

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011624\
 Data File : VX039785.D
 Acq On : 16 Jan 2024 19:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2024
 Supervised By : Mahesh Dadoda 01/17/2024

Quant Time: Jan 17 01:54:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	93342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	165388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75683	48.403	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.800%		
35) Dibromofluoromethane	5.385	113	56607	50.816	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.640%		
50) Toluene-d8	8.647	98	209277	49.812	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.620%		
62) 4-Bromofluorobenzene	11.079	95	85296	51.917	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53886	44.619	ug/l	99
3) Chloromethane	1.294	50	60419	43.807	ug/l	99
4) Vinyl Chloride	1.374	62	60197	46.247	ug/l	97
5) Bromomethane	1.599	94	37062	49.903	ug/l	95
6) Chloroethane	1.685	64	37540	50.733	ug/l	99
7) Trichlorofluoromethane	1.886	101	92888	49.470	ug/l	99
8) Diethyl Ether	2.130	74	33567	48.375	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	57886	49.727	ug/l	99
10) Methyl Iodide	2.453	142	66163	53.876	ug/l	94
11) Tert butyl alcohol	2.959	59	98971	243.158	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	56504	50.295	ug/l	89
13) Acrolein	2.233	56	60474	241.010	ug/l	99
14) Allyl chloride	2.660	41	106204	48.031	ug/l	98
15) Acrylonitrile	3.056	53	204990	243.813	ug/l	99
16) Acetone	2.374	43	195401	222.207	ug/l	93
17) Carbon Disulfide	2.514	76	154205	47.756	ug/l	98
18) Methyl Acetate	2.697	43	93422	50.780	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	198142	49.679	ug/l	98
20) Methylene Chloride	2.788	84	64350	48.379	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	60312	51.014	ug/l	97
22) Diisopropyl ether	3.757	45	207441	49.161	ug/l	97
23) Vinyl Acetate	3.721	43	986591	251.529	ug/l	100
24) 1,1-Dichloroethane	3.611	63	114503	49.325	ug/l	99
25) 2-Butanone	4.550	43	302395	239.292	ug/l	98
26) 2,2-Dichloropropane	4.477	77	89191	47.872	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	69293	51.102	ug/l	98
28) Bromochloromethane	4.891	49	53221	50.578	ug/l	96
29) Tetrahydrofuran	4.995	42	196409	241.473	ug/l	100
30) Chloroform	5.093	83	118210	51.583	ug/l	99
31) Cyclohexane	5.471	56	102379	49.612	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	102319	52.153	ug/l	99
36) 1,1-Dichloropropene	5.690	75	87749	50.607	ug/l	100
37) Ethyl Acetate	4.708	43	111383	48.151	ug/l	99
38) Carbon Tetrachloride	5.672	117	83066	52.306	ug/l	98
39) Methylcyclohexane	7.379	83	106922	51.352	ug/l	96
40) Benzene	6.037	78	251144	51.151	ug/l	99

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Quant Time: Jan 17 01:54:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	58496	51.713	ug/l	96
42) 1,2-Dichloroethane	6.086	62	97006	51.968	ug/l	100
43) Isopropyl Acetate	6.336	43	173872	51.239	ug/l	100
44) Trichloroethene	7.123	130	63195	52.518	ug/l	99
45) 1,2-Dichloropropane	7.428	63	67246	51.056	ug/l	97
46) Dibromomethane	7.580	93	47639	52.366	ug/l	98
47) Bromodichloromethane	7.818	83	90345	53.622	ug/l	98
48) Methyl methacrylate	7.690	41	84517	50.671	ug/l	95
49) 1,4-Dioxane	7.653	88	32986	1022.058	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	593796	254.081	ug/l	99
52) Toluene	8.714	92	153358	52.294	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	96941	54.222	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	103394	52.594	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	64825	51.919	ug/l	95
56) Ethyl methacrylate	9.116	69	107073	52.986	ug/l	97
57) 1,3-Dichloropropane	9.305	76	110344	52.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	238067	249.238	ug/l	96
59) 2-Hexanone	9.427	43	471987	255.179	ug/l	99
60) Dibromochloromethane	9.519	129	65140	55.322	ug/l	99
61) 1,2-Dibromoethane	9.610	107	69395	53.670	ug/l	99
64) Tetrachloroethene	9.269	164	52110	52.358	ug/l	95
65) Chlorobenzene	10.079	112	162878	51.097	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	59555	54.869	ug/l	99
67) Ethyl Benzene	10.189	91	310684	52.498	ug/l	98
68) m/p-Xylenes	10.299	106	227606	104.576	ug/l	95
69) o-Xylene	10.640	106	111986	51.956	ug/l	97
70) Styrene	10.653	104	185081	52.566	ug/l	98
71) Bromoform	10.799	173	45426	55.736	ug/l #	99
73) Isopropylbenzene	10.963	105	296439	48.039	ug/l	99
74) N-amyl acetate	10.842	43	158577	49.301	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	110942	47.082	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	94430m	46.994	ug/l	
77) Bromobenzene	11.195	156	67636	49.228	ug/l	97
78) n-propylbenzene	11.305	91	365277	48.908	ug/l	98
79) 2-Chlorotoluene	11.360	91	214616	46.493	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	259802	49.572	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	32104	47.924	ug/l	95
82) 4-Chlorotoluene	11.451	91	251727	48.077	ug/l	99
83) tert-Butylbenzene	11.713	119	244582	48.882	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	256950	49.142	ug/l	99
85) sec-Butylbenzene	11.890	105	325519	50.117	ug/l	99
86) p-Isopropyltoluene	12.006	119	262766	50.618	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	130196	49.435	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	130746	48.066	ug/l	99
89) n-Butylbenzene	12.329	91	255724	51.004	ug/l	96
90) Hexachloroethane	12.536	117	44697	51.038	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	127924	49.131	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27528	47.676	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	79779	50.139	ug/l	98
94) Hexachlorobutadiene	13.725	225	33546	50.716	ug/l	98
95) Naphthalene	13.774	128	286295	48.875	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	78396	48.818	ug/l	98

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ALS Vial : 24 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

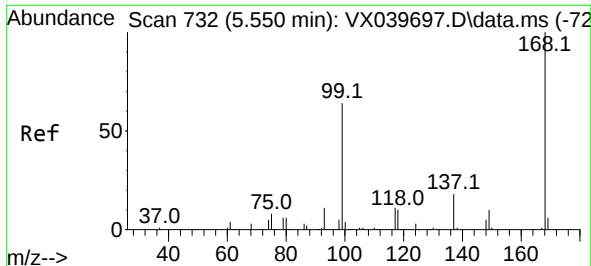
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024

Quant Time: Jan 17 01:54:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

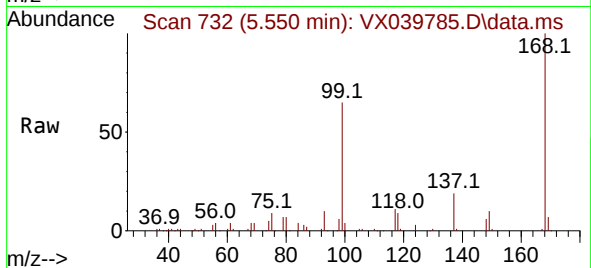
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

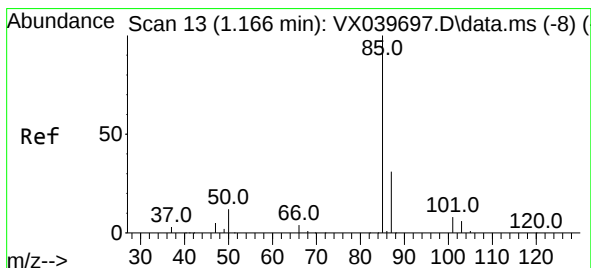
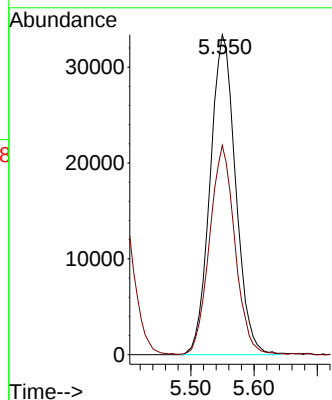
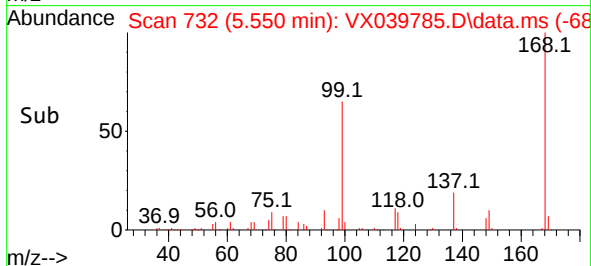
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 9334
Ion Ratio Lower Upper
168 100
99 65.2 56.6 85.0

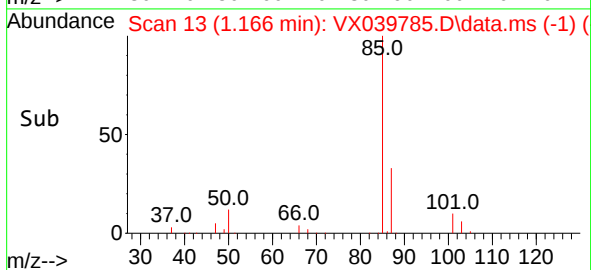
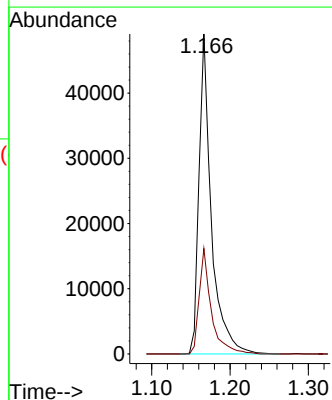
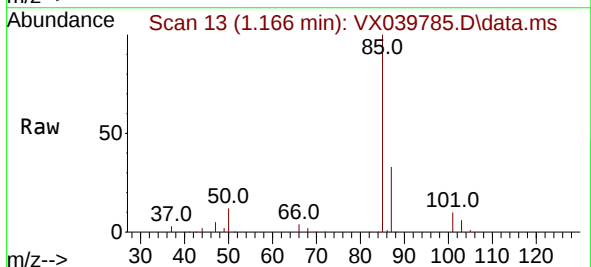
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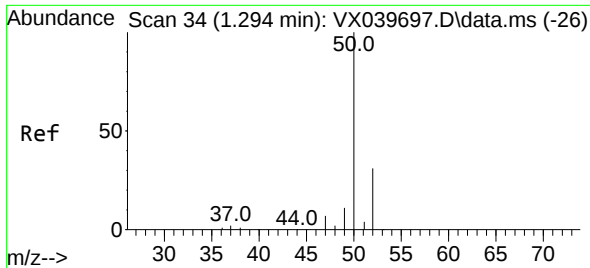
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#2
Dichlorodifluoromethane
Concen: 44.619 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Tgt Ion: 85 Resp: 53886
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1





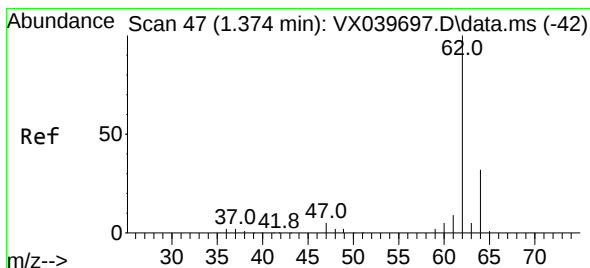
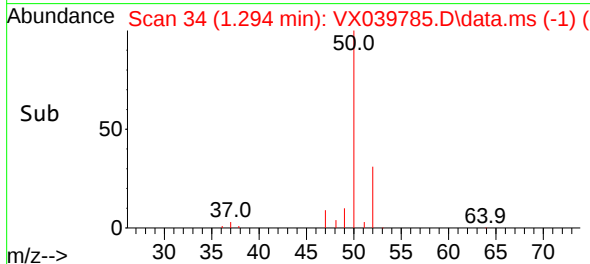
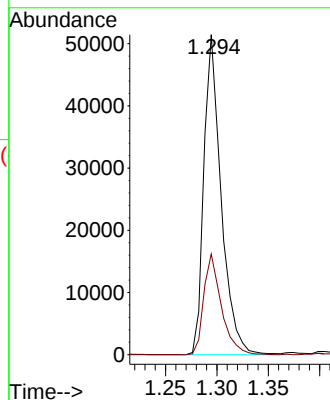
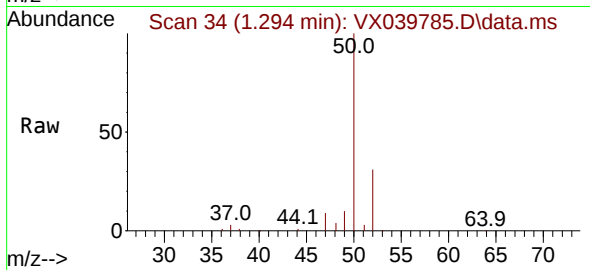
#3
Chloromethane
Concen: 43.807 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Instrument :
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Tgt Ion: 50 Resp: 60419
Ion Ratio Lower Upper
50 100
52 31.5 25.5 38.3

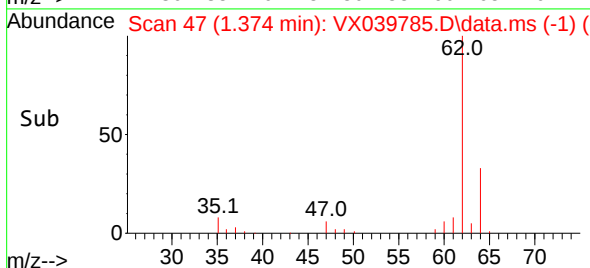
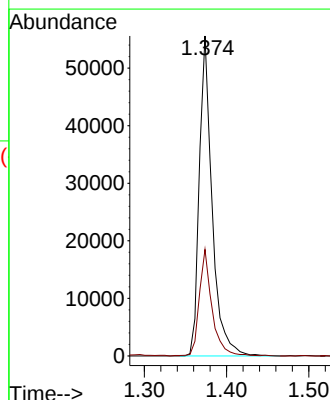
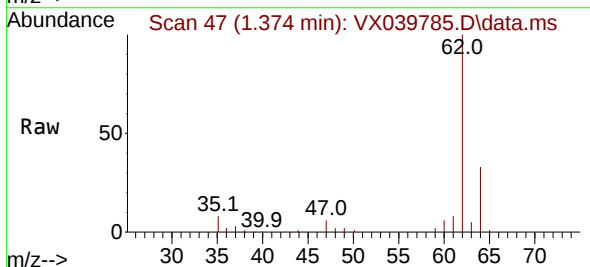
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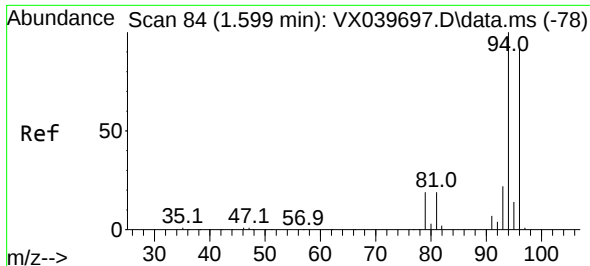
Reviewed By :John Carlone 01/17/2024
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#4
Vinyl Chloride
Concen: 46.247 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

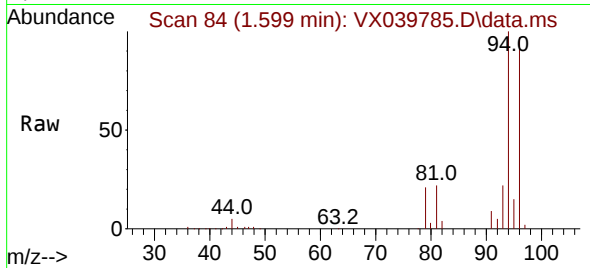
Tgt Ion: 62 Resp: 60197
Ion Ratio Lower Upper
62 100
64 33.3 25.4 38.0





#5
Bromomethane
Concen: 49.903 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

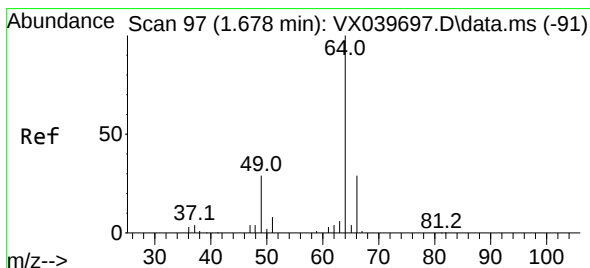
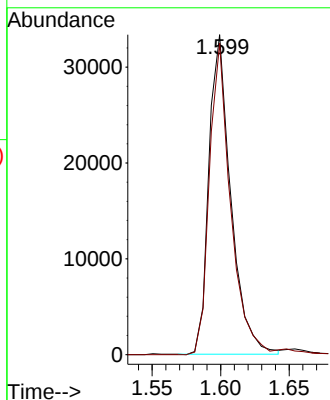
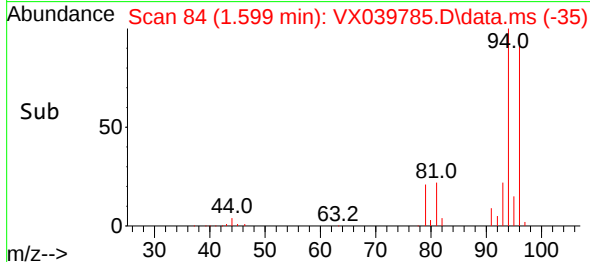
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 37062
Ion Ratio Lower Upper
94 100
96 97.6 74.6 111.8

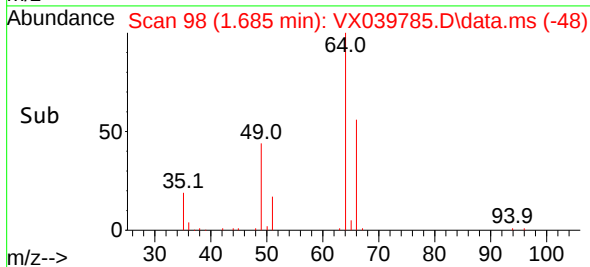
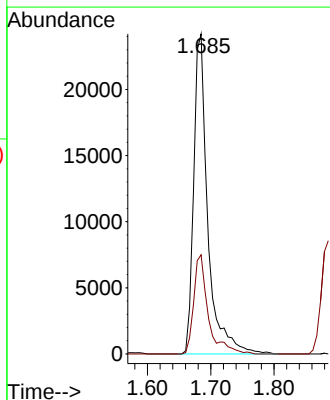
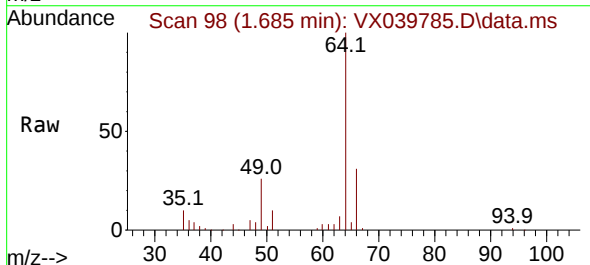
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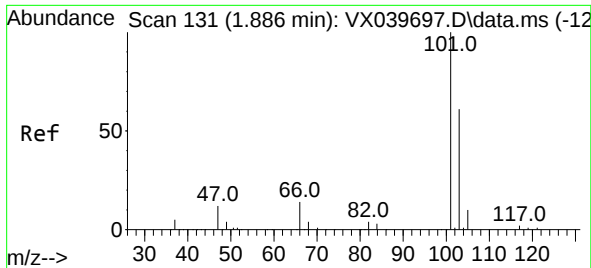
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#6
Chloroethane
Concen: 50.733 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Tgt Ion: 64 Resp: 37540
Ion Ratio Lower Upper
64 100
66 31.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 49.470 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

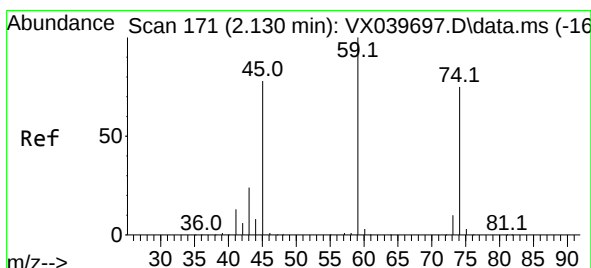
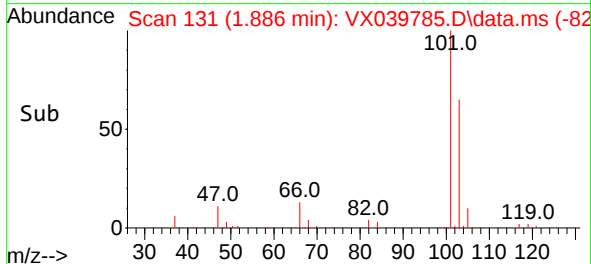
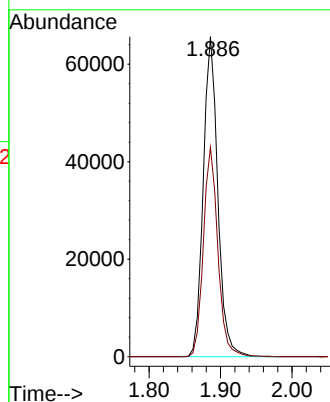
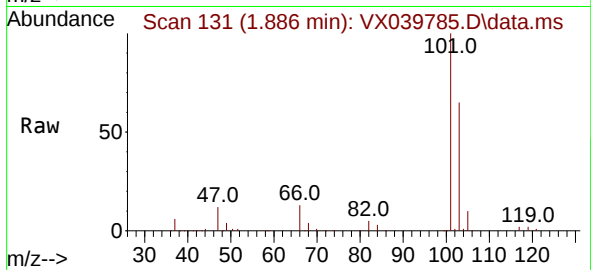
Tgt Ion:101 Resp: 9288
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

Manual Integrations

APPROVED

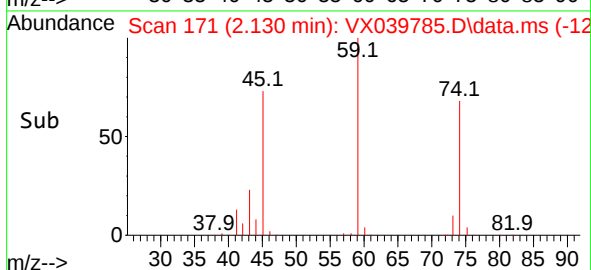
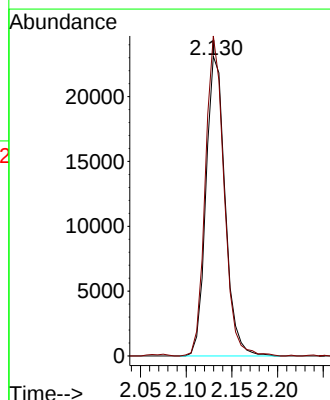
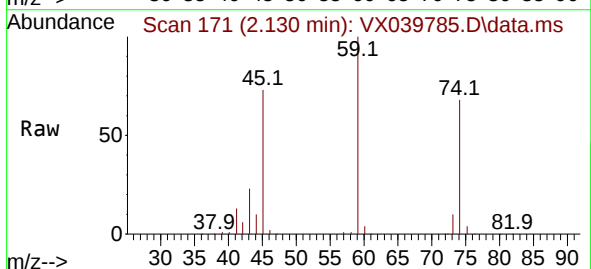
Reviewed By :John Carlone 01/17/2024

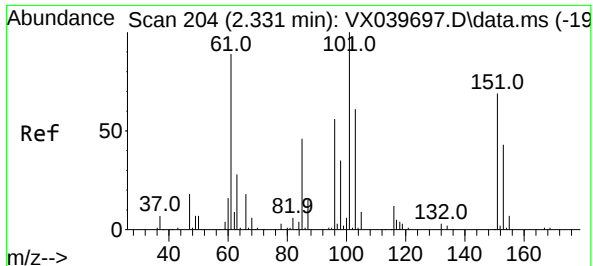
Supervised By :Mahesh Dadoda 01/17/2024



#8
Diethyl Ether
Concen: 48.375 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Tgt Ion: 74 Resp: 33567
Ion Ratio Lower Upper
74 100
45 104.3 53.3 159.8





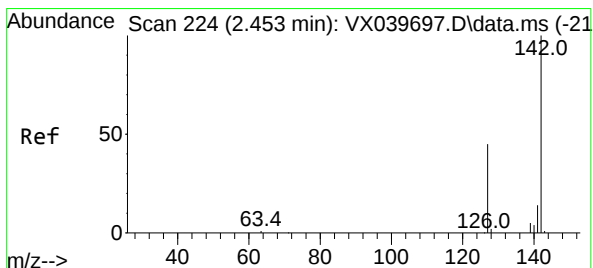
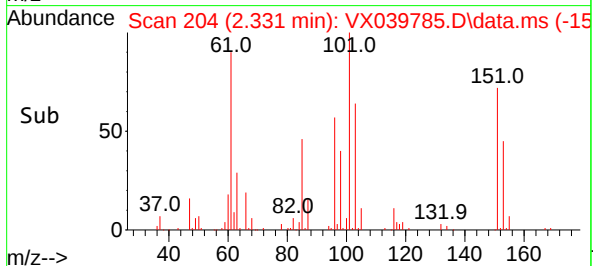
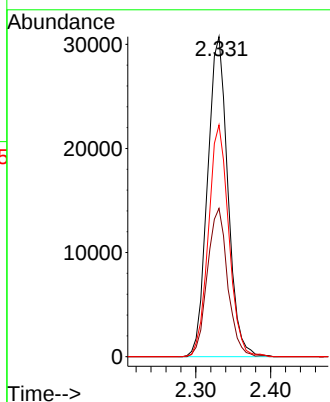
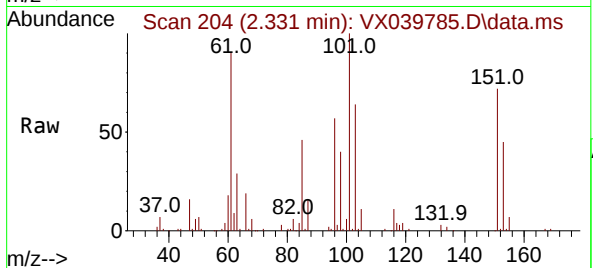
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.727 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 5788
Ion Ratio Lower Upper
101 100
85 46.6 37.0 55.6
151 72.6 58.6 87.8

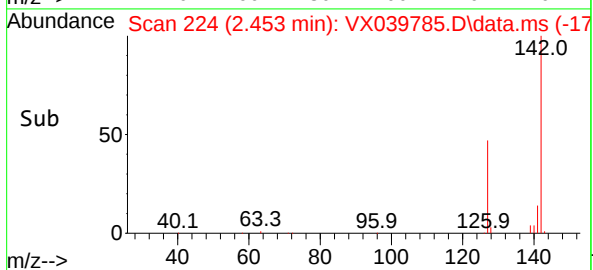
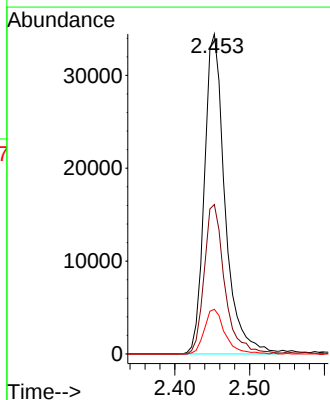
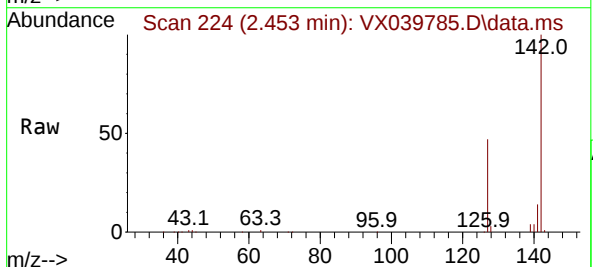
Manual Integrations
APPROVED

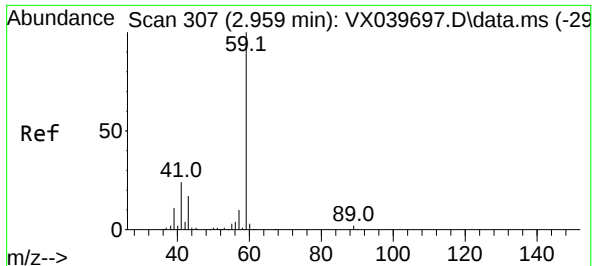
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#10
Methyl Iodide
Concen: 53.876 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

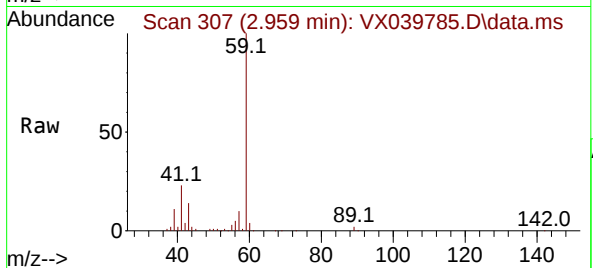
Tgt Ion:142 Resp: 66163
Ion Ratio Lower Upper
142 100
127 46.5 41.6 62.4
141 14.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 243.158 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

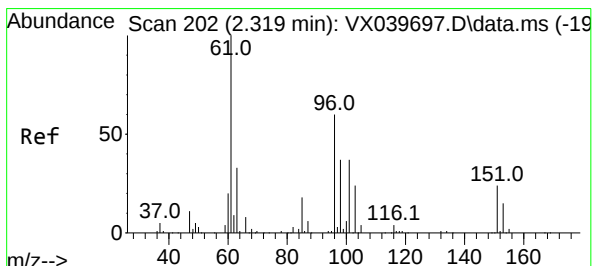
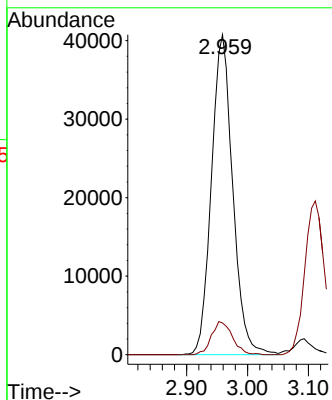
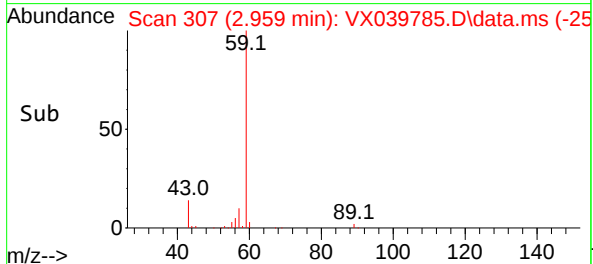
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



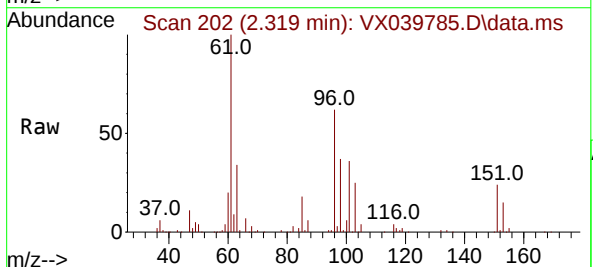
Tgt Ion: 59 Resp: 9897
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0

Manual Integrations
APPROVED

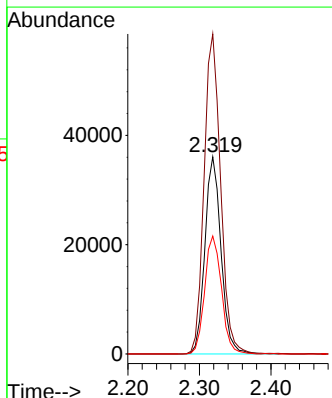
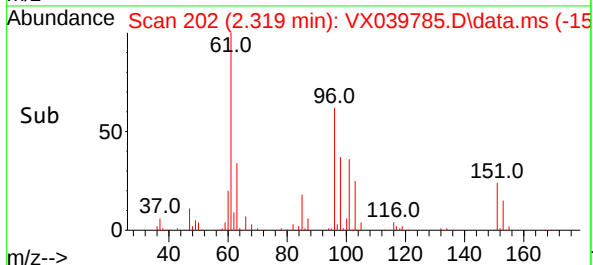
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024

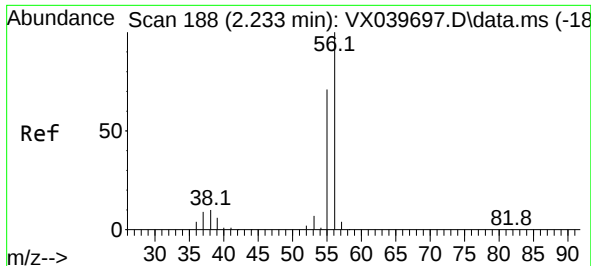


#12
1,1-Dichloroethene
Concen: 50.295 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41



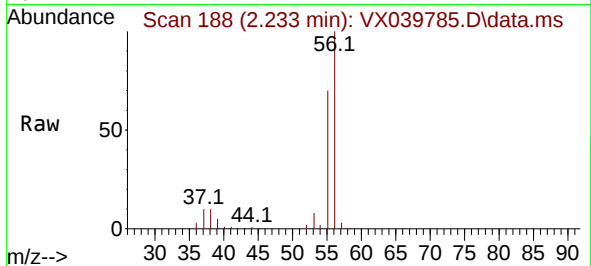
Tgt Ion: 96 Resp: 56504
Ion Ratio Lower Upper
96 100
61 162.4 144.6 216.8
98 59.8 50.4 75.6





#13
Acrolein
Concen: 241.010 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

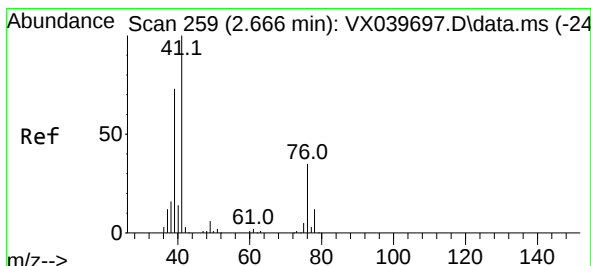
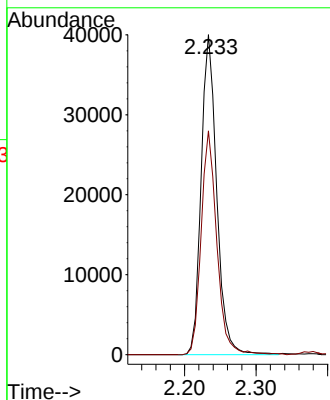
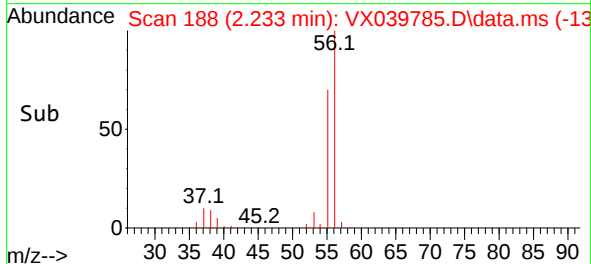
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 60474
Ion Ratio Lower Upper
56 100
55 70.3 57.1 85.7

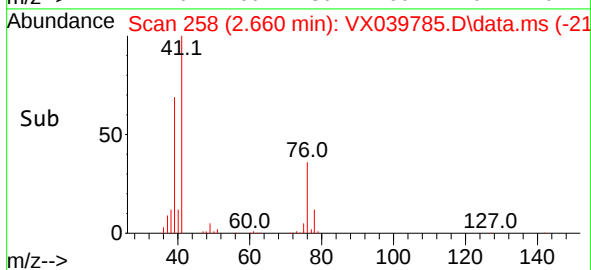
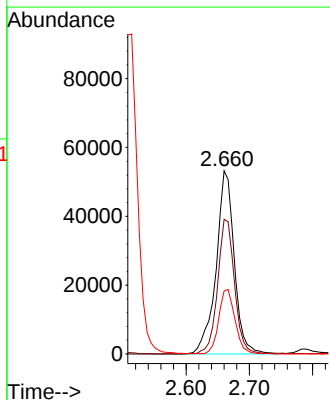
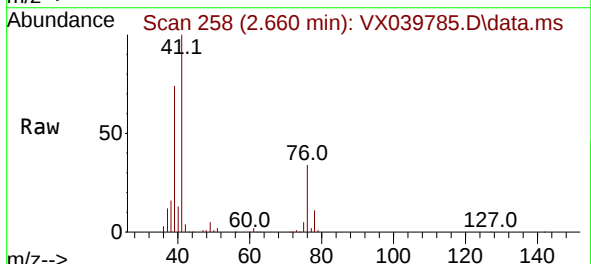
Manual Integrations
APPROVED

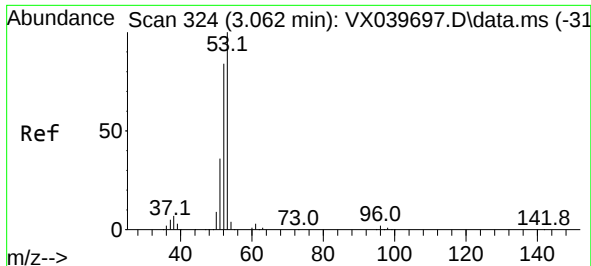
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#14
Allyl chloride
Concen: 48.031 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

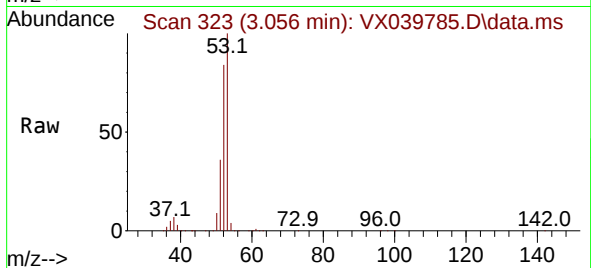
Tgt Ion: 41 Resp: 106204
Ion Ratio Lower Upper
41 100
39 68.1 55.8 83.6
76 31.4 24.3 36.5





#15
Acrylonitrile
Concen: 243.813 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

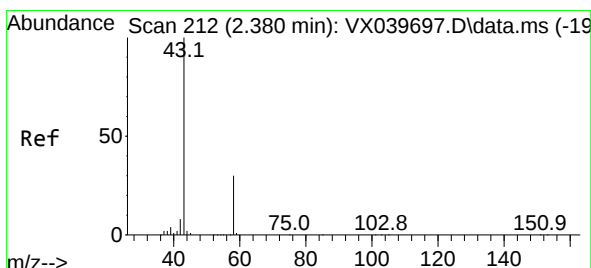
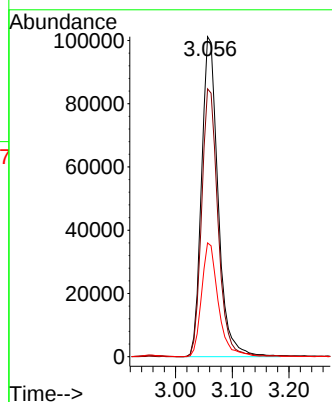
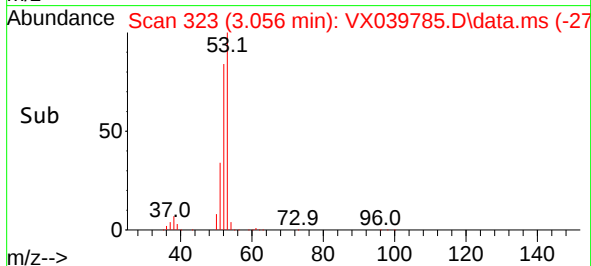
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 204990
Ion Ratio Lower Upper
53 100
52 82.9 66.0 99.0
51 36.0 29.8 44.6

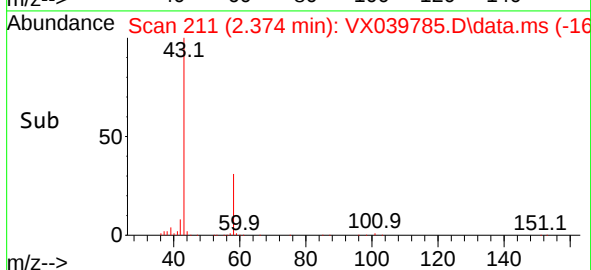
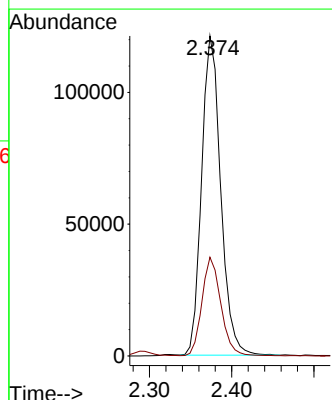
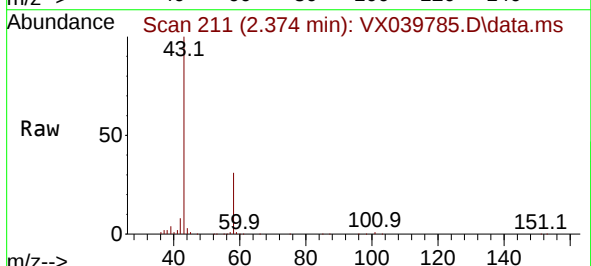
Manual Integrations
APPROVED

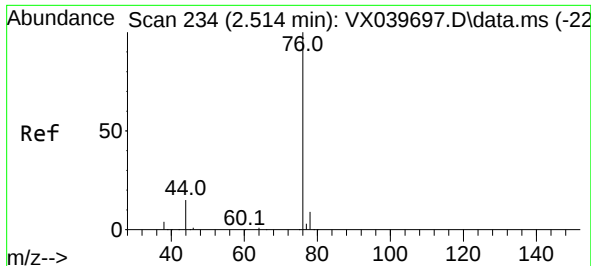
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#16
Acetone
Concen: 222.207 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

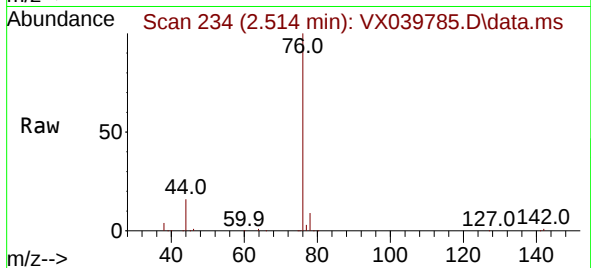
Tgt Ion: 43 Resp: 195401
Ion Ratio Lower Upper
43 100
58 30.8 21.9 32.9





#17
Carbon Disulfide
Concen: 47.756 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

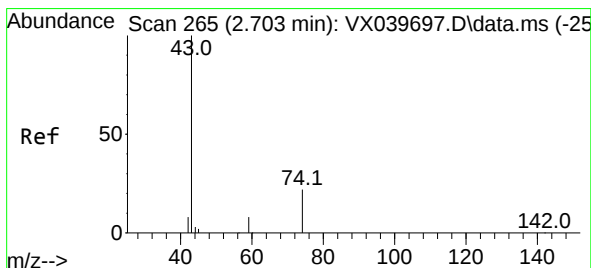
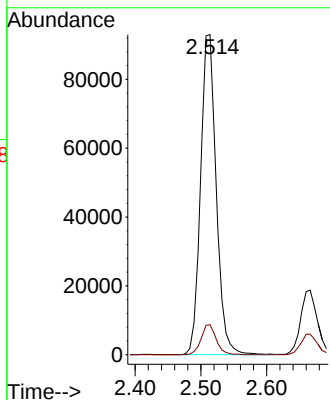
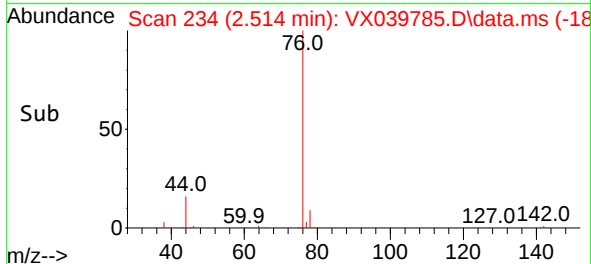
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 15420
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

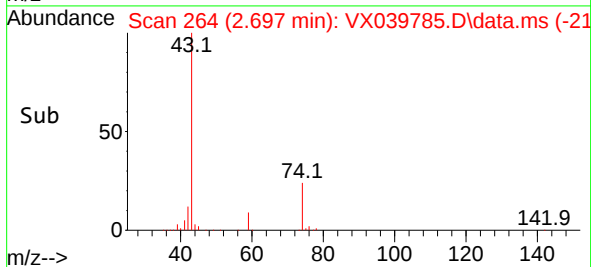
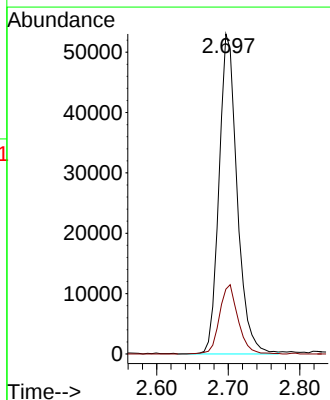
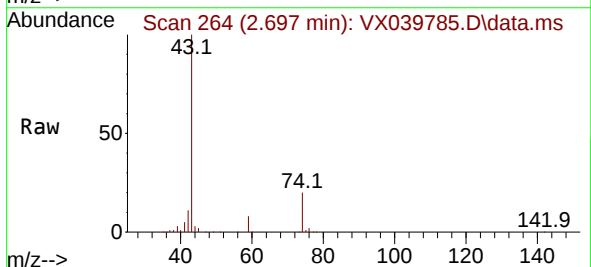
Manual Integrations
APPROVED

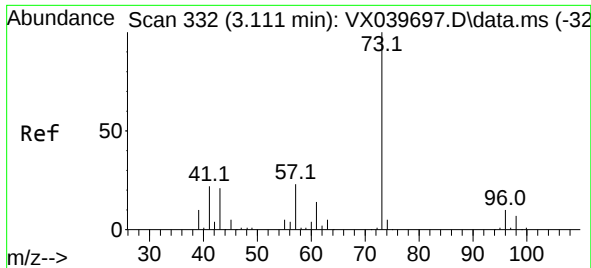
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#18
Methyl Acetate
Concen: 50.780 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Tgt Ion: 43 Resp: 93422
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.8





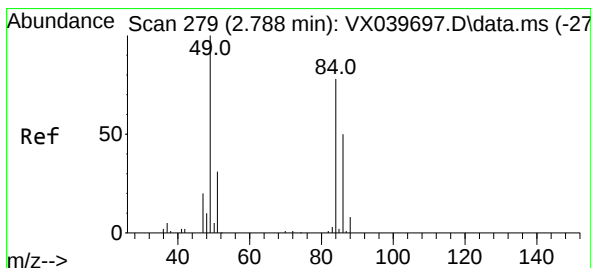
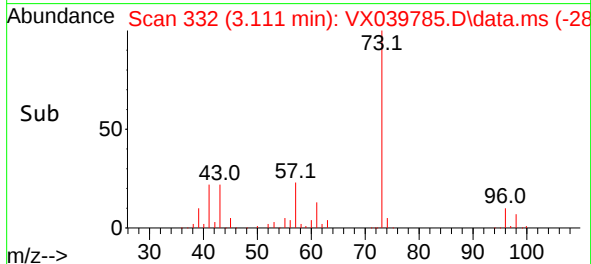
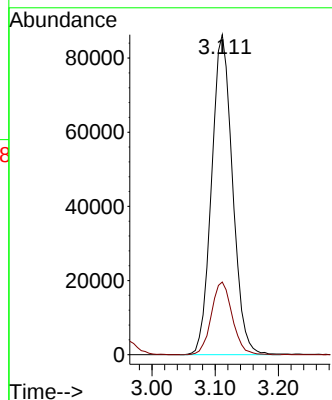
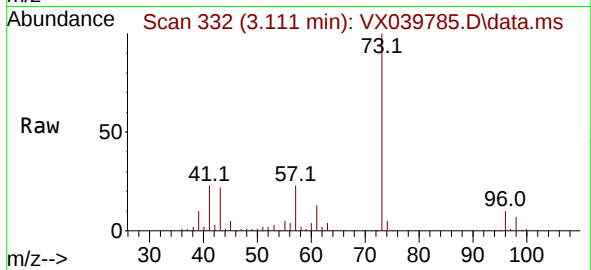
#19
Methyl tert-butyl Ether
Concen: 49.679 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 19814
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9

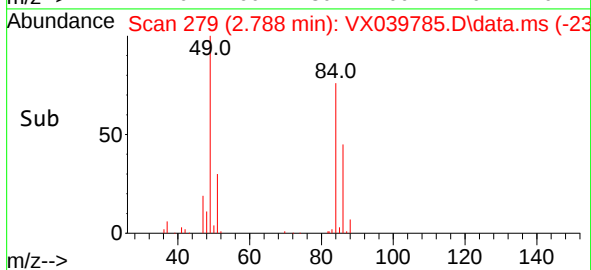
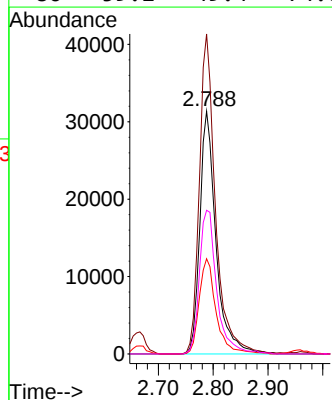
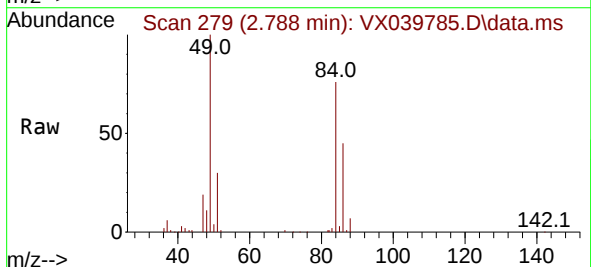
Manual Integrations
APPROVED

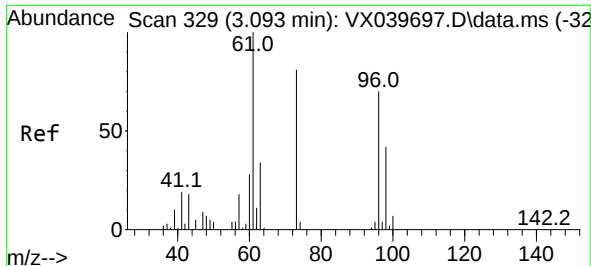
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#20
Methylene Chloride
Concen: 48.379 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

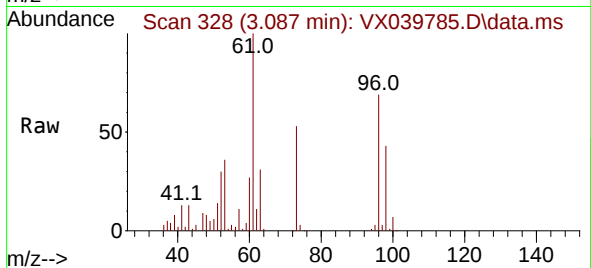
Tgt Ion: 84 Resp: 64350
Ion Ratio Lower Upper
84 100
49 131.9 103.6 155.4
51 39.2 33.8 50.6
86 59.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 51.014 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

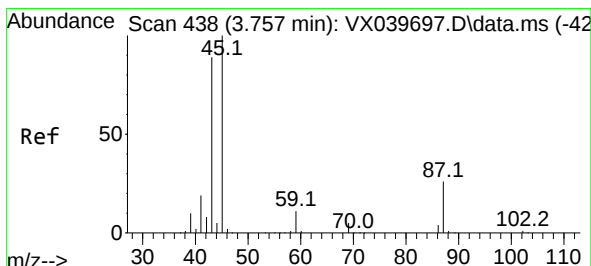
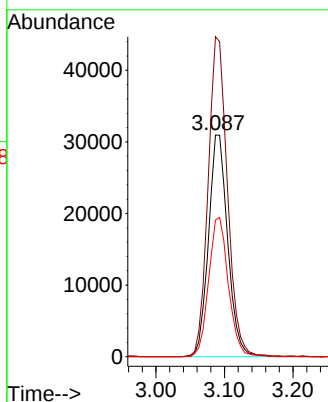
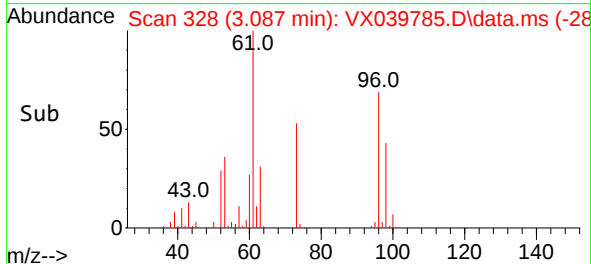
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 60312
Ion Ratio Lower Upper
96 100
61 144.4 119.2 178.8
98 61.7 48.7 73.1

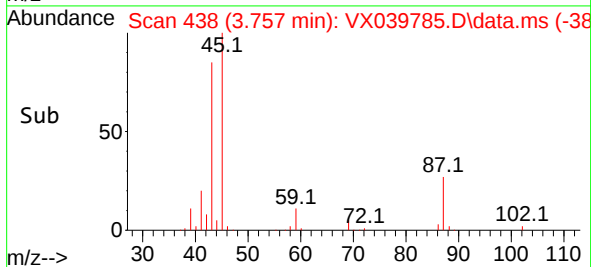
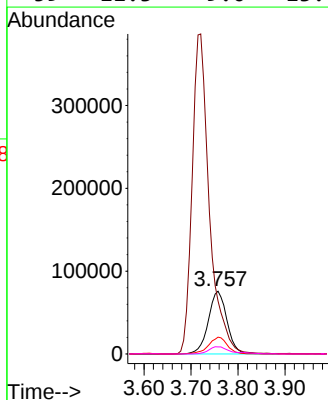
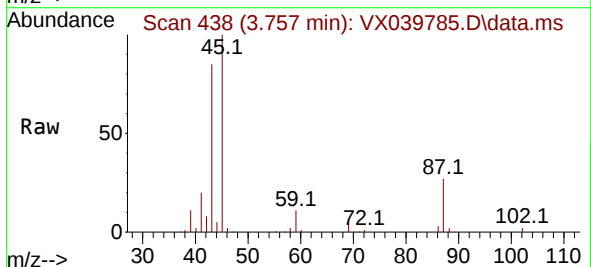
Manual Integrations
APPROVED

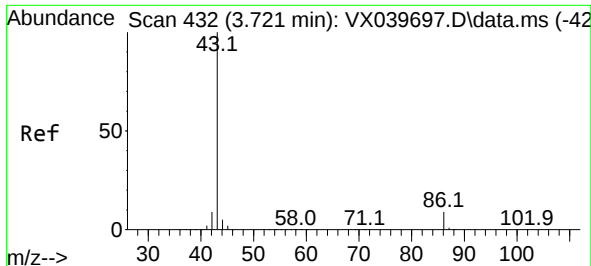
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#22
Diisopropyl ether
Concen: 49.161 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Tgt Ion: 45 Resp: 207441
Ion Ratio Lower Upper
45 100
43 83.9 69.7 104.5
87 26.7 20.8 31.2
59 11.3 9.0 13.4





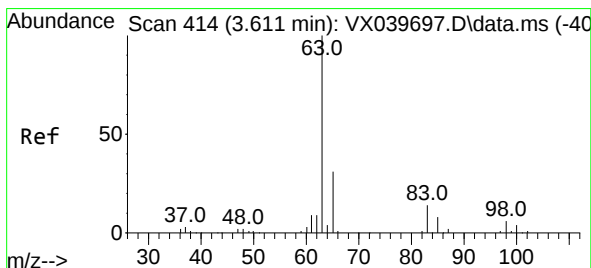
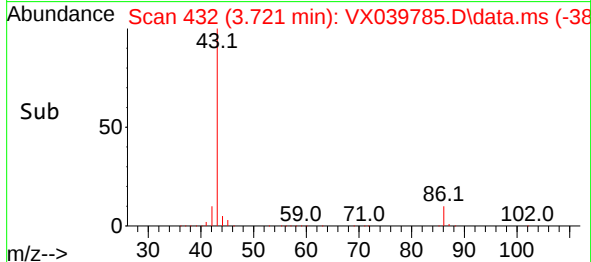
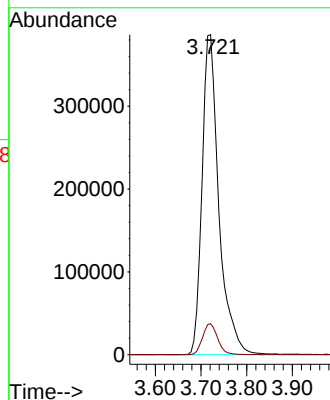
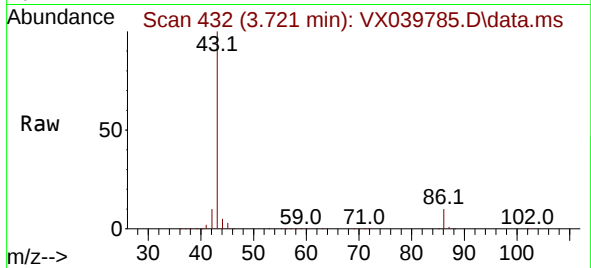
#23
 Vinyl Acetate
 Concen: 251.529 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039785.D
 Acq: 16 Jan 2024 19:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 98659
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

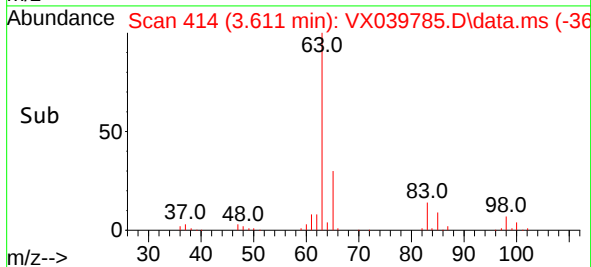
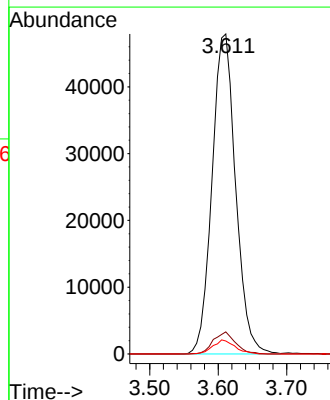
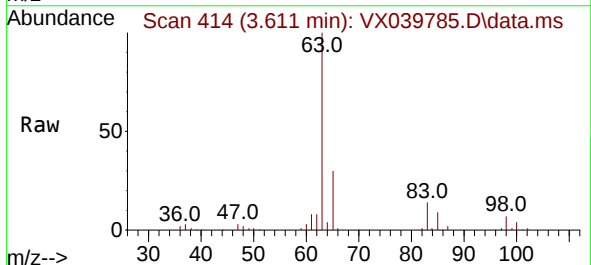
Manual Integrations
 APPROVED

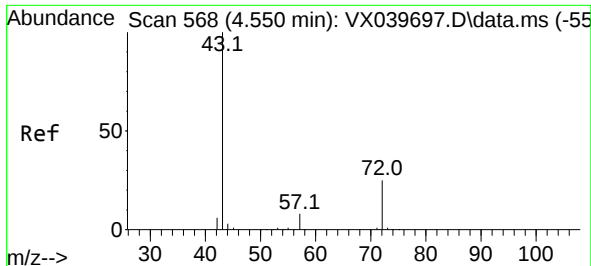
Reviewed By :John Carlone 01/17/2024
 Supervised By :Mahesh Dadoda 01/17/2024



#24
 1,1-Dichloroethane
 Concen: 49.325 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX039785.D
 Acq: 16 Jan 2024 19:41

Tgt Ion: 63 Resp: 114503
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.0 2.1 6.5





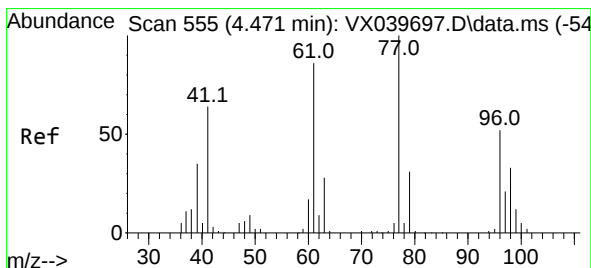
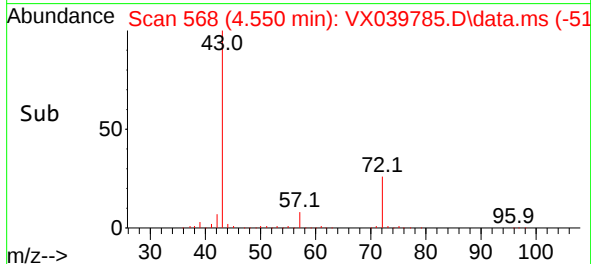
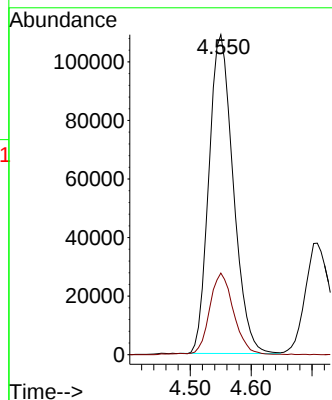
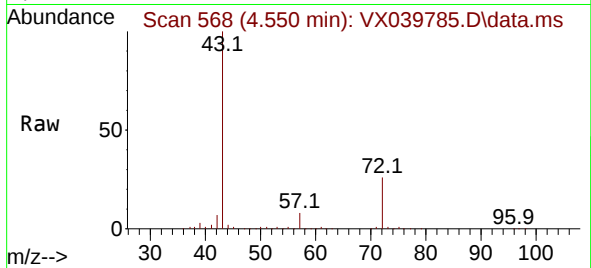
#25
2-Butanone
Concen: 239.292 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 30239
Ion Ratio Lower Upper
43 100
72 25.5 19.4 29.2

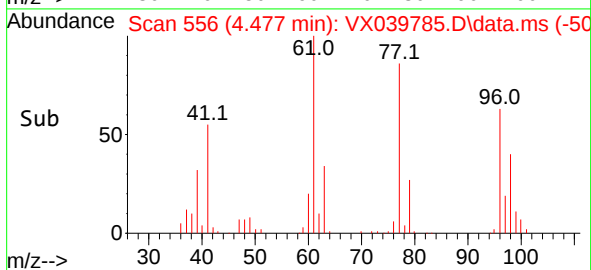
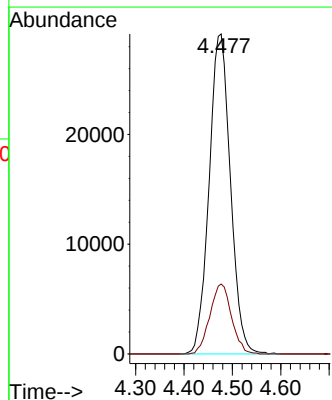
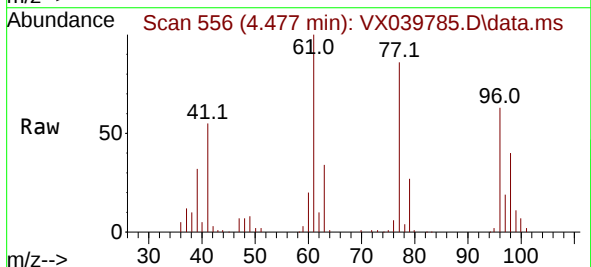
Manual Integrations
APPROVED

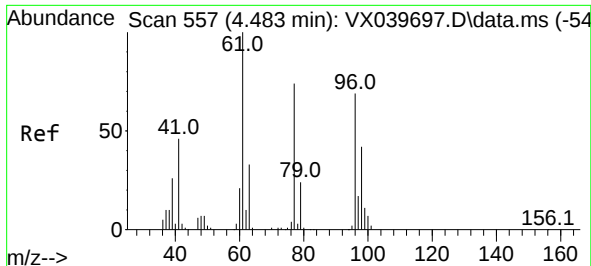
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#26
2,2-Dichloropropane
Concen: 47.872 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Tgt Ion: 77 Resp: 89191
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.102 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX039785.D

Acq: 16 Jan 2024 19:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 6929

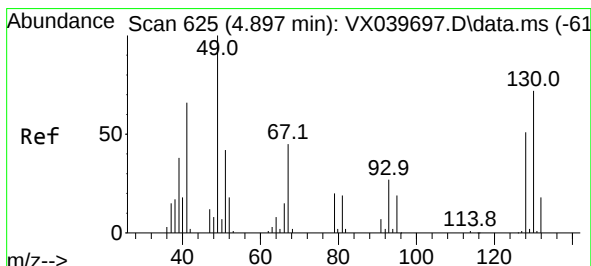
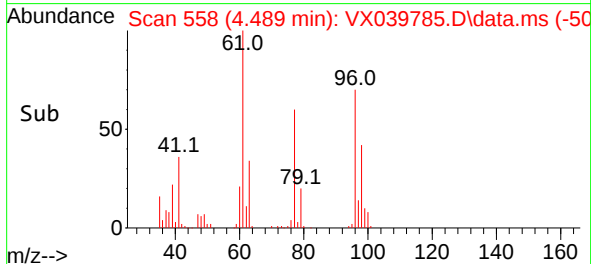
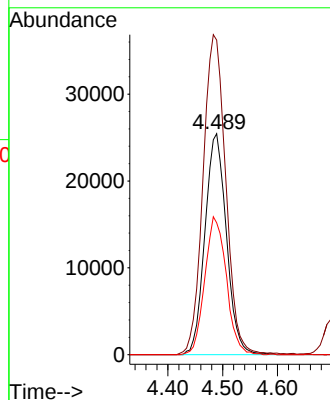
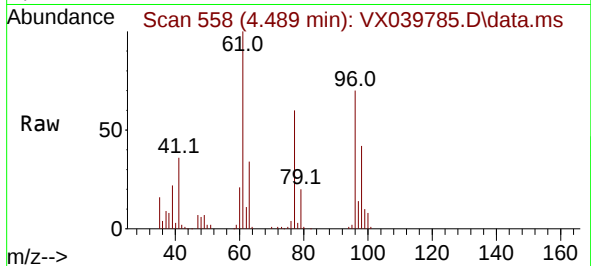
Ion	Ratio	Lower	Upper
96	100		
61	153.3	0.0	312.2
98	62.6	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2024

Supervised By :Mahesh Dadoda 01/17/2024



#28

Bromochloromethane

Concen: 50.578 ug/l

RT: 4.891 min Scan# 624

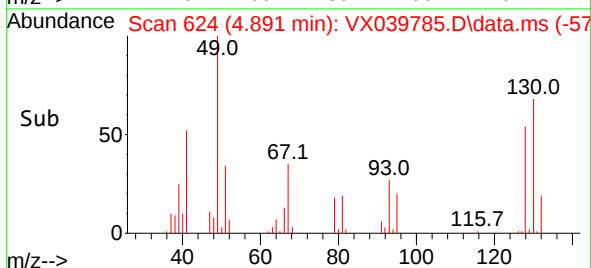
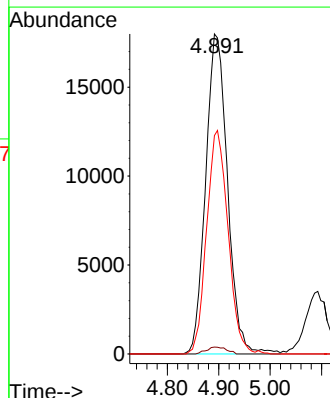
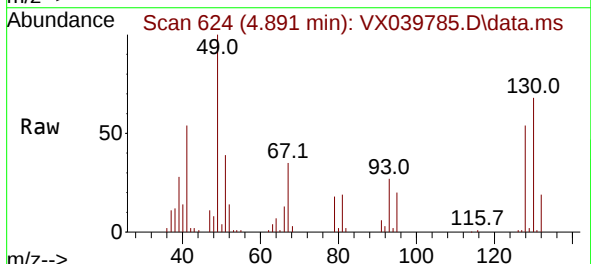
Delta R.T. -0.006 min

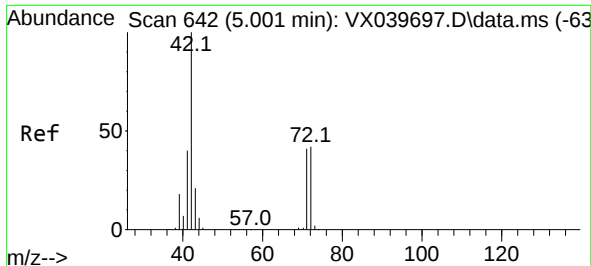
Lab File: VX039785.D

Acq: 16 Jan 2024 19:41

Tgt Ion: 49 Resp: 53221

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	68.3	57.5	86.3





#29

Tetrahydrofuran

Concen: 241.473 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX039785.D

Acq: 16 Jan 2024 19:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 196409

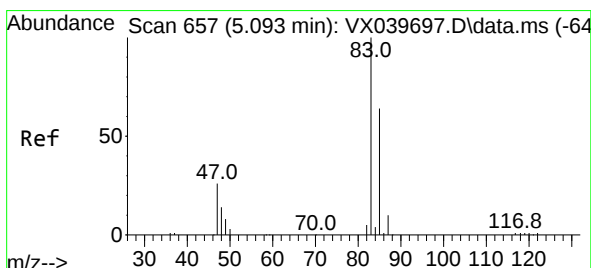
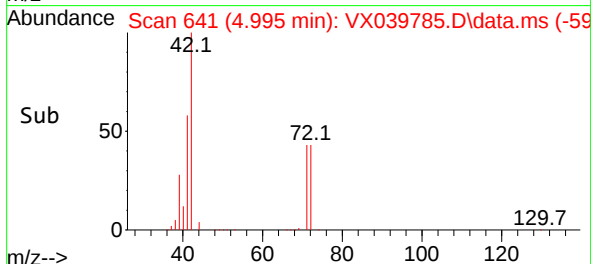
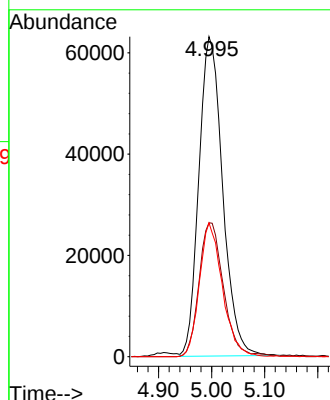
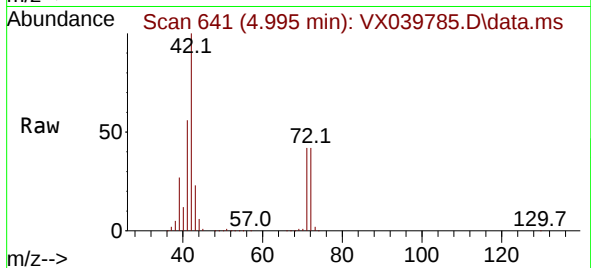
Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.2	51.4
71	40.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2024

Supervised By :Mahesh Dadoda 01/17/2024



#30

Chloroform

Concen: 51.583 ug/l

RT: 5.093 min Scan# 657

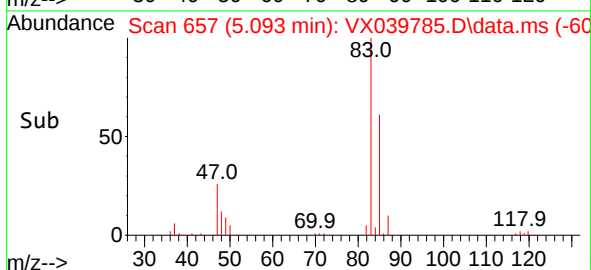
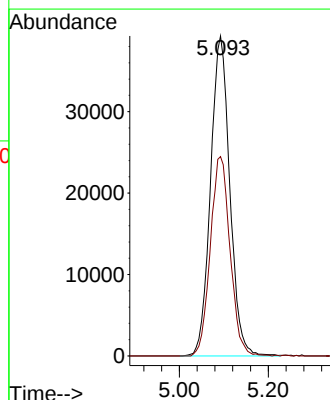
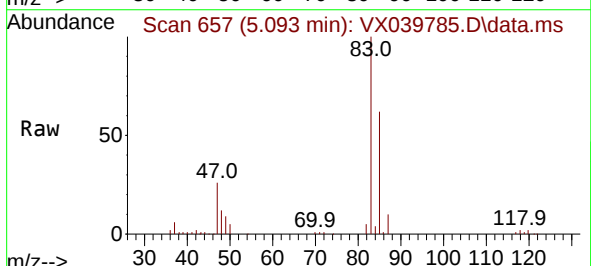
Delta R.T. 0.000 min

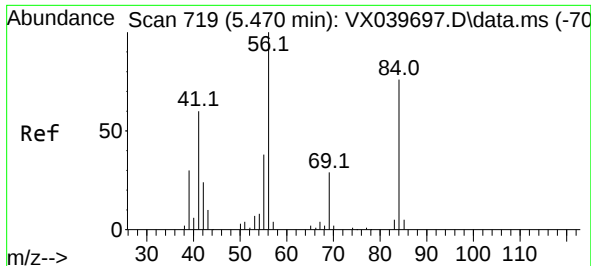
Lab File: VX039785.D

Acq: 16 Jan 2024 19:41

Tgt Ion: 83 Resp: 118210

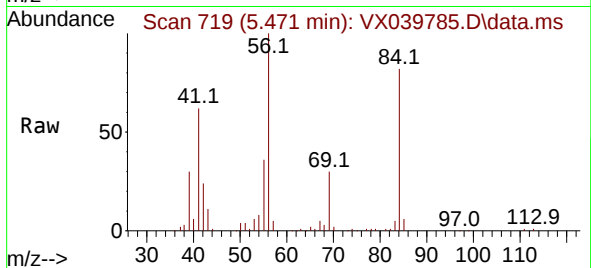
Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.3	75.5





#31
Cyclohexane
Concen: 49.612 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

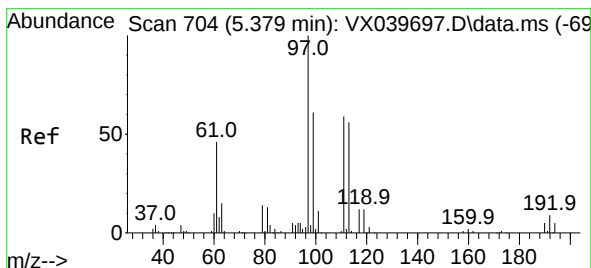
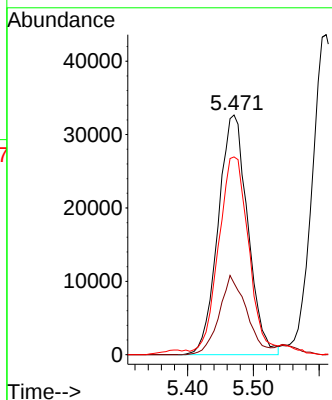
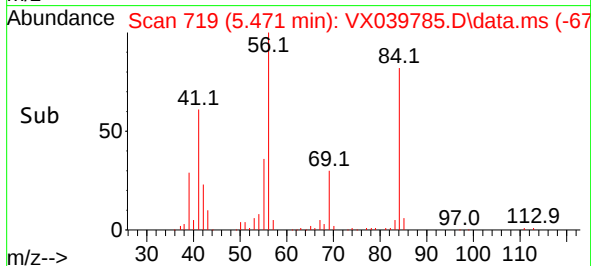
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



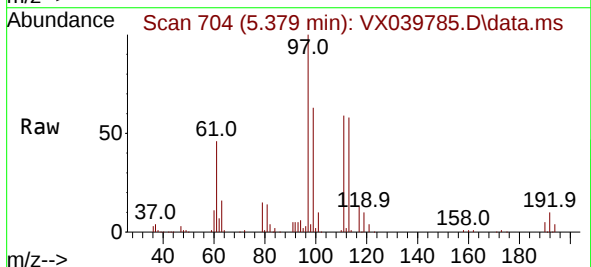
Tgt Ion: 56 Resp: 102379
Ion Ratio Lower Upper
56 100
69 29.8 23.4 35.2
84 80.5 65.9 98.9

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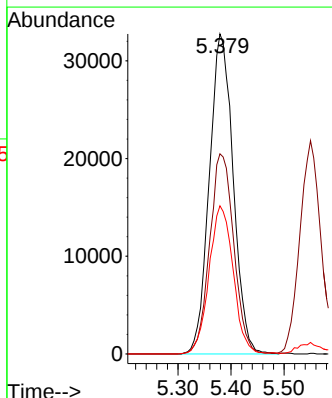
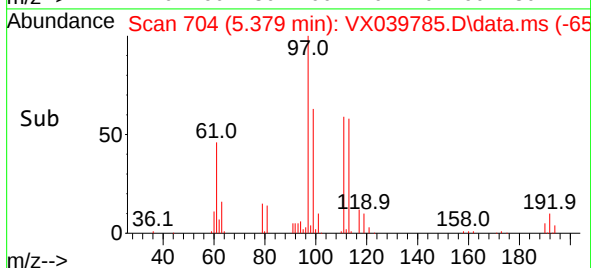
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024

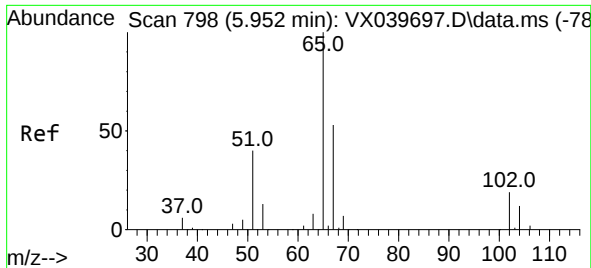


#32
1,1,1-Trichloroethane
Concen: 52.153 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41



Tgt Ion: 97 Resp: 102319
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 46.8 36.4 54.6





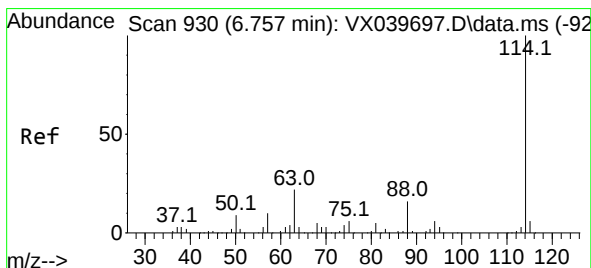
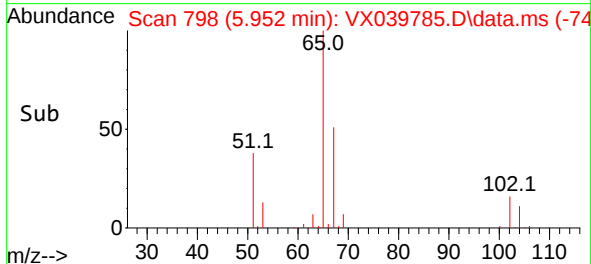
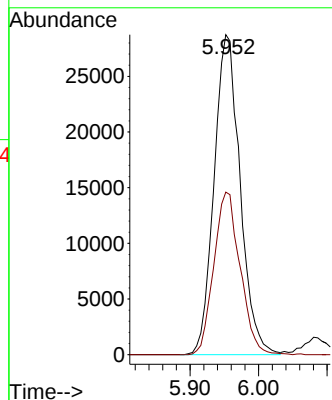
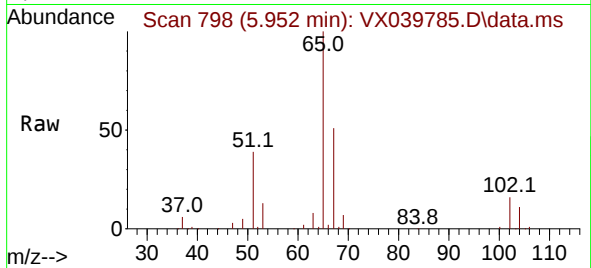
#33
1,2-Dichloroethane-d4
Concen: 48.403 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 7568
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

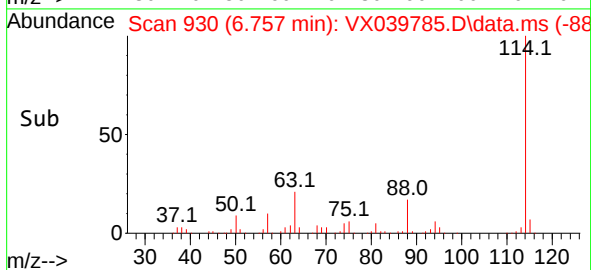
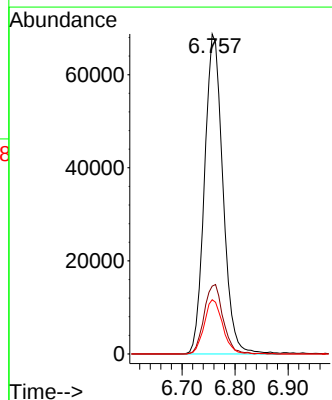
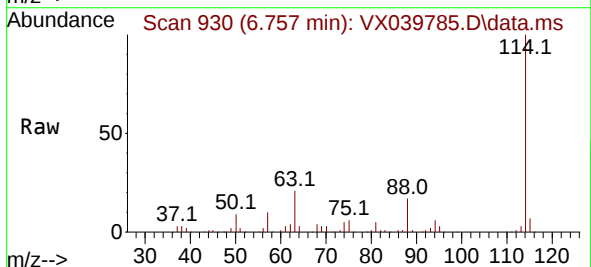
Manual Integrations
APPROVED

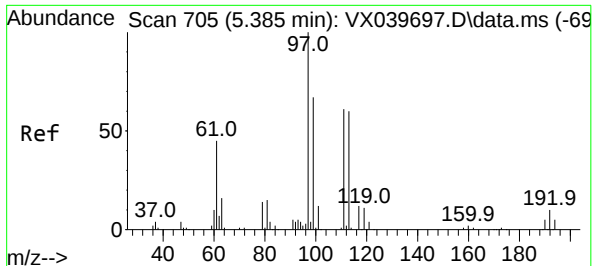
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Tgt Ion:114 Resp: 165388
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 17.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.816 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039785.D

Acq: 16 Jan 2024 19:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

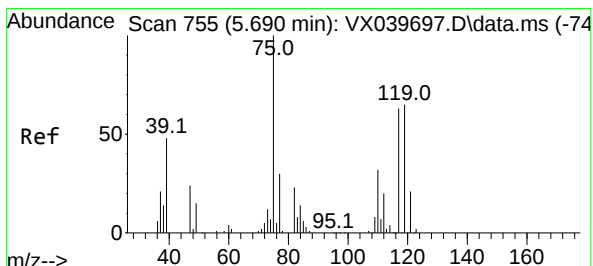
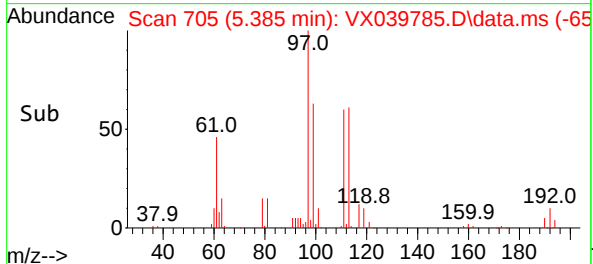
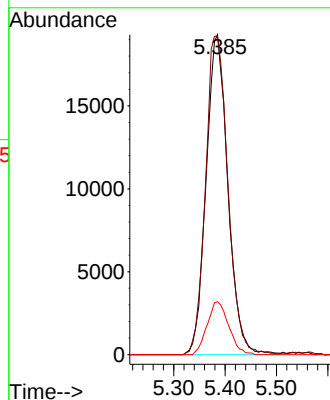
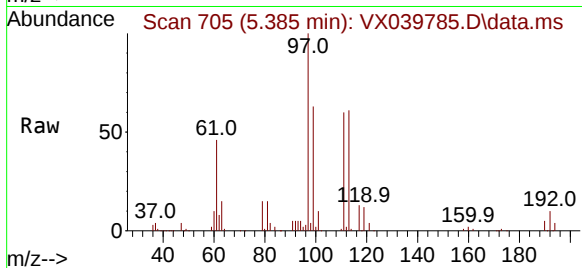
Tgt Ion:	113	Resp:	5660
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.9	124.3
192	16.5	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2024

Supervised By :Mahesh Dadoda 01/17/2024



#36

1,1-Dichloropropene

Concen: 50.607 ug/l

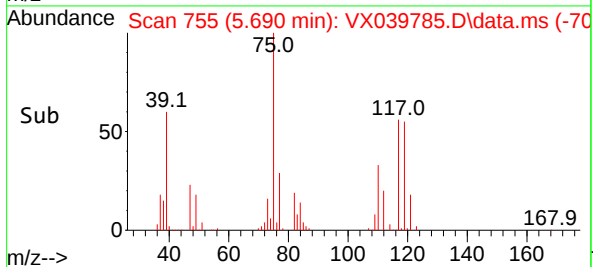
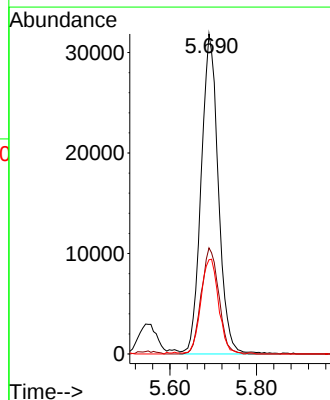
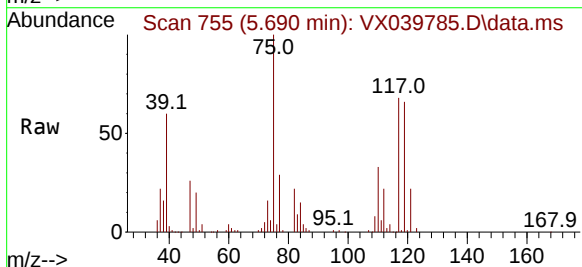
RT: 5.690 min Scan# 755

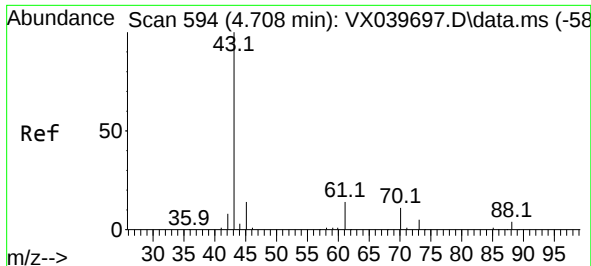
Delta R.T. 0.000 min

Lab File: VX039785.D

Acq: 16 Jan 2024 19:41

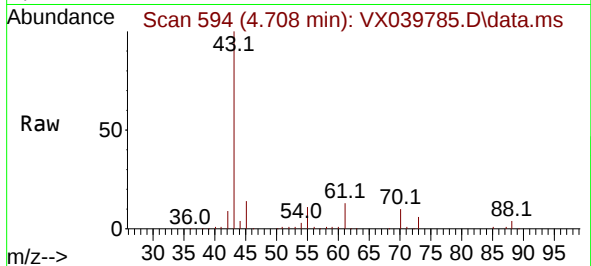
Tgt Ion:	75	Resp:	87749
Ion Ratio	Lower	Upper	
75	100		
110	33.8	17.0	50.9
77	30.6	24.7	37.1





#37
Ethyl Acetate
Concen: 48.151 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

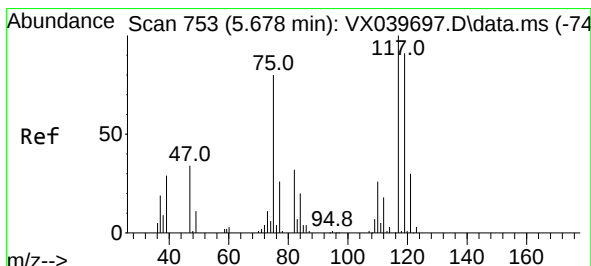
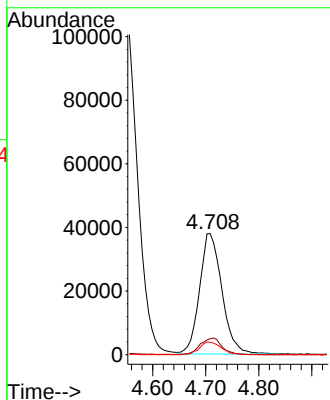
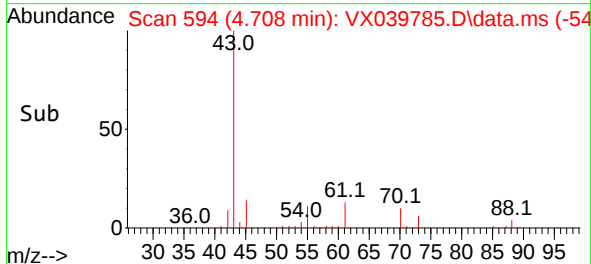
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 11138
Ion Ratio Lower Upper
43 100
61 13.1 10.6 16.0
70 10.3 8.3 12.5

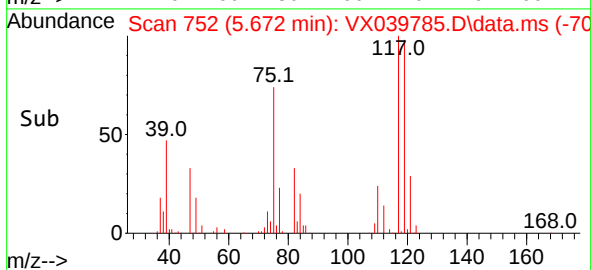
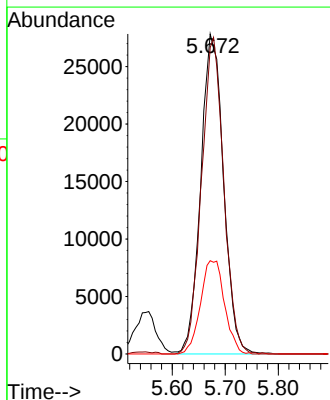
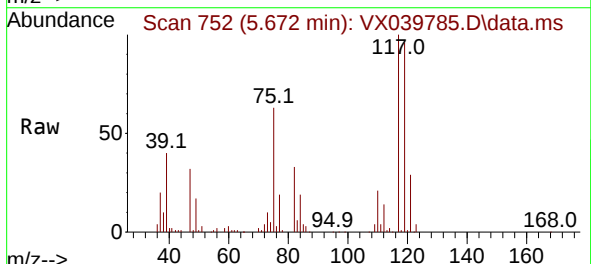
Manual Integrations
APPROVED

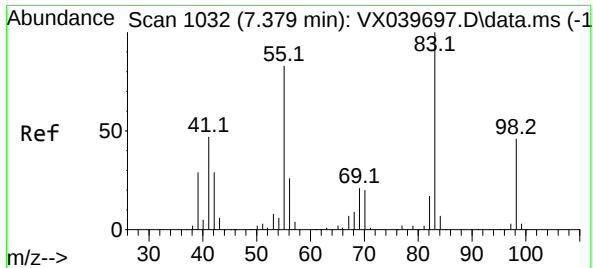
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#38
Carbon Tetrachloride
Concen: 52.306 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Tgt Ion:117 Resp: 83066
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.2
121 29.1 24.4 36.6





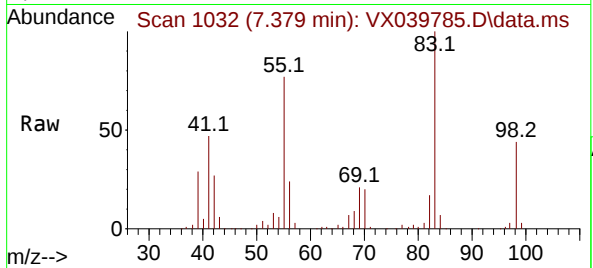
#39
Methylcyclohexane
Concen: 51.352 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



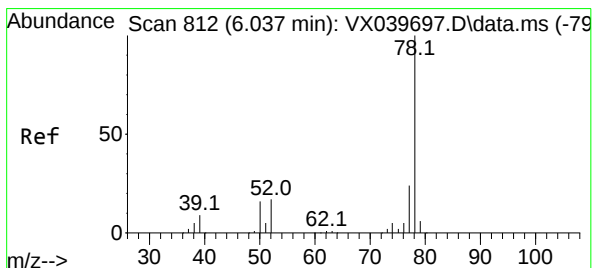
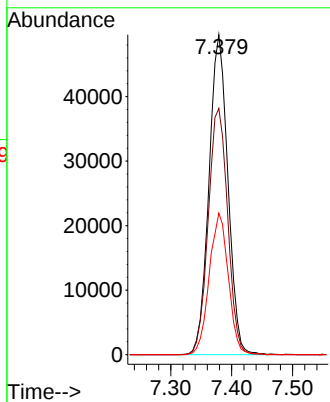
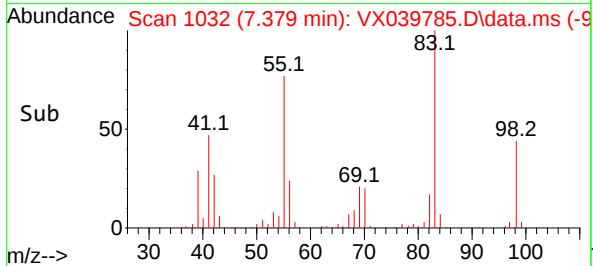
Tgt Ion: 83 Resp: 10692
Ion Ratio Lower Upper
83 100
55 76.9 64.6 97.0
98 44.3 36.7 55.1

Manual Integrations

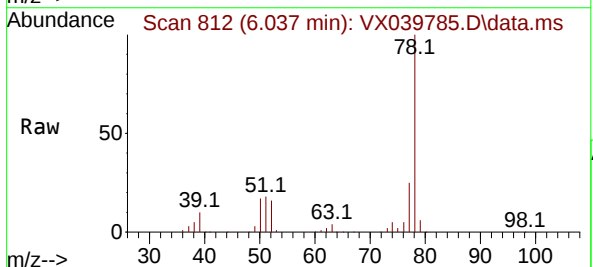
APPROVED

Reviewed By :John Carlone 01/17/2024

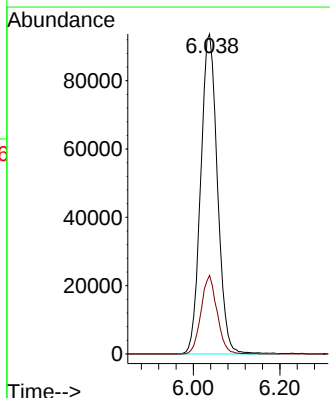
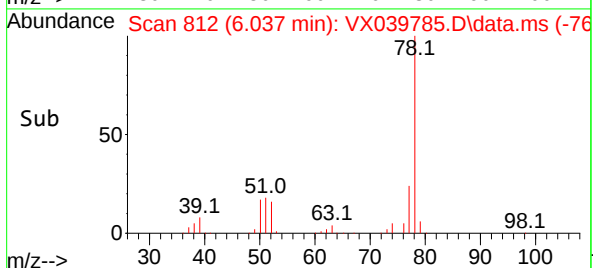
Supervised By :Mahesh Dadoda 01/17/2024

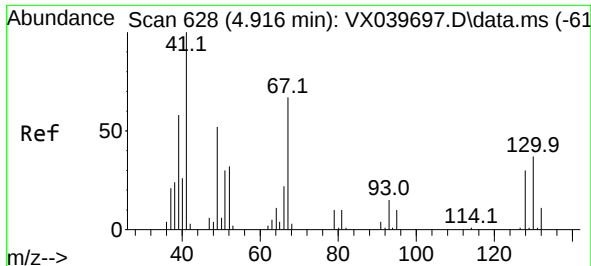


#40
Benzene
Concen: 51.151 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41



Tgt Ion: 78 Resp: 251144
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9





#41
Methacrylonitrile
Concen: 51.713 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

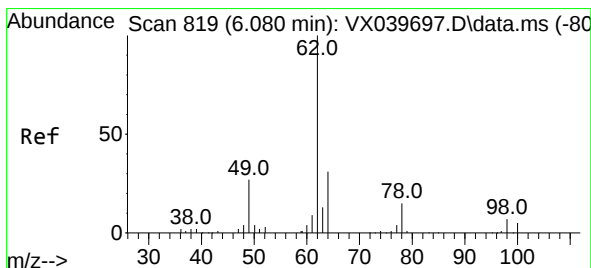
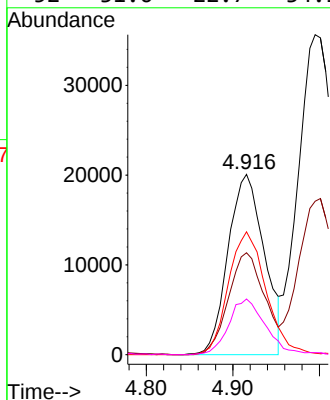
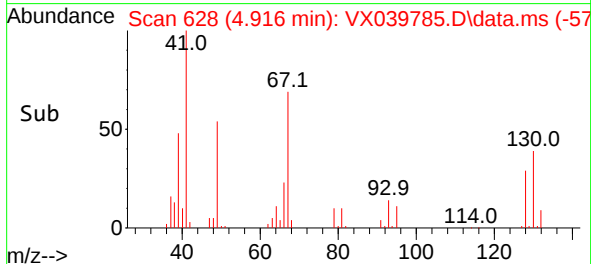
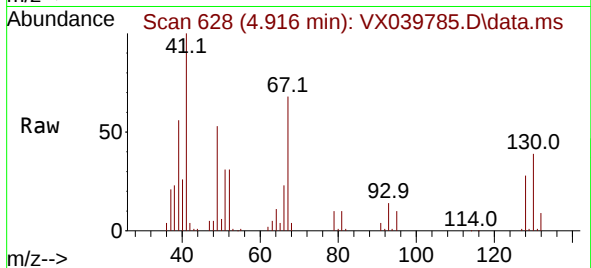
Tgt Ion: 41 Resp: 58490
Ion Ratio Lower Upper
41 100
39 56.1 45.2 67.8
67 70.5 52.6 78.8
52 31.6 22.7 34.1

Manual Integrations

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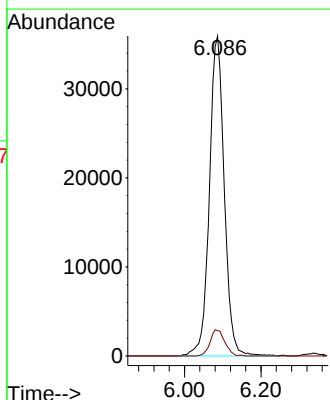
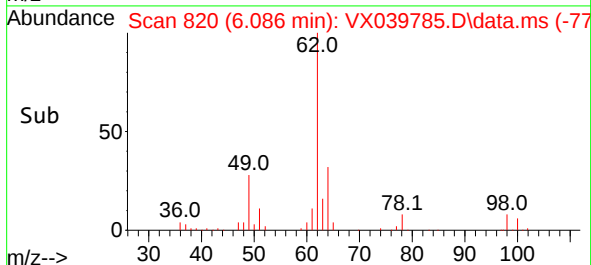
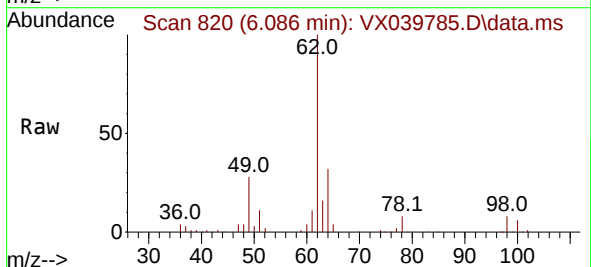
Reviewed By :John Carlone 01/17/2024

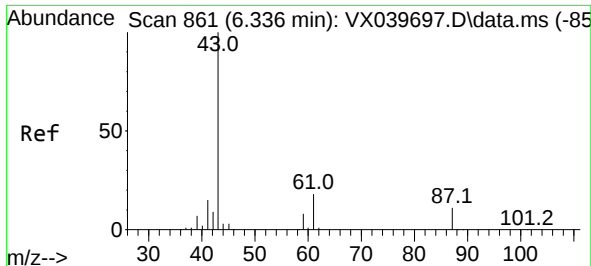
Supervised By :Mahesh Dadoda 01/17/2024



#42
1,2-Dichloroethane
Concen: 51.968 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

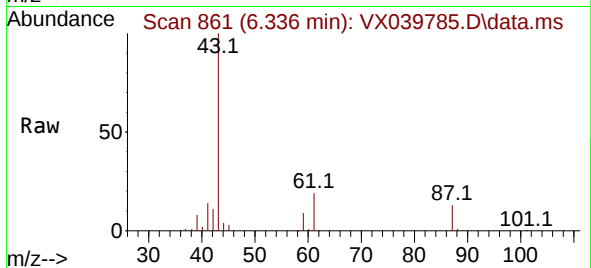
Tgt Ion: 62 Resp: 97006
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 51.239 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

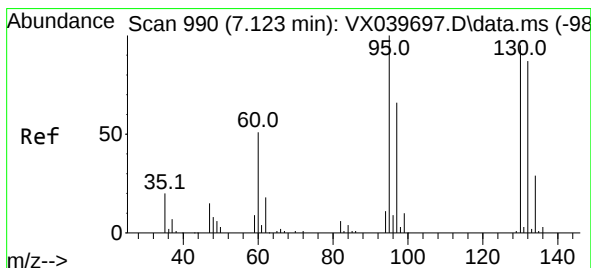
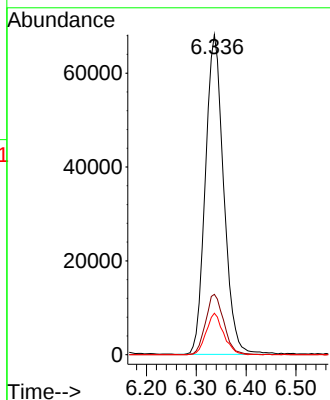
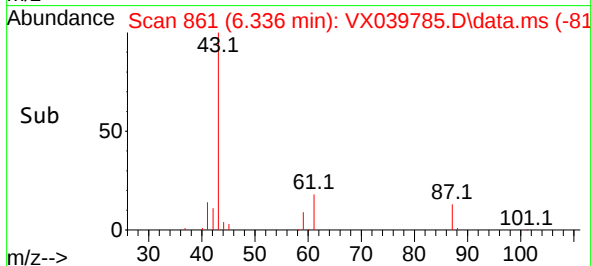
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 173872
Ion Ratio Lower Upper
43 100
61 18.7 15.2 22.8
87 12.2 9.8 14.6

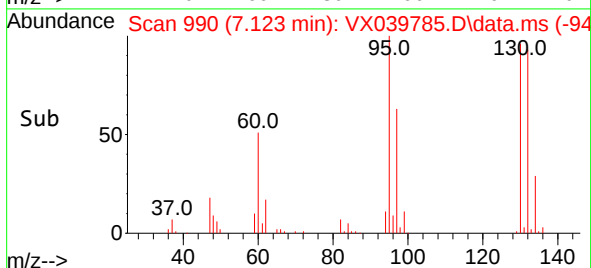
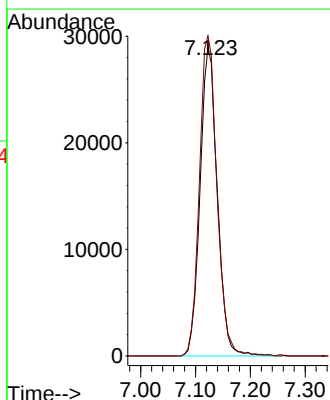
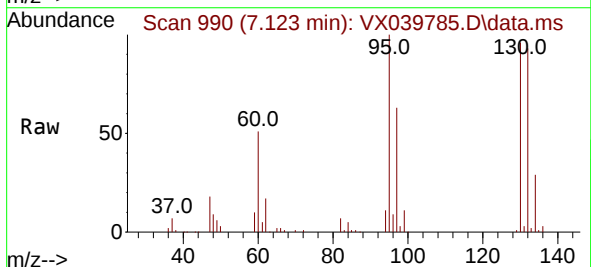
Manual Integrations
APPROVED

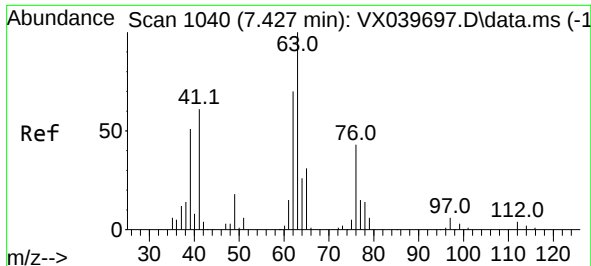
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#44
Trichloroethene
Concen: 52.518 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Tgt Ion:130 Resp: 63195
Ion Ratio Lower Upper
130 100
95 103.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.056 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039785.D

Acq: 16 Jan 2024 19:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 67240

Ion Ratio Lower Upper

63 100

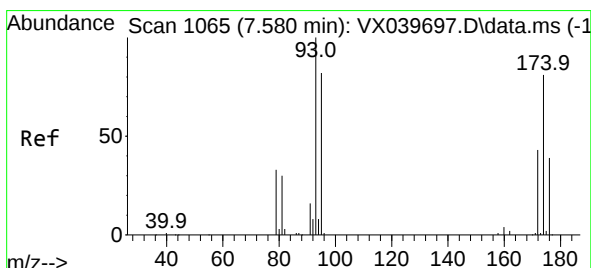
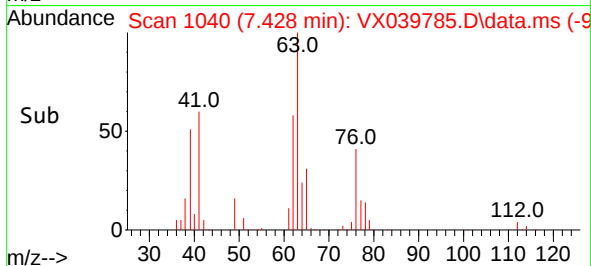
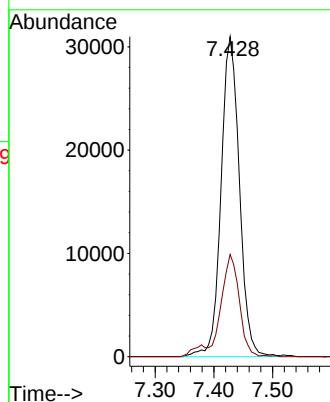
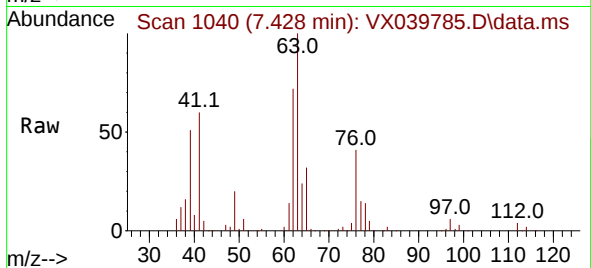
65 32.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2024

Supervised By :Mahesh Dadoda 01/17/2024



#46

Dibromomethane

Concen: 52.366 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039785.D

Acq: 16 Jan 2024 19:41

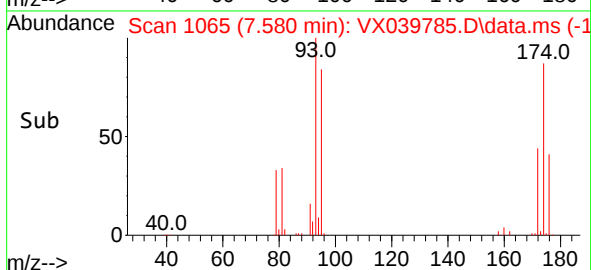
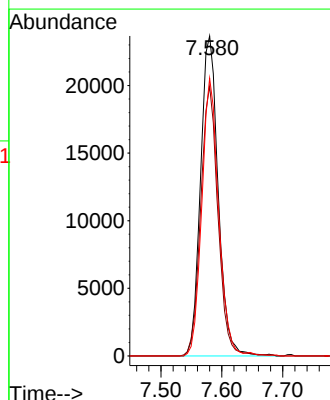
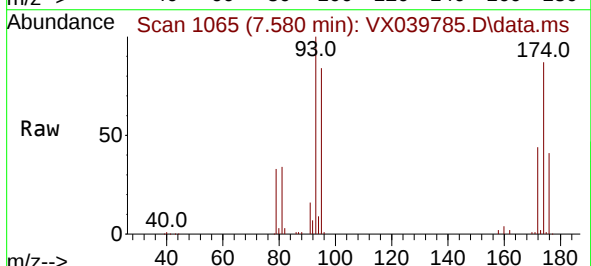
Tgt Ion: 93 Resp: 47639

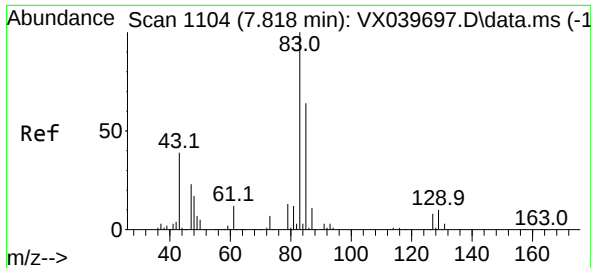
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

174 83.5 69.4 104.0





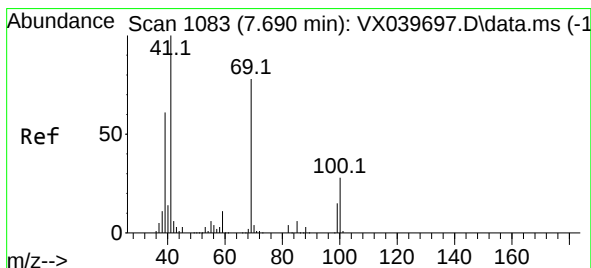
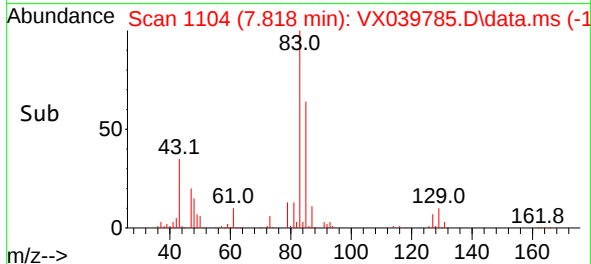
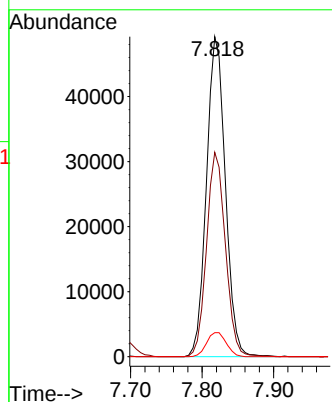
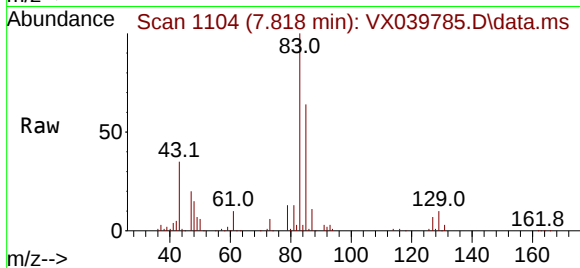
#47
Bromodichloromethane
Concen: 53.622 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 90345
Ion Ratio Lower Upper
83 100
85 63.9 49.8 74.6
127 7.5 7.1 10.7

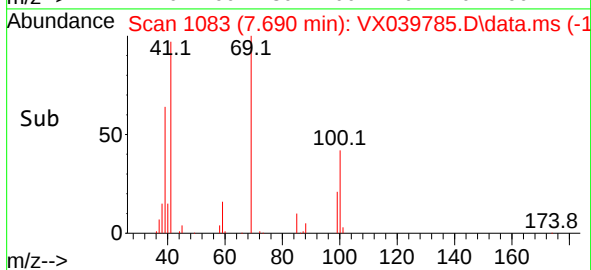
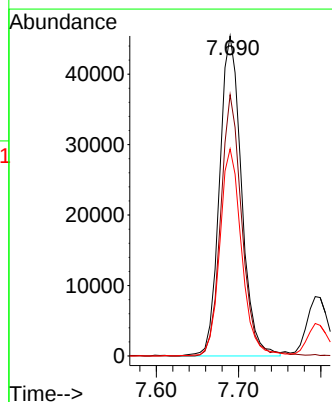
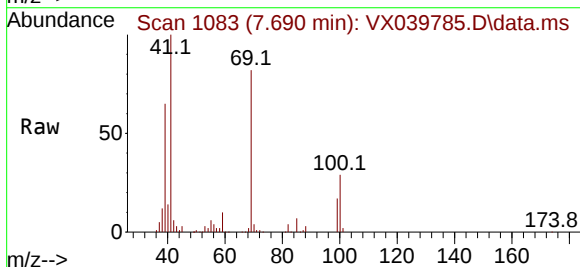
Manual Integrations
APPROVED

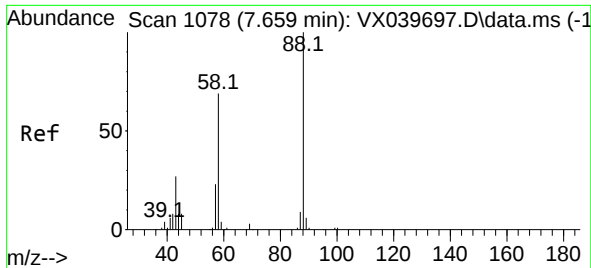
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#48
Methyl methacrylate
Concen: 50.671 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

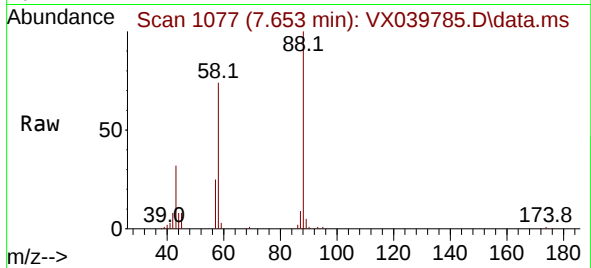
Tgt Ion: 41 Resp: 84517
Ion Ratio Lower Upper
41 100
69 78.3 59.2 88.8
39 64.0 47.7 71.5





#49
1,4-Dioxane
Concen: 1022.058 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

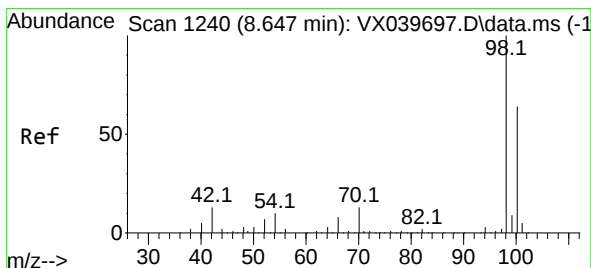
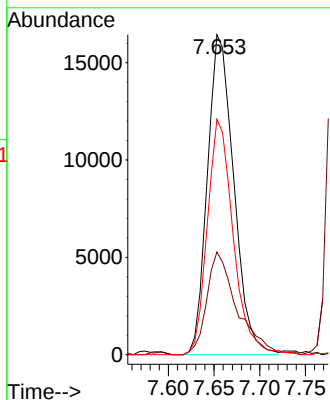
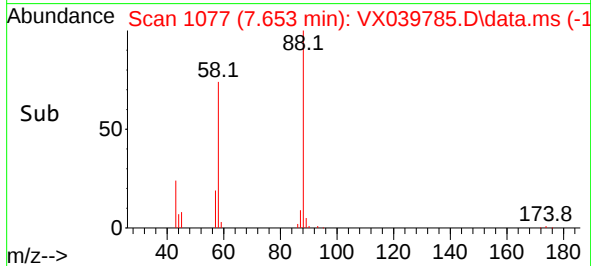
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 32980
Ion Ratio Lower Upper
88 100
43 36.9 0.0 0.0
58 72.2 60.1 90.1

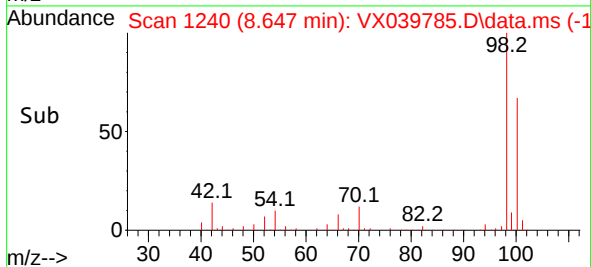
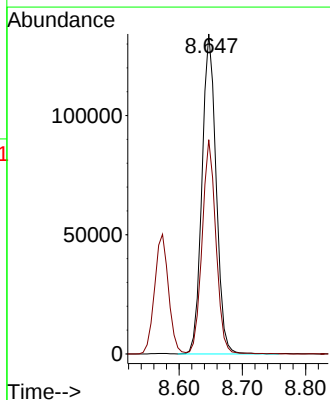
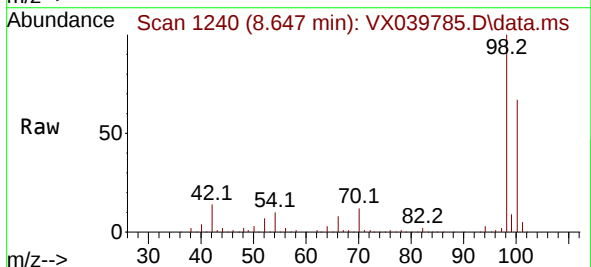
Manual Integrations
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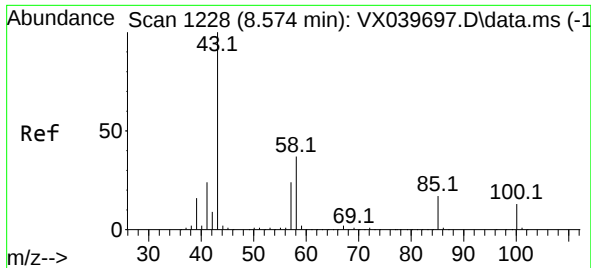
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#50
Toluene-d8
Concen: 49.812 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Tgt Ion: 98 Resp: 209277
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7





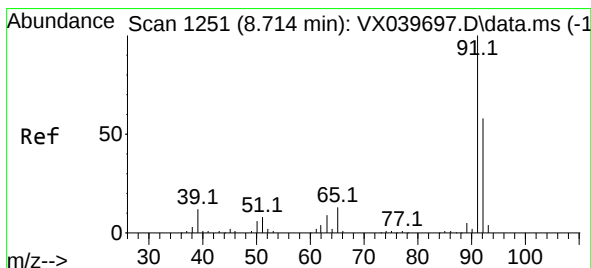
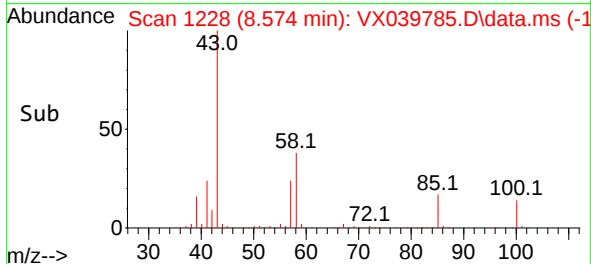
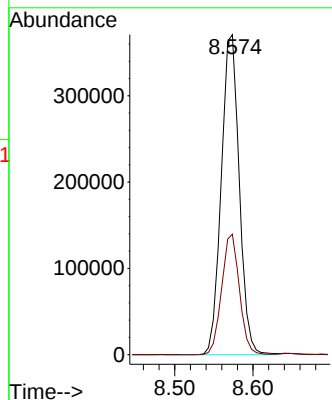
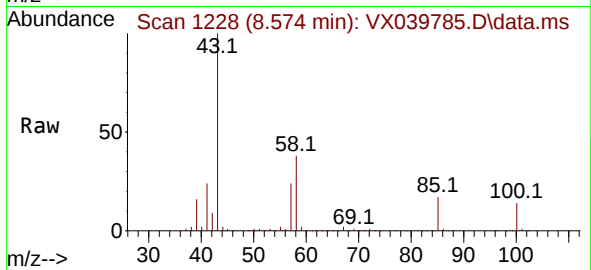
#51
4-Methyl-2-Pentanone
Concen: 254.081 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 593790
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6

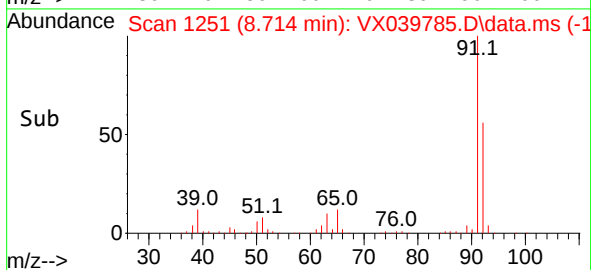
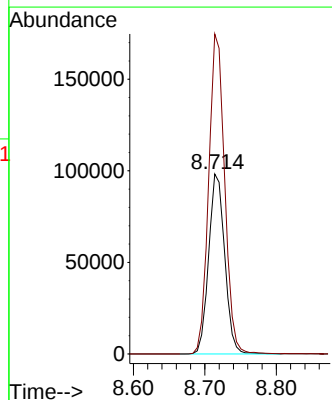
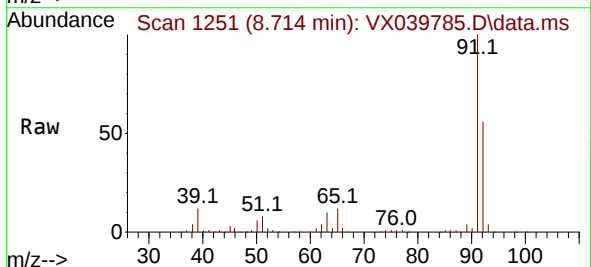
Manual Integrations
APPROVED

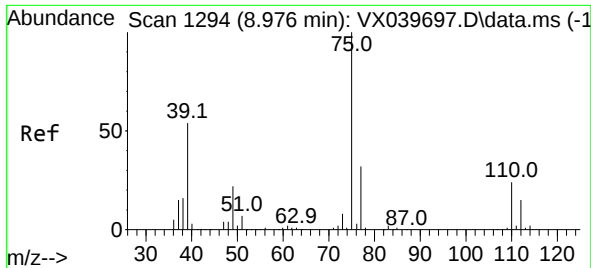
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#52
Toluene
Concen: 52.294 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Tgt Ion: 92 Resp: 153358
Ion Ratio Lower Upper
92 100
91 177.3 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 54.222 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Instrument :

MSVOA_X

ClientSampleId :

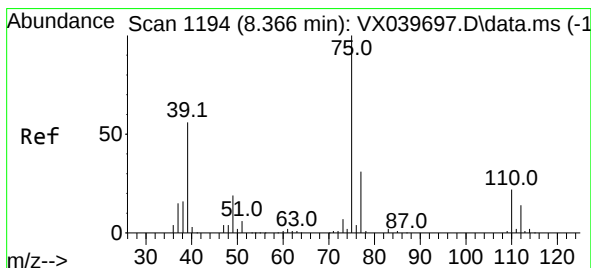
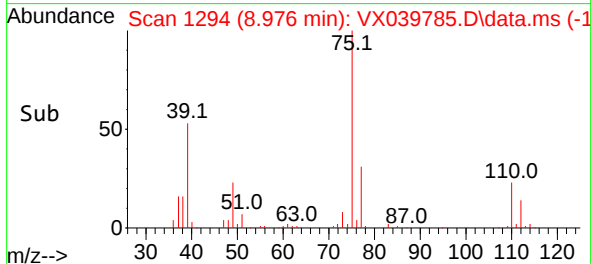
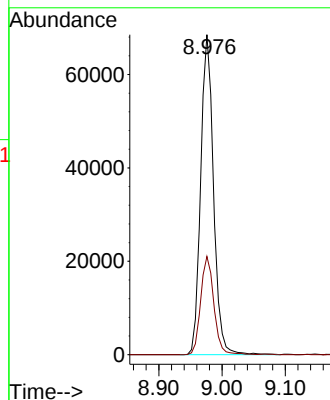
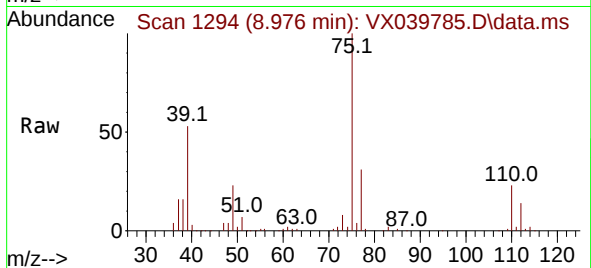
VSTDCCC050EC

Tgt Ion: 75 Resp: 9694
Ion Ratio Lower Upper
75 100
77 30.7 25.7 38.5

Manual Integrations

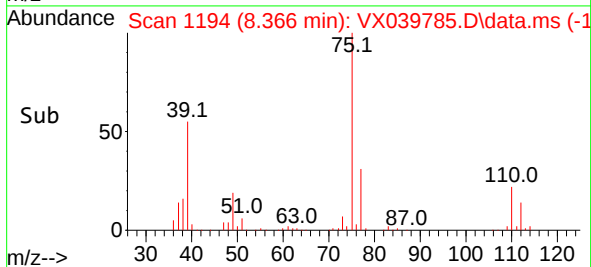
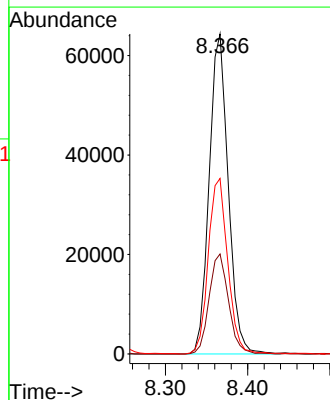
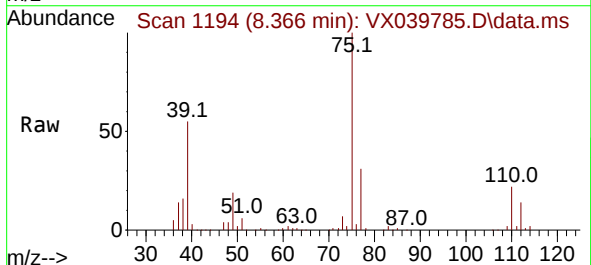
APPROVED

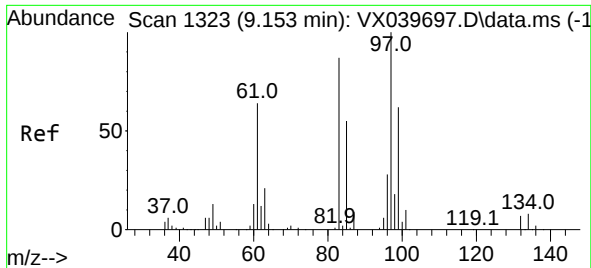
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#54
cis-1,3-Dichloropropene
Concen: 52.594 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Tgt Ion: 75 Resp: 103394
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9
39 54.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 51.919 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

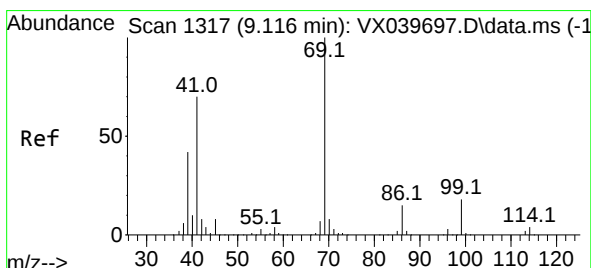
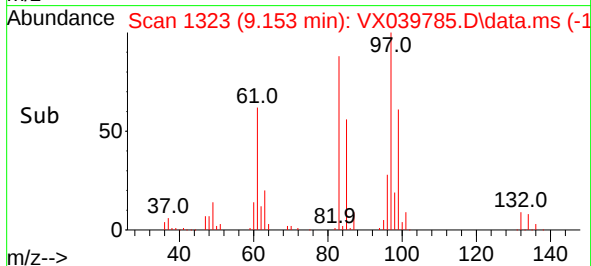
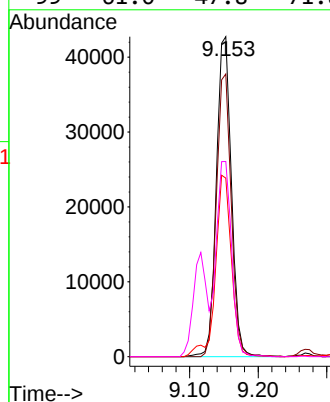
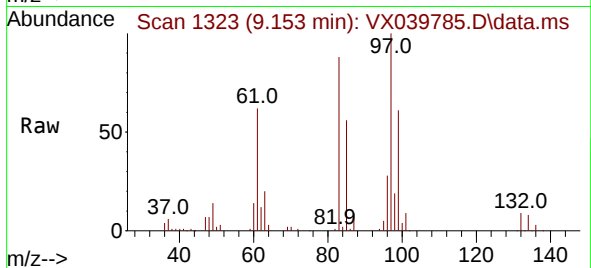
Tgt Ion: 97 Resp: 64825
Ion Ratio Lower Upper
97 100
83 88.4 65.8 98.8
85 55.8 41.6 62.4
99 61.0 47.8 71.8

Manual Integrations

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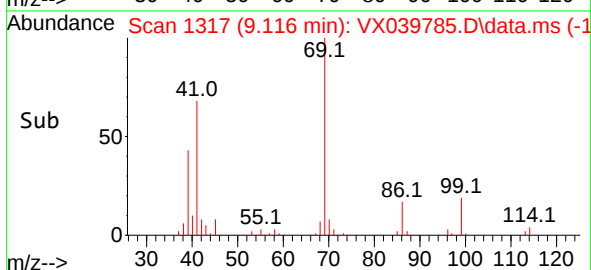
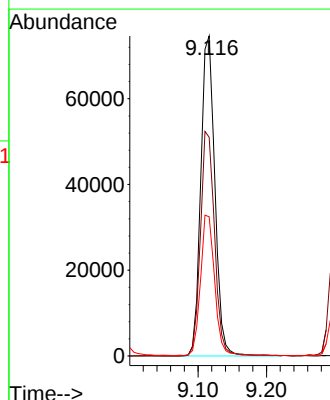
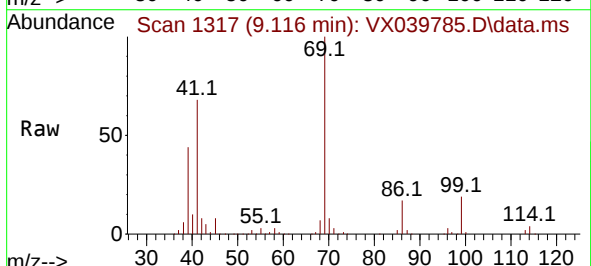
Reviewed By :John Carlone 01/17/2024

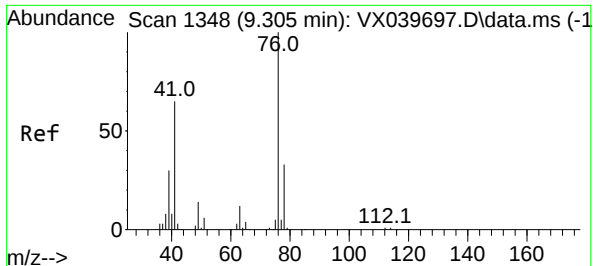
Supervised By :Mahesh Dadoda 01/17/2024



#56
Ethyl methacrylate
Concen: 52.986 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Tgt Ion: 69 Resp: 107073
Ion Ratio Lower Upper
69 100
41 70.4 56.8 85.2
39 44.1 32.0 48.0





#57

1,3-Dichloropropane

Concen: 52.150 ug/l

RT: 9.305 min Scan# 11034

Delta R.T. 0.000 min

Lab File: VX039785.D

Acq: 16 Jan 2024 19:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 11034

Ion Ratio Lower Upper

76 100

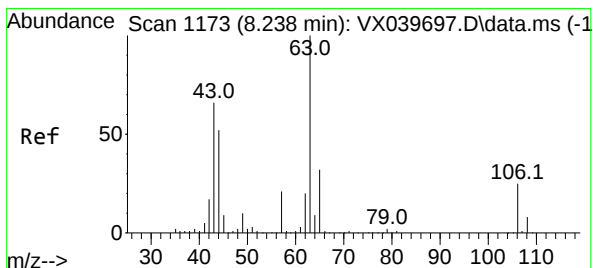
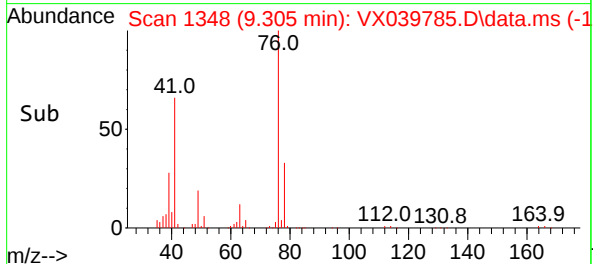
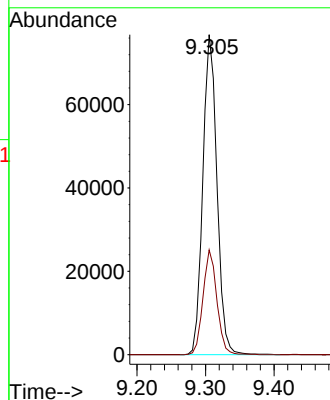
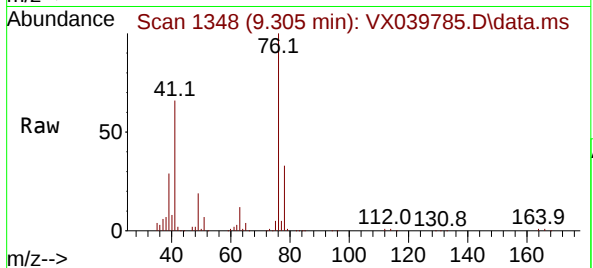
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2024

Supervised By :Mahesh Dadoda 01/17/2024



#58

2-Chloroethyl Vinyl ether

Concen: 249.238 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039785.D

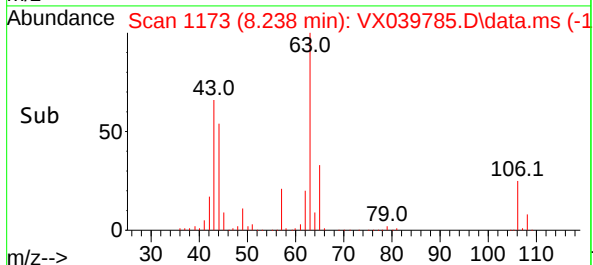
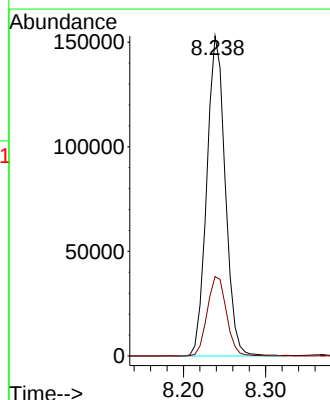
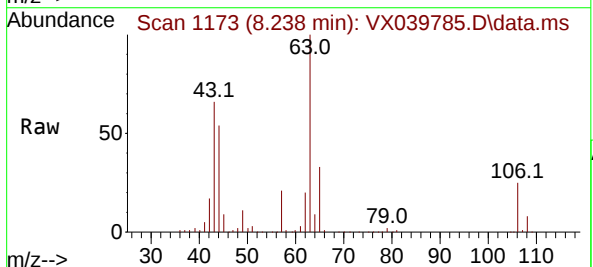
Acq: 16 Jan 2024 19:41

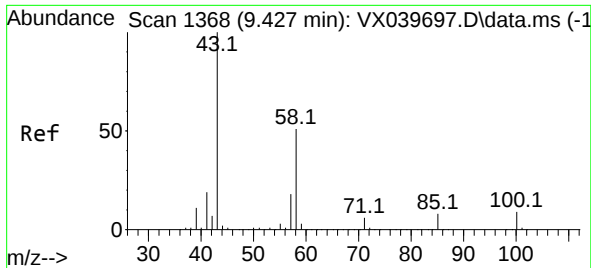
Tgt Ion: 63 Resp: 238067

Ion Ratio Lower Upper

63 100

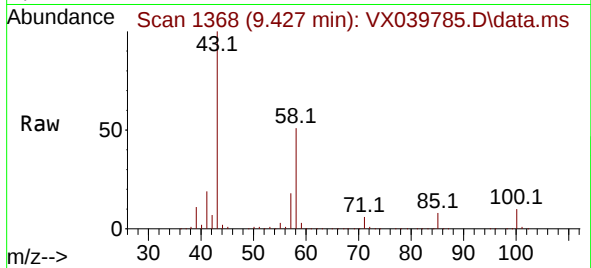
106 25.8 22.5 33.7





#59
2-Hexanone
Concen: 255.179 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

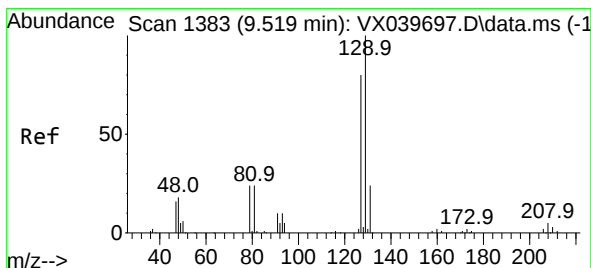
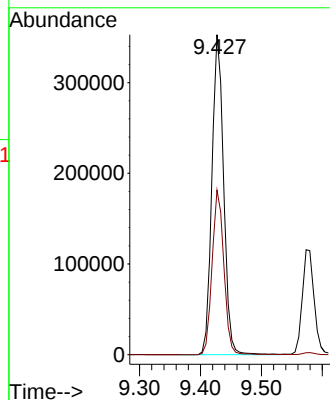
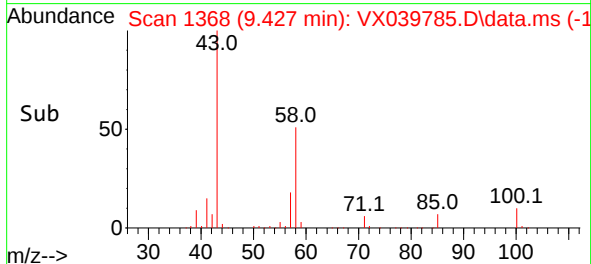
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 47198
Ion Ratio Lower Upper
43 100
58 51.5 26.2 78.5

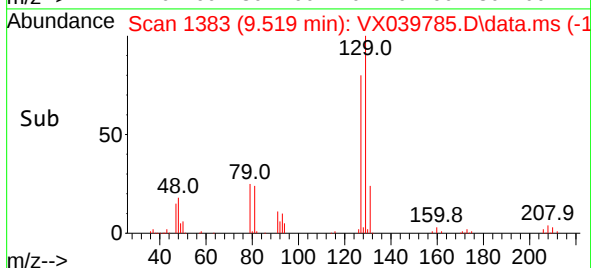
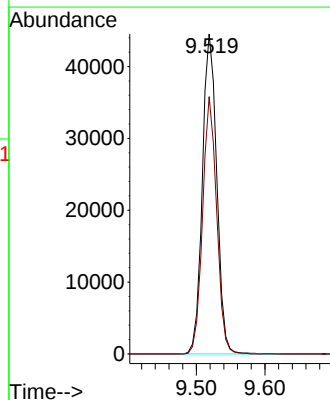
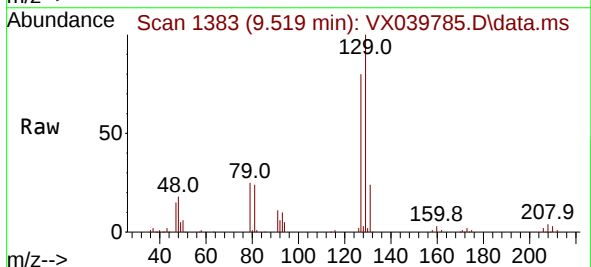
Manual Integrations
APPROVED

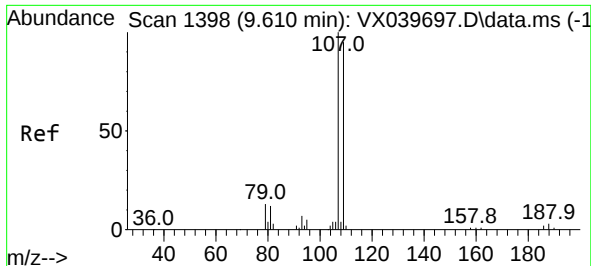
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#60
Dibromochloromethane
Concen: 55.322 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

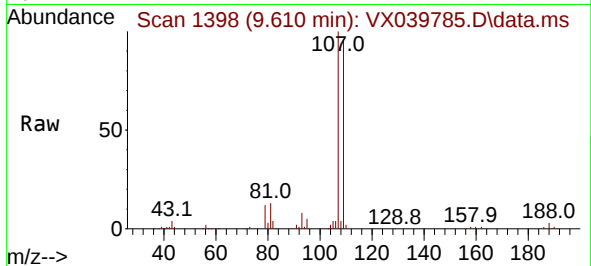
Tgt Ion:129 Resp: 65140
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.670 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

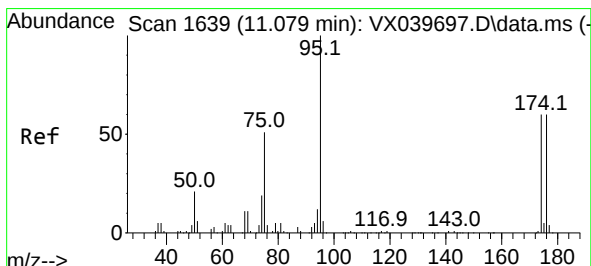
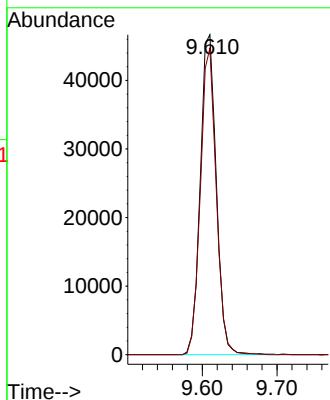
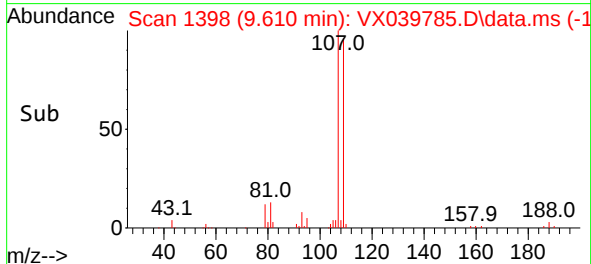
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



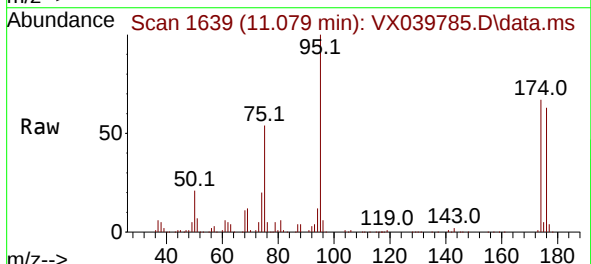
Tgt Ion:107 Resp: 6939
Ion Ratio Lower Upper
107 100
109 94.5 75.2 112.8

Manual Integrations
APPROVED

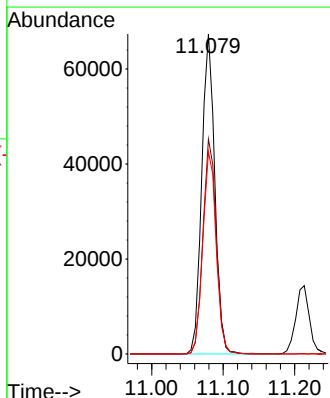
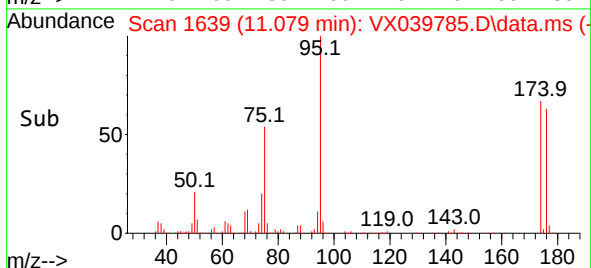
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024

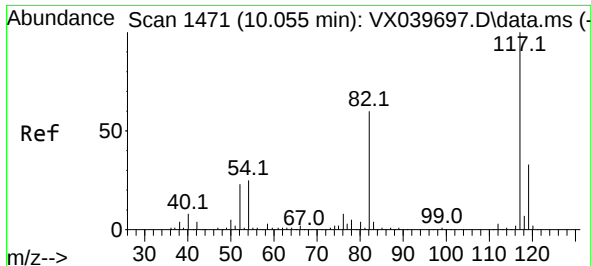


#62
4-Bromofluorobenzene
Concen: 51.917 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41



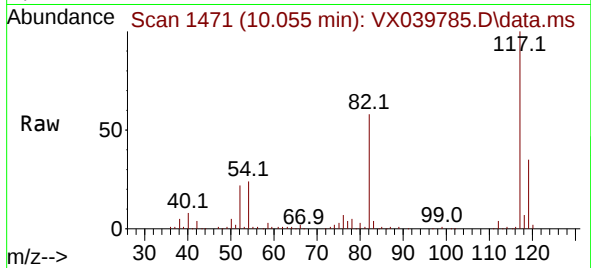
Tgt Ion: 95 Resp: 85296
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.6
176 64.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

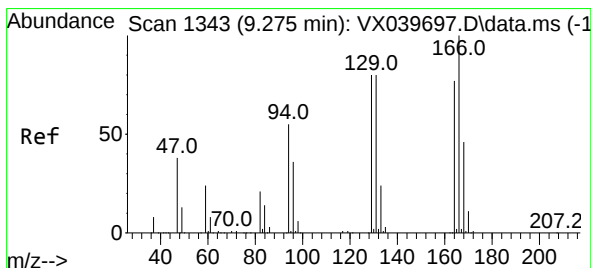
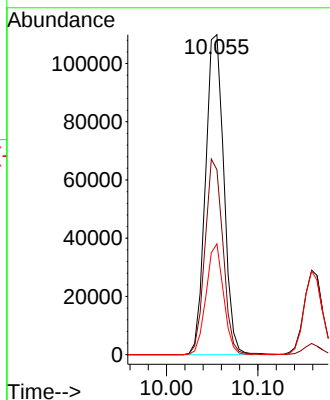
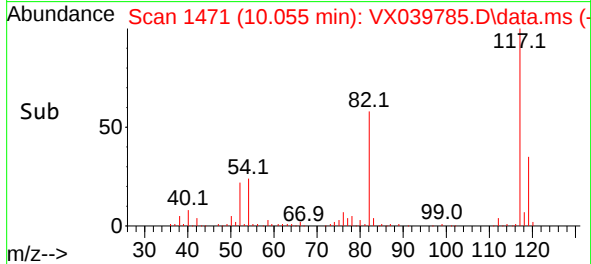
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 15304
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 34.7 25.5 38.3

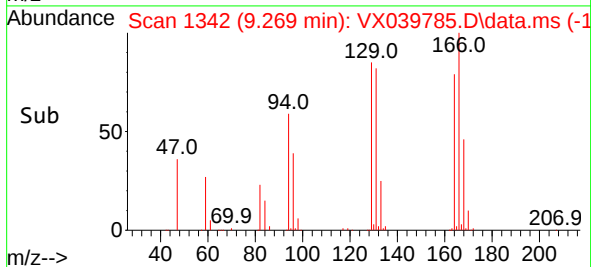
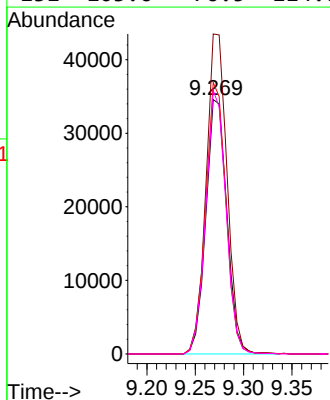
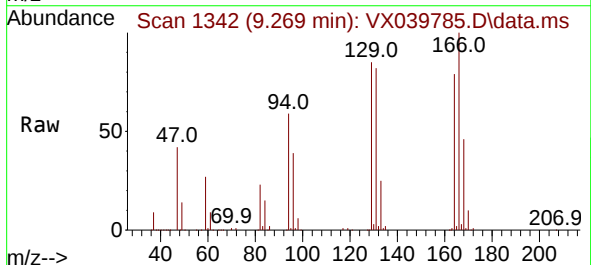
Manual Integrations
APPROVED

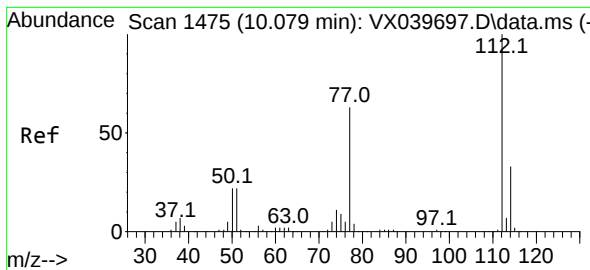
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#64
Tetrachloroethene
Concen: 52.358 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Tgt Ion:164 Resp: 52110
Ion Ratio Lower Upper
164 100
166 125.8 102.7 154.1
129 106.7 80.4 120.6
131 103.6 76.5 114.7





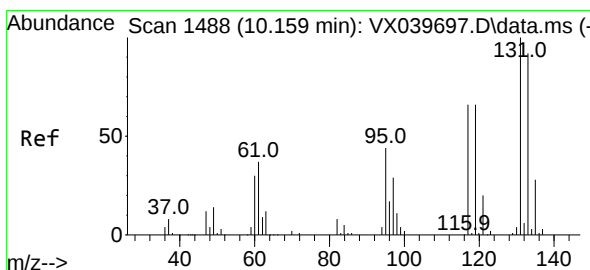
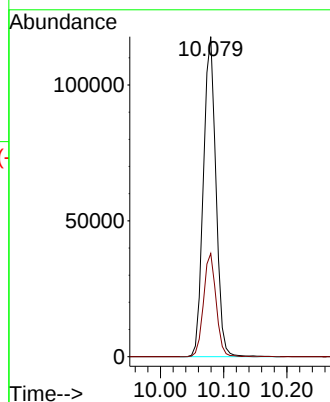
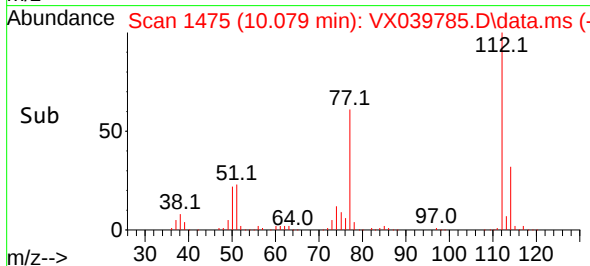
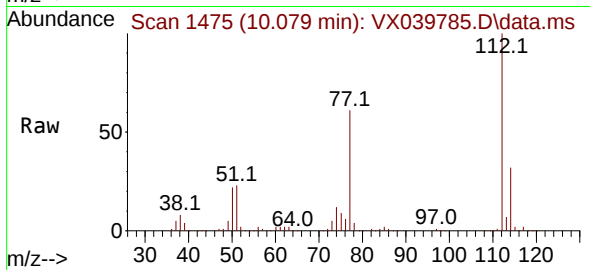
#65
Chlorobenzene
Concen: 51.097 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 162878
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

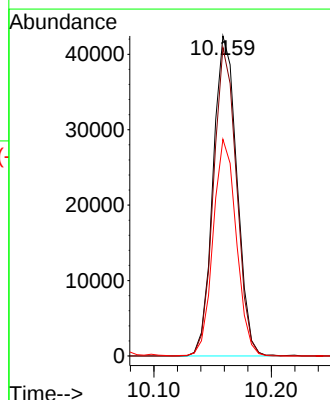
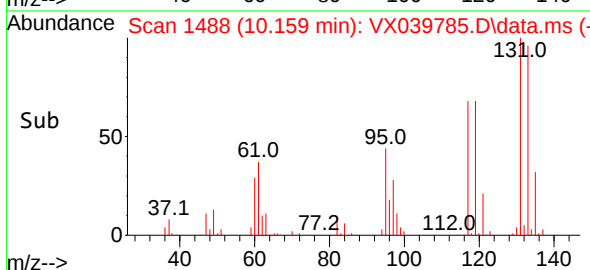
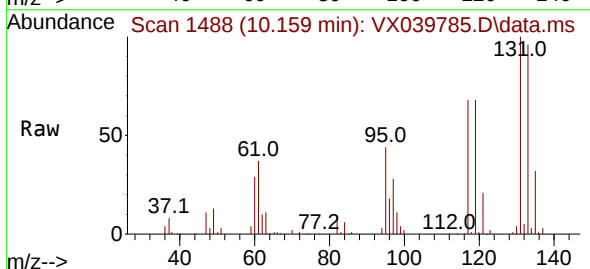
Manual Integrations
APPROVED

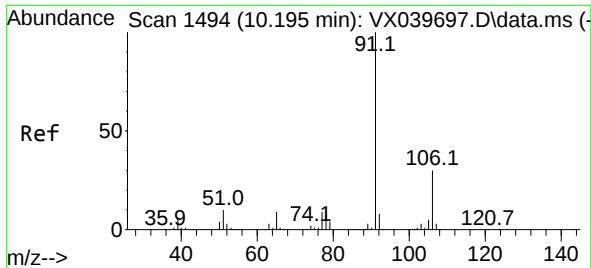
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 54.869 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

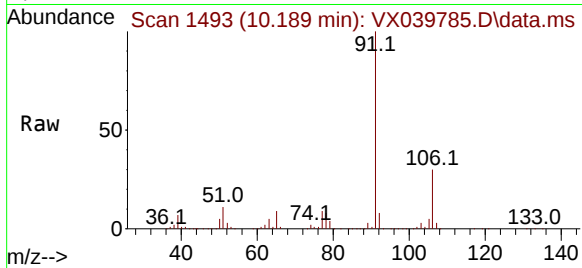
Tgt Ion:131 Resp: 59555
Ion Ratio Lower Upper
131 100
133 93.5 47.1 141.4
119 66.1 32.2 96.6





#67
Ethyl Benzene
Concen: 52.498 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

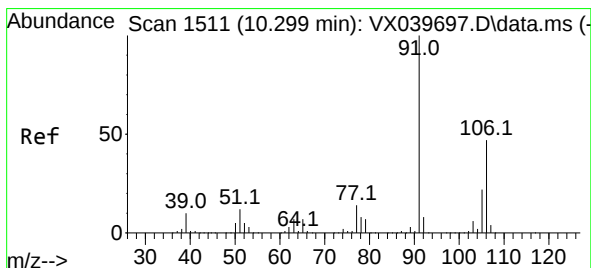
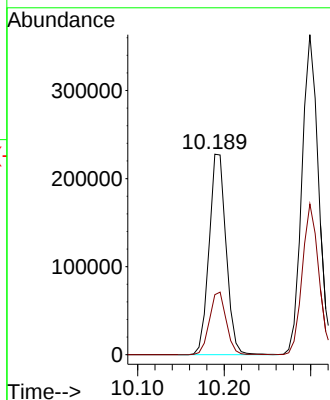
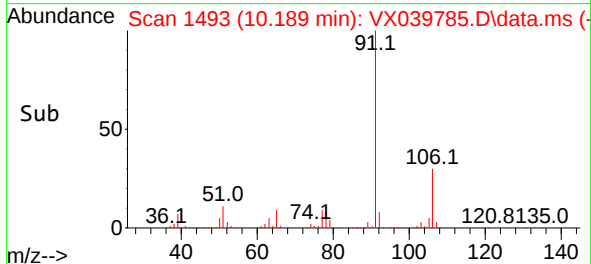
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



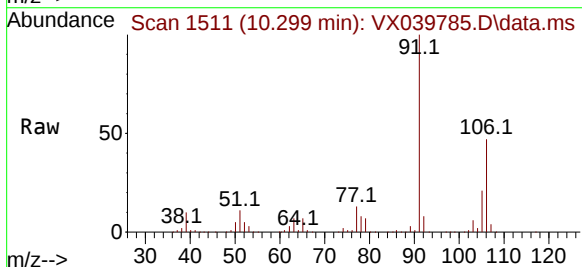
Tgt Ion: 91 Resp: 310684
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

Manual Integrations
APPROVED

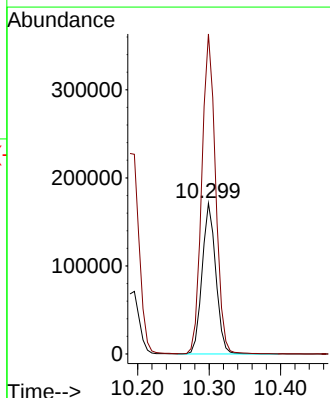
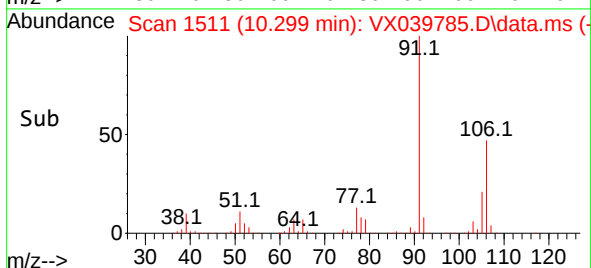
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024

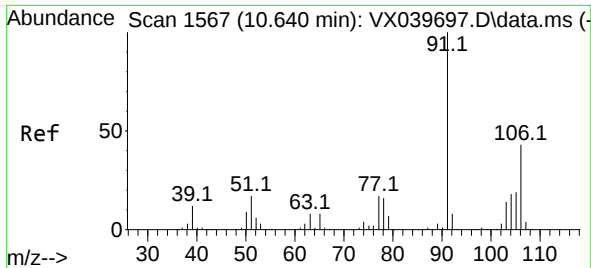


#68
m/p-Xylenes
Concen: 104.576 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41



Tgt Ion:106 Resp: 227606
Ion Ratio Lower Upper
106 100
91 214.1 165.5 248.3





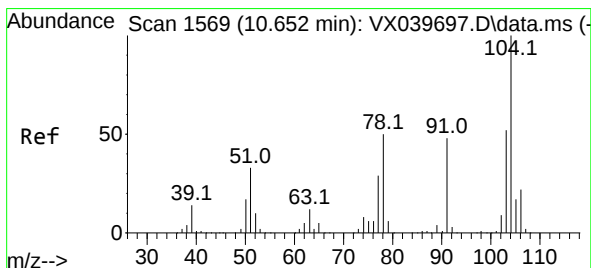
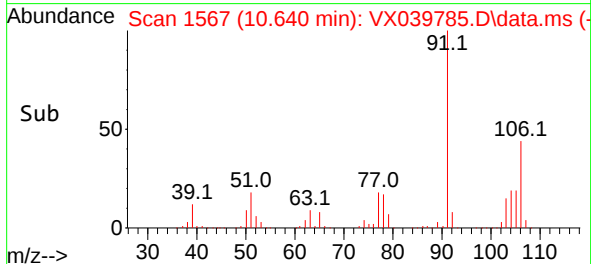
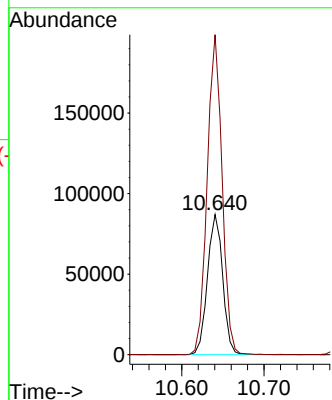
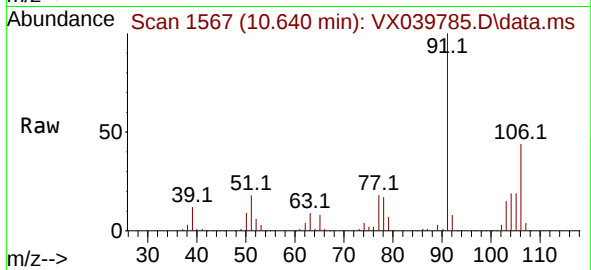
#69
o-Xylene
Concen: 51.956 ug/l
RT: 10.640 min Scan# 11198
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 11198
Ion Ratio Lower Upper
106 100
91 223.3 108.9 326.8

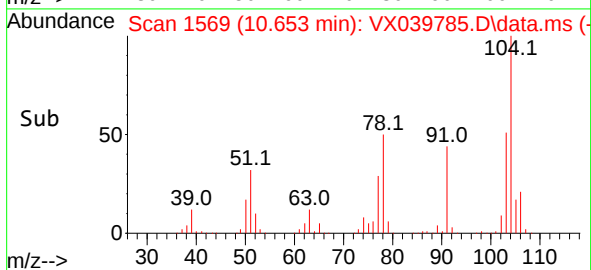
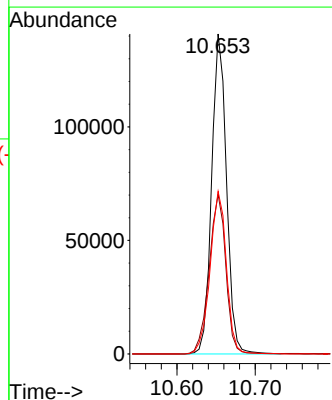
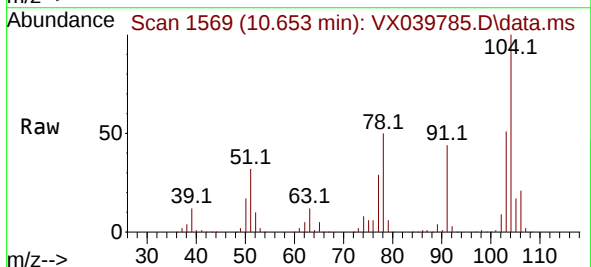
Manual Integrations
APPROVED

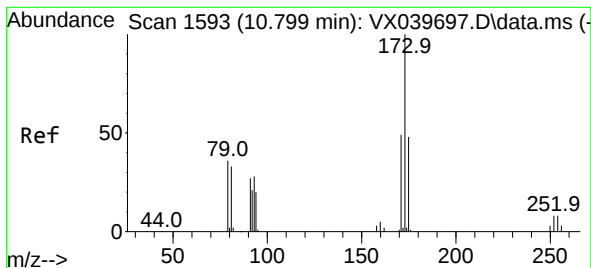
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#70
Styrene
Concen: 52.566 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

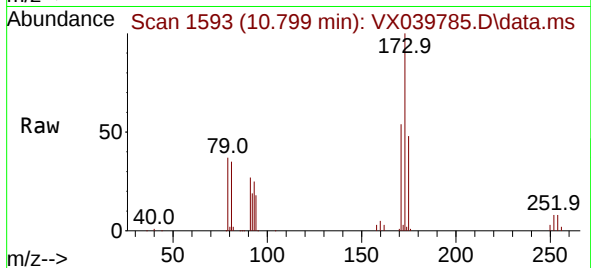
Tgt Ion:104 Resp: 185081
Ion Ratio Lower Upper
104 100
78 56.2 43.6 65.4
103 56.1 43.6 65.4





#71
Bromoform
Concen: 55.736 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

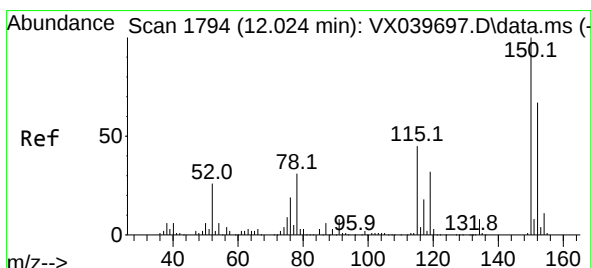
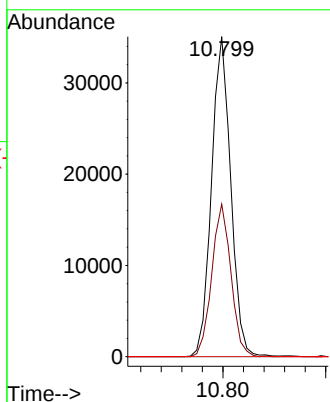
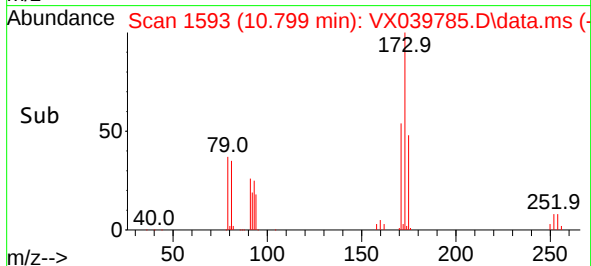
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 45420
Ion Ratio Lower Upper
173 100
175 47.5 24.1 72.4
254 0.0 0.0 0.0

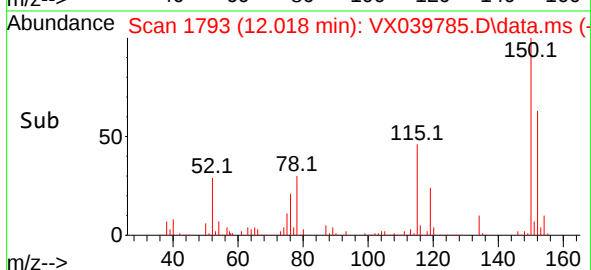
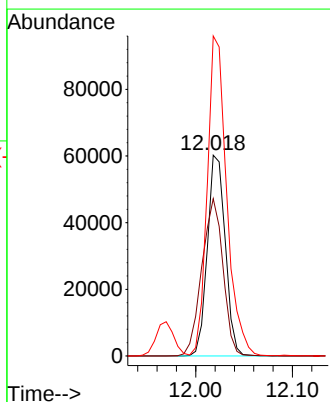
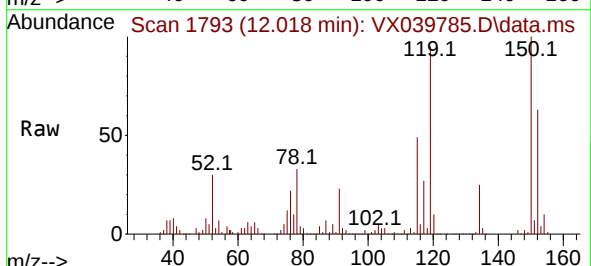
Manual Integrations
APPROVED

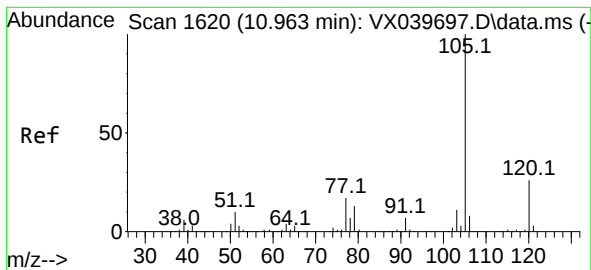
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Tgt Ion:152 Resp: 77506
Ion Ratio Lower Upper
152 100
115 92.6 43.3 129.9
150 173.0 0.0 345.0





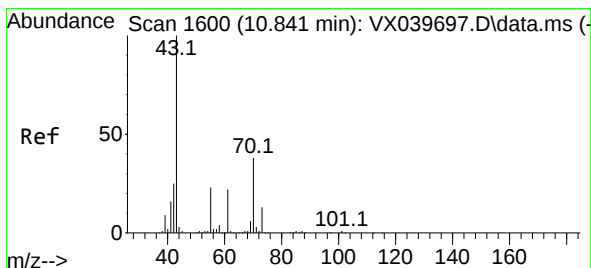
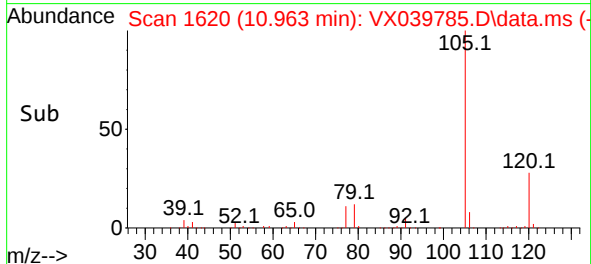
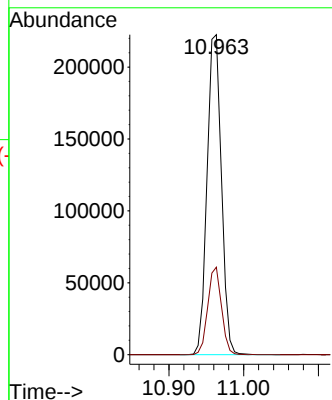
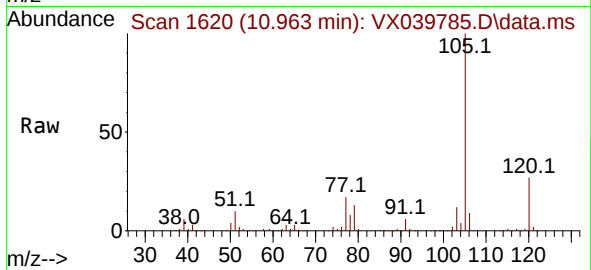
#73
Isopropylbenzene
Concen: 48.039 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 296439
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6

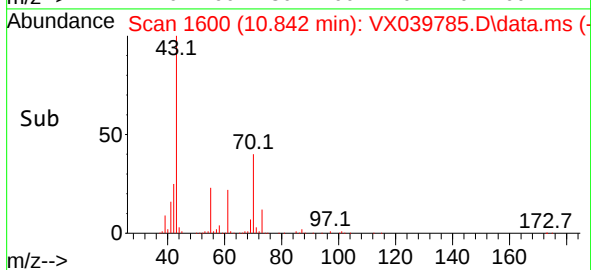
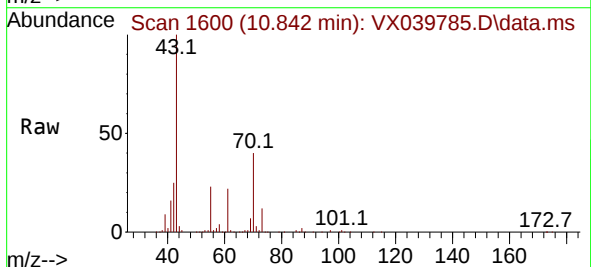
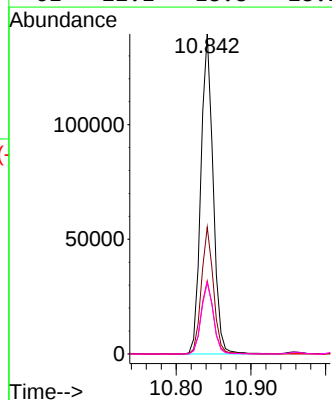
Manual Integrations
APPROVED

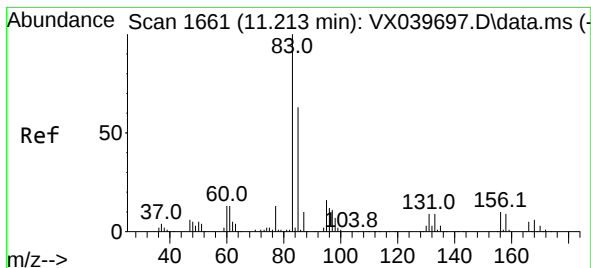
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#74
N-ethyl acetate
Concen: 49.301 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

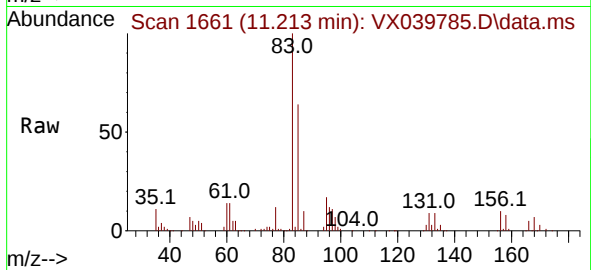
Tgt Ion: 43 Resp: 158577
Ion Ratio Lower Upper
43 100
70 38.8 32.9 49.3
55 22.9 19.3 28.9
61 22.1 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.082 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

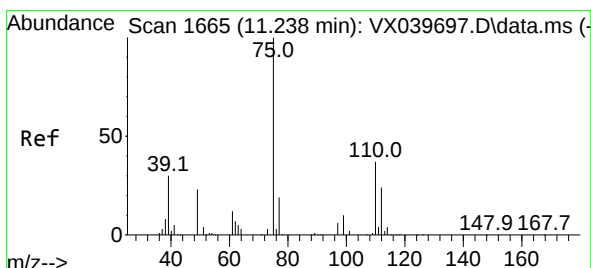
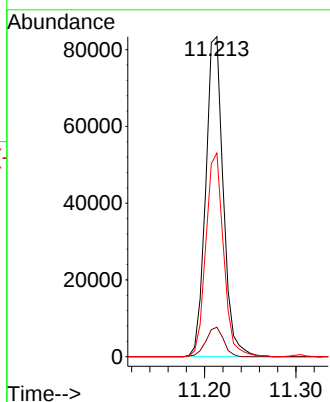
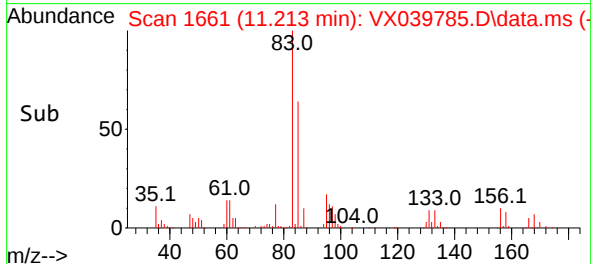
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 11094
Ion Ratio Lower Upper
83 100
131 9.3 5.3 15.8
85 64.0 32.0 96.2

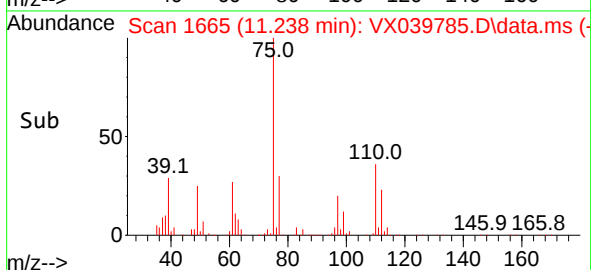
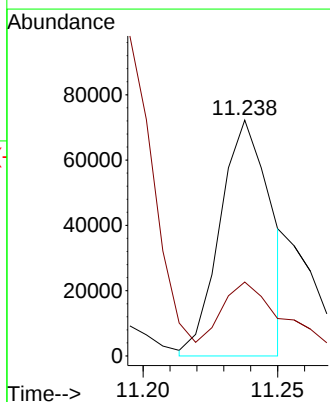
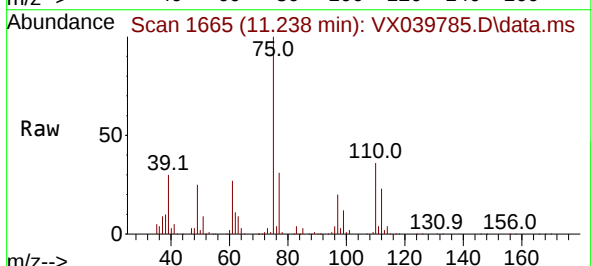
Manual Integrations
APPROVED

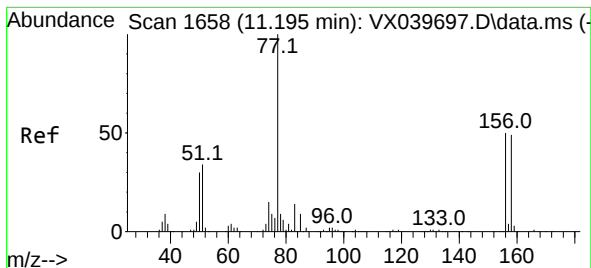
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#76
1,2,3-Trichloropropane
Concen: 46.994 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Tgt Ion: 75 Resp: 94430
Ion Ratio Lower Upper
75 100
77 40.4 19.1 57.5





#77

Bromobenzene

Concen: 49.228 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039785.D

Acq: 16 Jan 2024 19:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

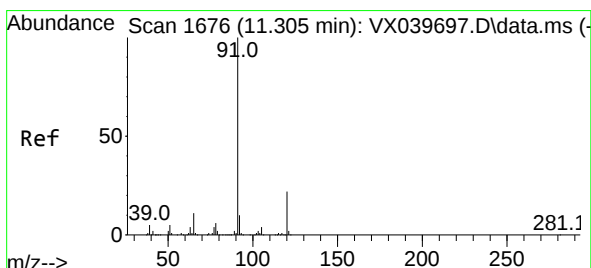
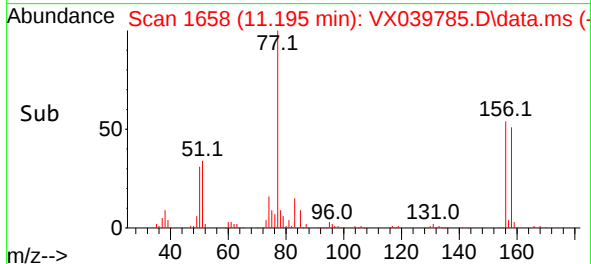
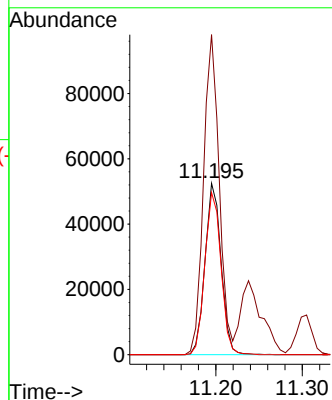
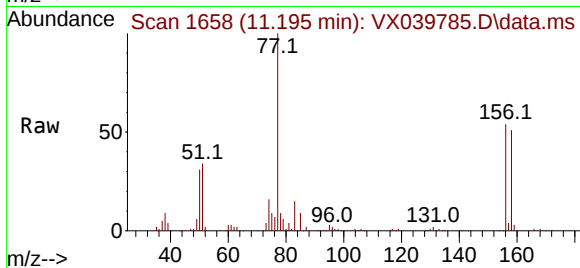
Tgt Ion:156 Resp: 67630
 Ion Ratio Lower Upper
 156 100
 77 182.2 88.4 265.3
 158 95.3 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2024

Supervised By :Mahesh Dadoda 01/17/2024



#78

n-propylbenzene

Concen: 48.908 ug/l

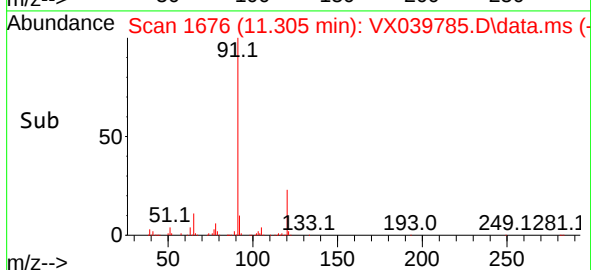
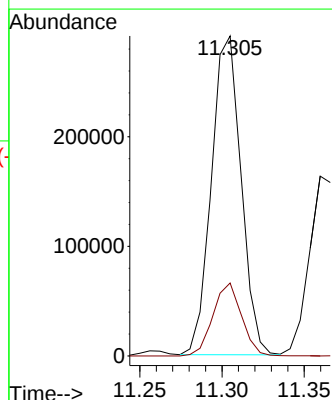
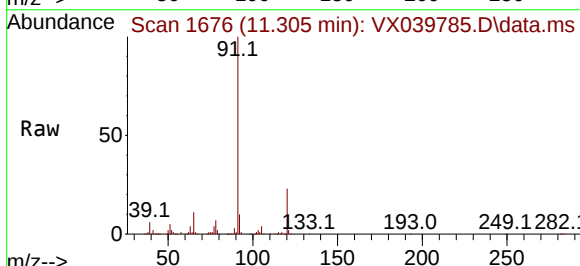
RT: 11.305 min Scan# 1676

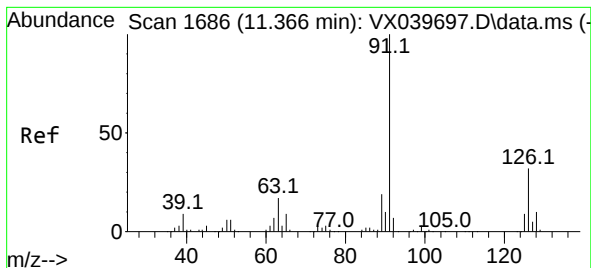
Delta R.T. 0.000 min

Lab File: VX039785.D

Acq: 16 Jan 2024 19:41

Tgt Ion: 91 Resp: 365277
 Ion Ratio Lower Upper
 91 100
 120 22.1 11.5 34.4





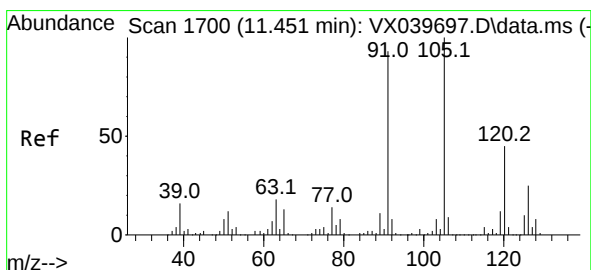
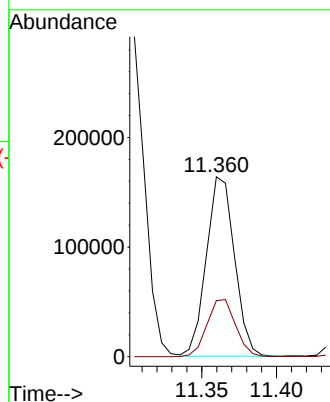
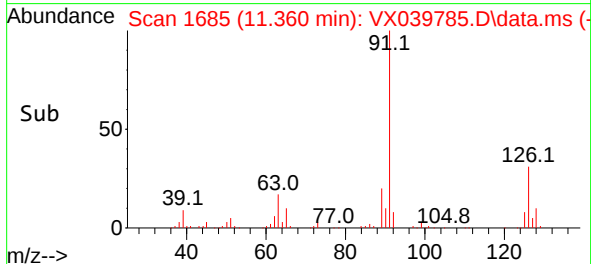
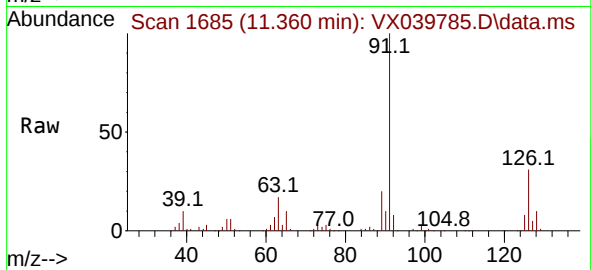
#79
2-Chlorotoluene
Concen: 46.493 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 214610
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8

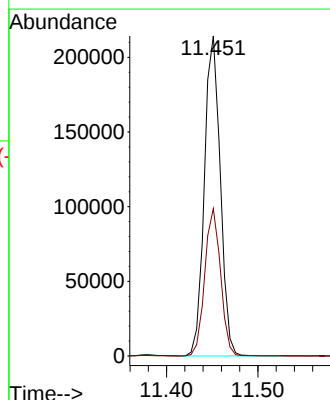
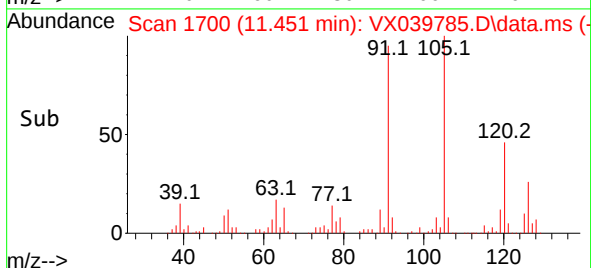
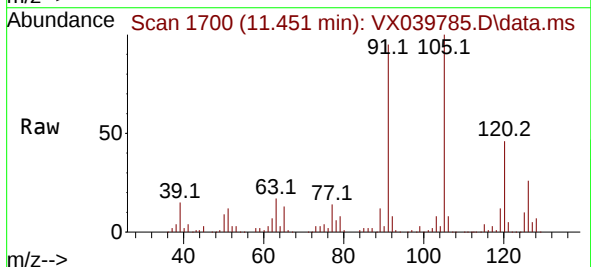
Manual Integrations
APPROVED

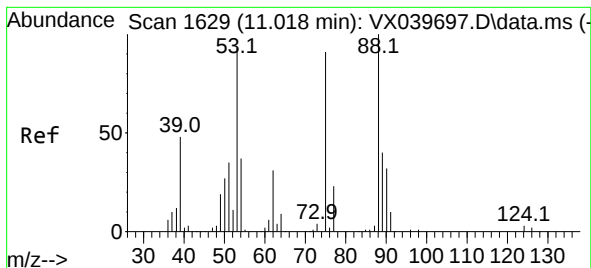
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.572 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Tgt Ion:105 Resp: 259802
Ion Ratio Lower Upper
105 100
120 45.7 24.1 72.3





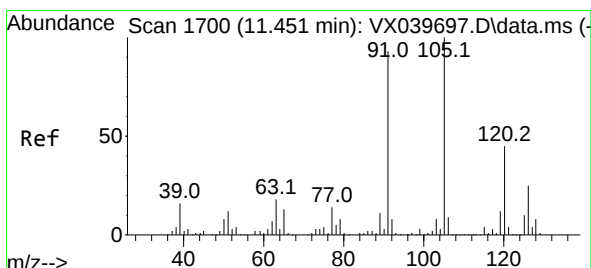
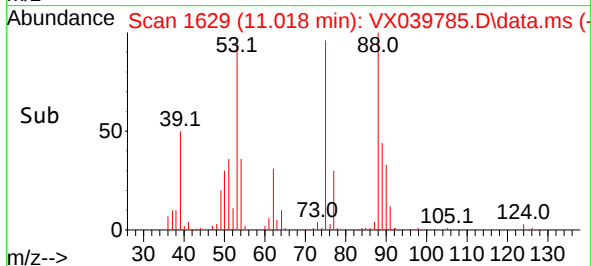
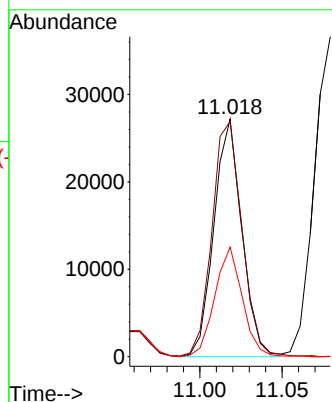
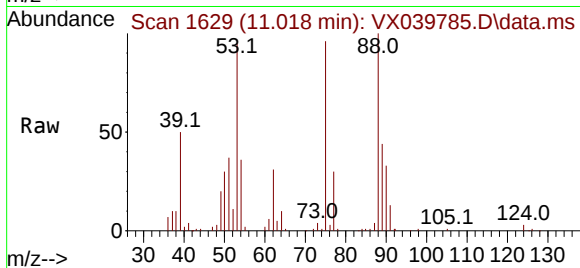
#81
trans-1,4-Dichloro-2-butene
Concen: 47.924 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 32104
Ion Ratio Lower Upper
75 100
53 106.0 90.5 135.7
89 45.5 36.9 55.3

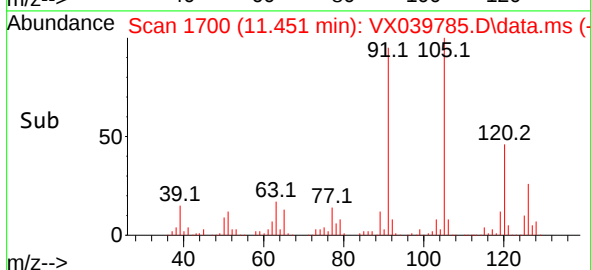
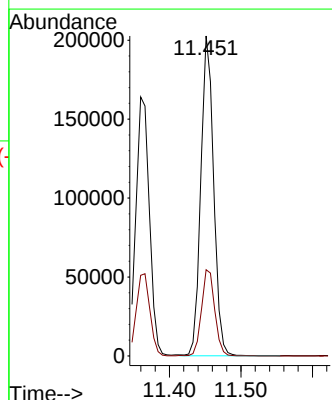
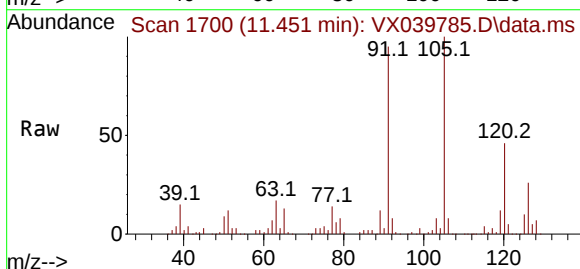
Manual Integrations
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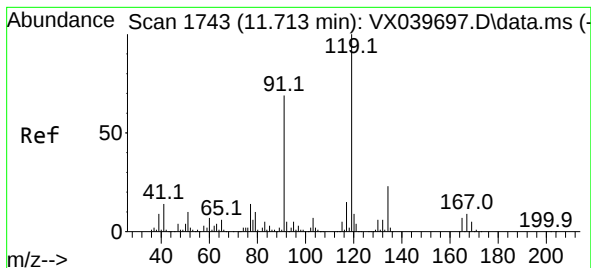
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#82
4-Chlorotoluene
Concen: 48.077 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

Tgt Ion: 91 Resp: 251727
Ion Ratio Lower Upper
91 100
126 27.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.882 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039785.D

Acq: 16 Jan 2024 19:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 244582

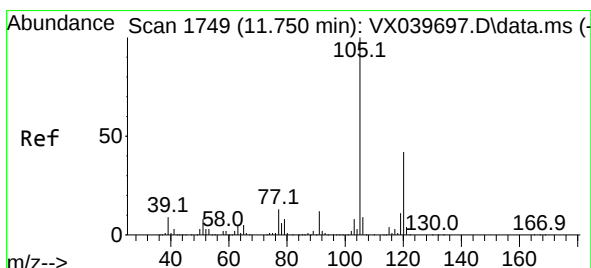
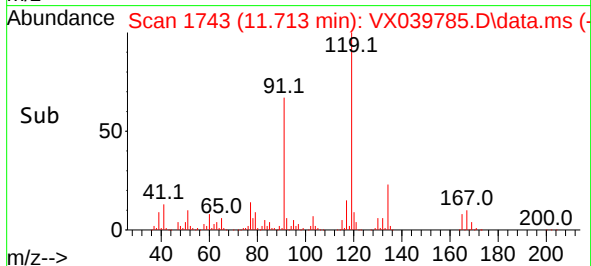
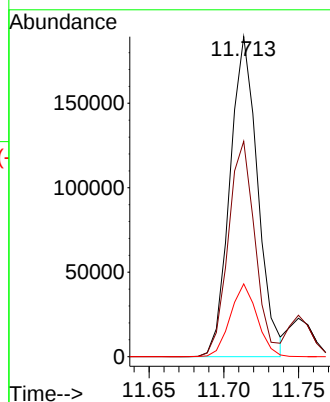
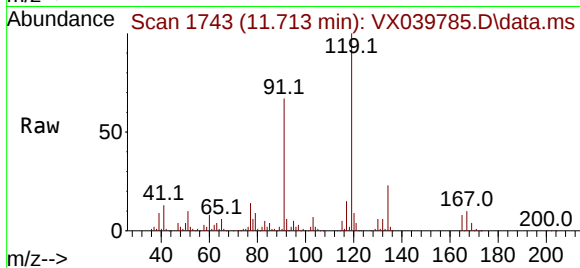
Ion	Ratio	Lower	Upper
119	100		
91	65.3	31.2	93.6
134	22.0	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2024

Supervised By :Mahesh Dadoda 01/17/2024



#84

1,2,4-Trimethylbenzene

Concen: 49.142 ug/l

RT: 11.750 min Scan# 1749

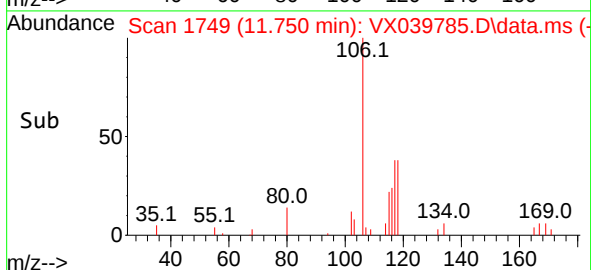
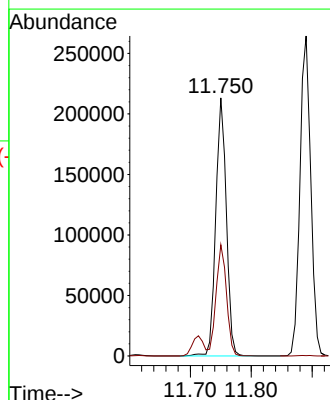
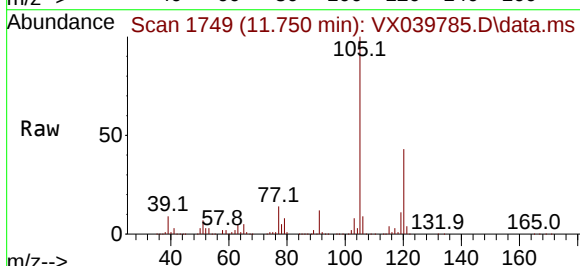
Delta R.T. 0.000 min

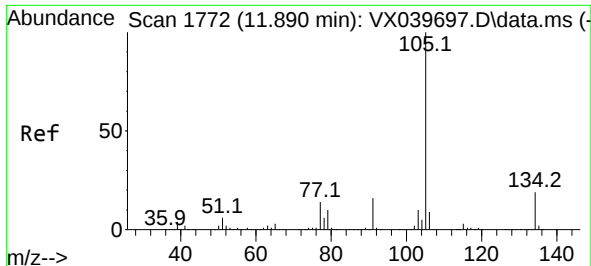
Lab File: VX039785.D

Acq: 16 Jan 2024 19:41

Tgt Ion:105 Resp: 256950

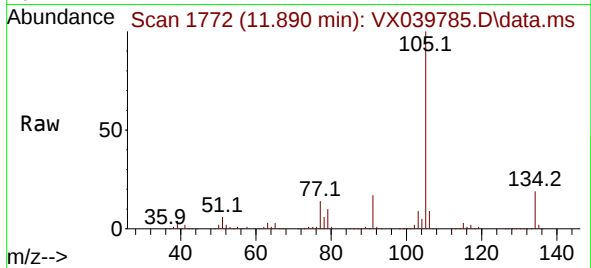
Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 50.117 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039785.D
 Acq: 16 Jan 2024 19:41

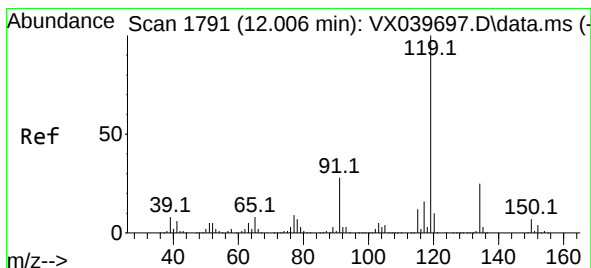
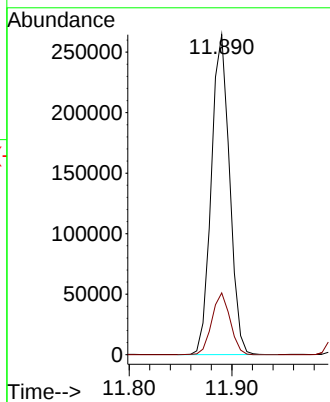
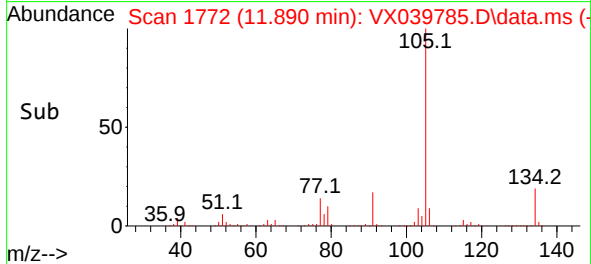
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



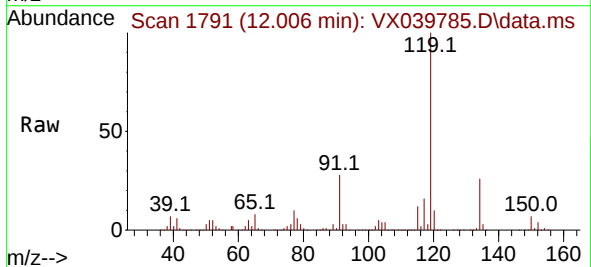
Tgt Ion:105 Resp: 325519
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

Manual Integrations
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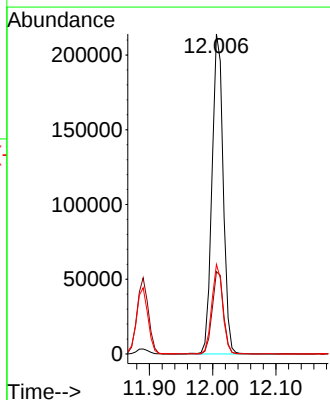
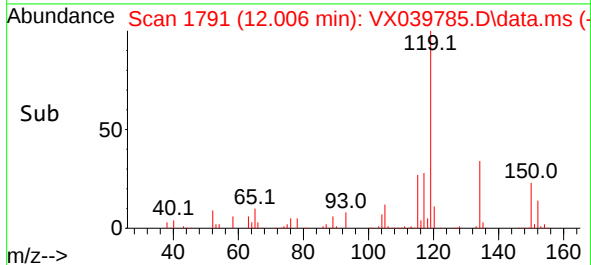
Reviewed By :John Carlone 01/17/2024
 Supervised By :Mahesh Dadoda 01/17/2024

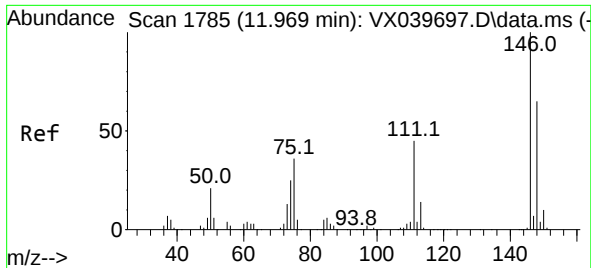


#86
 p-Isopropyltoluene
 Concen: 50.618 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039785.D
 Acq: 16 Jan 2024 19:41



Tgt Ion:119 Resp: 262766
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 27.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.435 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039785.D

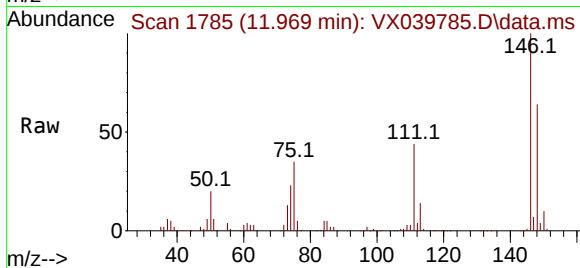
Acq: 16 Jan 2024 19:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 130190

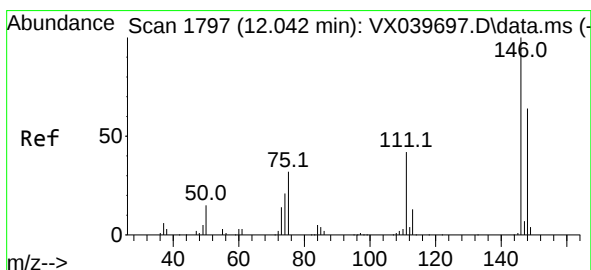
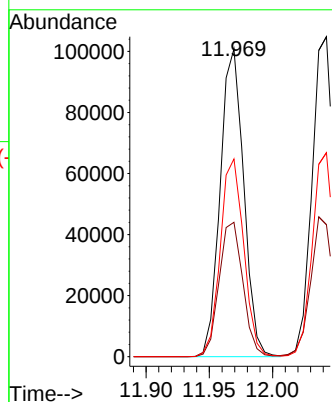
Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.1	66.1
148	64.0	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2024

Supervised By :Mahesh Dadoda 01/17/2024



#88

1,4-Dichlorobenzene

Concen: 48.066 ug/l

RT: 12.043 min Scan# 1797

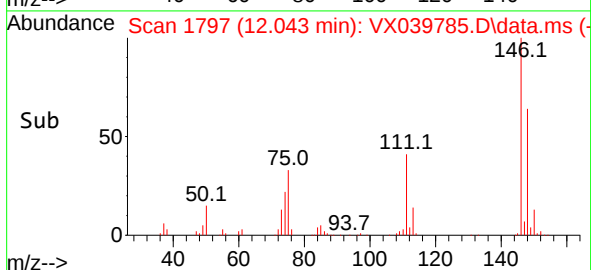
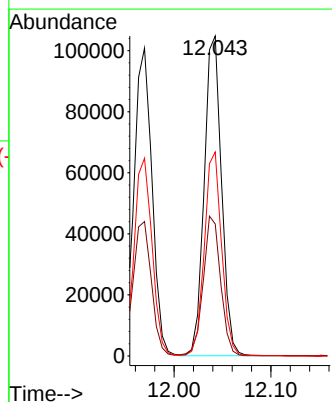
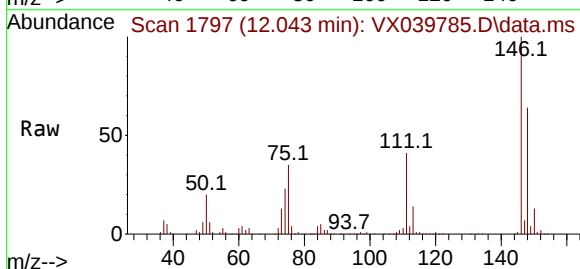
Delta R.T. 0.000 min

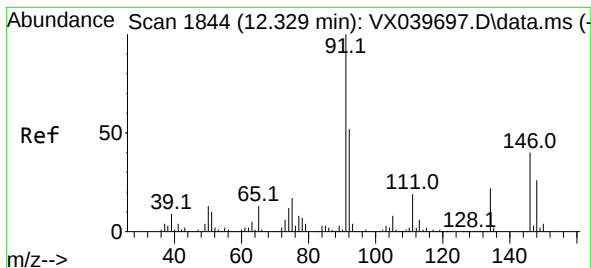
Lab File: VX039785.D

Acq: 16 Jan 2024 19:41

Tgt Ion:146 Resp: 130746

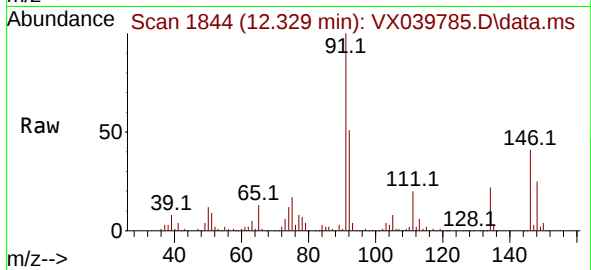
Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.3	63.7
148	63.3	31.8	95.4





#89
n-Butylbenzene
Concen: 51.004 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

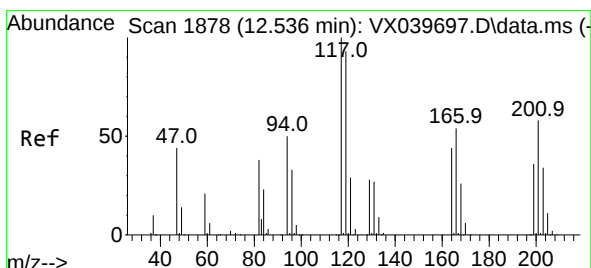
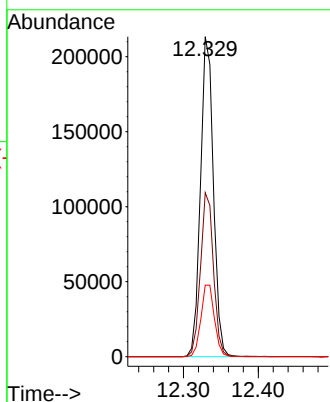
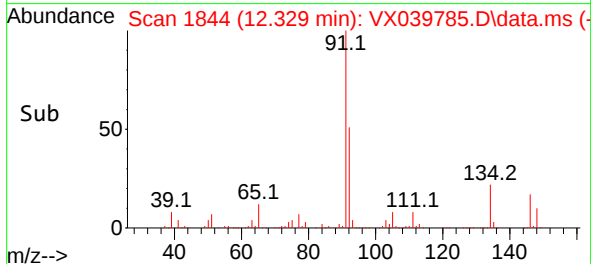
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 255724
Ion Ratio Lower Upper
91 100
92 51.7 27.4 82.0
134 23.4 12.6 37.8

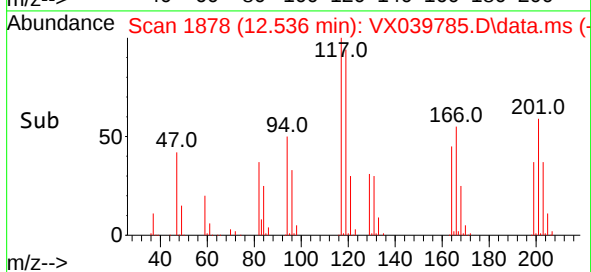
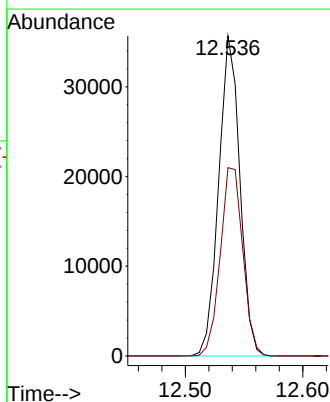
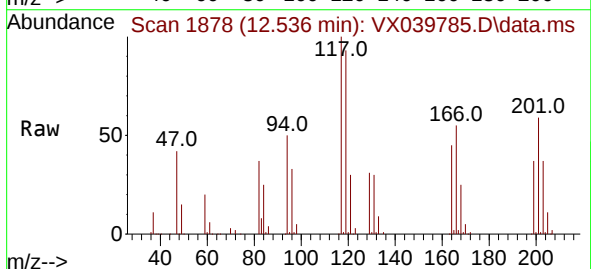
Manual Integrations
APPROVED

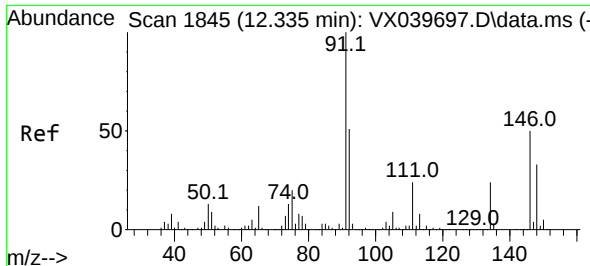
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#90
Hexachloroethane
Concen: 51.038 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

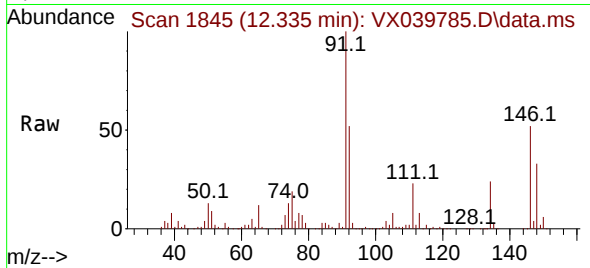
Tgt Ion:117 Resp: 44697
Ion Ratio Lower Upper
117 100
201 62.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.131 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

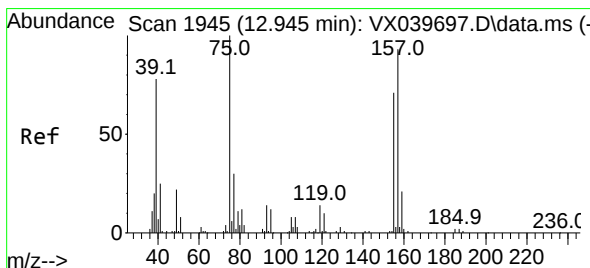
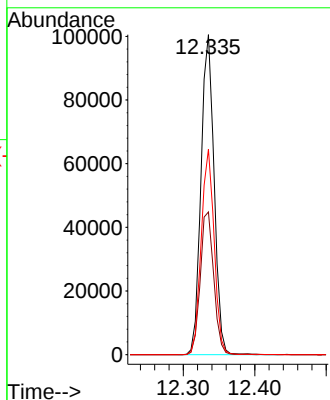
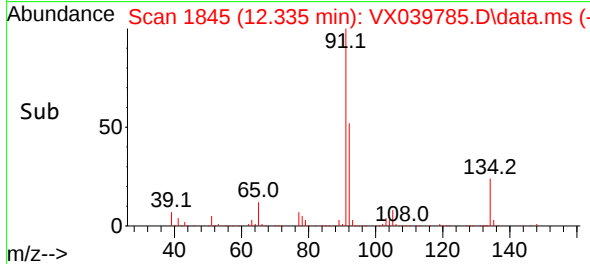
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



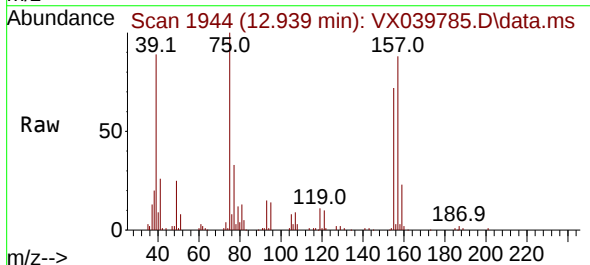
Tgt Ion:146 Resp: 127924
Ion Ratio Lower Upper
146 100
111 45.9 22.4 67.0
148 63.6 31.6 95.0

Manual Integrations
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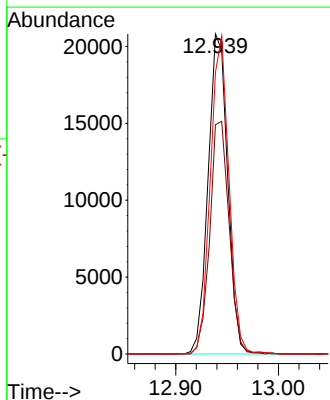
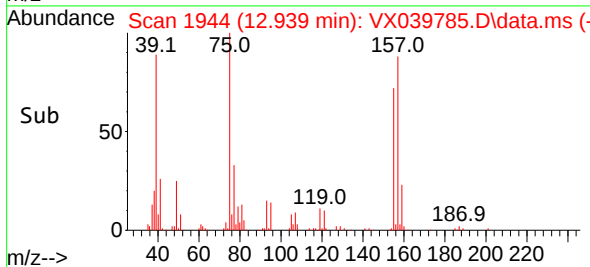
Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024

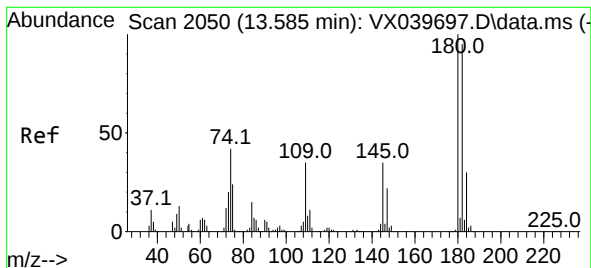


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.676 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41



Tgt Ion: 75 Resp: 27528
Ion Ratio Lower Upper
75 100
155 71.7 36.1 108.5
157 94.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.139 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039785.D

Acq: 16 Jan 2024 19:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

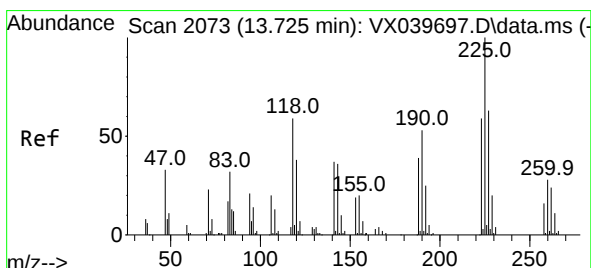
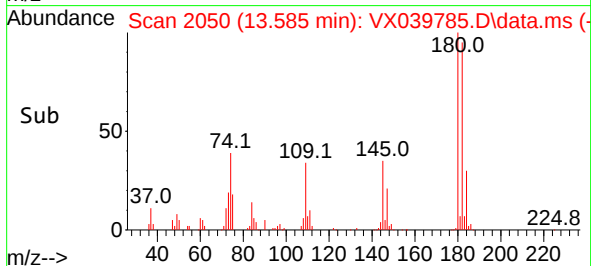
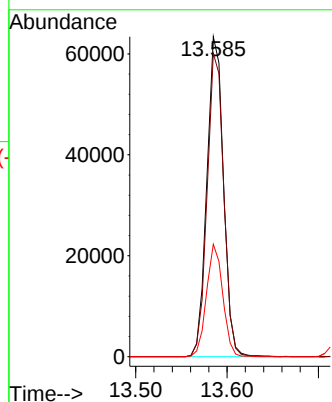
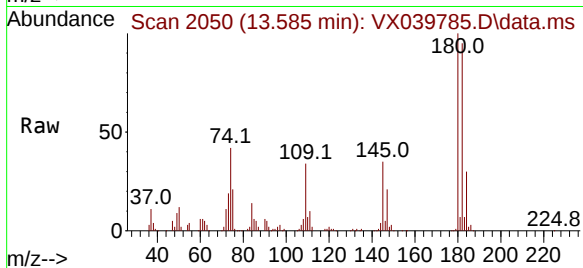
Tgt Ion:180	Resp:	79779
Ion Ratio	Lower	Upper
180	100	
182	94.8	48.3 144.8
145	34.5	18.0 54.0

Manual Integrations

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Reviewed By :John Carlone 01/17/2024

Supervised By :Mahesh Dadoda 01/17/2024



#94

Hexachlorobutadiene

Concen: 50.716 ug/l

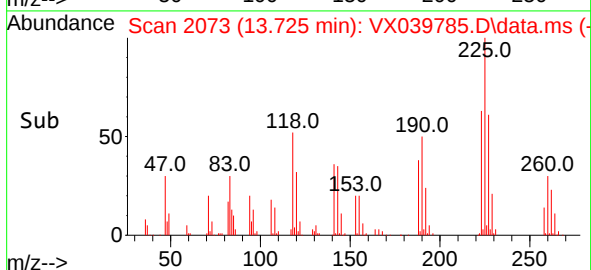
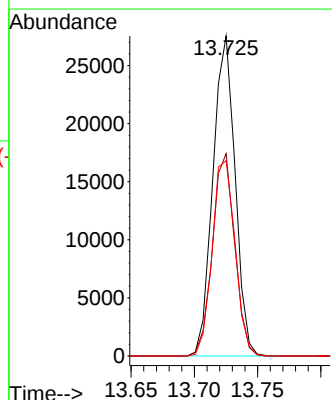
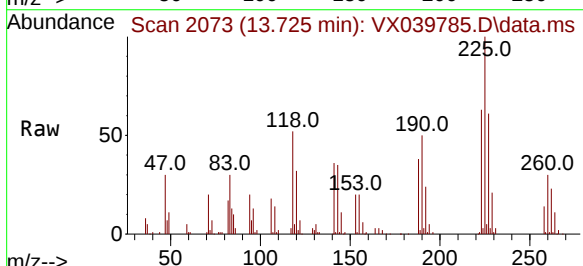
RT: 13.725 min Scan# 2073

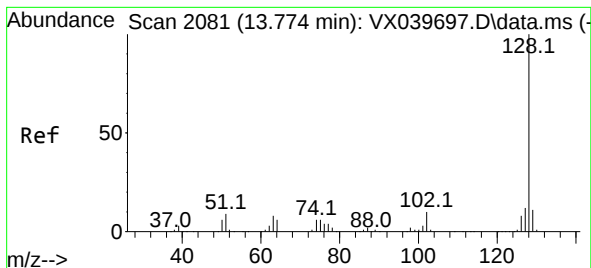
Delta R.T. 0.000 min

Lab File: VX039785.D

Acq: 16 Jan 2024 19:41

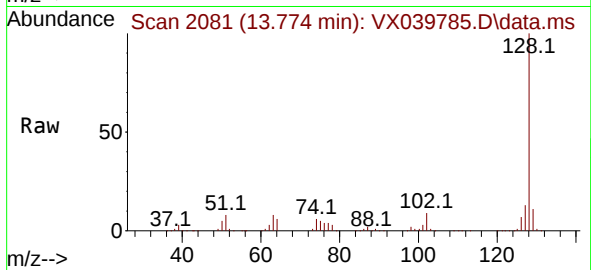
Tgt Ion:225	Resp:	33546
Ion Ratio	Lower	Upper
225	100	
223	63.3	31.1 93.2
227	63.1	32.5 97.5





#95
Naphthalene
Concen: 48.875 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41

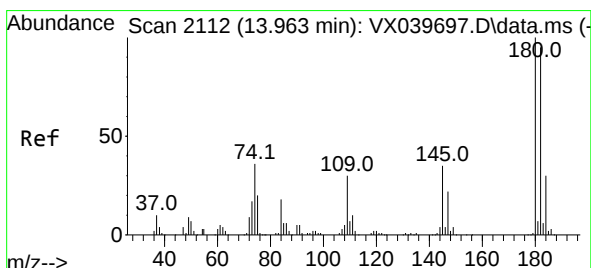
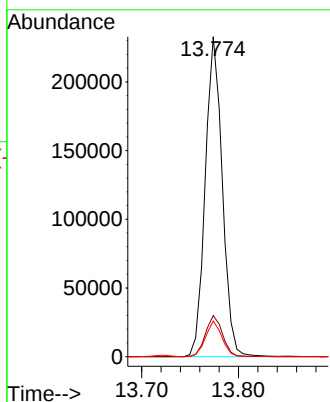
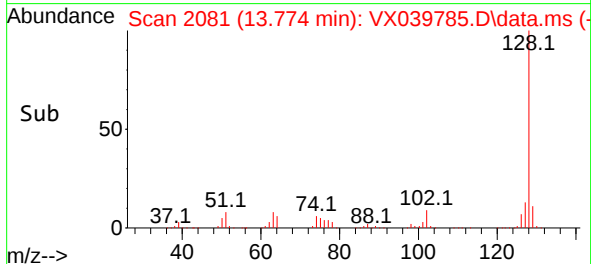
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



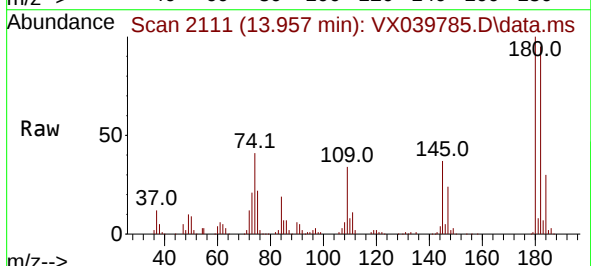
Tgt Ion:128 Resp: 286295
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/17/2024
Supervised By :Mahesh Dadoda 01/17/2024



#96
1,2,3-Trichlorobenzene
Concen: 48.818 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX039785.D
Acq: 16 Jan 2024 19:41



Tgt Ion:180 Resp: 78396
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.6
145 35.8 17.8 53.5

