

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039586.D
 Acq On : 02 Jan 2024 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 03 04:18:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/03/2024
 Supervised By : Mahesh Dadoda 01/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	107276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	191722	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86785	44.160	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.320%		
35) Dibromofluoromethane	5.385	113	63865	48.218	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.440%		
50) Toluene-d8	8.647	98	234328	47.654	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.300%		
62) 4-Bromofluorobenzene	11.079	95	90167	44.442	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	67802	44.979	ug/l	98
3) Chloromethane	1.294	50	79703	47.693	ug/l	99
4) Vinyl Chloride	1.373	62	77840	50.083	ug/l	98
5) Bromomethane	1.599	94	35073	39.224	ug/l	99
6) Chloroethane	1.666	64	31348	33.470	ug/l	99
7) Trichlorofluoromethane	1.873	101	108643	47.737	ug/l	98
8) Diethyl Ether	2.136	74	42505	53.963	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	67199	48.386	ug/l	96
10) Methyl Iodide	2.446	142	71046	49.492	ug/l	92
11) Tert butyl alcohol	3.007	59	114838	232.701	ug/l #	93
12) 1,1-Dichloroethene	2.312	96	64771	46.952	ug/l	93
13) Acrolein	2.239	56	109202	277.377	ug/l	100
14) Allyl chloride	2.660	41	130847	46.821	ug/l	96
15) Acrylonitrile	3.068	53	252102	255.216	ug/l	100
16) Acetone	2.386	43	228316	194.967	ug/l	91
17) Carbon Disulfide	2.507	76	155907	38.619	ug/l	99
18) Methyl Acetate	2.703	43	230428	54.210	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	245562	49.219	ug/l	98
20) Methylene Chloride	2.788	84	78577	47.964	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	69131	46.053	ug/l	97
22) Diisopropyl ether	3.757	45	260826	51.272	ug/l	93
23) Vinyl Acetate	3.721	43	927999	245.037	ug/l	99
24) 1,1-Dichloroethane	3.605	63	139672	48.571	ug/l	100
25) 2-Butanone	4.556	43	361581	213.217	ug/l	99
26) 2,2-Dichloropropane	4.471	77	106207	42.305	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	80851	48.798	ug/l	100
28) Bromochloromethane	4.897	49	71798	51.171	ug/l	92
29) Tetrahydrofuran	5.001	42	239935	256.199	ug/l	99
30) Chloroform	5.092	83	138210	48.095	ug/l	97
31) Cyclohexane	5.464	56	121042	47.686	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	116452	46.680	ug/l	99
36) 1,1-Dichloropropene	5.690	75	97552	46.673	ug/l	99
37) Ethyl Acetate	4.714	43	131381	50.879	ug/l	99
38) Carbon Tetrachloride	5.672	117	91177	45.711	ug/l	97
39) Methylcyclohexane	7.379	83	120925	48.165	ug/l	99
40) Benzene	6.037	78	298863	50.548	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	70823	51.405	ug/l	96
42) 1,2-Dichloroethane	6.086	62	114980	48.043	ug/l	100
43) Isopropyl Acetate	6.342	43	209903	49.988	ug/l	99
44) Trichloroethene	7.122	130	70502	47.254	ug/l	91
45) 1,2-Dichloropropane	7.427	63	81932	51.634	ug/l	99
46) Dibromomethane	7.580	93	53814	48.245	ug/l	96
47) Bromodichloromethane	7.817	83	101775	47.720	ug/l	99
48) Methyl methacrylate	7.696	41	125564	51.149	ug/l	96
49) 1,4-Dioxane	7.665	88	40742	1231.235	ug/l #	97
51) 4-Methyl-2-Pentanone	8.573	43	714194	266.945	ug/l	99
52) Toluene	8.714	92	176778	49.538	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	109508	46.638	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	120718	47.782	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	75567	50.723	ug/l	92
56) Ethyl methacrylate	9.116	69	97887	53.823	ug/l	98
57) 1,3-Dichloropropane	9.305	76	129643	50.336	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	303271	283.985	ug/l	94
59) 2-Hexanone	9.433	43	566398	245.300	ug/l	98
60) Dibromochloromethane	9.518	129	71130	47.210	ug/l	99
61) 1,2-Dibromoethane	9.610	107	79480	49.975	ug/l	100
64) Tetrachloroethene	9.268	164	54596	48.401	ug/l	93
65) Chlorobenzene	10.079	112	185837	49.323	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	66790	50.185	ug/l	98
67) Ethyl Benzene	10.189	91	350460	49.970	ug/l	96
68) m/p-Xylenes	10.299	106	252469	100.400	ug/l	95
69) o-Xylene	10.640	106	123335	50.728	ug/l	93
70) Styrene	10.652	104	183772	51.703	ug/l	96
71) Bromoform	10.799	173	47676	48.195	ug/l #	98
73) Isopropylbenzene	10.963	105	337021	53.529	ug/l	100
74) N-amyl acetate	10.841	43	181036	56.831	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	132462	56.555	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	109848m	52.030	ug/l	
77) Bromobenzene	11.195	156	73718	52.948	ug/l	92
78) n-propylbenzene	11.305	91	400780	51.665	ug/l	97
79) 2-Chlorotoluene	11.366	91	243323	51.857	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	287134	53.534	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	35307	47.177	ug/l	99
82) 4-Chlorotoluene	11.451	91	280803	50.951	ug/l	97
83) tert-Butylbenzene	11.713	119	275591	53.989	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	293688	53.394	ug/l	99
85) sec-Butylbenzene	11.890	105	340279	52.387	ug/l	98
86) p-Isopropyltoluene	12.006	119	285872	52.442	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	136820	50.021	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	140387	49.294	ug/l	99
89) n-Butylbenzene	12.329	91	267443	49.908	ug/l	96
90) Hexachloroethane	12.536	117	49069	49.831	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	137433	52.513	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	31795	51.539	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	81708	47.679	ug/l	98
94) Hexachlorobutadiene	13.725	225	33511	51.889	ug/l	98
95) Naphthalene	13.774	128	324529	54.377	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	83719	50.605	ug/l	98

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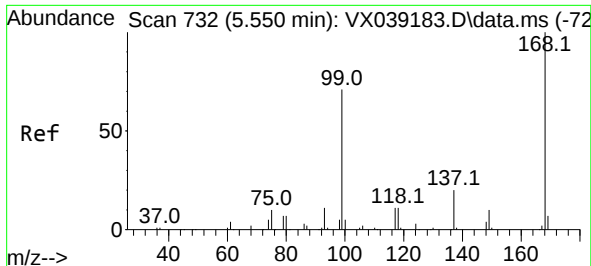
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/04/2024

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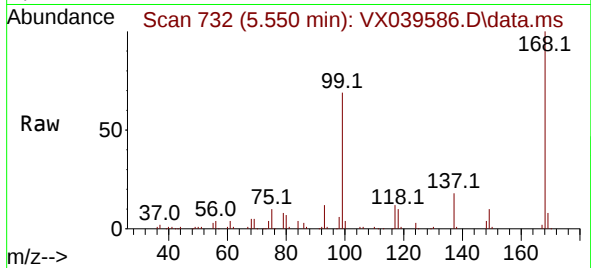
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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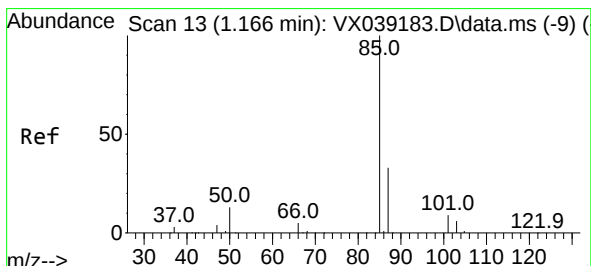
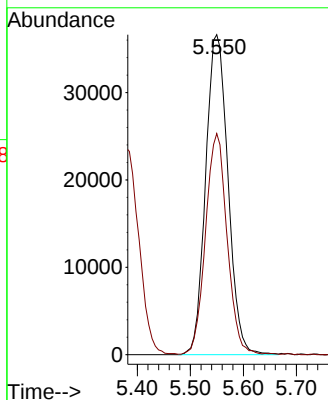
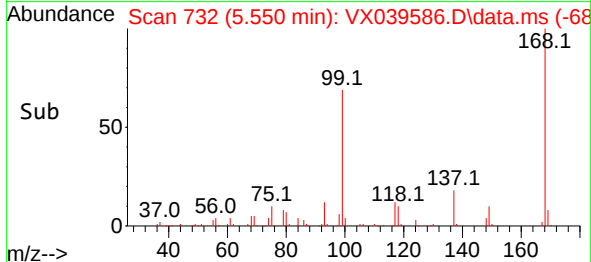
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 107270
Ion Ratio Lower Upper
168 100
99 69.0 56.6 85.0

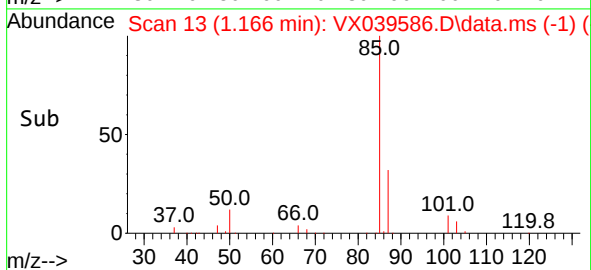
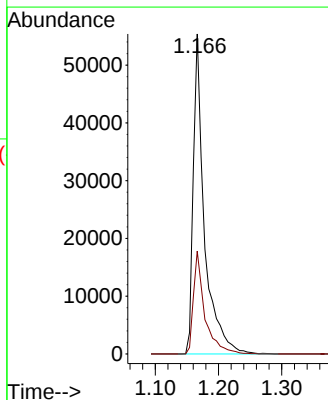
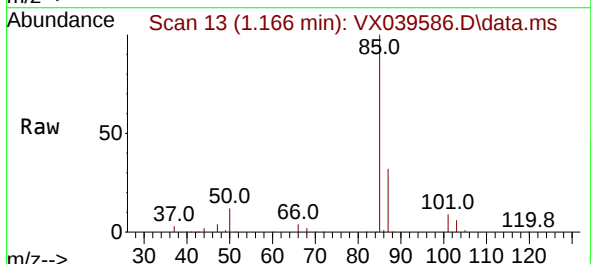
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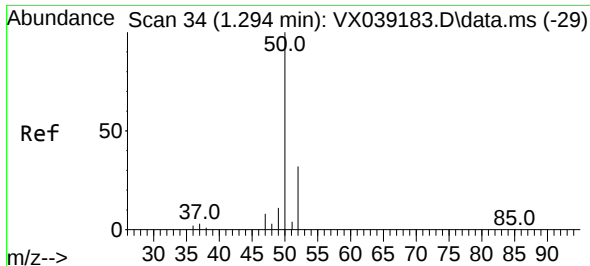
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#2
Dichlorodifluoromethane
Concen: 44.979 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

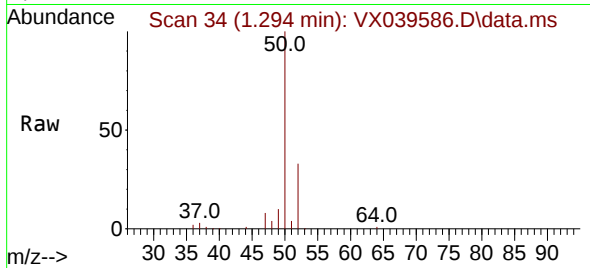
Tgt Ion: 85 Resp: 67802
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.1





#3
Chloromethane
Concen: 47.693 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

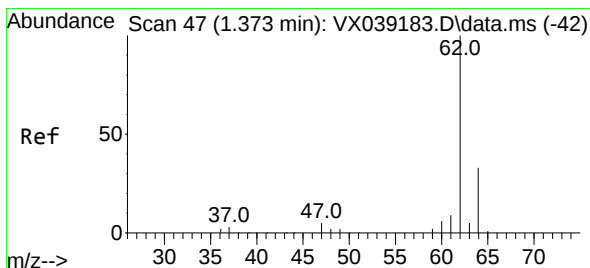
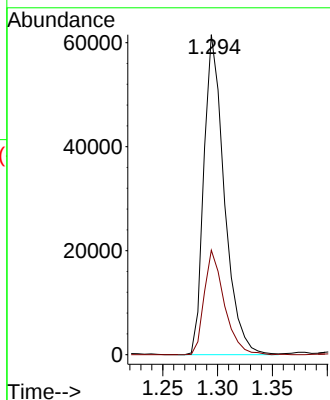
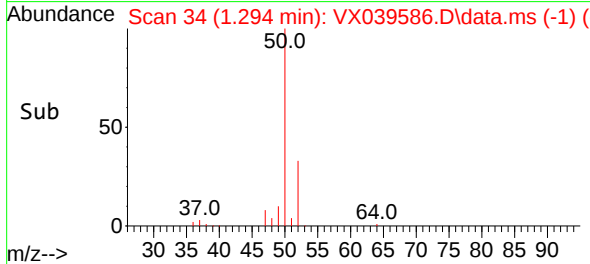
Instrument :
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Tgt Ion: 50 Resp: 7970
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

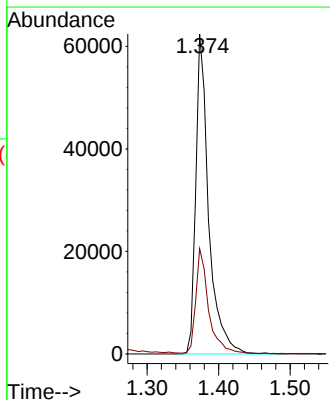
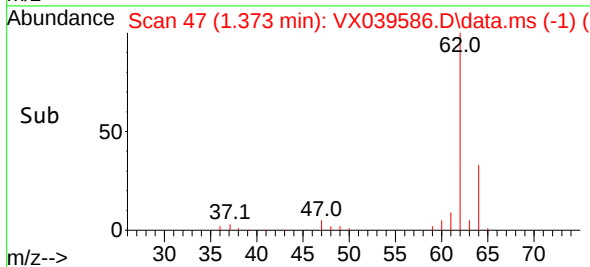
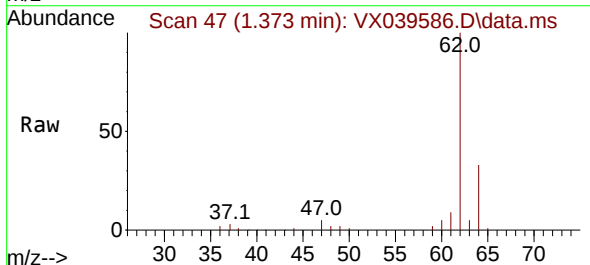
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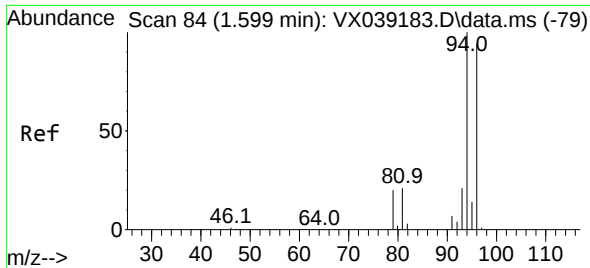
Reviewed By :John Carlone 01/03/2024
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#4
Vinyl Chloride
Concen: 50.083 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

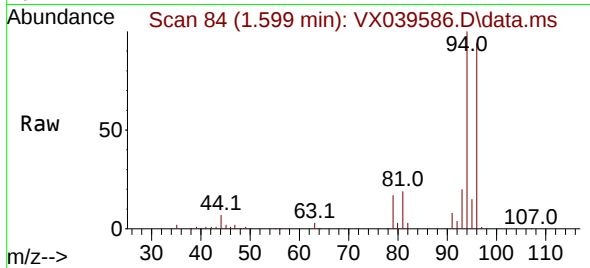
Tgt Ion: 62 Resp: 77840
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0





#5
 Bromomethane
 Concen: 39.224 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX039586.D
 Acq: 02 Jan 2024 20:41

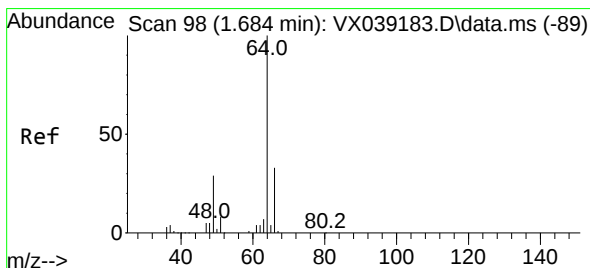
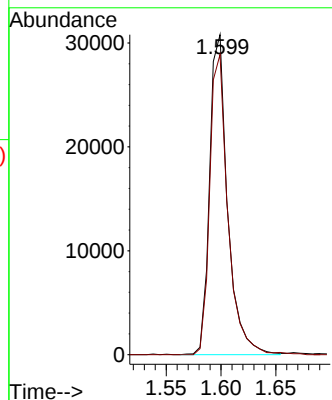
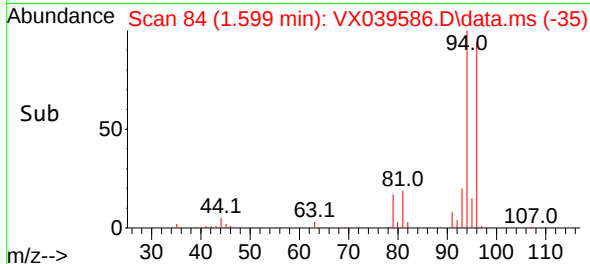
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Tgt Ion: 94 Resp: 3507
 Ion Ratio Lower Upper
 94 100
 96 93.8 74.6 111.8

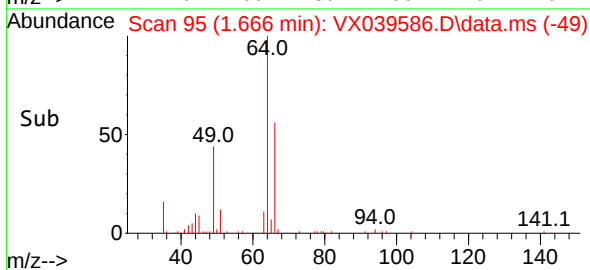
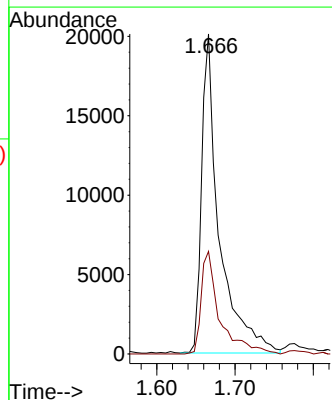
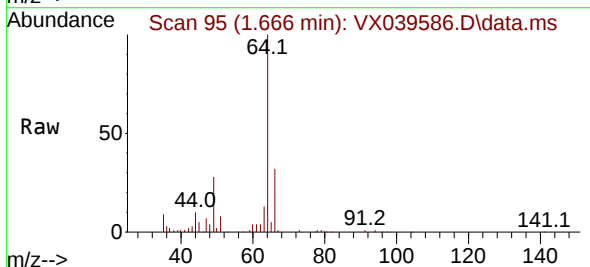
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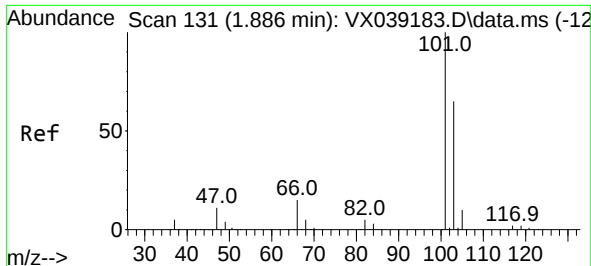
Reviewed By :John Carlone 01/03/2024
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#6
 Chloroethane
 Concen: 33.470 ug/l
 RT: 1.666 min Scan# 95
 Delta R.T. -0.018 min
 Lab File: VX039586.D
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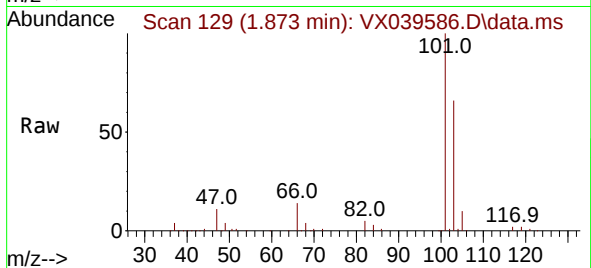
Tgt Ion: 64 Resp: 31348
 Ion Ratio Lower Upper
 64 100
 66 32.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 47.737 ug/l
RT: 1.873 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

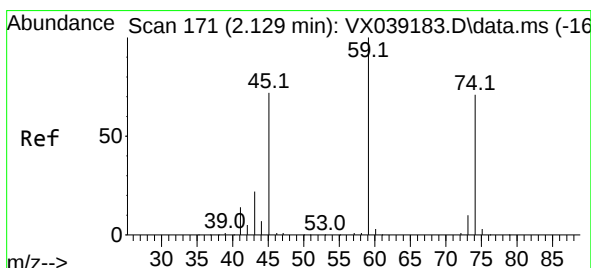
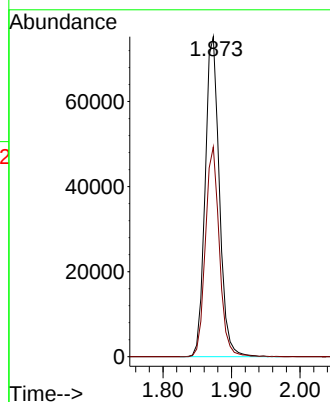
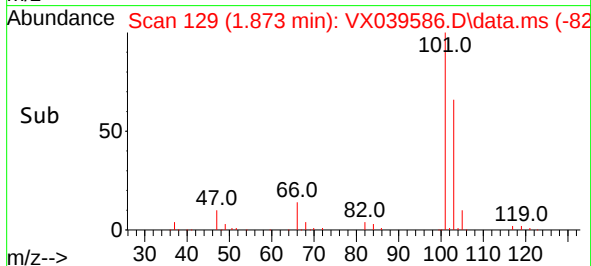
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Tgt Ion:101 Resp: 10864
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

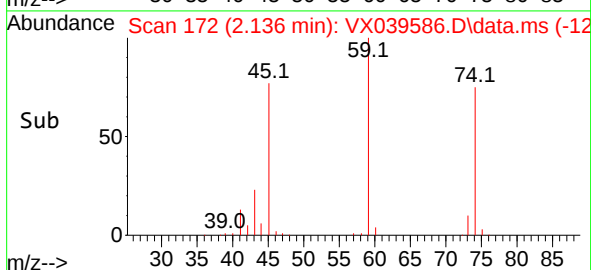
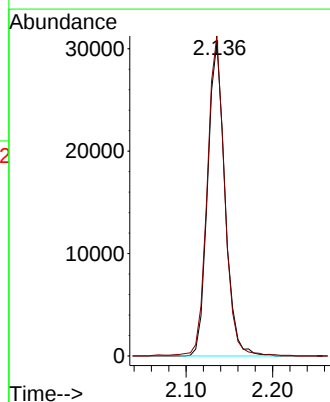
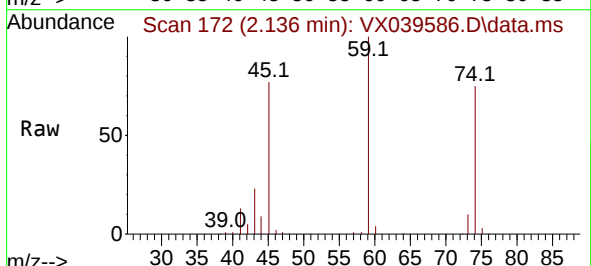
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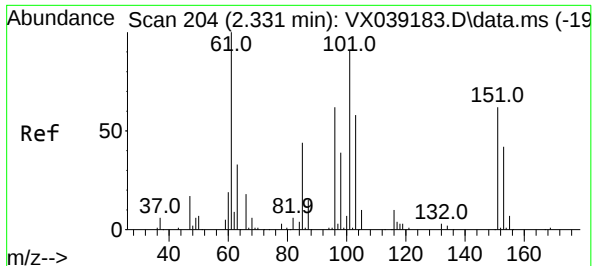
Reviewed By :John Carlone 01/03/2024
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#8
Diethyl Ether
Concen: 53.963 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 42505
Ion Ratio Lower Upper
74 100
45 103.2 53.3 159.8





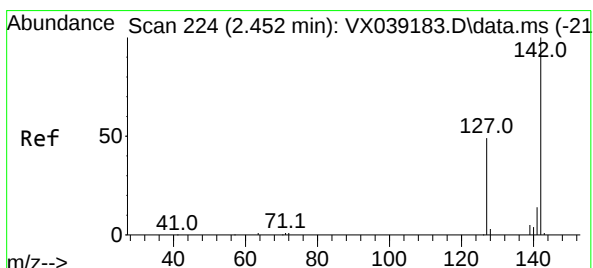
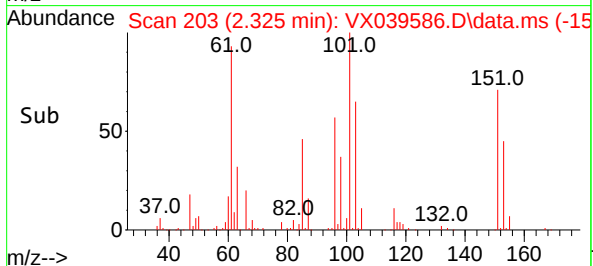
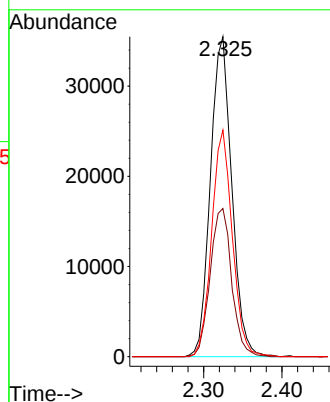
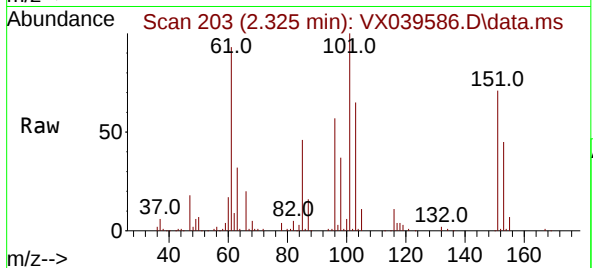
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.386 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 67199
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.6
151 68.6 58.6 87.8

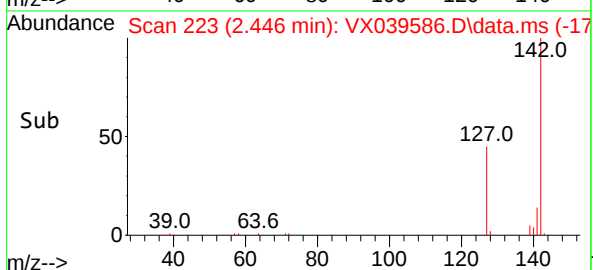
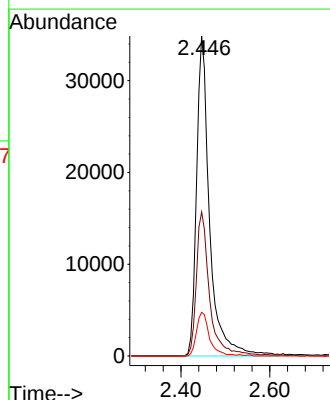
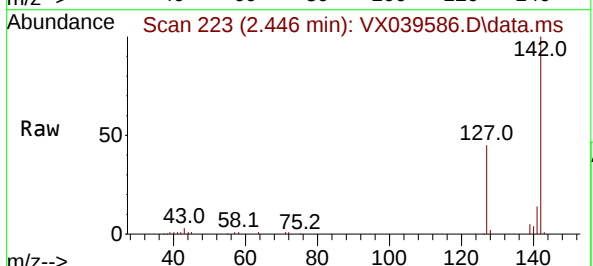
Manual Integrations
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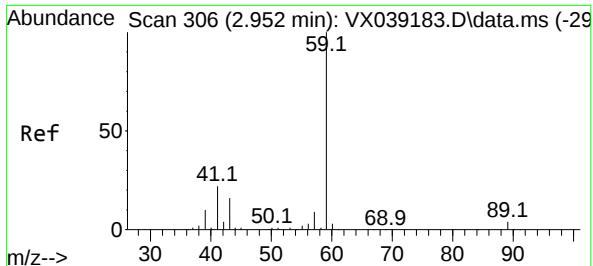
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#10
Methyl Iodide
Concen: 49.492 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Tgt Ion:142 Resp: 71046
Ion Ratio Lower Upper
142 100
127 45.4 41.6 62.4
141 13.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 232.701 ug/l

RT: 3.007 min Scan# 315

Delta R.T. 0.055 min

Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 114838

Ion Ratio Lower Upper

59 100

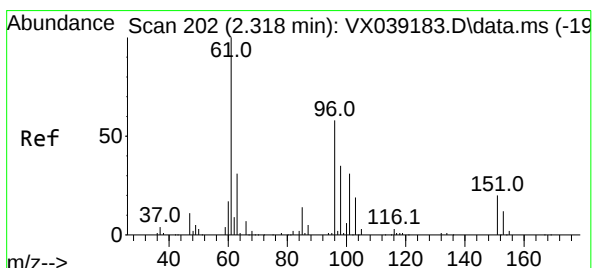
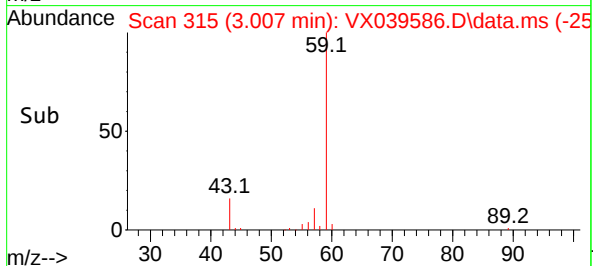
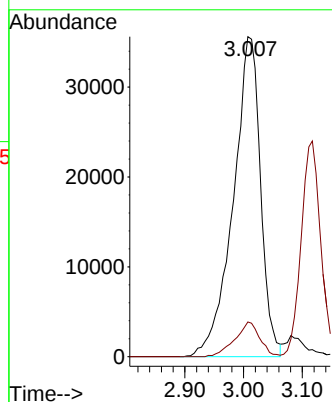
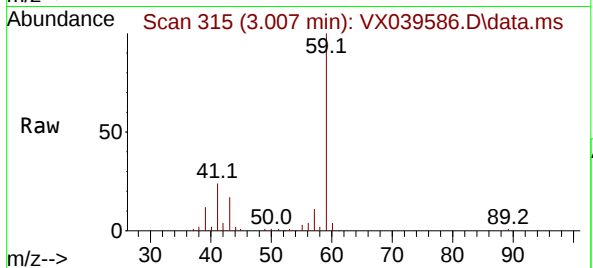
57 9.9 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#12

1,1-Dichloroethene

Concen: 46.952 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

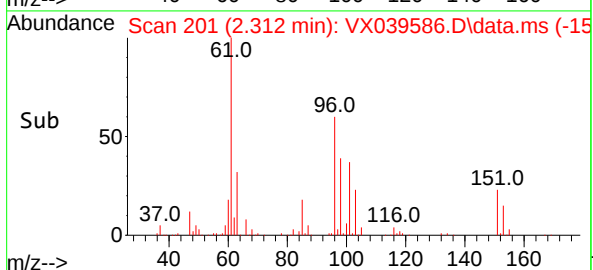
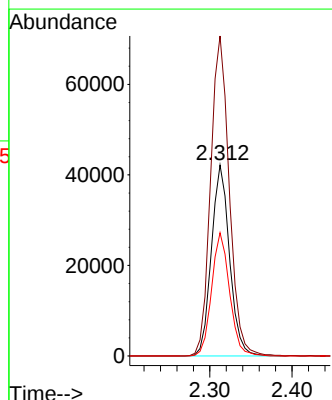
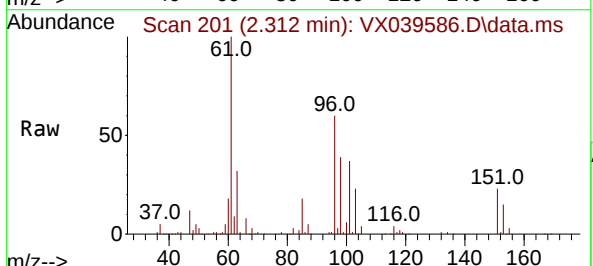
Tgt Ion: 96 Resp: 64771

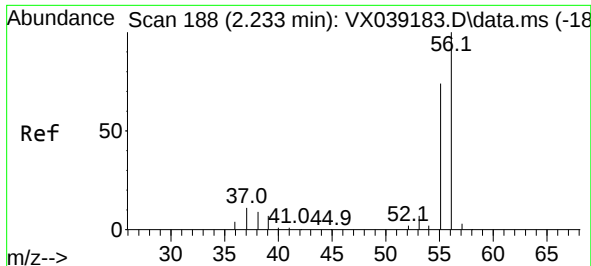
Ion Ratio Lower Upper

96 100

61 167.6 144.6 216.8

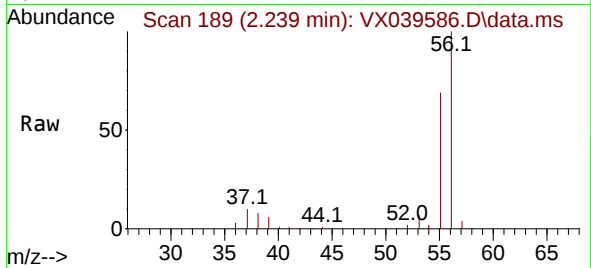
98 64.5 50.4 75.6





#13
Acrolein
Concen: 277.377 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

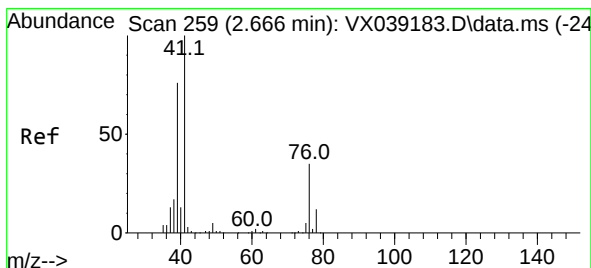
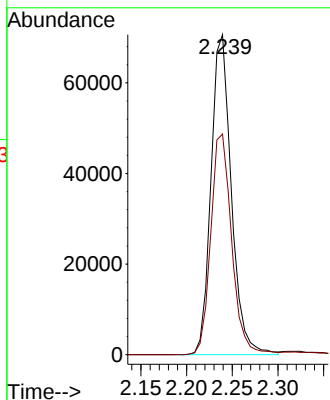
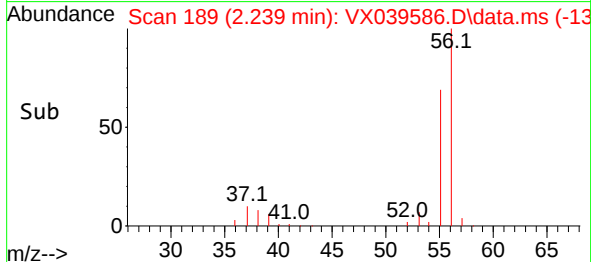
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 10920
Ion Ratio Lower Upper
56 100
55 71.1 57.1 85.7

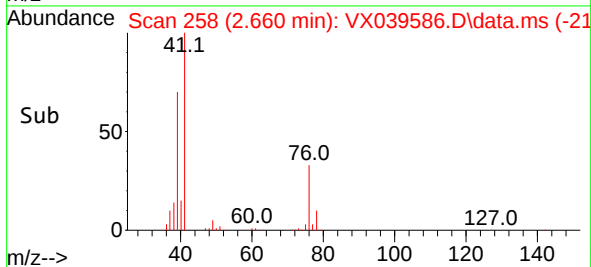
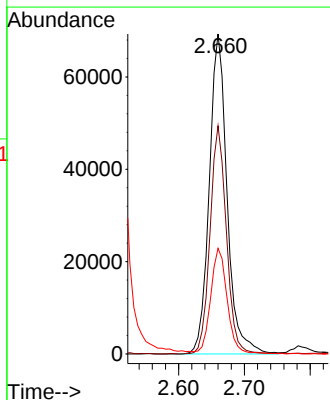
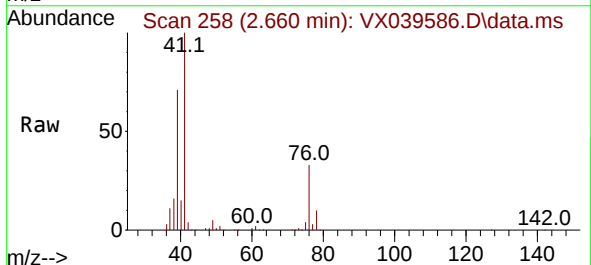
Manual Integrations
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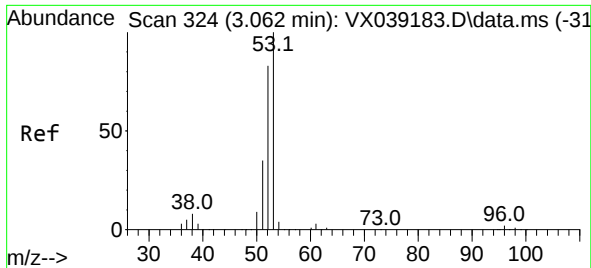
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#14
Allyl chloride
Concen: 46.821 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

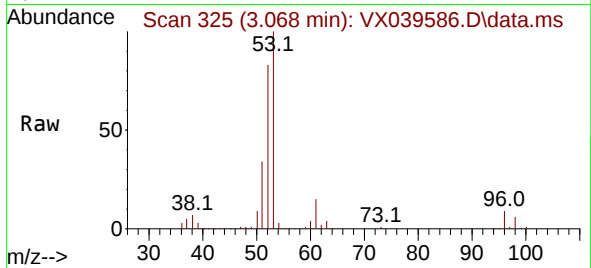
Tgt Ion: 41 Resp: 130847
Ion Ratio Lower Upper
41 100
39 65.5 55.8 83.6
76 30.6 24.3 36.5





#15
Acrylonitrile
Concen: 255.216 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

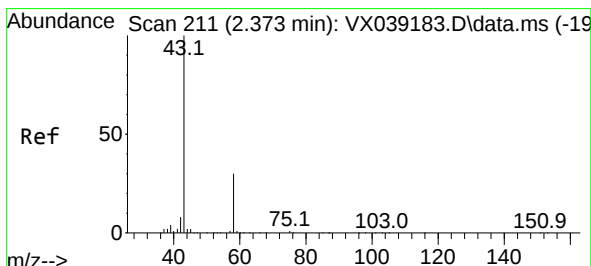
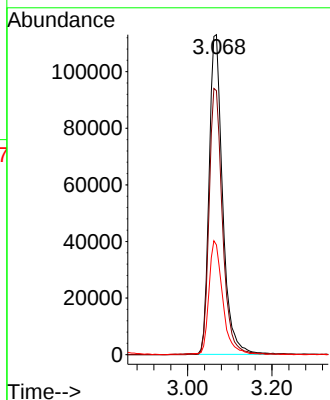
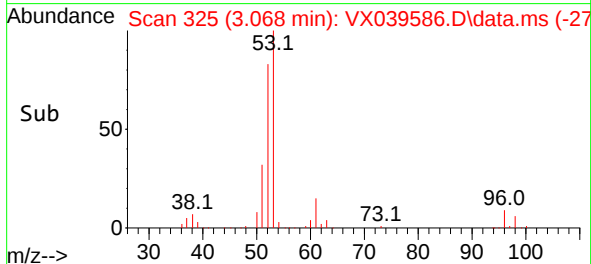
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 25210
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 36.8 29.8 44.6

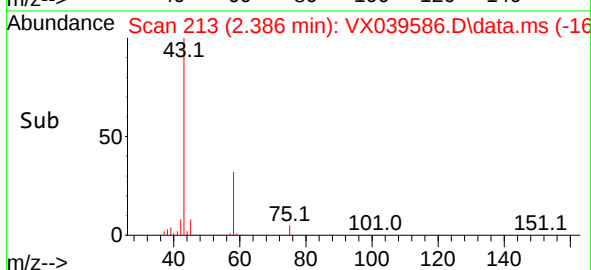
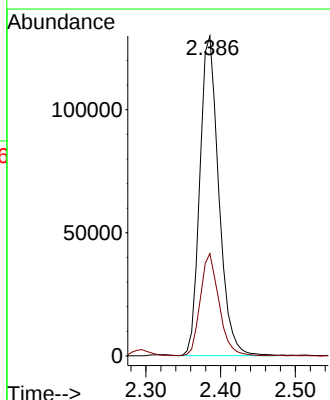
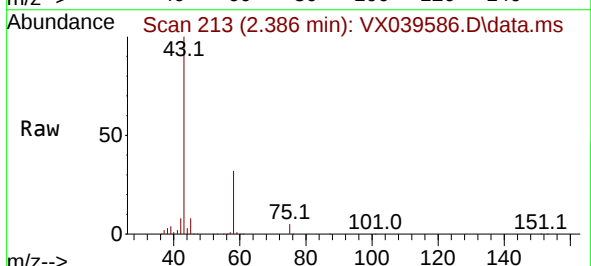
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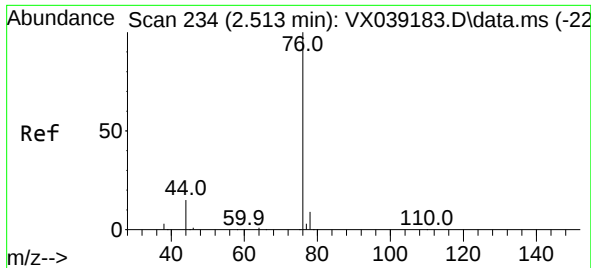
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#16
Acetone
Concen: 194.967 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.013 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Tgt Ion: 43 Resp: 228316
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9





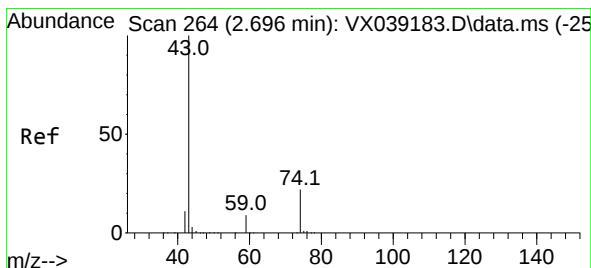
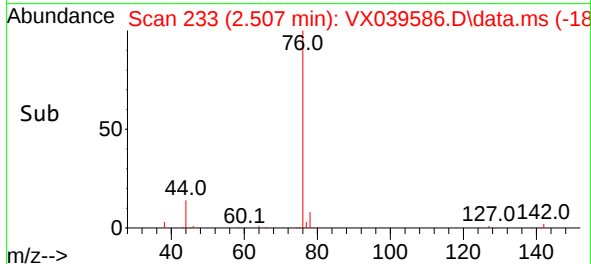
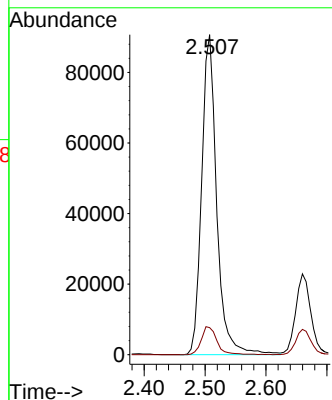
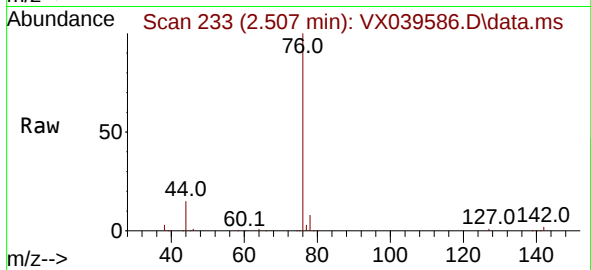
#17
Carbon Disulfide
Concen: 38.619 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 15590
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6

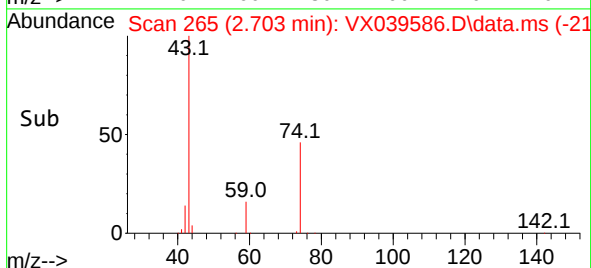
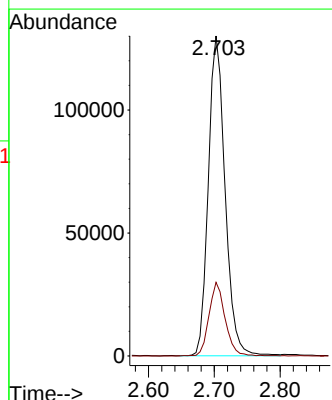
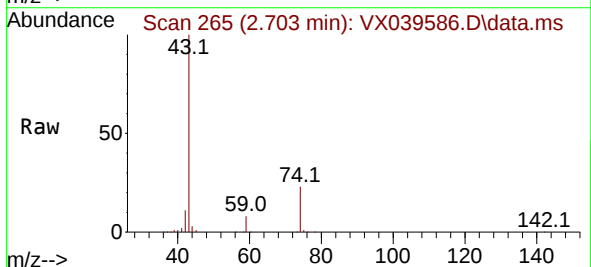
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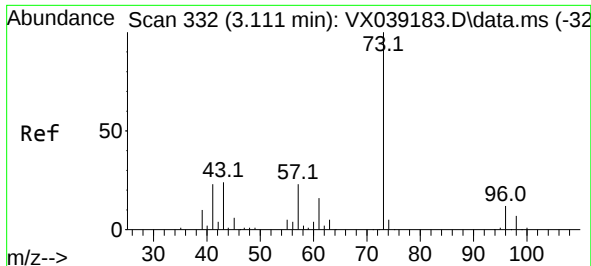
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#18
Methyl Acetate
Concen: 54.210 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

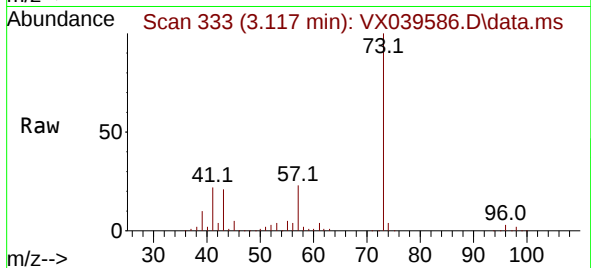
Tgt Ion: 43 Resp: 230428
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 49.219 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

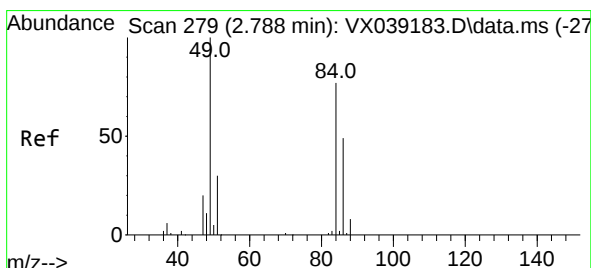
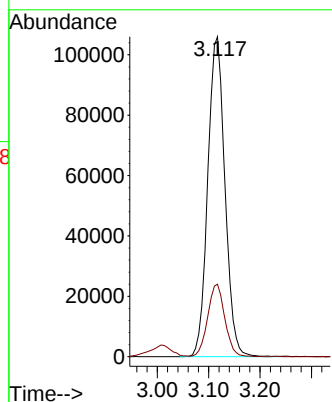
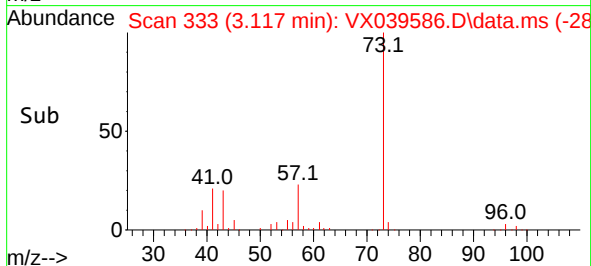
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 245562
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9

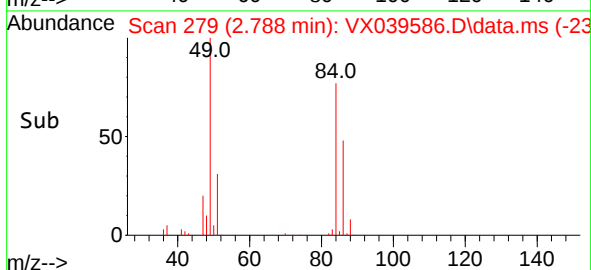
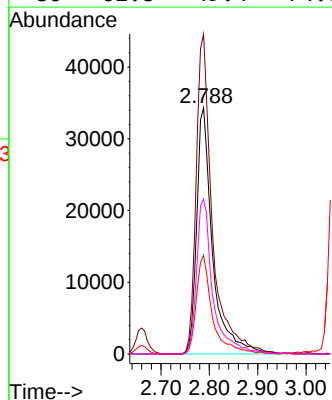
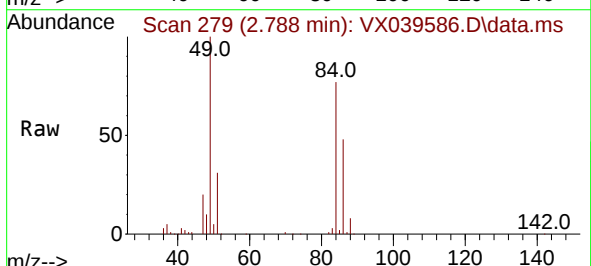
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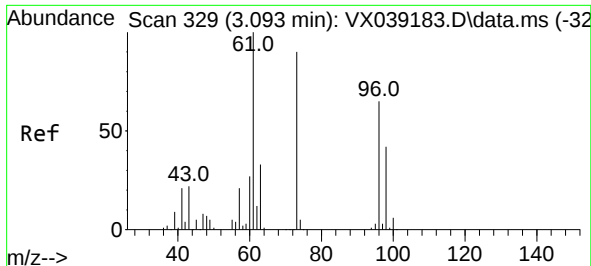
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#20
Methylene Chloride
Concen: 47.964 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

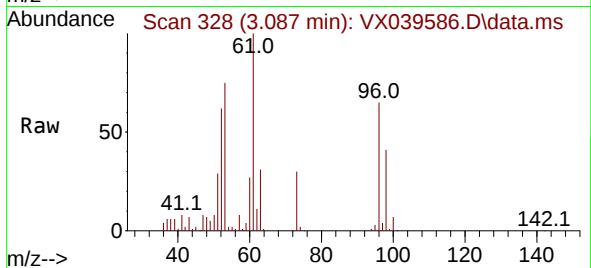
Tgt Ion: 84 Resp: 78577
Ion Ratio Lower Upper
84 100
49 129.9 103.6 155.4
51 40.0 33.8 50.6
86 62.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 46.053 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

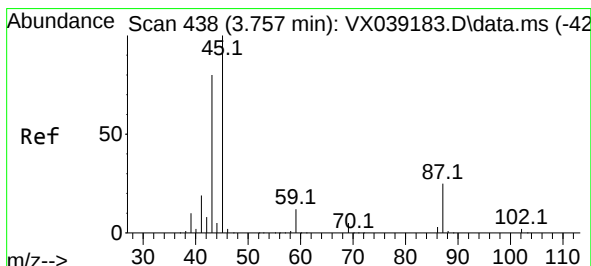
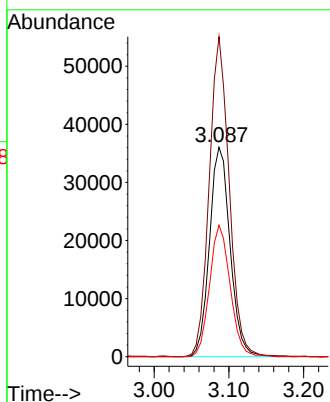
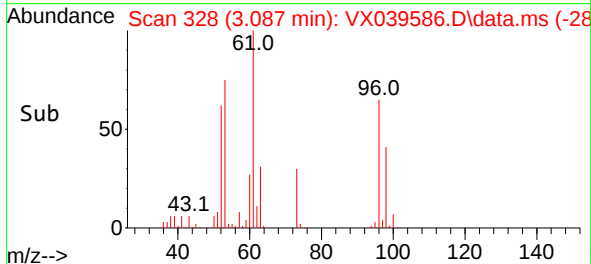
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 6913
Ion Ratio Lower Upper
96 100
61 152.8 119.2 178.8
98 62.8 48.7 73.1

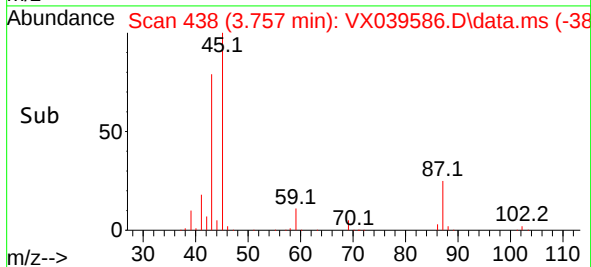
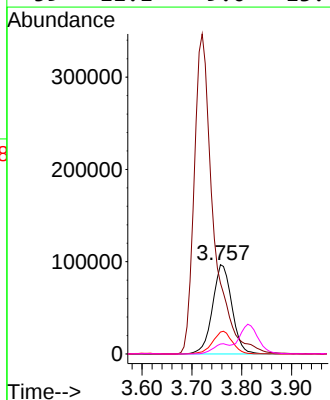
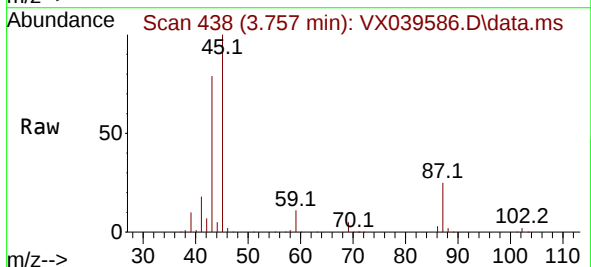
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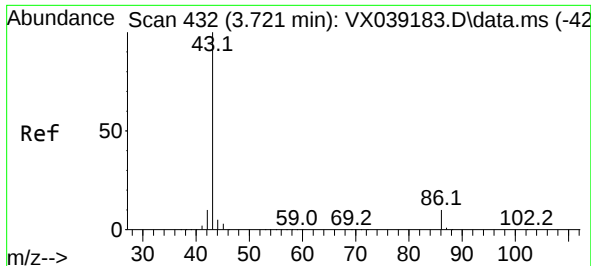
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#22
Diisopropyl ether
Concen: 51.272 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Tgt Ion: 45 Resp: 260826
Ion Ratio Lower Upper
45 100
43 79.1 69.7 104.5
87 24.5 20.8 31.2
59 11.1 9.0 13.4





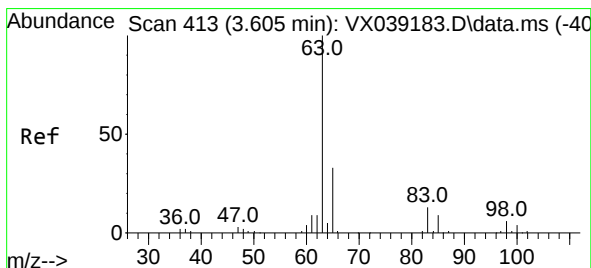
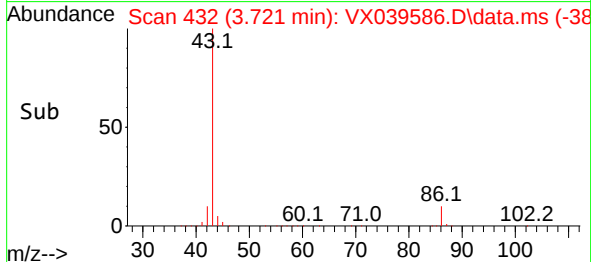
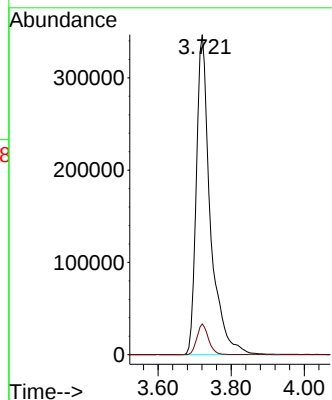
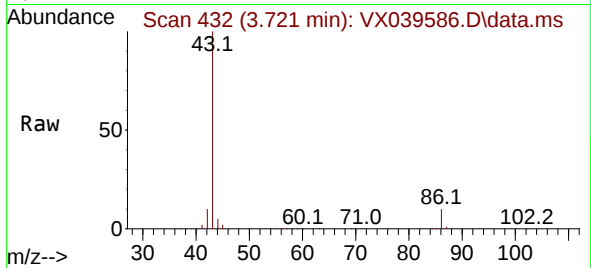
#23
 Vinyl Acetate
 Concen: 245.037 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039586.D
 Acq: 02 Jan 2024 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 927999
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

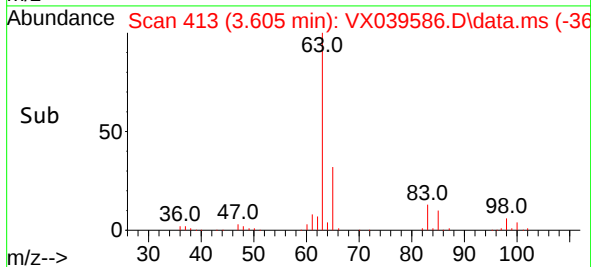
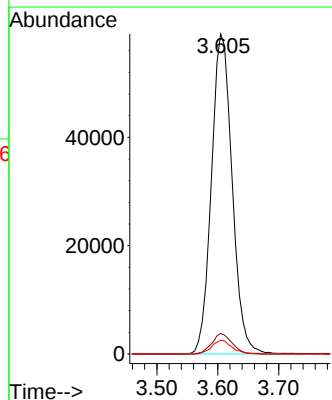
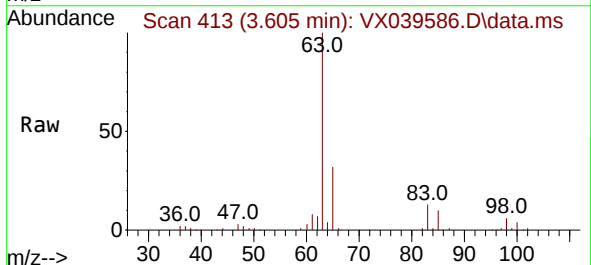
Manual Integrations
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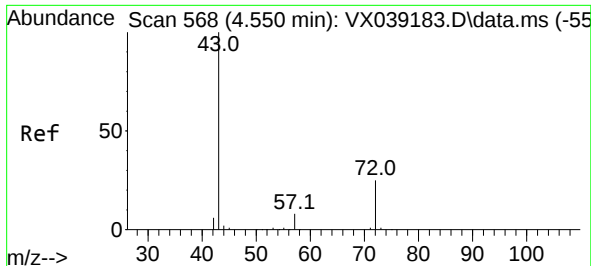
Reviewed By :John Carlone 01/03/2024
 Supervised By :Mahesh Dadoda 01/04/2024



#24
 1,1-Dichloroethane
 Concen: 48.571 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039586.D
 Acq: 02 Jan 2024 20:41

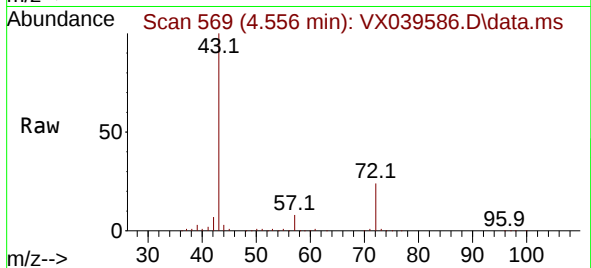
Tgt Ion: 63 Resp: 139672
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 213.217 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

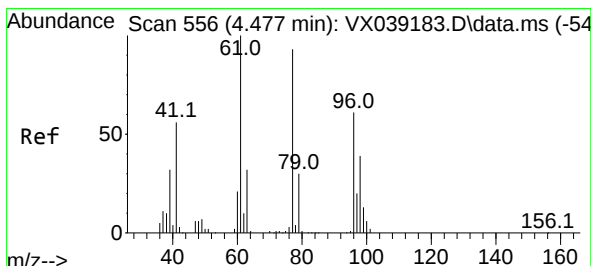
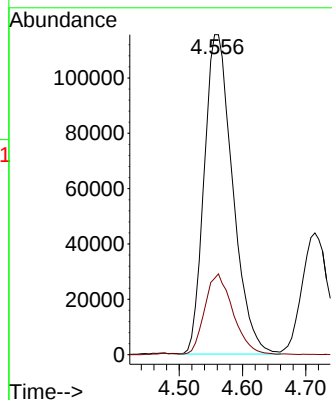
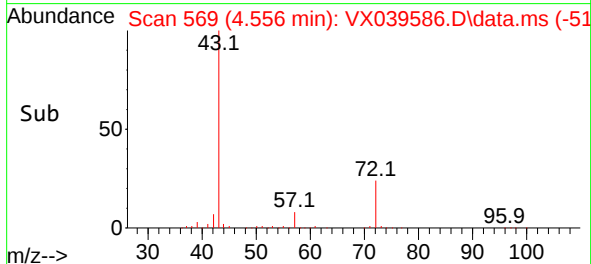
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 36158
Ion Ratio Lower Upper
43 100
72 23.7 19.4 29.2

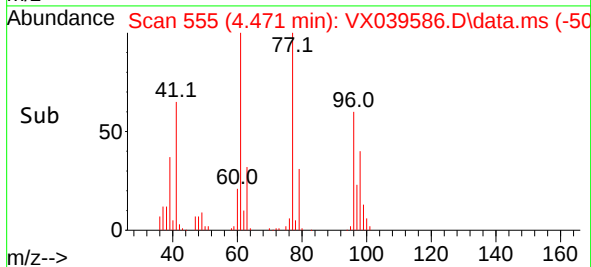
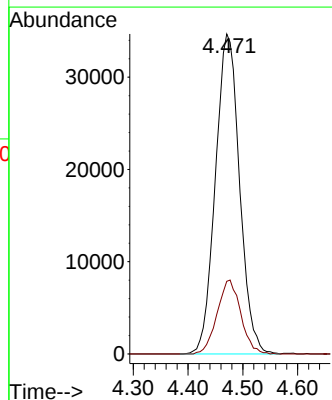
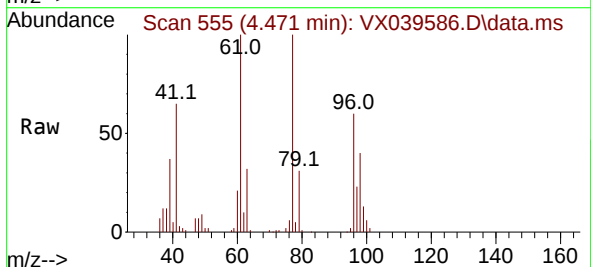
Manual Integrations
APPROVED

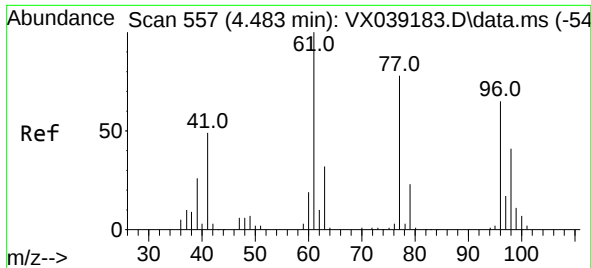
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#26
2,2-Dichloropropane
Concen: 42.305 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

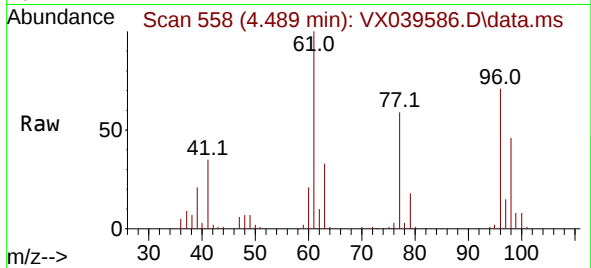
Tgt Ion: 77 Resp: 106207
Ion Ratio Lower Upper
77 100
97 22.6 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 48.798 ug/l
 RT: 4.489 min Scan# 557
 Delta R.T. 0.006 min
 Lab File: VX039586.D
 Acq: 02 Jan 2024 20:41

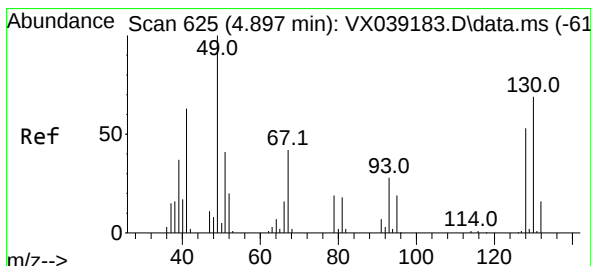
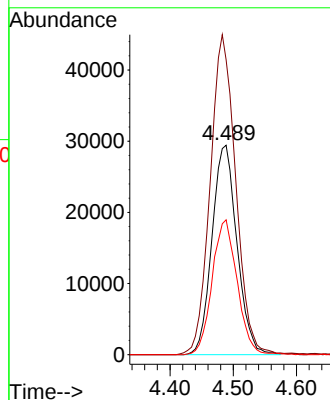
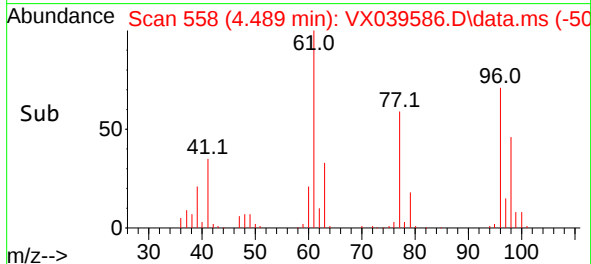
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 8085
 Ion Ratio Lower Upper
 96 100
 61 156.2 0.0 312.2
 98 64.4 0.0 129.0

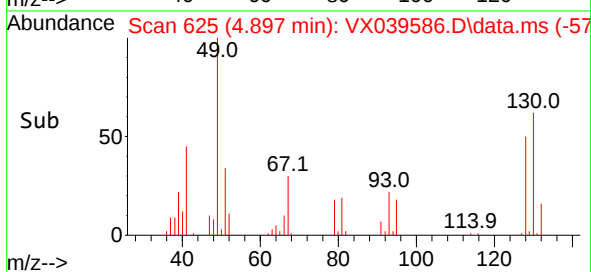
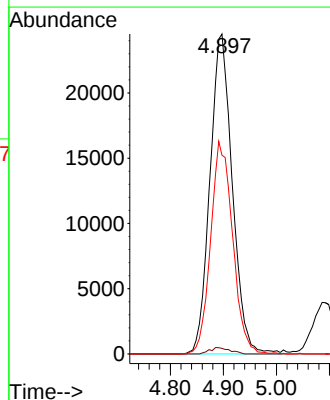
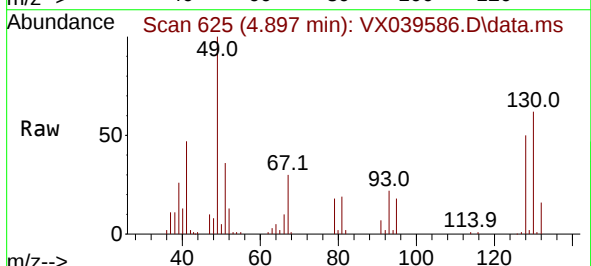
Manual Integrations
 APPROVED

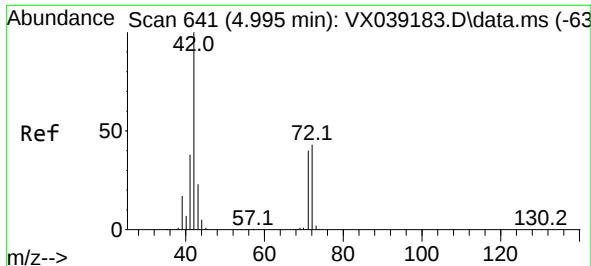
Reviewed By :John Carlone 01/03/2024
 Supervised By :Mahesh Dadoda 01/04/2024



#28
 Bromochloromethane
 Concen: 51.171 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX039586.D
 Acq: 02 Jan 2024 20:41

Tgt Ion: 49 Resp: 71798
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 65.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 256.199 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 23993

Ion Ratio Lower Upper

42 100

72 41.9 34.2 51.4

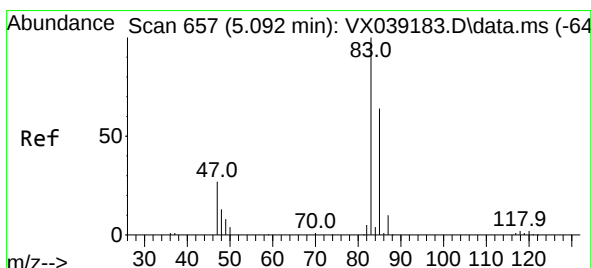
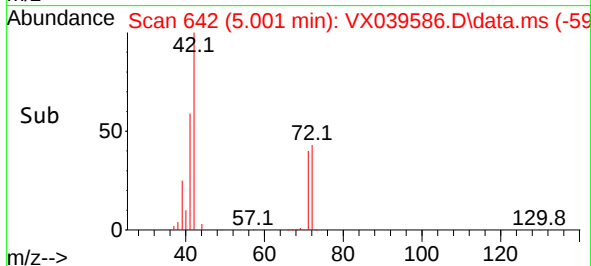
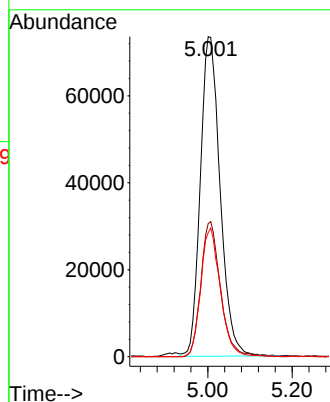
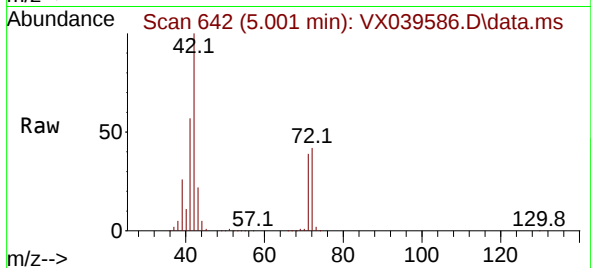
71 39.7 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#30

Chloroform

Concen: 48.095 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039586.D

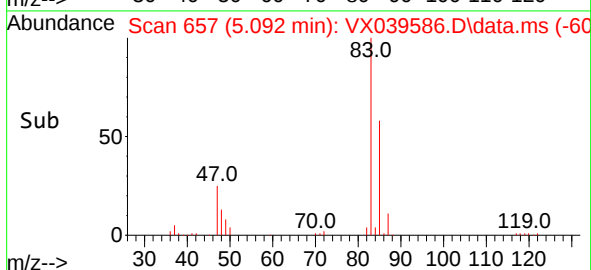
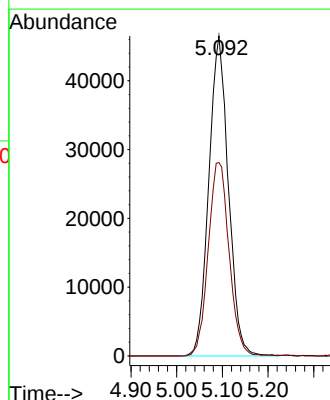
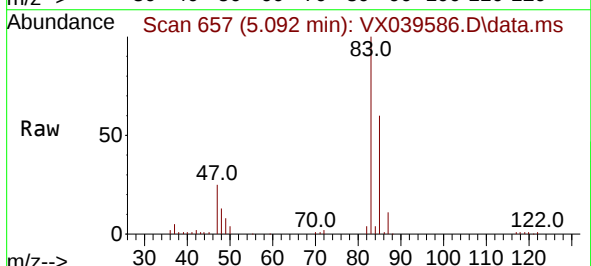
Acq: 02 Jan 2024 20:41

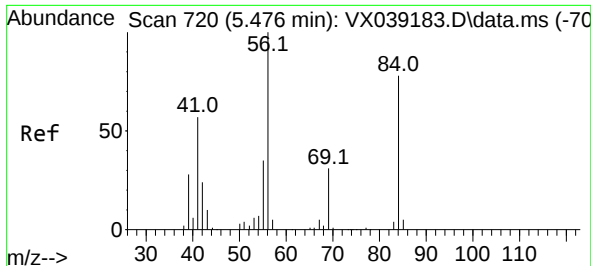
Tgt Ion: 83 Resp: 138210

Ion Ratio Lower Upper

83 100

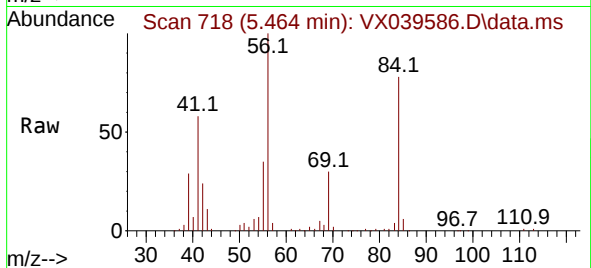
85 60.4 50.3 75.5





#31
Cyclohexane
Concen: 47.686 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

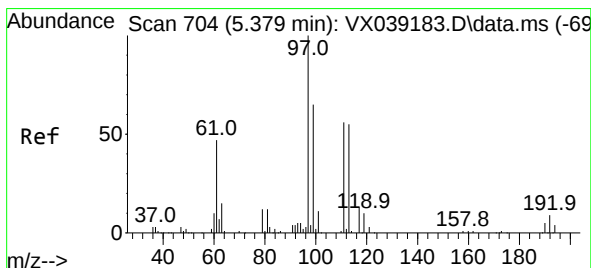
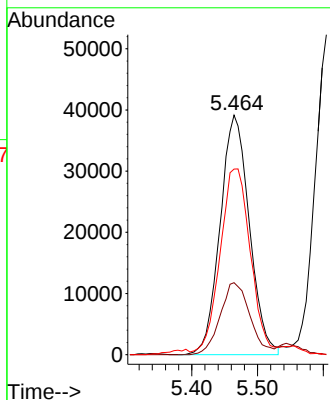
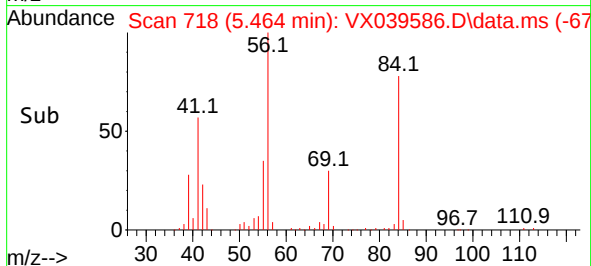
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 121042
Ion Ratio Lower Upper
56 100
69 30.0 23.4 35.2
84 75.6 65.9 98.9

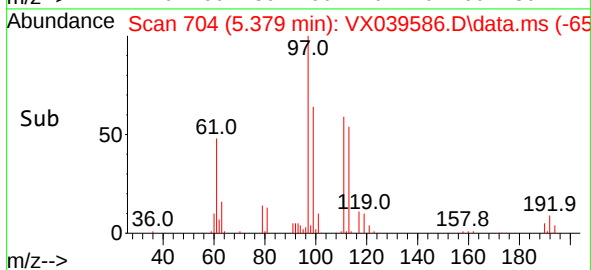
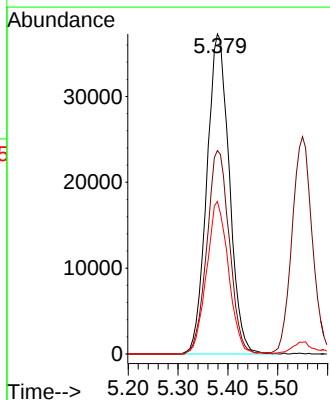
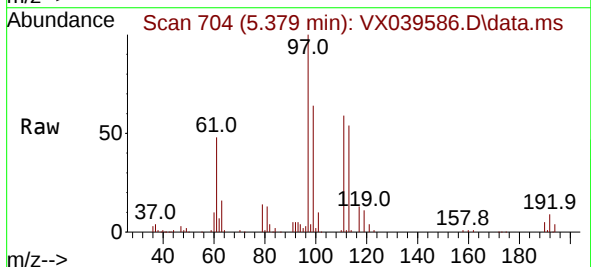
Manual Integrations
APPROVED

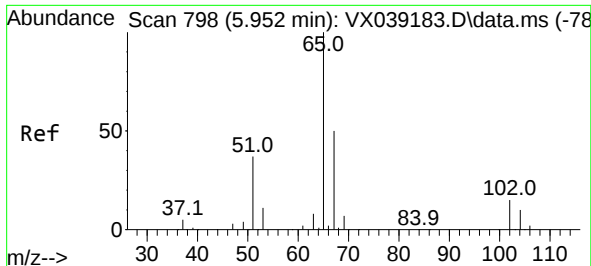
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#32
1,1,1-Trichloroethane
Concen: 46.680 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Tgt Ion: 97 Resp: 116452
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 46.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 44.160 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 8678

Ion Ratio Lower Upper

65 100

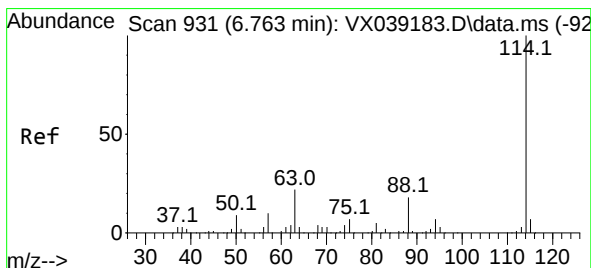
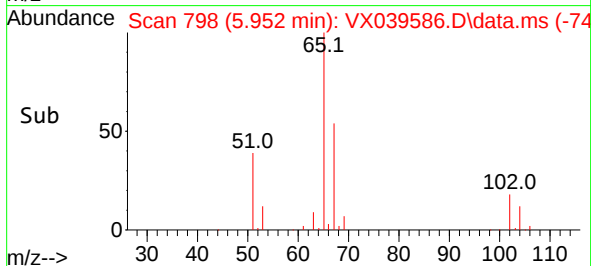
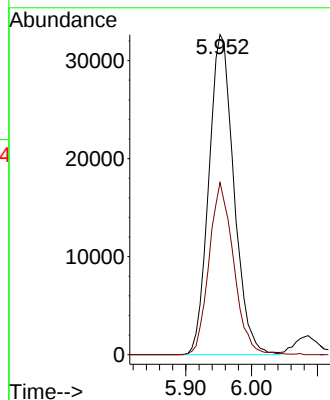
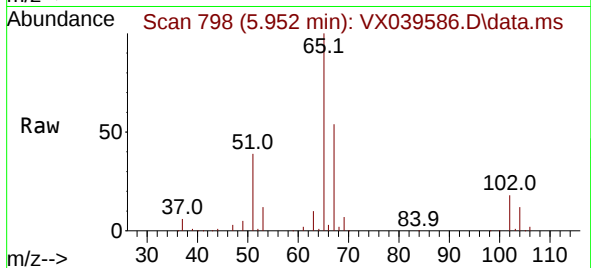
67 52.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

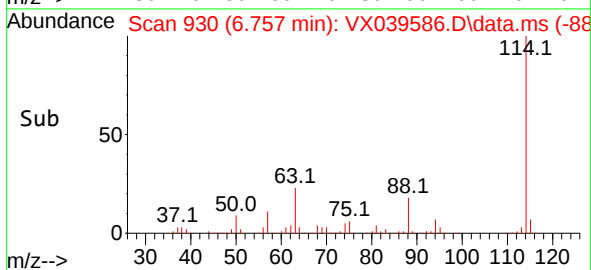
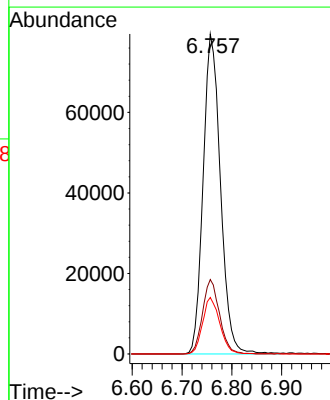
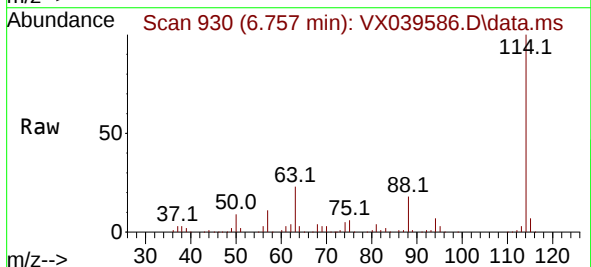
Tgt Ion:114 Resp: 191722

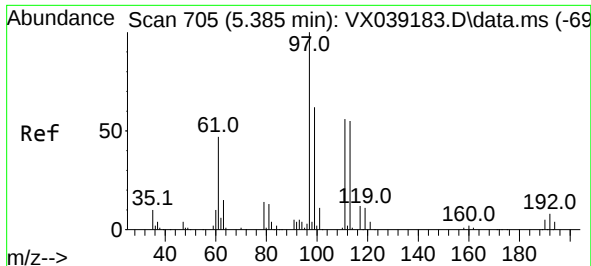
Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.0

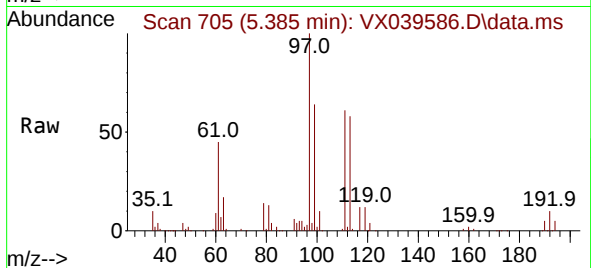
88 17.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.218 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

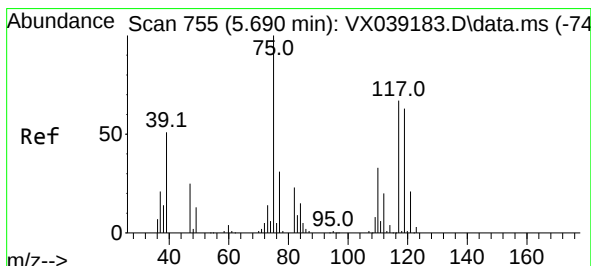
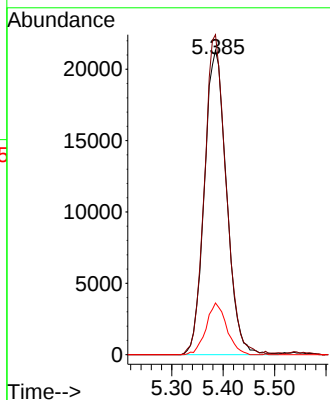
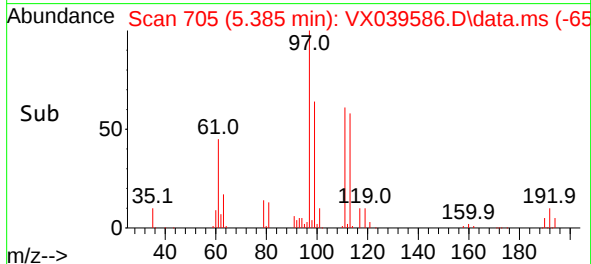
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 6386
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 15.8 13.3 19.9

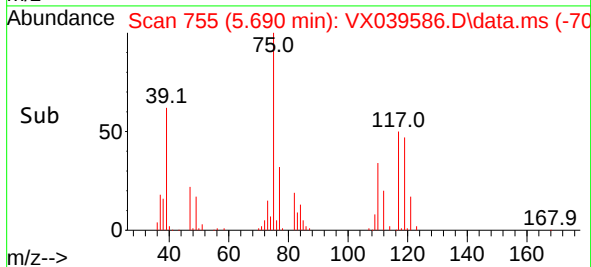
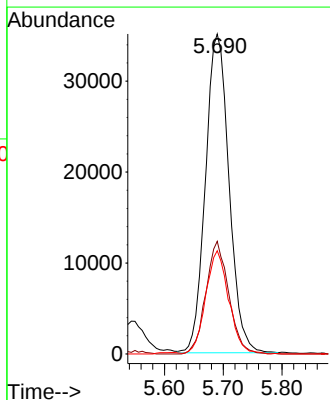
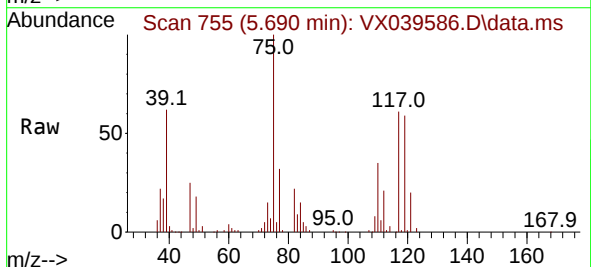
Manual Integrations
APPROVED

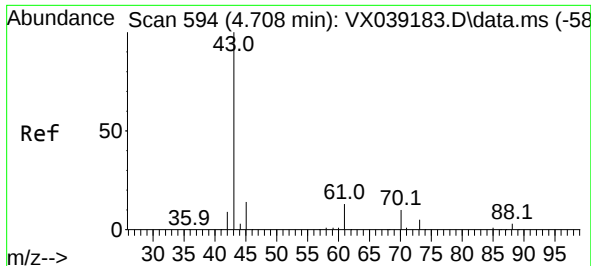
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#36
1,1-Dichloropropene
Concen: 46.673 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

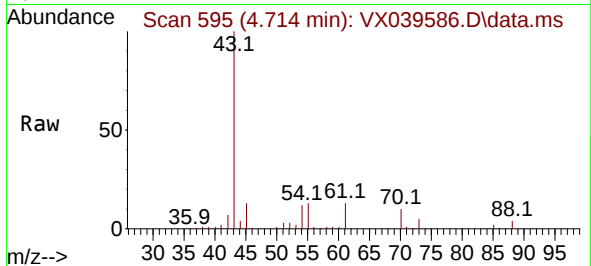
Tgt Ion: 75 Resp: 97552
Ion Ratio Lower Upper
75 100
110 34.4 17.0 50.9
77 31.8 24.7 37.1





#37
Ethyl Acetate
Concen: 50.879 ug/l
RT: 4.714 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

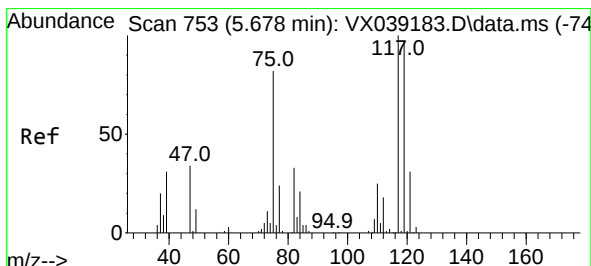
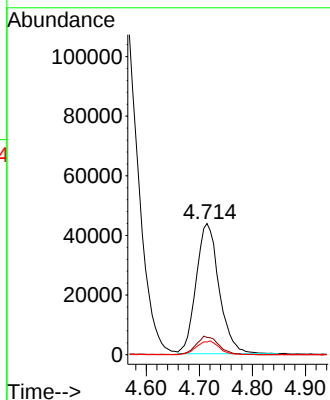
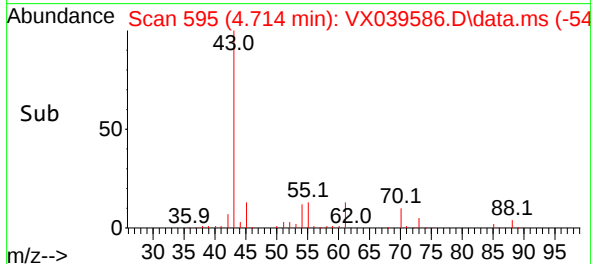
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 13138
Ion Ratio Lower Upper
43 100
61 14.1 10.6 16.0
70 10.3 8.3 12.5

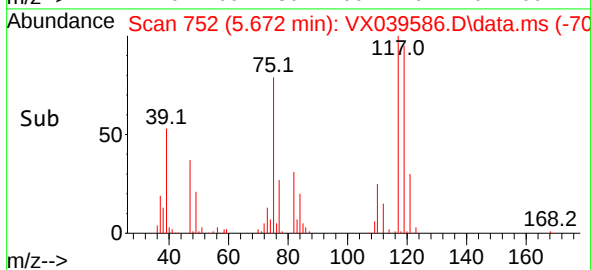
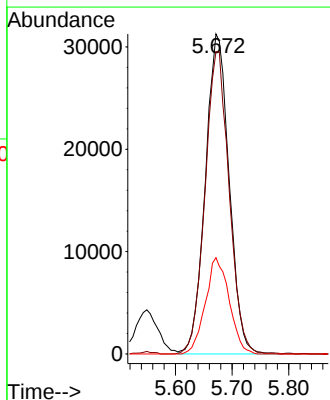
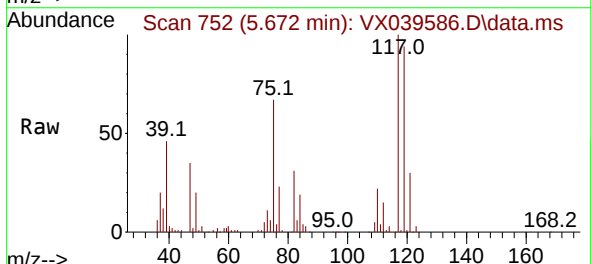
Manual Integrations
APPROVED

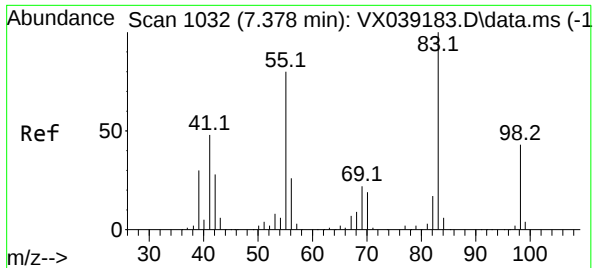
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#38
Carbon Tetrachloride
Concen: 45.711 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Tgt Ion:117 Resp: 91177
Ion Ratio Lower Upper
117 100
119 94.2 78.2 117.2
121 30.1 24.4 36.6





#39

Methylcyclohexane

Concen: 48.165 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 120925

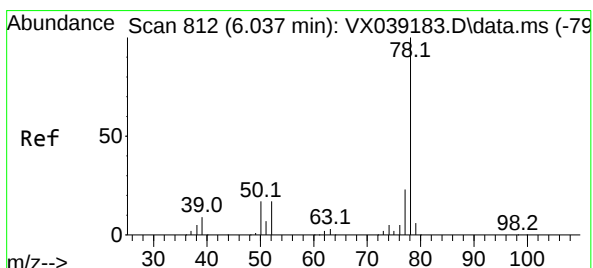
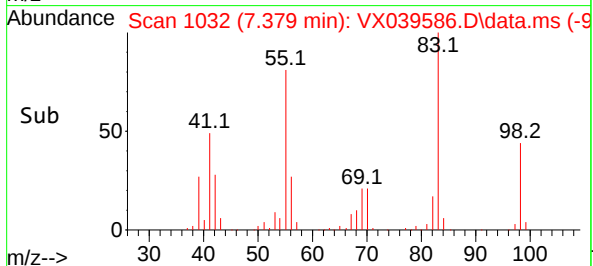
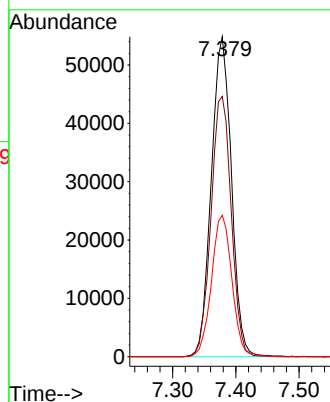
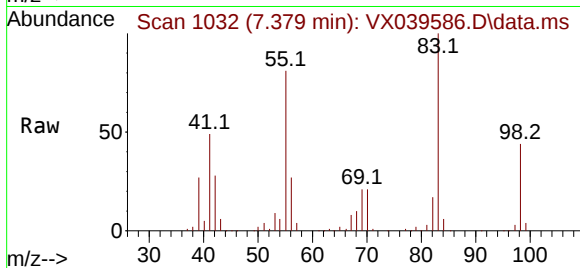
Ion	Ratio	Lower	Upper
83	100		
55	81.4	64.6	97.0
98	44.2	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#40

Benzene

Concen: 50.548 ug/l

RT: 6.037 min Scan# 812

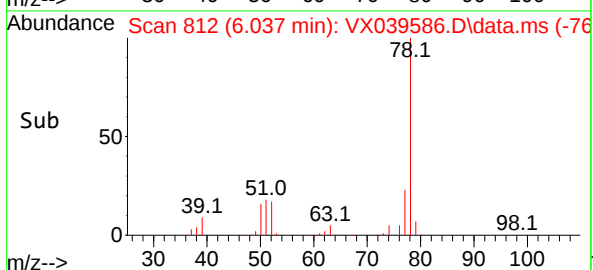
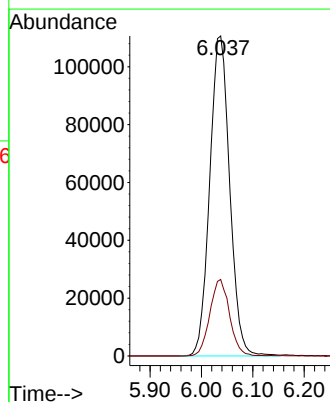
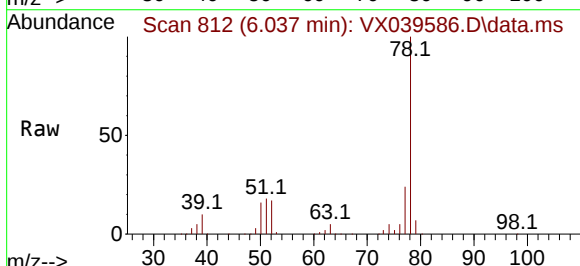
Delta R.T. 0.000 min

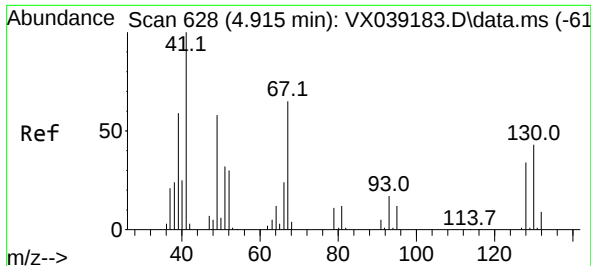
Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

Tgt Ion: 78 Resp: 298863

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





#41
Methacrylonitrile
Concen: 51.405 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

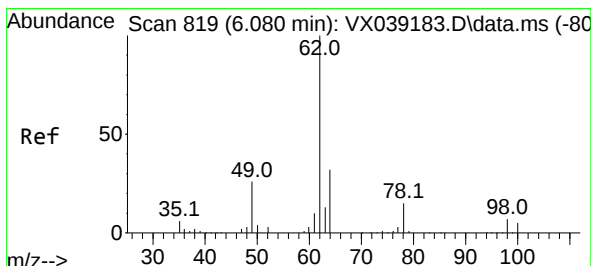
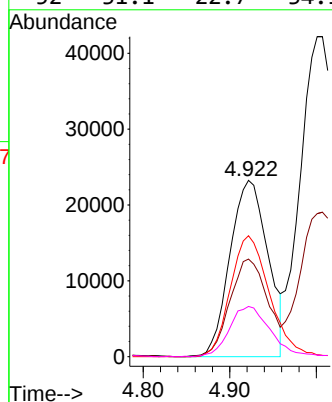
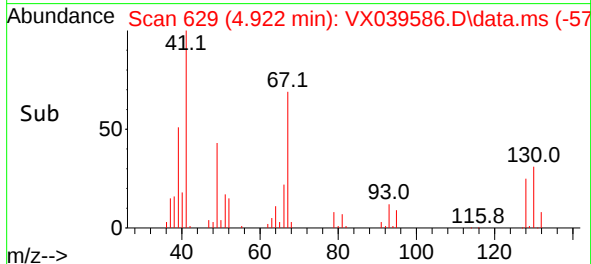
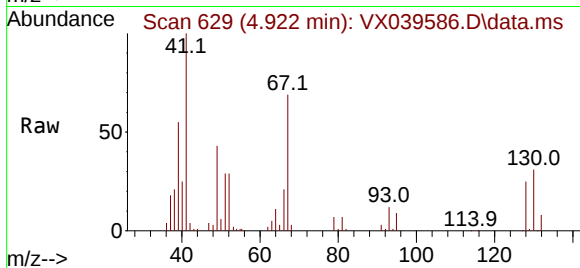
Tgt Ion: 41 Resp: 7082
Ion Ratio Lower Upper
41 100
39 54.8 45.2 67.8
67 70.5 52.6 78.8
52 31.1 22.7 34.1

Manual Integrations

APPROVED

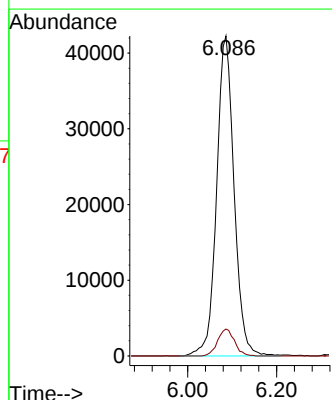
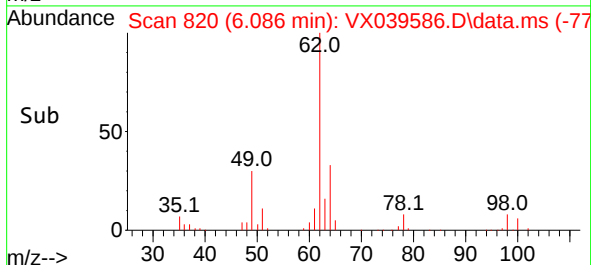
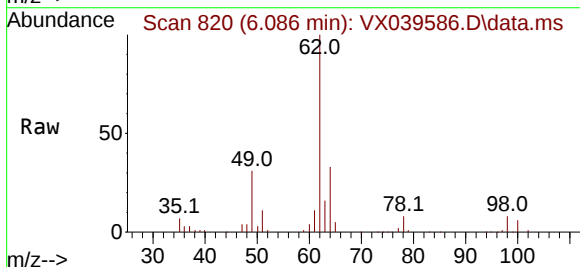
Reviewed By :John Carlone 01/03/2024

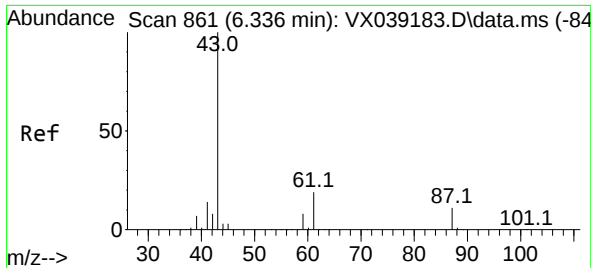
Supervised By :Mahesh Dadoda 01/04/2024



#42
1,2-Dichloroethane
Concen: 48.043 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

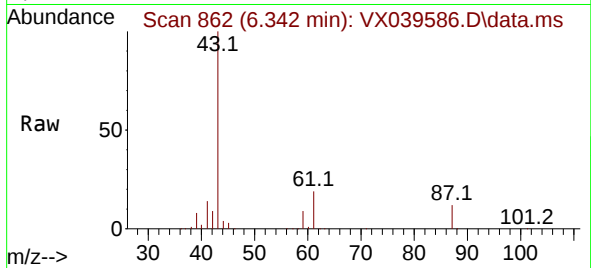
Tgt Ion: 62 Resp: 114980
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 49.988 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

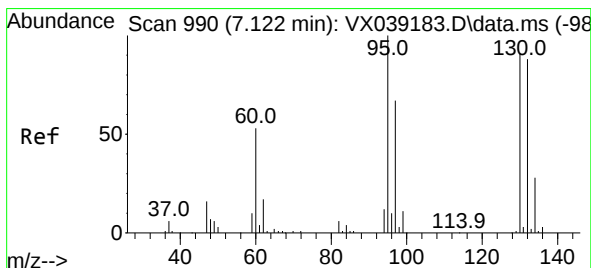
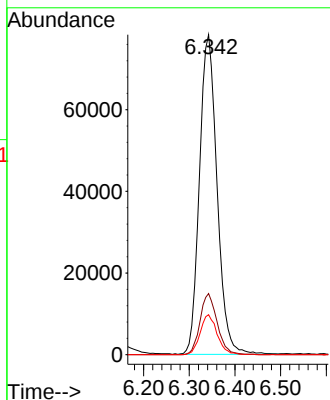
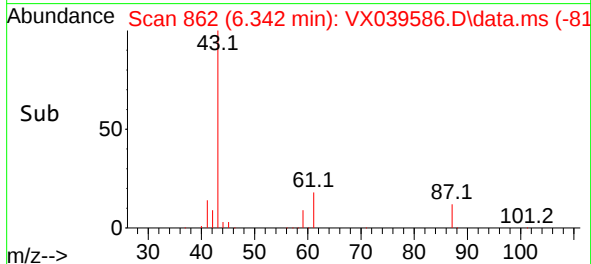
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 20990
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 12.1 9.8 14.6

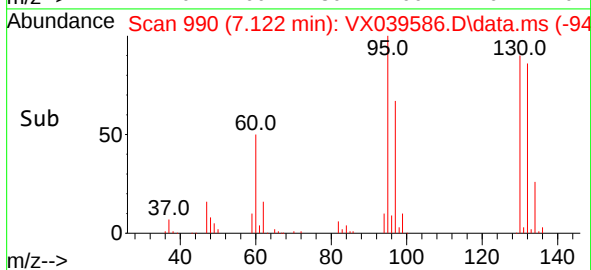
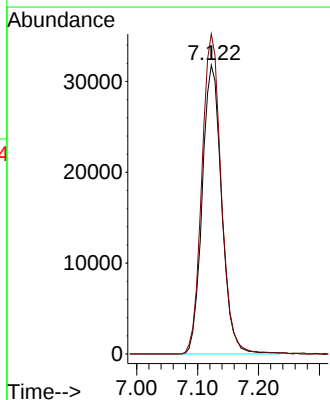
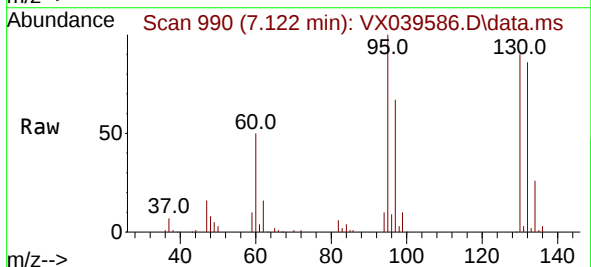
Manual Integrations
APPROVED

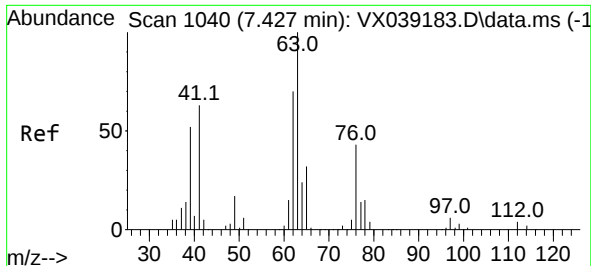
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#44
Trichloroethene
Concen: 47.254 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Tgt Ion:130 Resp: 70502
Ion Ratio Lower Upper
130 100
95 110.8 0.0 204.4





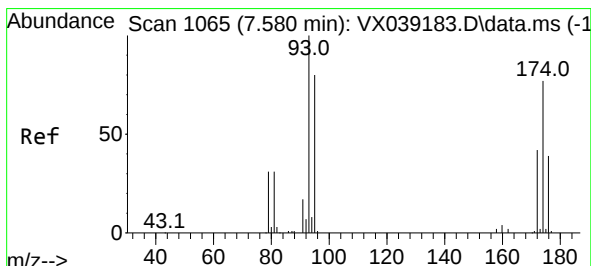
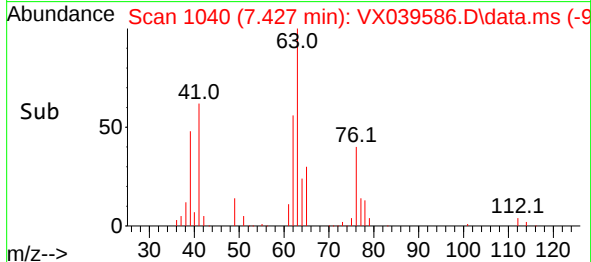
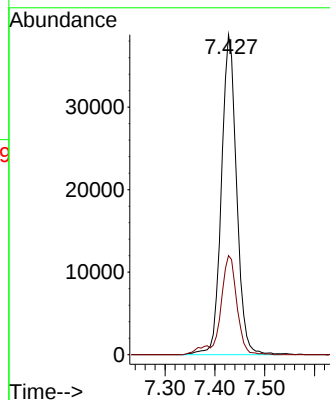
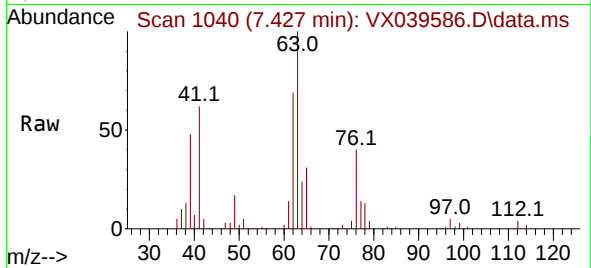
#45
1,2-Dichloropropane
Concen: 51.634 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 8193
Ion Ratio Lower Upper
63 100
65 31.0 24.3 36.5

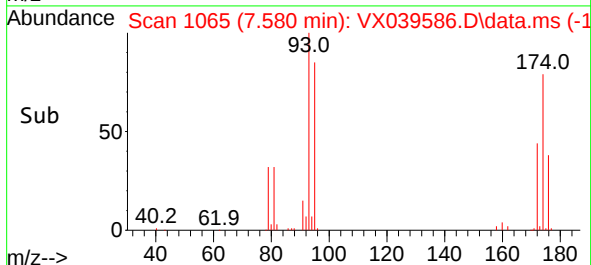
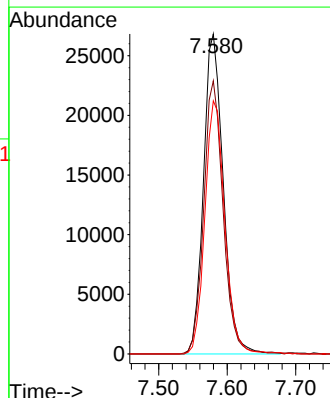
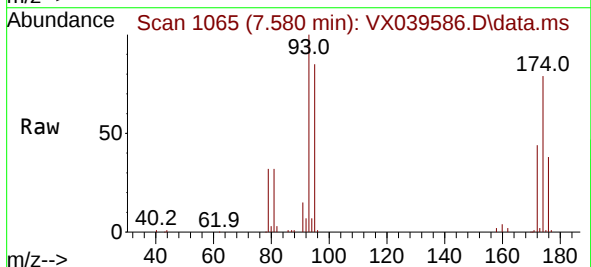
Manual Integrations
APPROVED

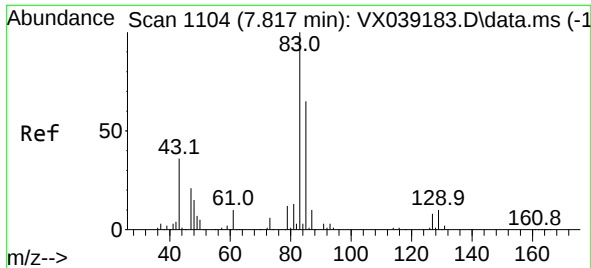
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#46
Dibromomethane
Concen: 48.245 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

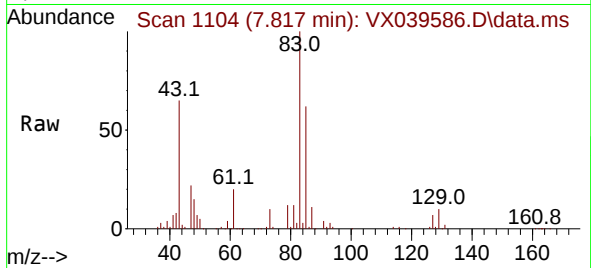
Tgt Ion: 93 Resp: 53814
Ion Ratio Lower Upper
93 100
95 84.3 66.6 100.0
174 80.0 69.4 104.0





#47
Bromodichloromethane
Concen: 47.720 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

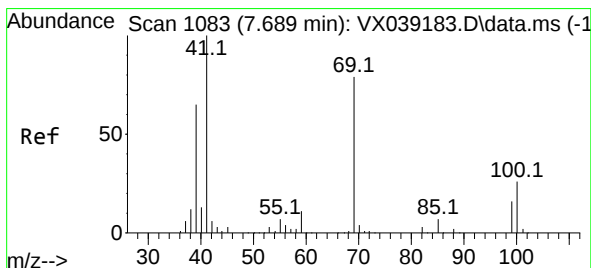
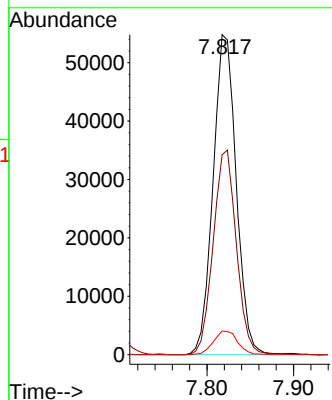
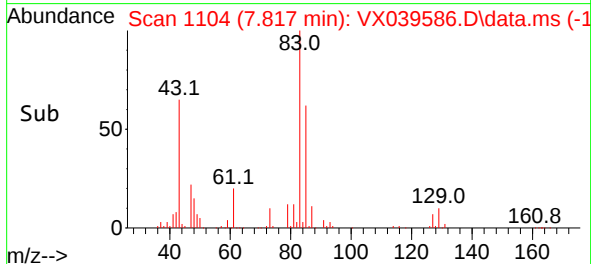
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



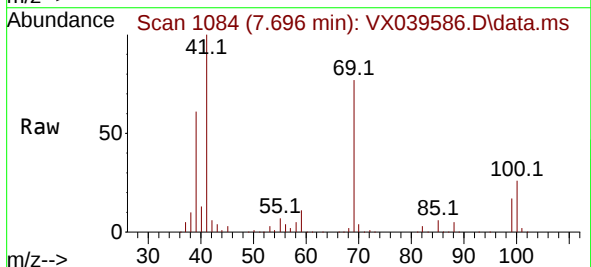
Tgt Ion: 83 Resp: 101775
Ion Ratio Lower Upper
83 100
85 62.5 49.8 74.6
127 7.4 7.1 10.7

Manual Integrations
APPROVED

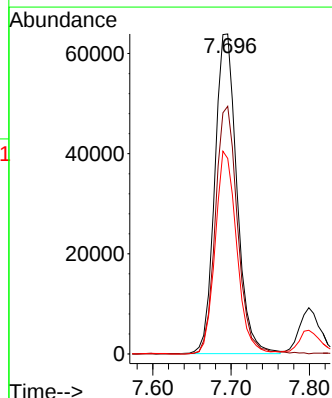
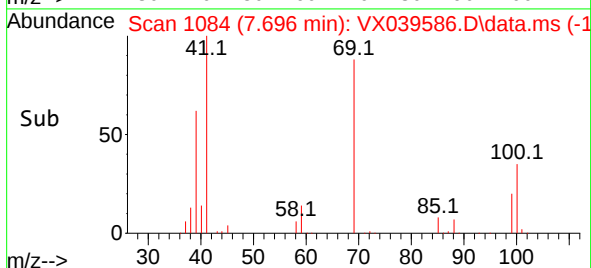
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

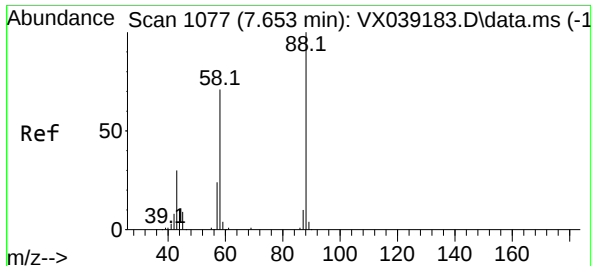


#48
Methyl methacrylate
Concen: 51.149 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41



Tgt Ion: 41 Resp: 125564
Ion Ratio Lower Upper
41 100
69 77.7 59.2 88.8
39 62.0 47.7 71.5





#49

1,4-Dioxane

Concen: 1231.235 ug/l

RT: 7.665 min Scan# 1077

Delta R.T. 0.012 min

Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 4074

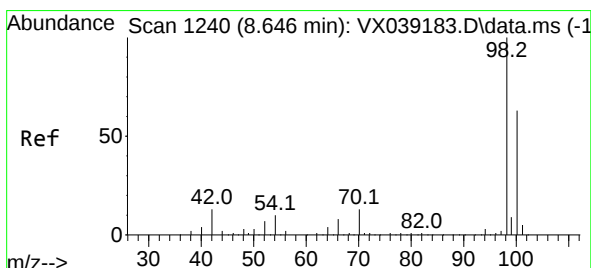
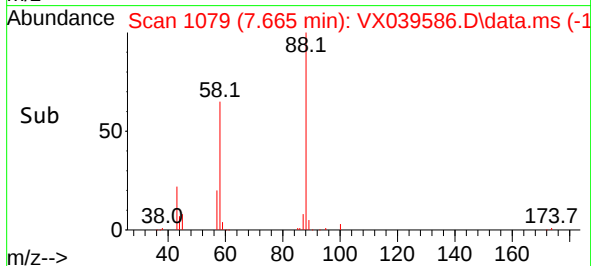
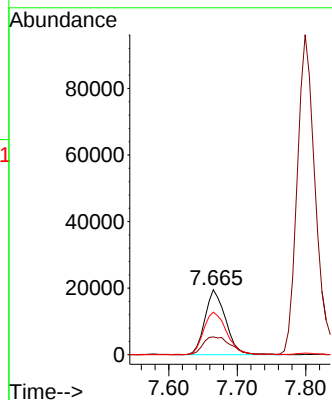
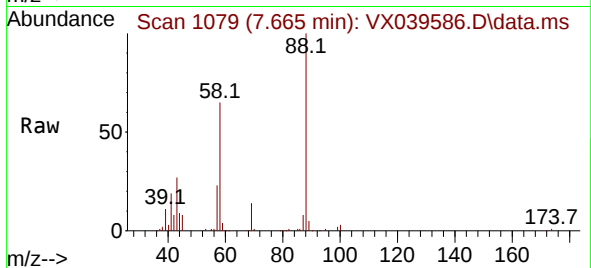
Ion	Ratio	Lower	Upper
88	100		
43	36.3	0.0	0.0
58	72.8	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#50

Toluene-d8

Concen: 47.654 ug/l

RT: 8.647 min Scan# 1240

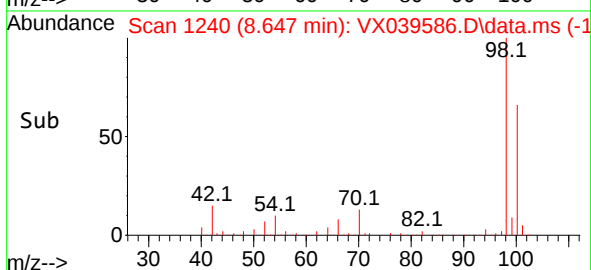
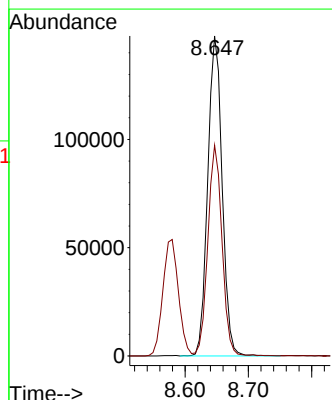
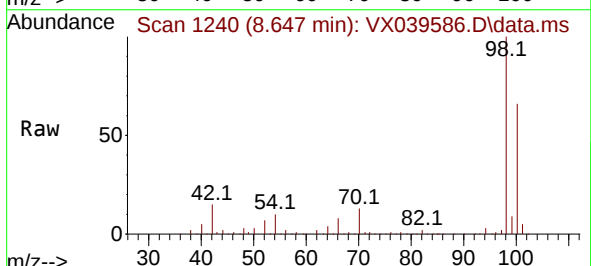
Delta R.T. 0.000 min

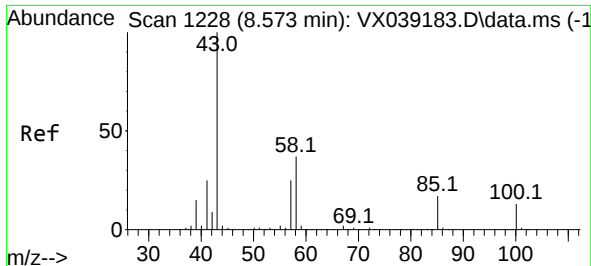
Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

Tgt Ion: 98 Resp: 234328

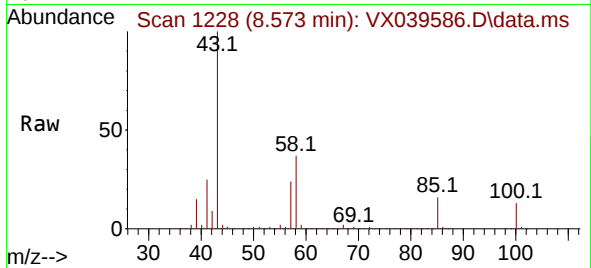
Ion	Ratio	Lower	Upper
98	100		
100	64.6	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 266.945 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

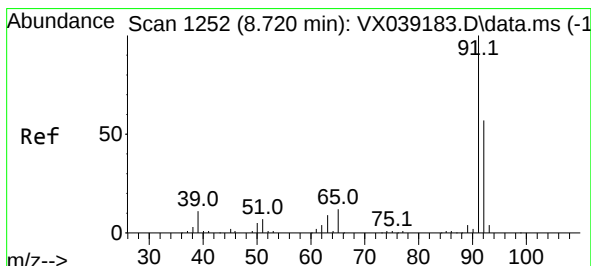
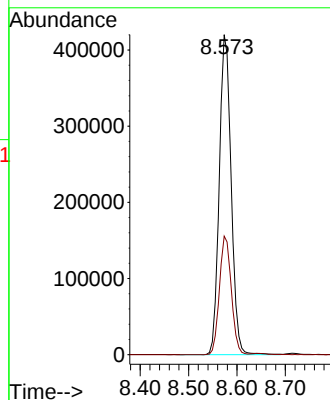
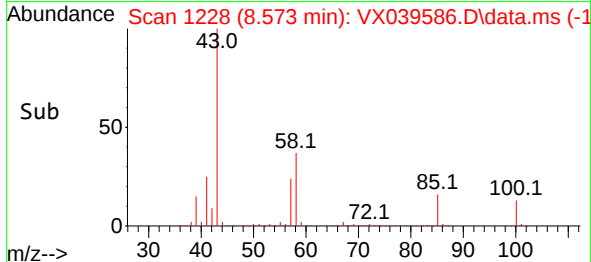
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 714194
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6

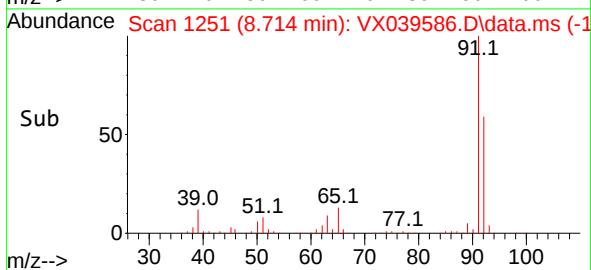
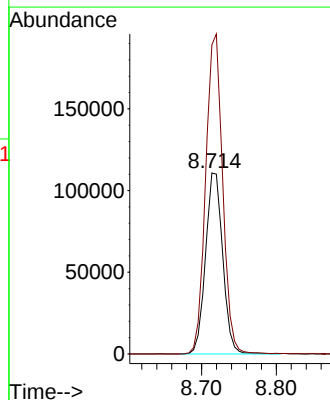
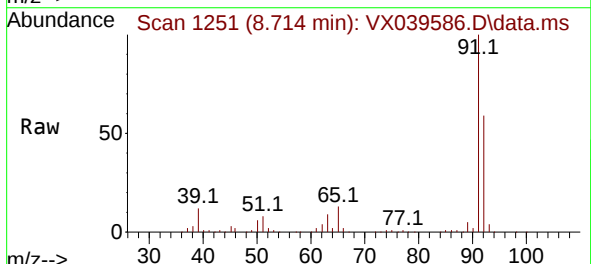
Manual Integrations
APPROVED

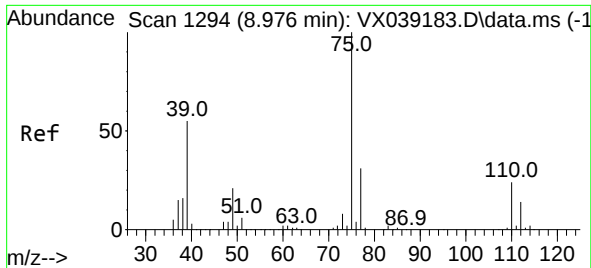
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#52
Toluene
Concen: 49.538 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Tgt Ion: 92 Resp: 176778
Ion Ratio Lower Upper
92 100
91 174.4 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 46.638 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

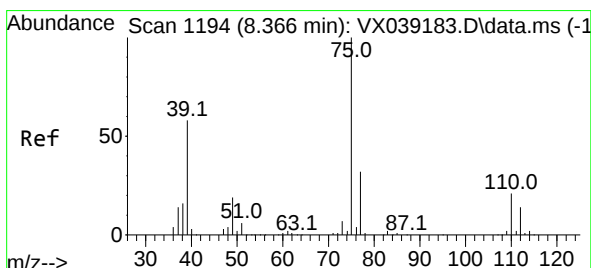
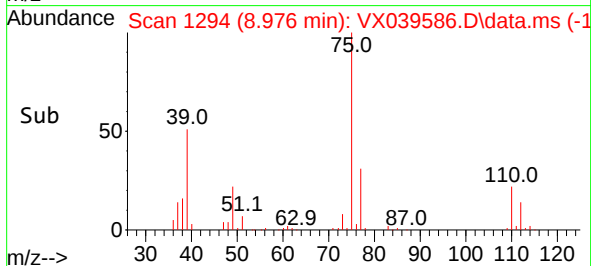
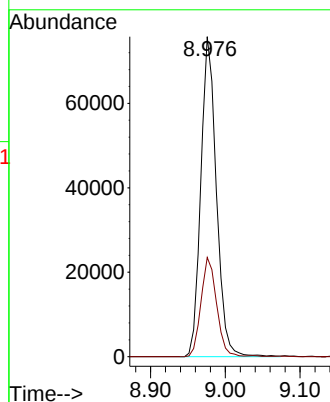
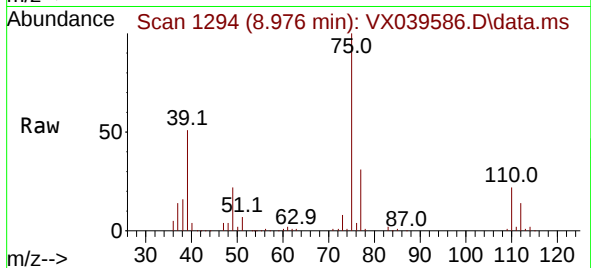
VSTDCCC050EC

Tgt Ion: 75 Resp: 109508
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5

Manual Integrations

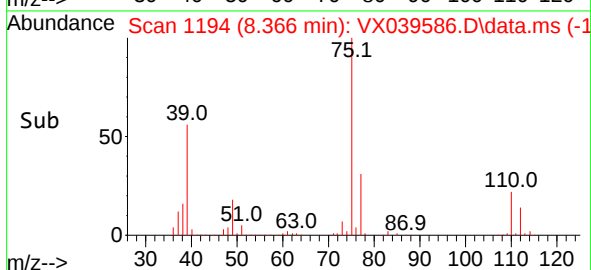
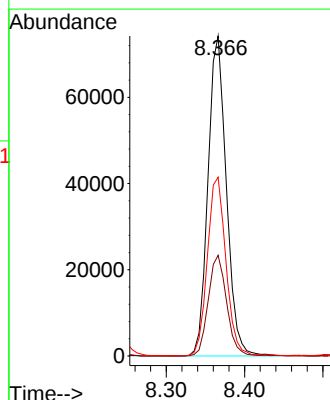
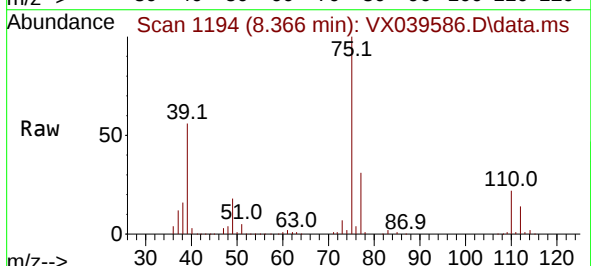
APPROVED

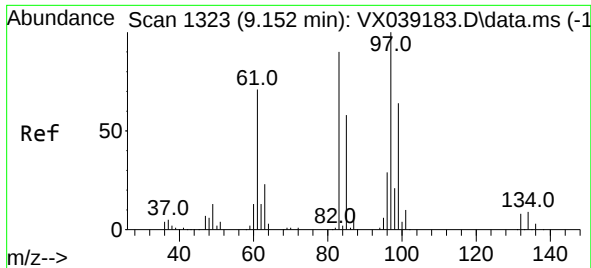
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#54
cis-1,3-Dichloropropene
Concen: 47.782 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

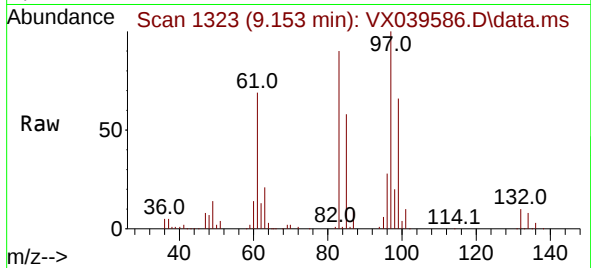
Tgt Ion: 75 Resp: 120718
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 55.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.723 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

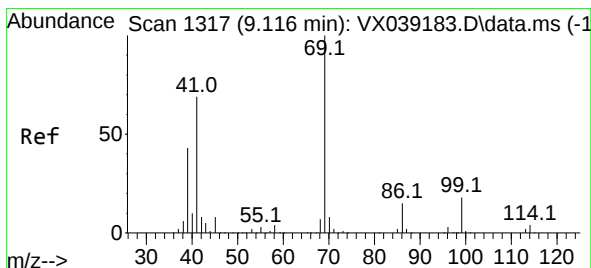
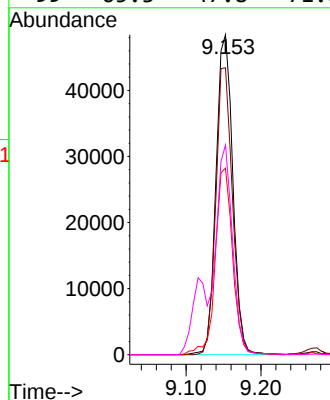
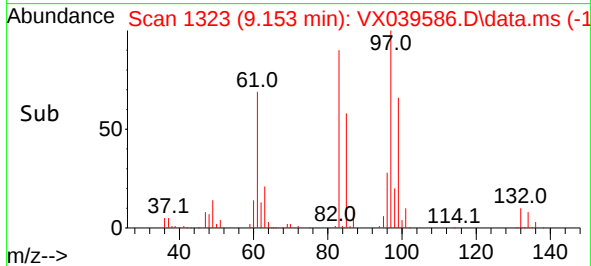
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	7556
Ion	Ratio	Lower	Upper
97	100		
83	89.7	65.8	98.8
85	58.3	41.6	62.4
99	65.3	47.8	71.8

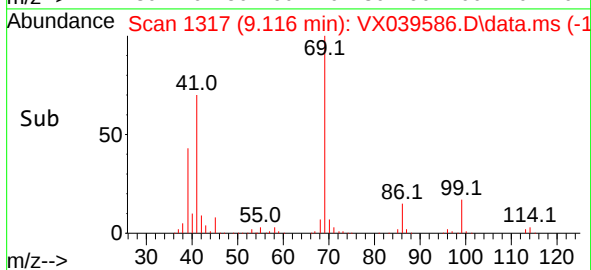
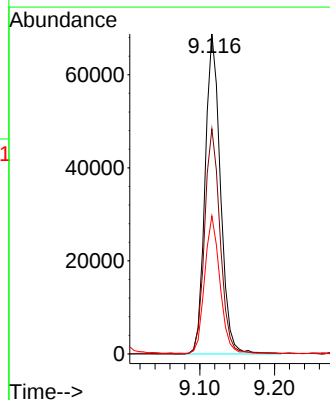
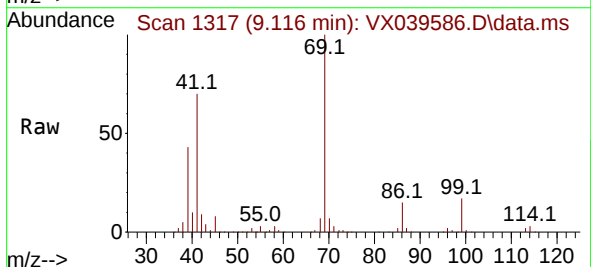
Manual Integrations
APPROVED

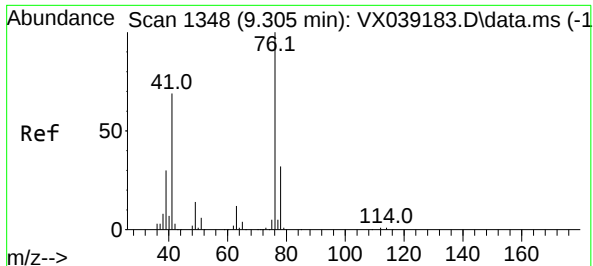
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#56
Ethyl methacrylate
Concen: 53.823 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Tgt Ion:	69	Resp:	97887
Ion	Ratio	Lower	Upper
69	100		
41	71.6	56.8	85.2
39	42.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 50.336 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 12964

Ion Ratio Lower Upper

76 100

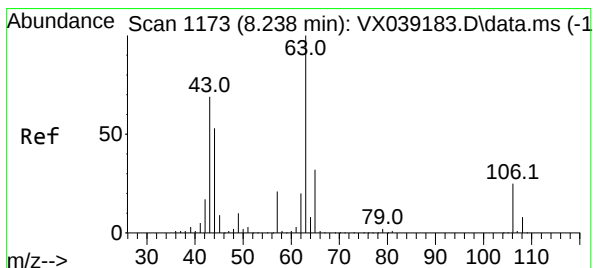
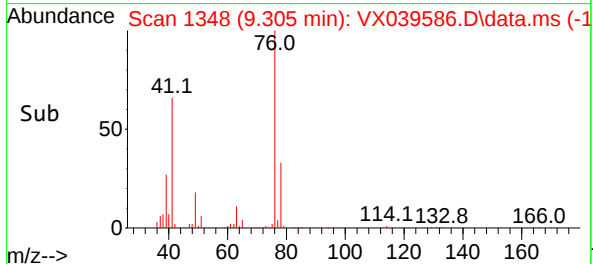
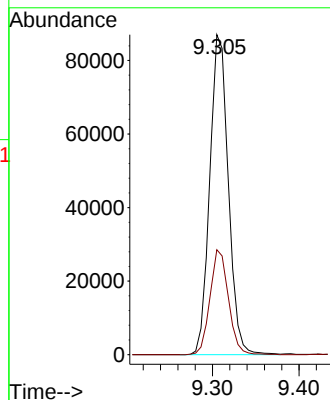
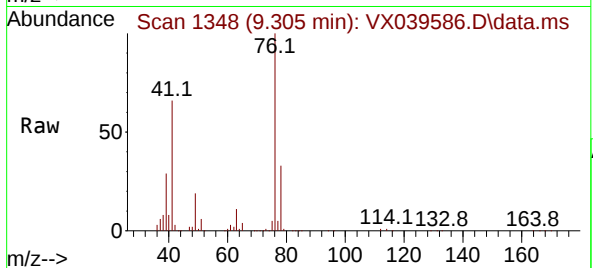
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#58

2-Chloroethyl Vinyl ether

Concen: 283.985 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039586.D

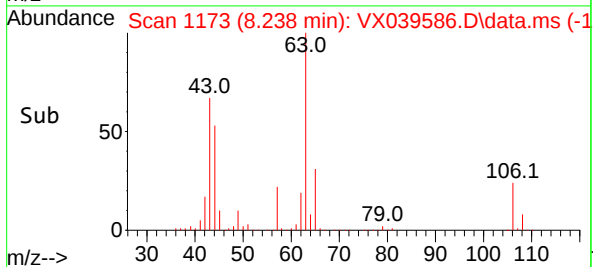
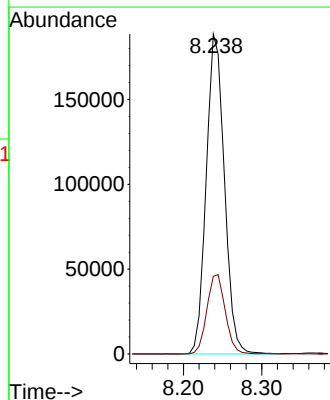
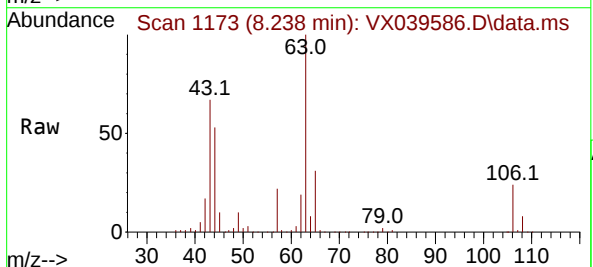
Acq: 02 Jan 2024 20:41

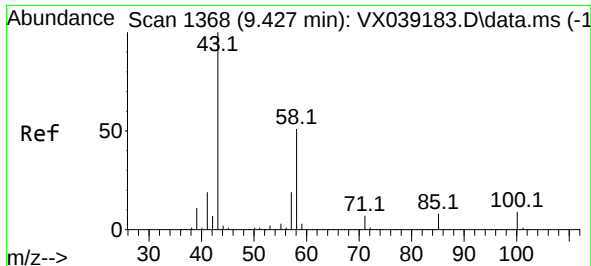
Tgt Ion: 63 Resp: 303271

Ion Ratio Lower Upper

63 100

106 25.1 22.5 33.7





#59

2-Hexanone

Concen: 245.300 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 566398

Ion Ratio Lower Upper

43 100

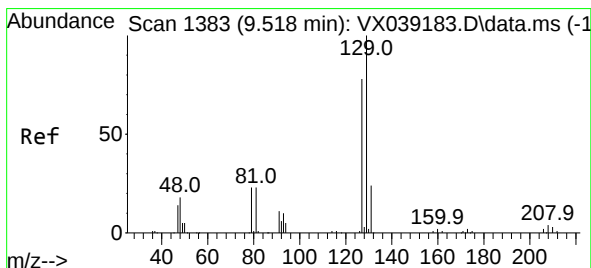
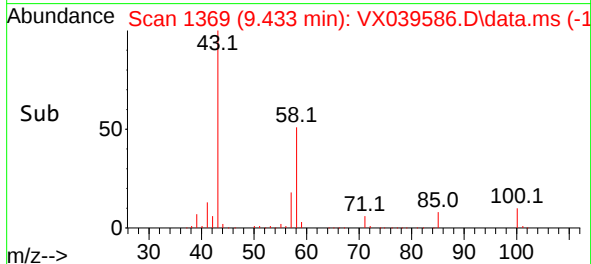
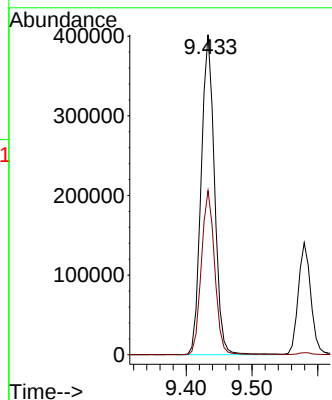
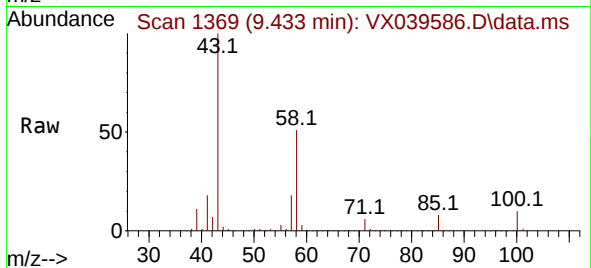
58 51.2 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#60

Dibromochloromethane

Concen: 47.210 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039586.D

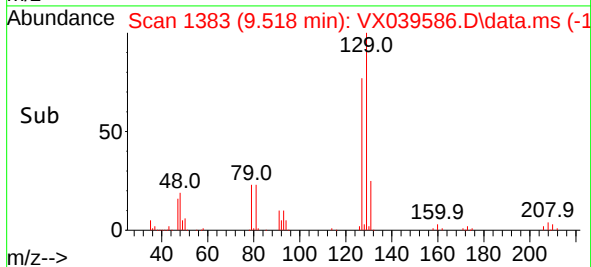
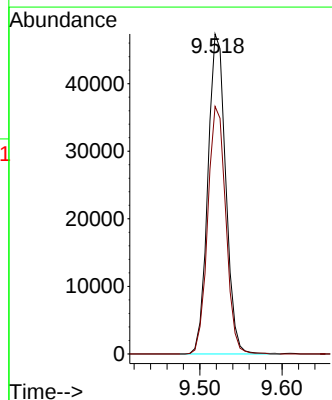
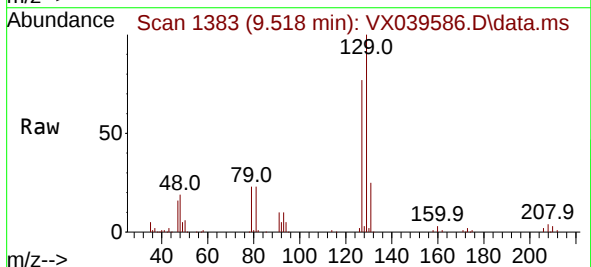
Acq: 02 Jan 2024 20:41

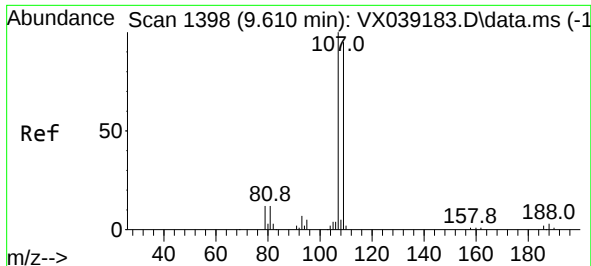
Tgt Ion:129 Resp: 71130

Ion Ratio Lower Upper

129 100

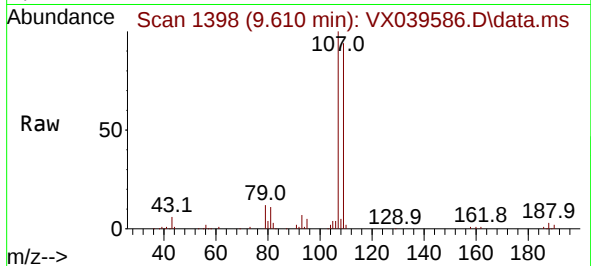
127 78.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.975 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

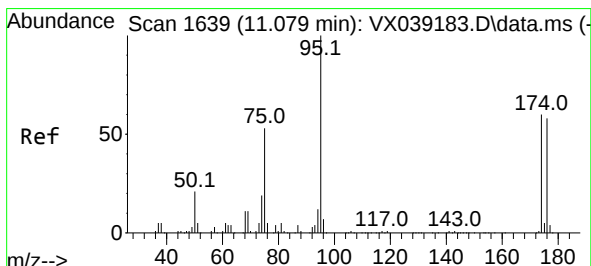
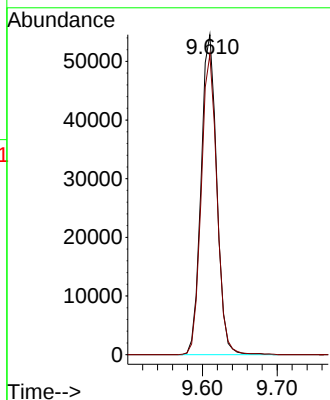
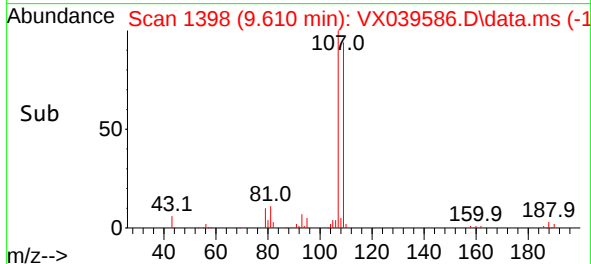
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



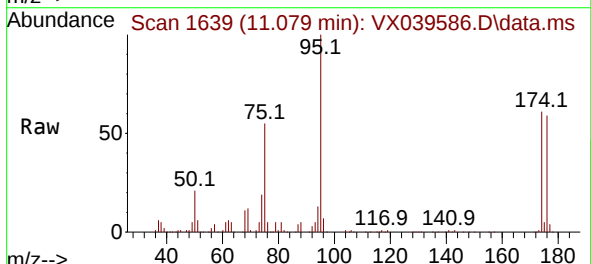
Tgt Ion:107 Resp: 79480
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8

Manual Integrations
APPROVED

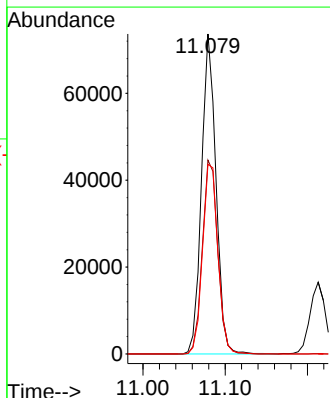
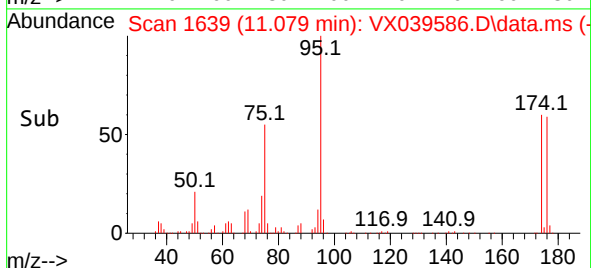
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

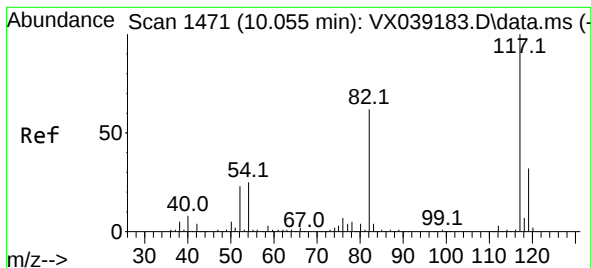


#62
4-Bromofluorobenzene
Concen: 44.442 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41



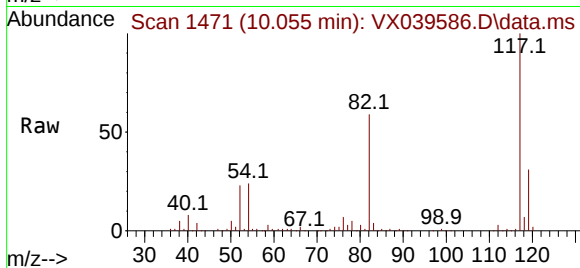
Tgt Ion: 95 Resp: 90167
Ion Ratio Lower Upper
95 100
174 64.1 0.0 135.6
176 63.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

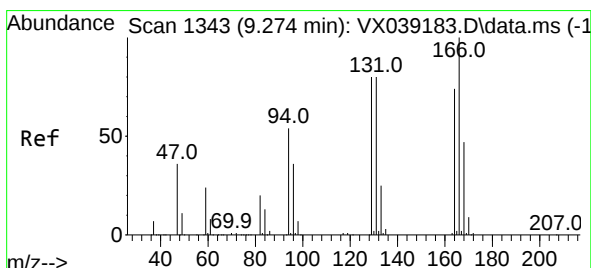
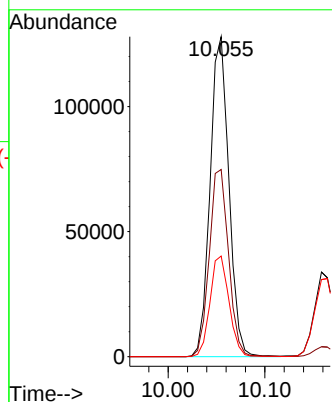
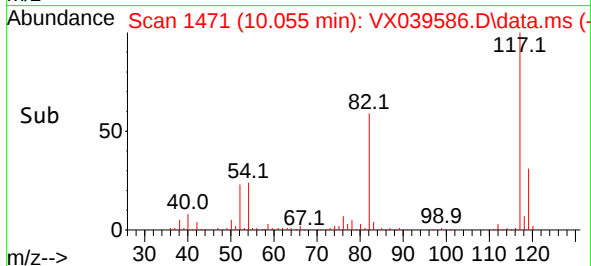
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 172618
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 31.4 25.5 38.3

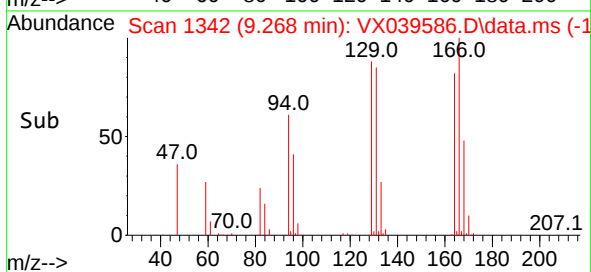
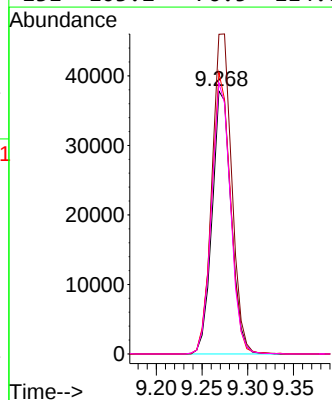
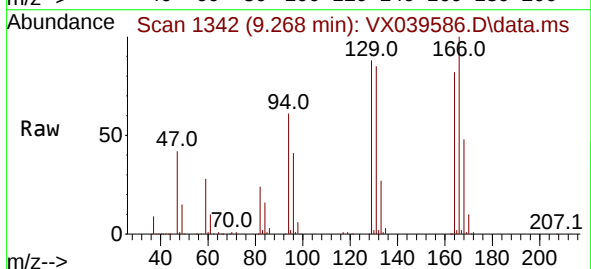
Manual Integrations
APPROVED

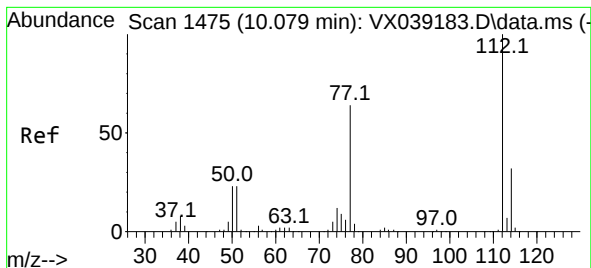
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#64
Tetrachloroethene
Concen: 48.401 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Tgt Ion:164 Resp: 54596
Ion Ratio Lower Upper
164 100
166 121.6 102.7 154.1
129 107.0 80.4 120.6
131 103.2 76.5 114.7





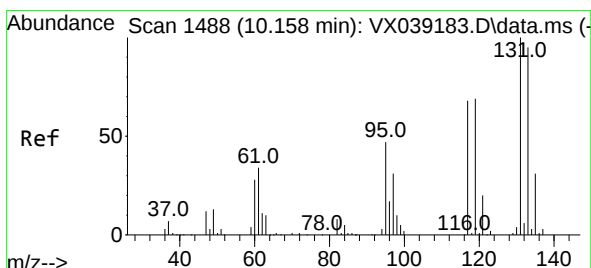
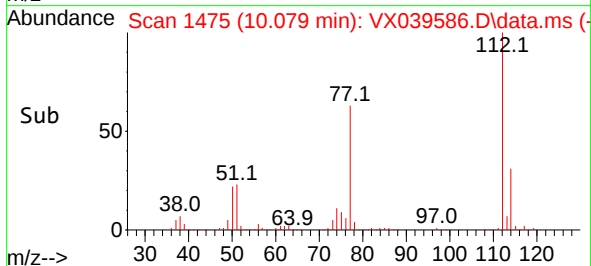
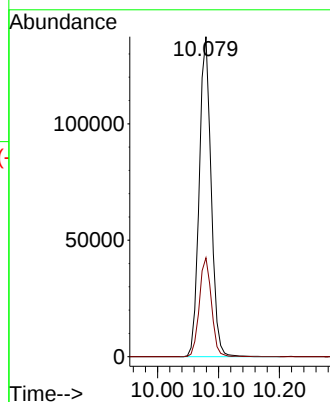
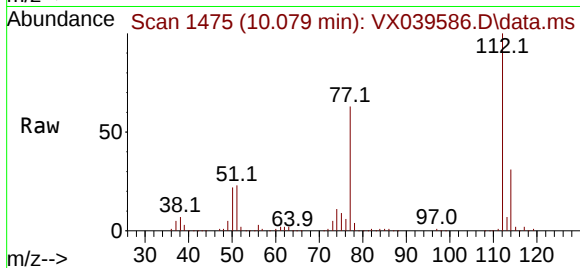
#65
Chlorobenzene
Concen: 49.323 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 18583
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5

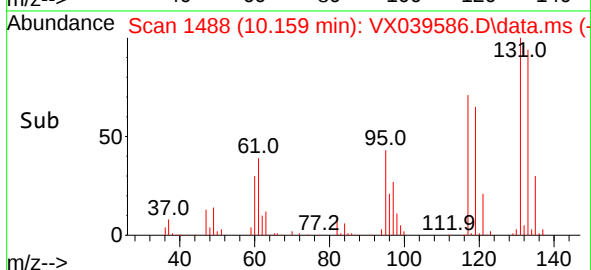
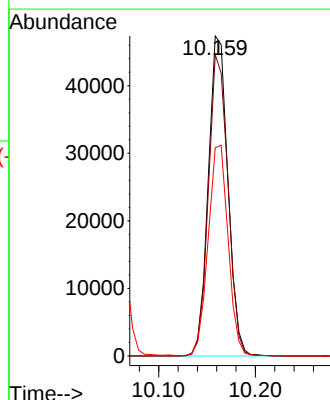
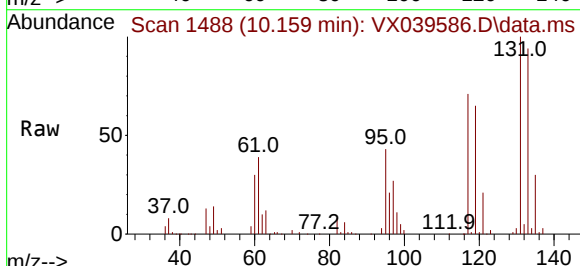
Manual Integrations
APPROVED

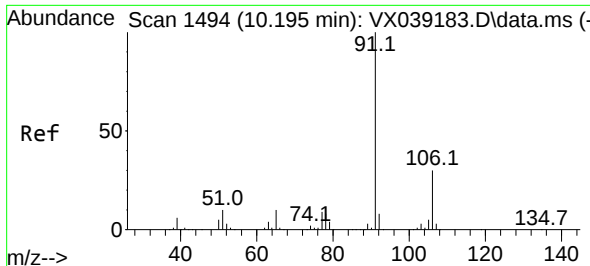
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.185 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Tgt Ion:131 Resp: 66790
Ion Ratio Lower Upper
131 100
133 94.0 47.1 141.4
119 67.3 32.2 96.6





#67

Ethyl Benzene

Concen: 49.970 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 350460

Ion Ratio Lower Upper

91 100

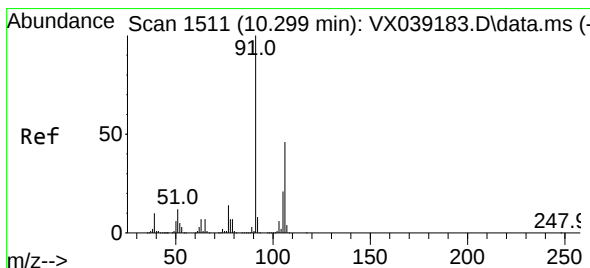
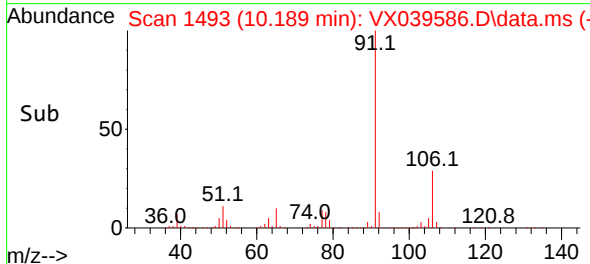
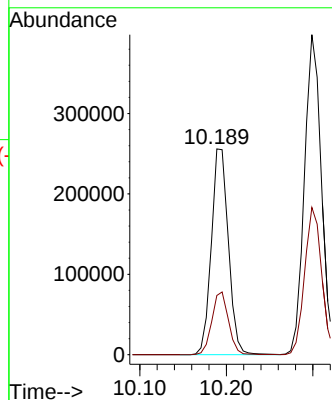
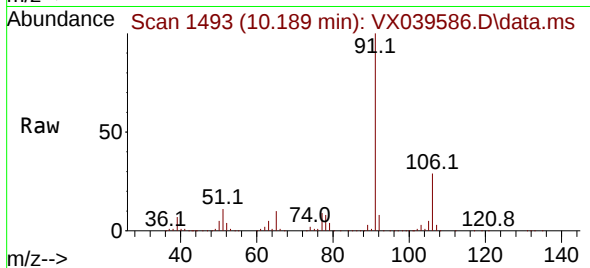
106 28.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#68

m/p-Xylenes

Concen: 100.400 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039586.D

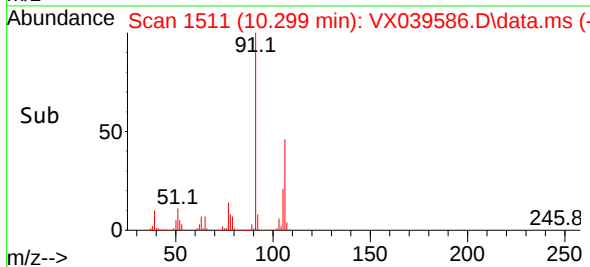
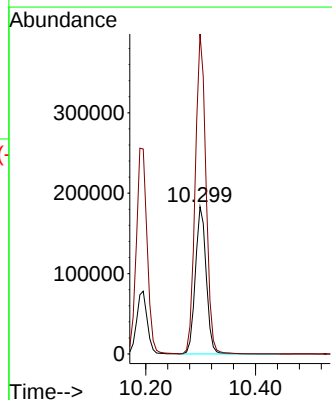
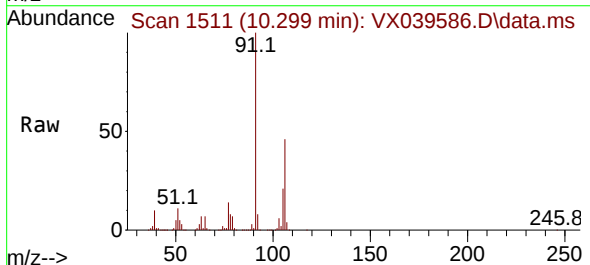
Acq: 02 Jan 2024 20:41

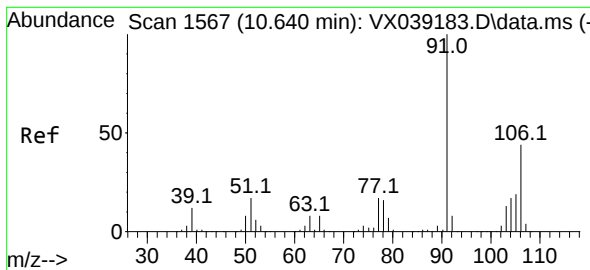
Tgt Ion:106 Resp: 252469

Ion Ratio Lower Upper

106 100

91 214.9 165.5 248.3





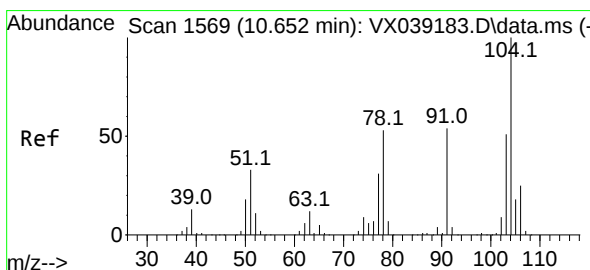
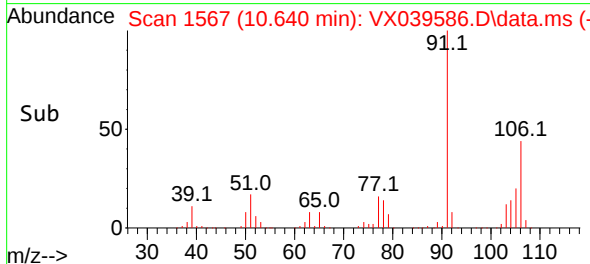
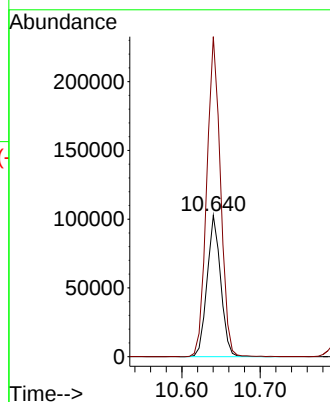
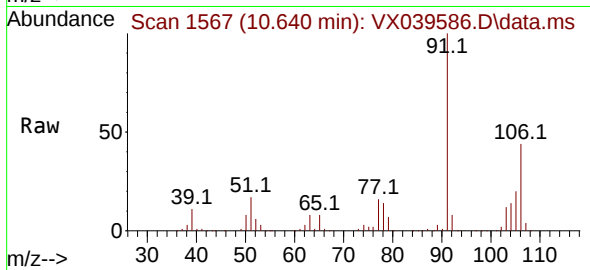
#69
o-Xylene
Concen: 50.728 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 12333
Ion Ratio Lower Upper
106 100
91 229.7 108.9 326.8

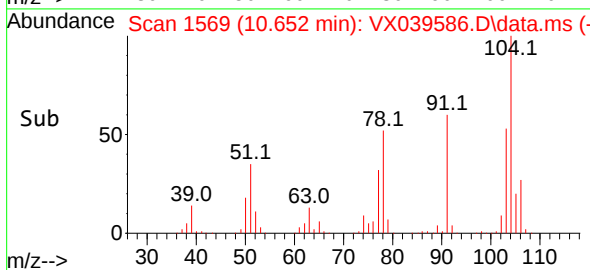
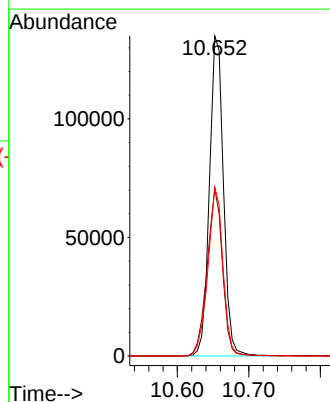
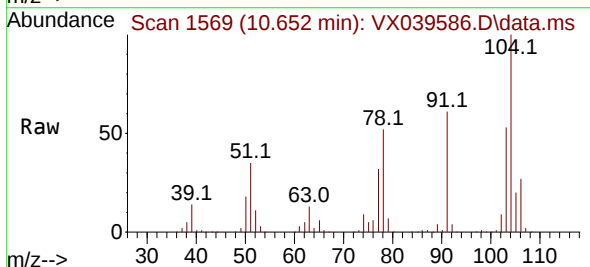
Manual Integrations
APPROVED

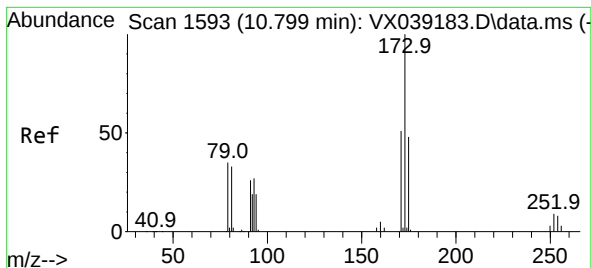
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#70
Styrene
Concen: 51.703 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

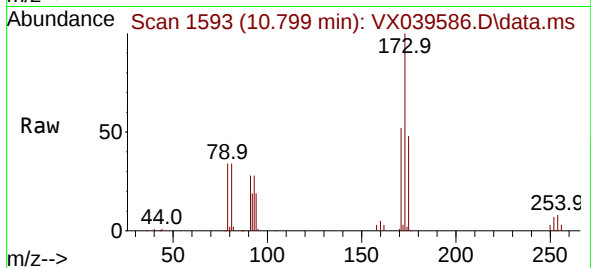
Tgt Ion:104 Resp: 183772
Ion Ratio Lower Upper
104 100
78 57.3 43.6 65.4
103 56.9 43.6 65.4





#71
Bromoform
Concen: 48.195 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

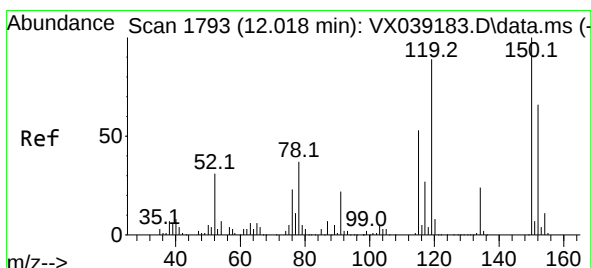
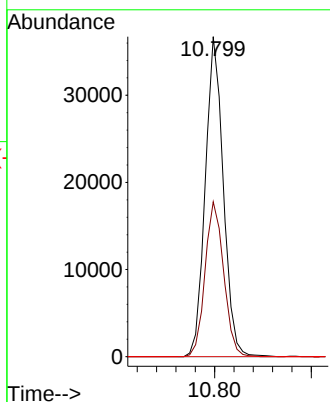
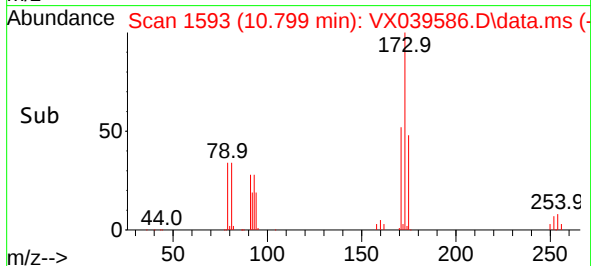
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 47670
Ion Ratio Lower Upper
173 100
175 49.9 24.1 72.4
254 0.0 0.0 0.0

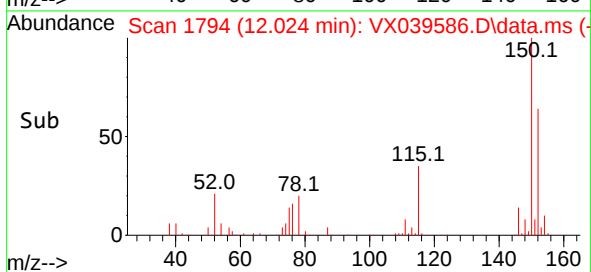
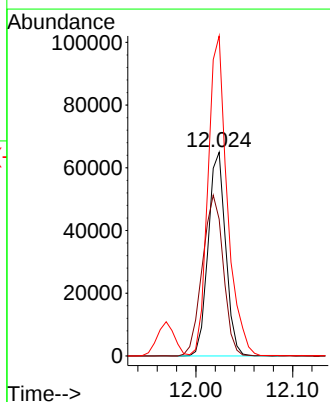
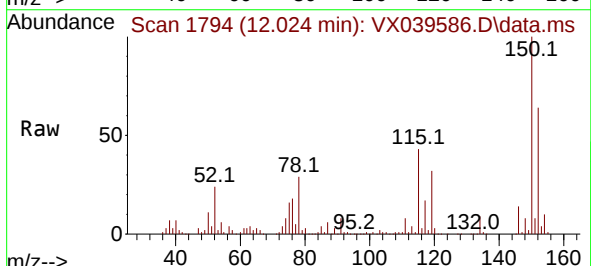
Manual Integrations
APPROVED

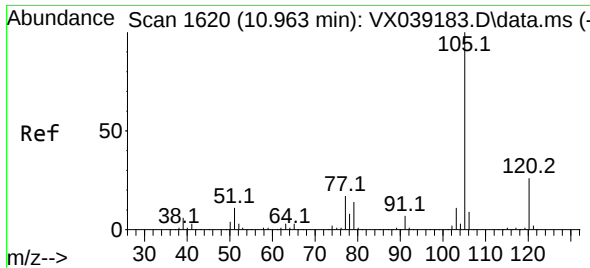
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

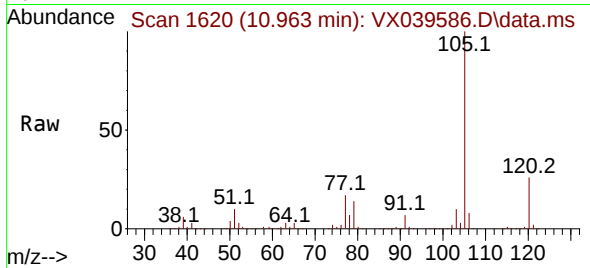
Tgt Ion:152 Resp: 81604
Ion Ratio Lower Upper
152 100
115 94.8 43.3 129.9
150 172.7 0.0 345.0





#73
Isopropylbenzene
Concen: 53.529 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

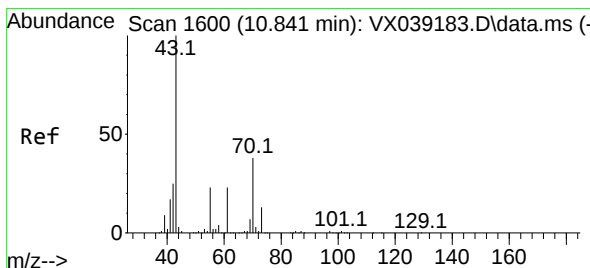
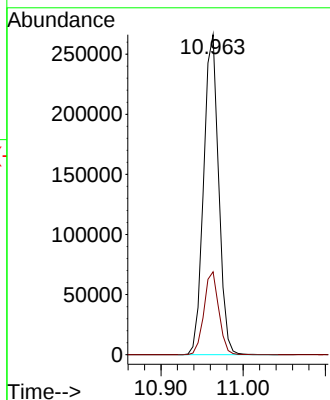
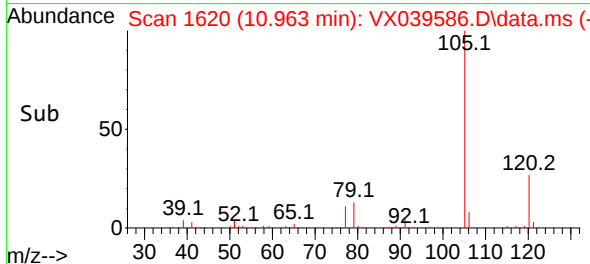
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



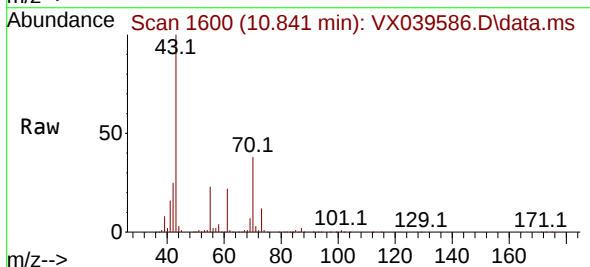
Tgt Ion:105 Resp: 33702
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6

Manual Integrations
APPROVED

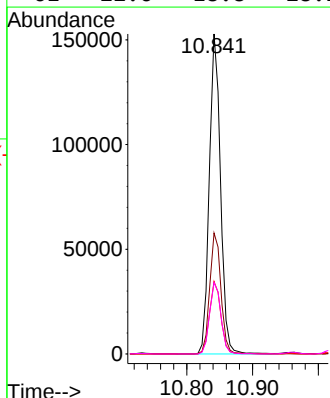
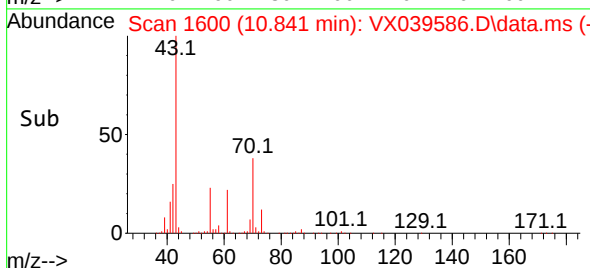
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

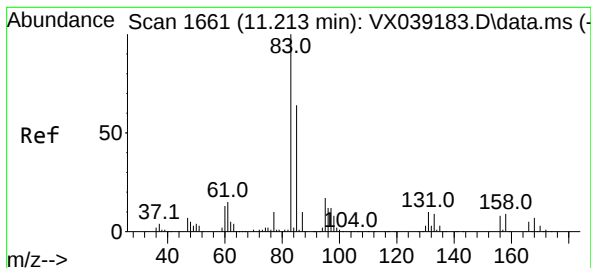


#74
N-ethyl acetate
Concen: 56.831 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41



Tgt Ion: 43 Resp: 181036
Ion Ratio Lower Upper
43 100
70 37.9 32.9 49.3
55 23.0 19.3 28.9
61 22.6 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 56.555 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 132462

Ion Ratio Lower Upper

83 100

131 9.2 5.3 15.8

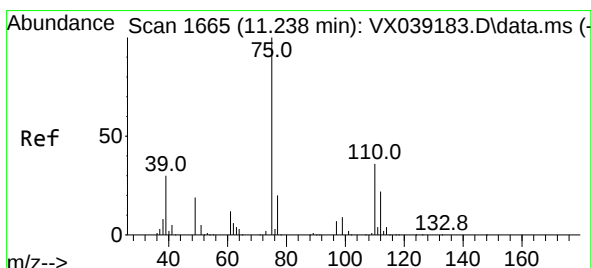
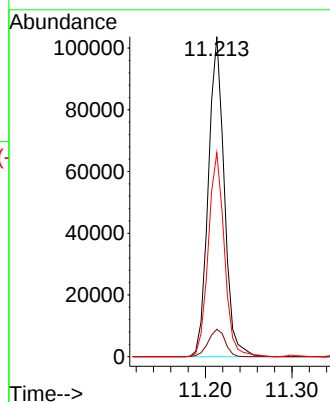
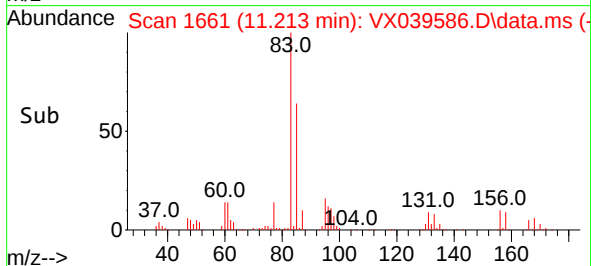
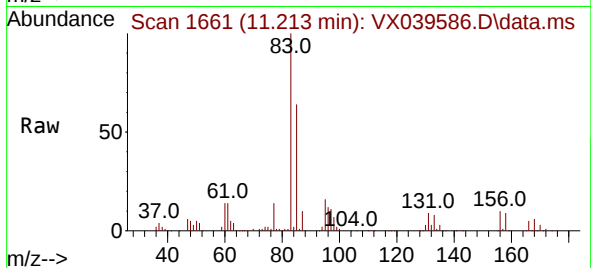
85 64.1 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#76

1,2,3-Trichloropropane

Concen: 52.030 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039586.D

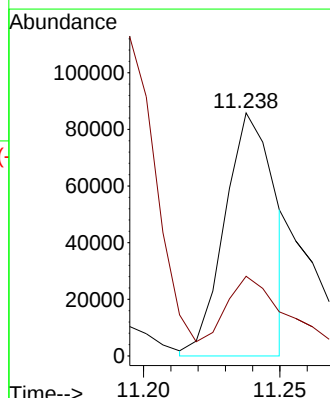
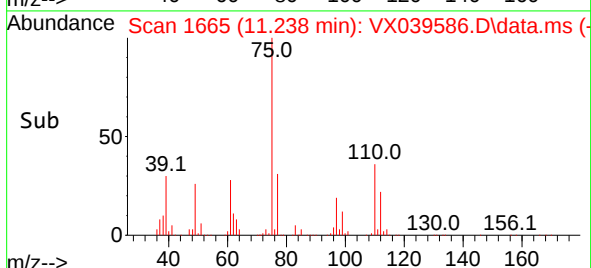
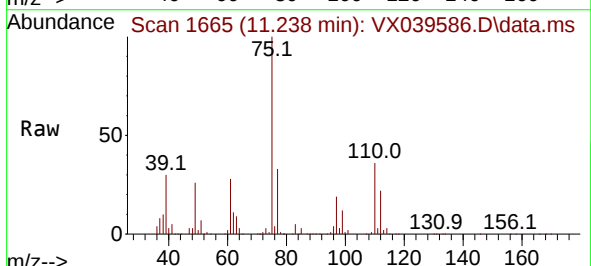
Acq: 02 Jan 2024 20:41

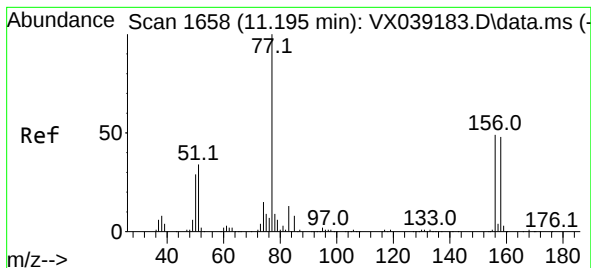
Tgt Ion: 75 Resp: 109848

Ion Ratio Lower Upper

75 100

77 42.7 19.1 57.5





#77

Bromobenzene

Concen: 52.948 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 73718

Ion Ratio Lower Upper

156 100

77 193.1 88.4 265.3

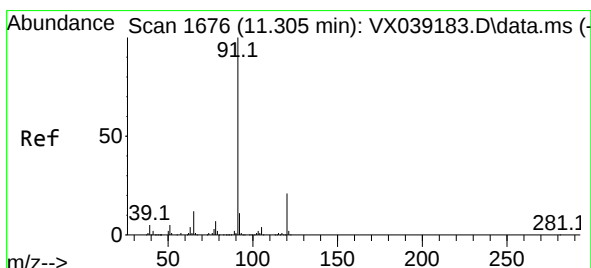
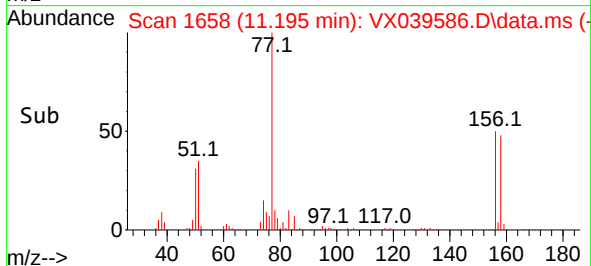
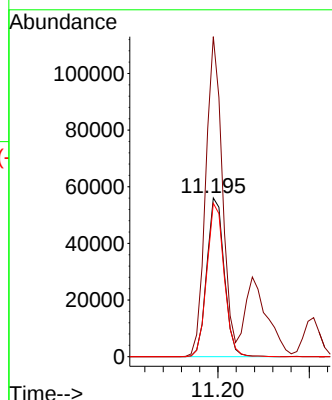
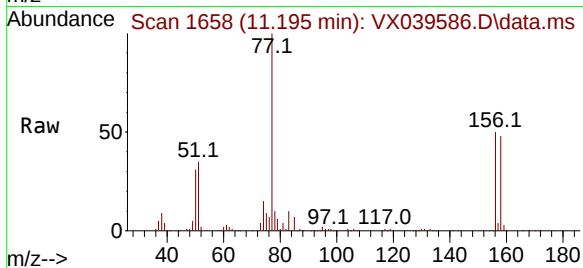
158 96.4 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#78

n-propylbenzene

Concen: 51.665 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039586.D

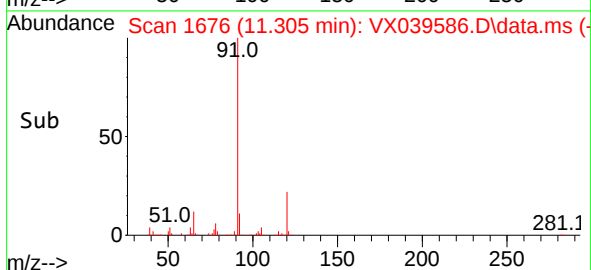
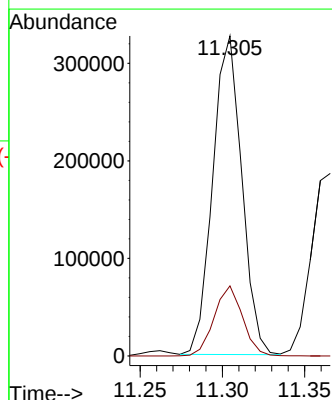
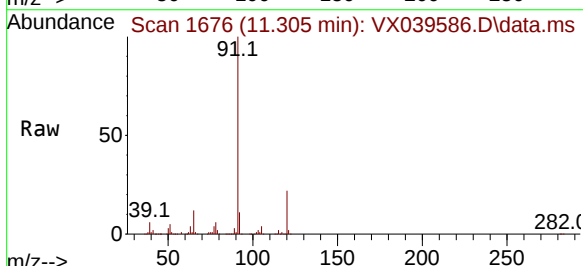
Acq: 02 Jan 2024 20:41

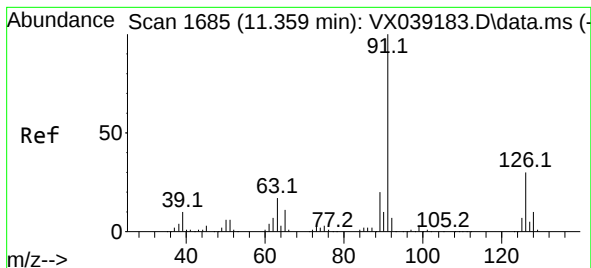
Tgt Ion: 91 Resp: 400780

Ion Ratio Lower Upper

91 100

120 21.6 11.5 34.4





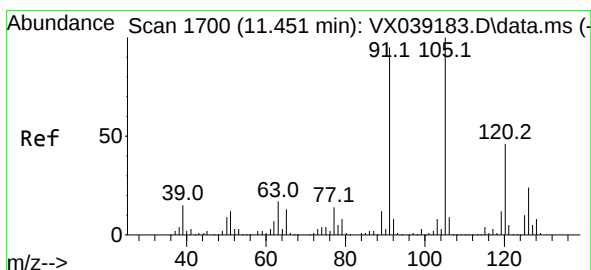
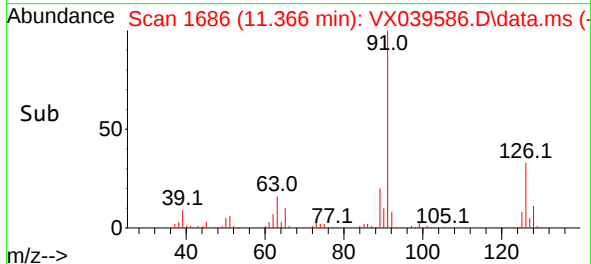
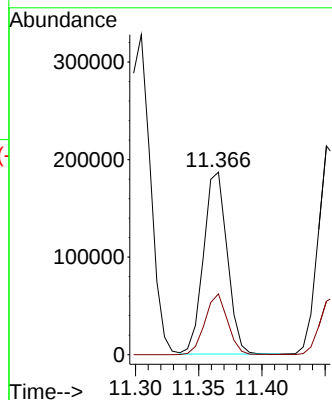
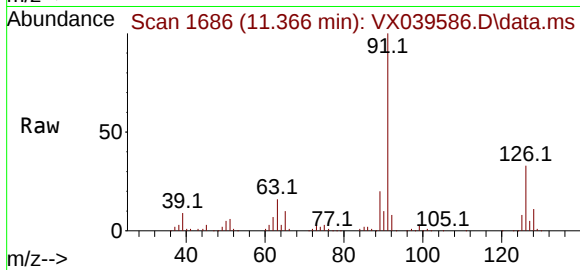
#79
2-Chlorotoluene
Concen: 51.857 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 24332
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

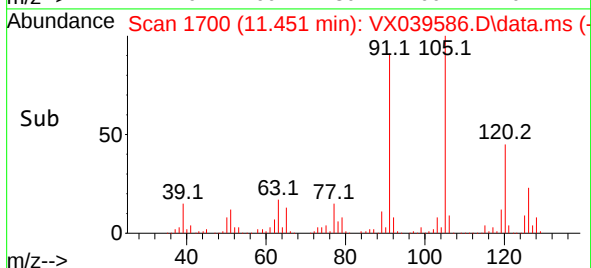
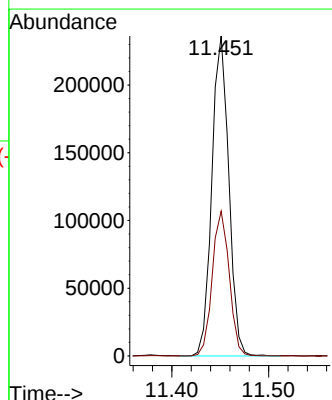
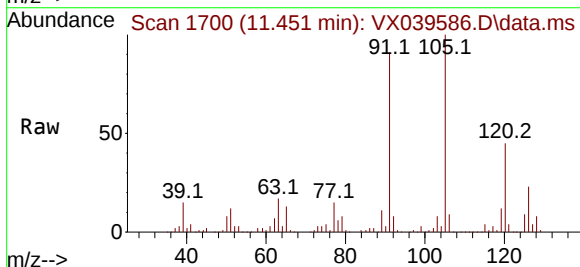
Manual Integrations
APPROVED

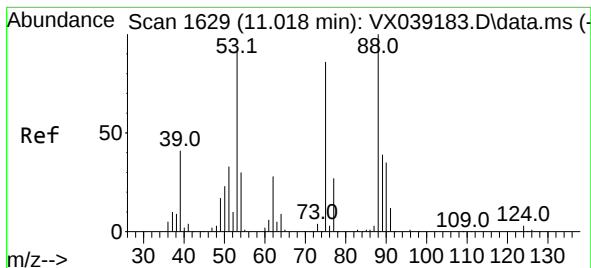
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#80
1,3,5-Trimethylbenzene
Concen: 53.534 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

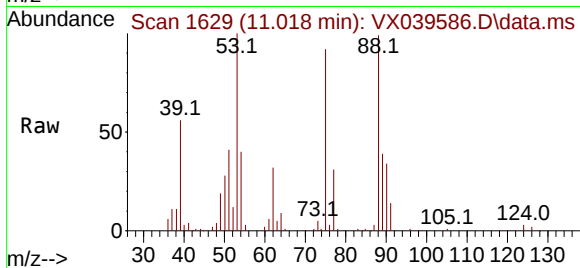
Tgt Ion:105 Resp: 287134
Ion Ratio Lower Upper
105 100
120 45.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.177 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

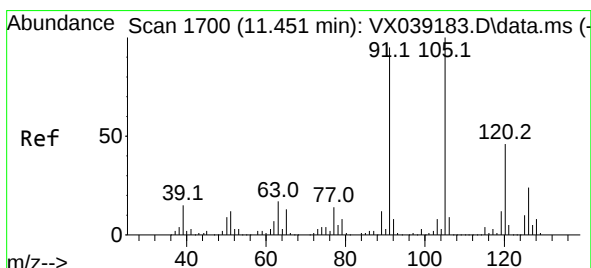
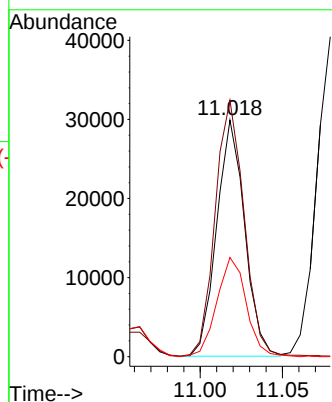
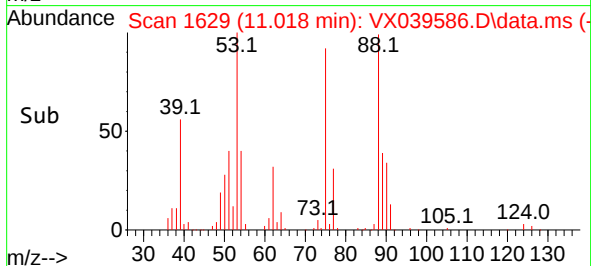
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



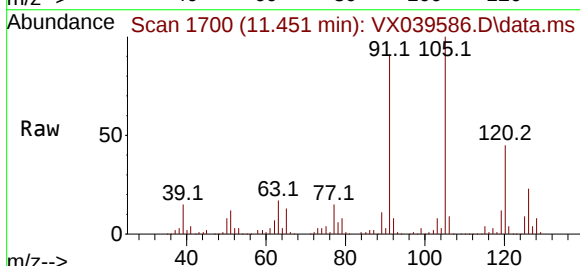
Tgt Ion	Ratio	Lower	Upper
75	100		
53	112.7	90.5	135.7
89	44.2	36.9	55.3

Manual Integrations
APPROVED

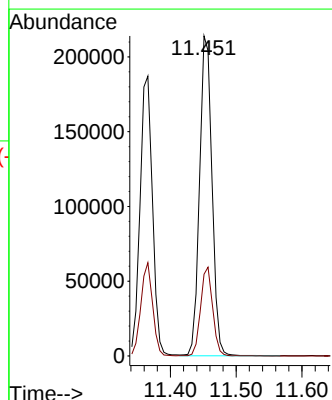
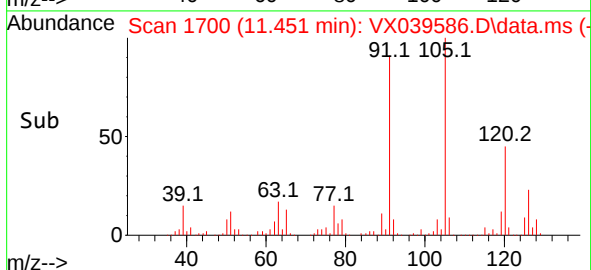
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

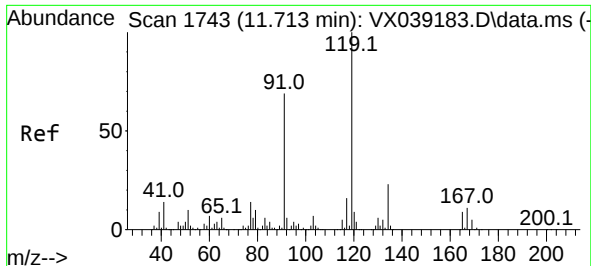


#82
4-Chlorotoluene
Concen: 50.951 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41



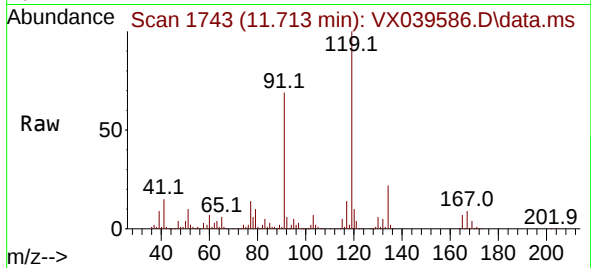
Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.0	14.2	42.6





#83
tert-Butylbenzene
Concen: 53.989 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

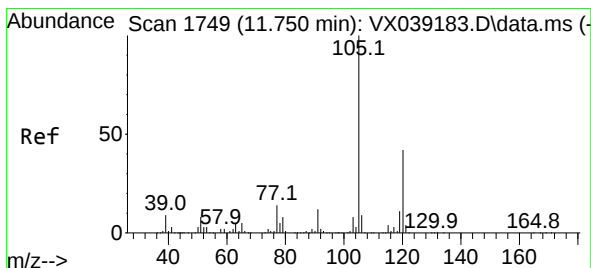
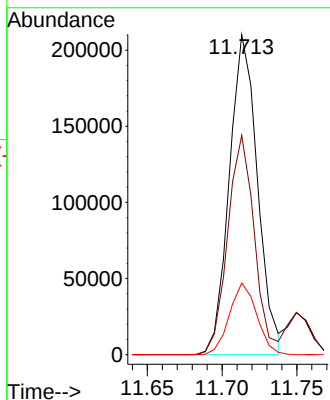
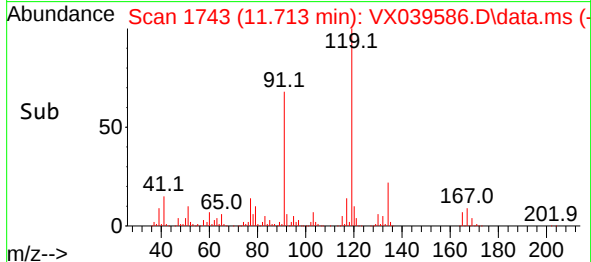
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



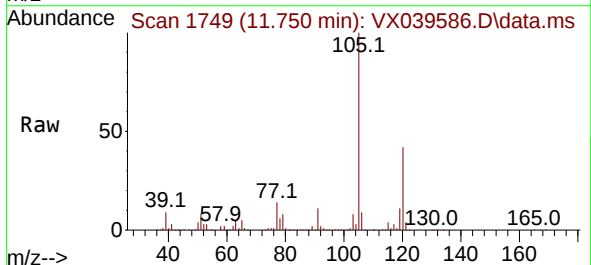
Tgt Ion:119 Resp: 27559
Ion Ratio Lower Upper
119 100
91 64.9 31.2 93.6
134 21.8 11.7 35.0

Manual Integrations
APPROVED

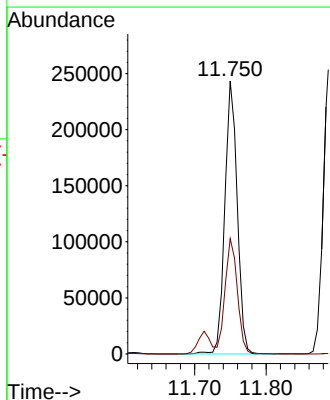
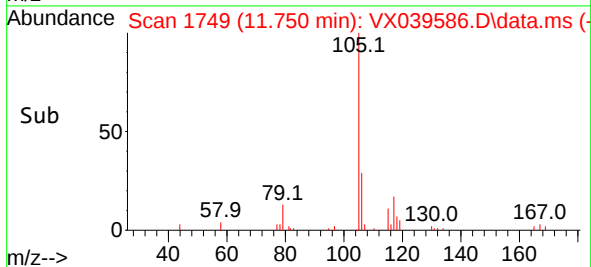
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

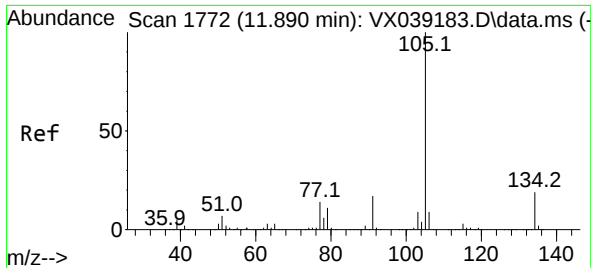


#84
1,2,4-Trimethylbenzene
Concen: 53.394 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41



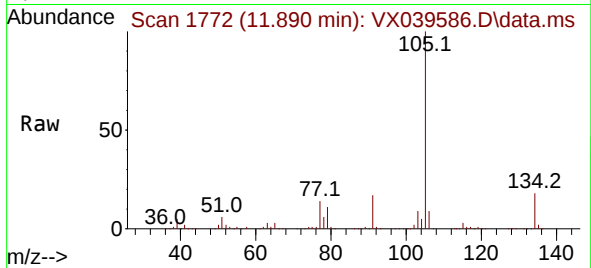
Tgt Ion:105 Resp: 293688
Ion Ratio Lower Upper
105 100
120 41.6 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.387 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039586.D
 Acq: 02 Jan 2024 20:41

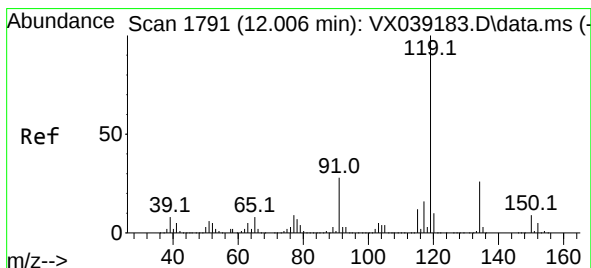
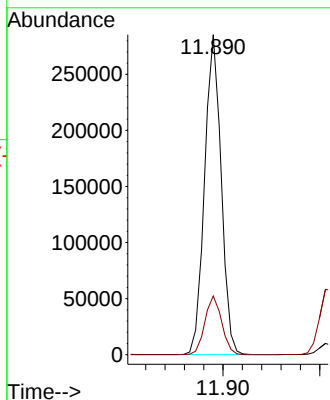
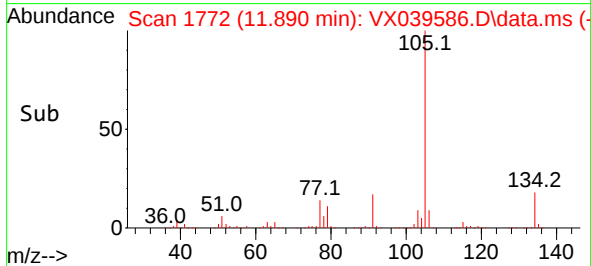
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



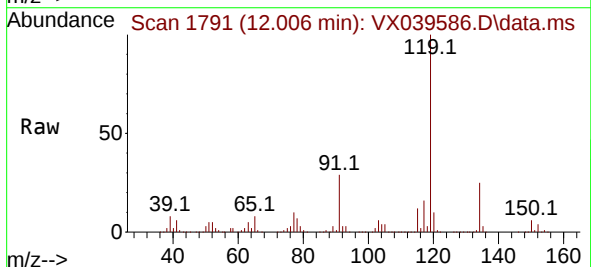
Tgt Ion:105 Resp: 340279
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.8 29.4

Manual Integrations
 APPROVED

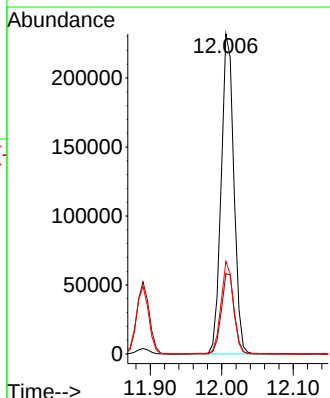
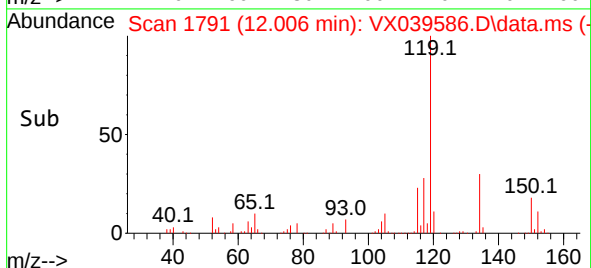
Reviewed By :John Carlone 01/03/2024
 Supervised By :Mahesh Dadoda 01/04/2024

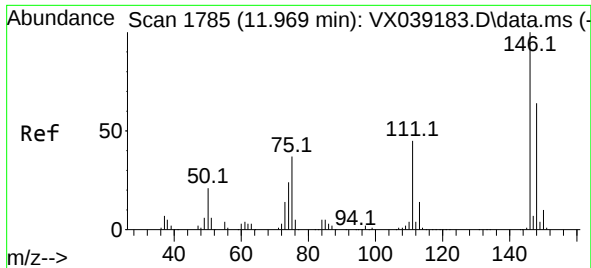


#86
 p-Isopropyltoluene
 Concen: 52.442 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039586.D
 Acq: 02 Jan 2024 20:41



Tgt Ion:119 Resp: 285872
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 28.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.021 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 136820

Ion Ratio Lower Upper

146 100

111 45.7 22.1 66.1

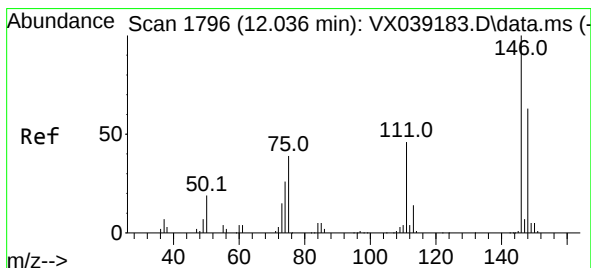
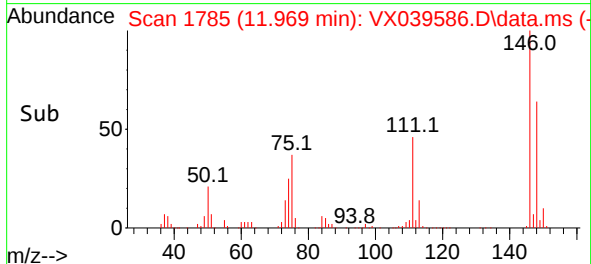
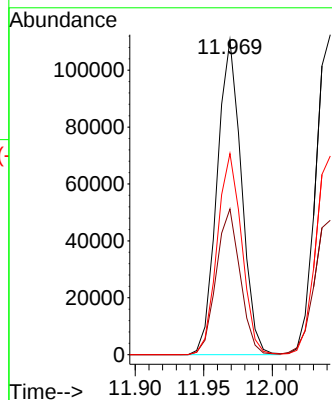
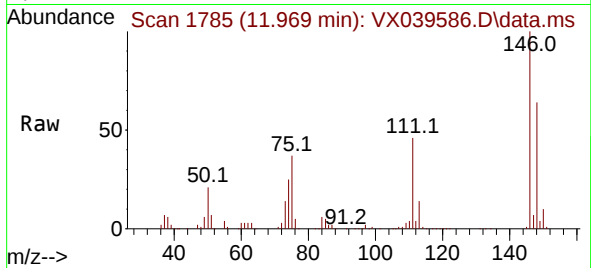
148 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#88

1,4-Dichlorobenzene

Concen: 49.294 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

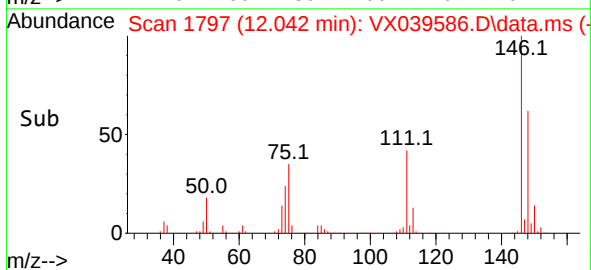
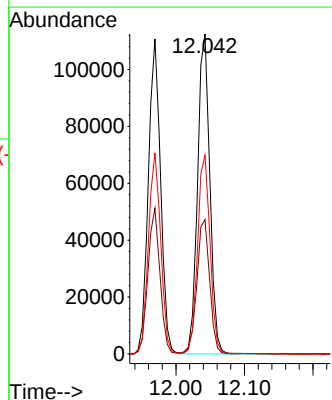
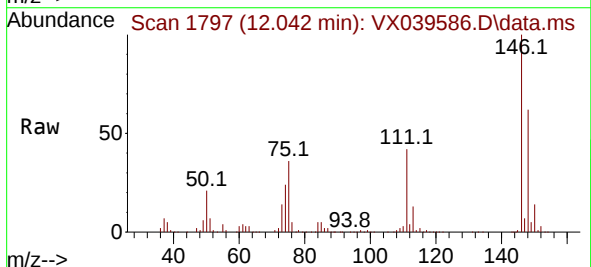
Tgt Ion:146 Resp: 140387

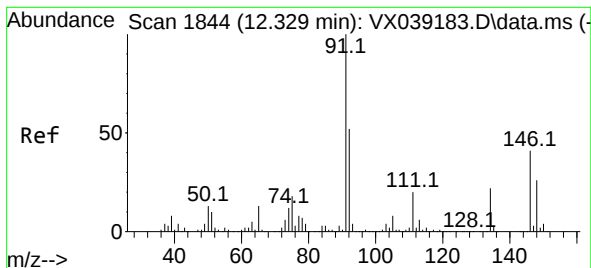
Ion Ratio Lower Upper

146 100

111 43.8 21.3 63.7

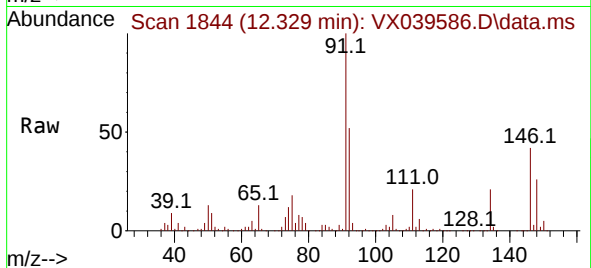
148 63.0 31.8 95.4





#89
n-Butylbenzene
Concen: 49.908 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

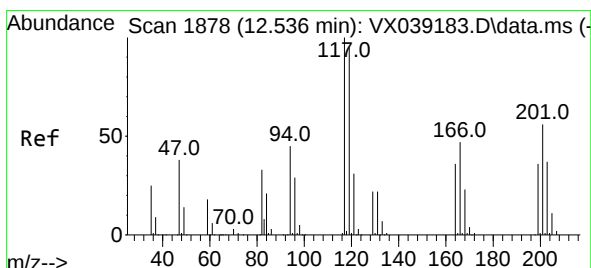
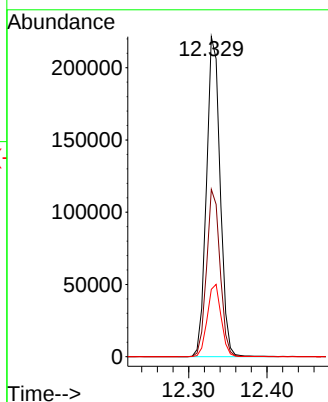
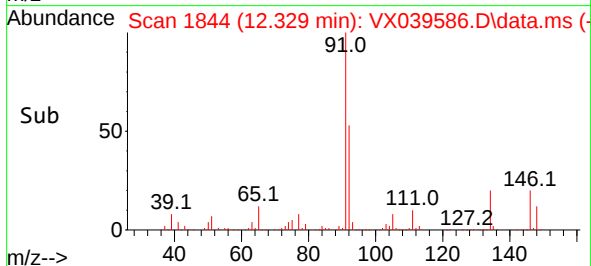
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 26744
Ion Ratio Lower Upper
91 100
92 51.5 27.4 82.0
134 22.9 12.6 37.8

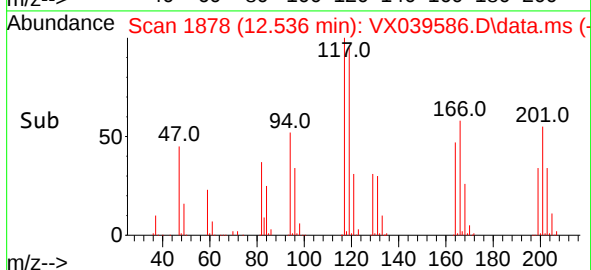
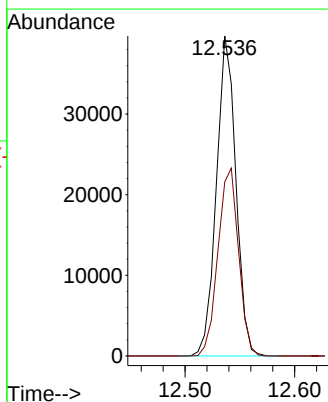
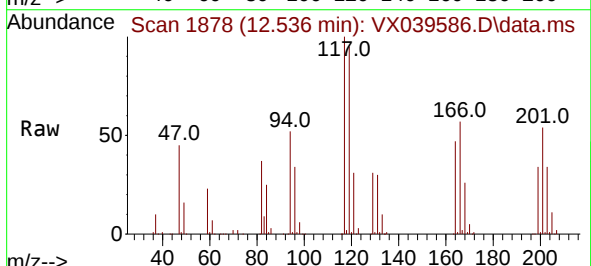
Manual Integrations
APPROVED

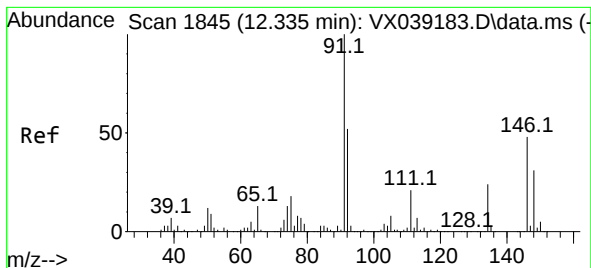
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#90
Hexachloroethane
Concen: 49.831 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Tgt Ion:117 Resp: 49069
Ion Ratio Lower Upper
117 100
201 62.1 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 52.513 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 13743

Ion Ratio Lower Upper

146 100

111 46.8 22.4 67.0

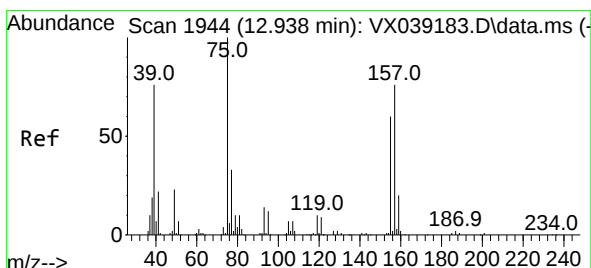
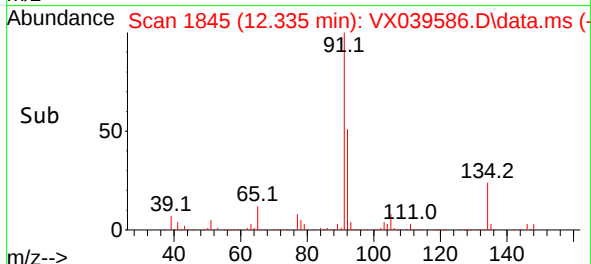
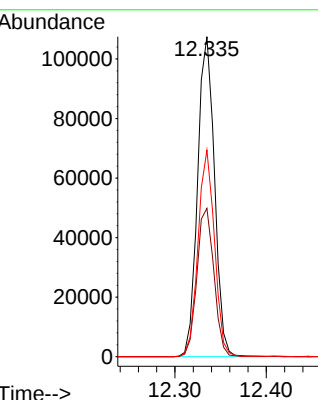
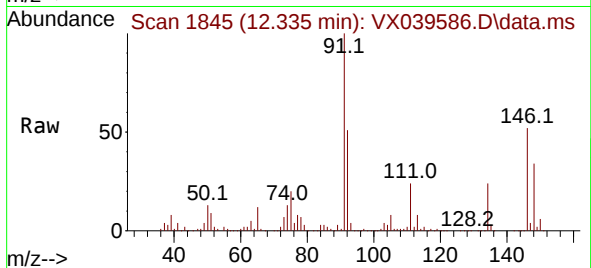
148 63.0 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.539 ug/l

RT: 12.938 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

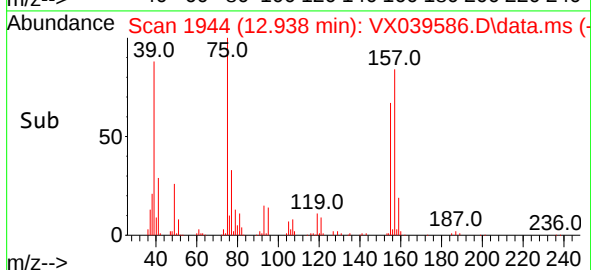
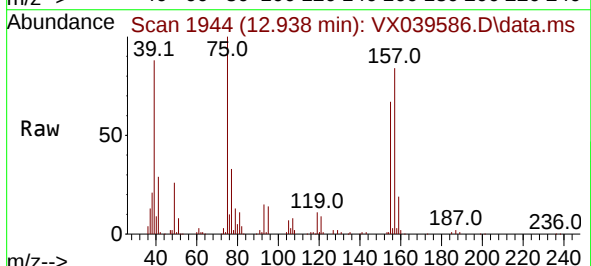
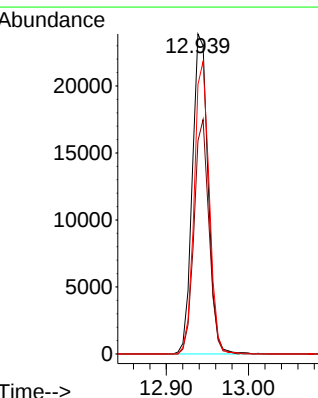
Tgt Ion: 75 Resp: 31795

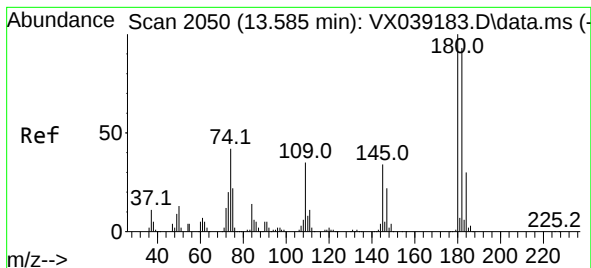
Ion Ratio Lower Upper

75 100

155 69.5 36.1 108.5

157 87.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 47.679 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

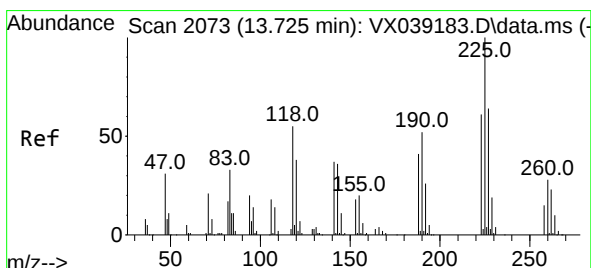
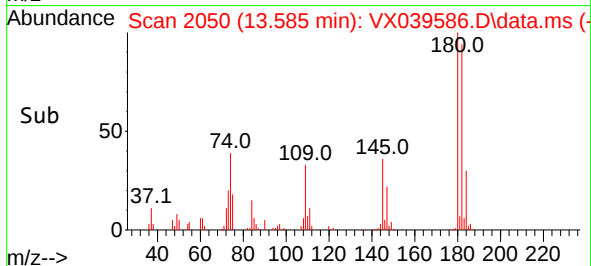
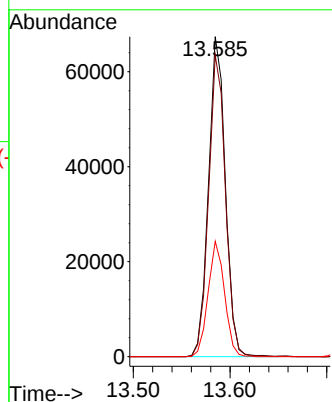
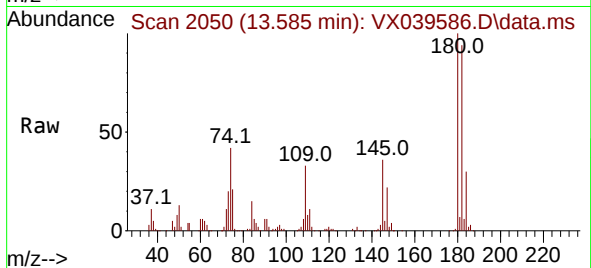
Tgt Ion:180	Resp:	81708
Ion Ratio	Lower	Upper
180	100	
182	94.4	48.3 144.8
145	35.3	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#94

Hexachlorobutadiene

Concen: 51.889 ug/l

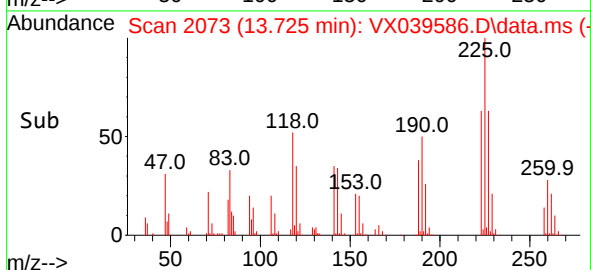
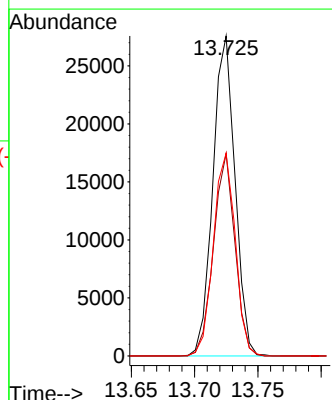
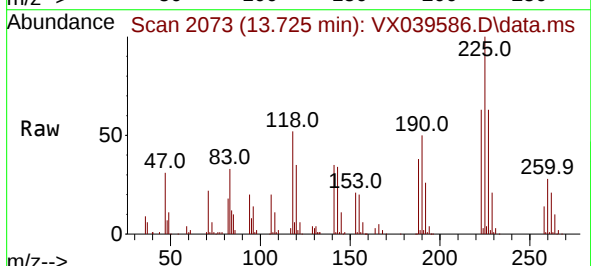
RT: 13.725 min Scan# 2073

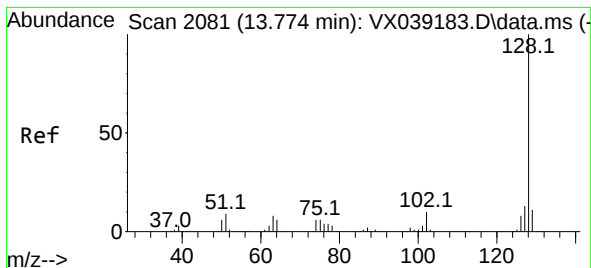
Delta R.T. 0.000 min

Lab File: VX039586.D

Acq: 02 Jan 2024 20:41

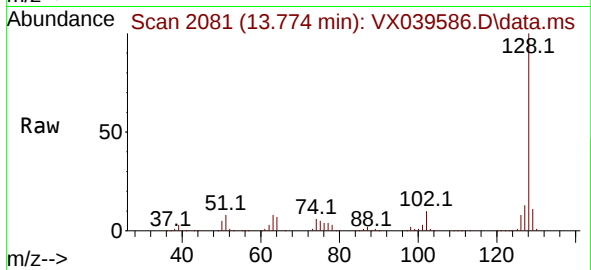
Tgt Ion:225	Resp:	33511
Ion Ratio	Lower	Upper
225	100	
223	61.3	31.1 93.2
227	62.8	32.5 97.5





#95
Naphthalene
Concen: 54.377 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

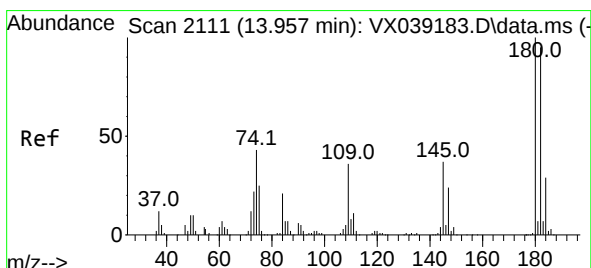
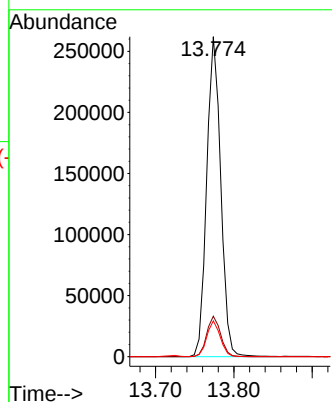
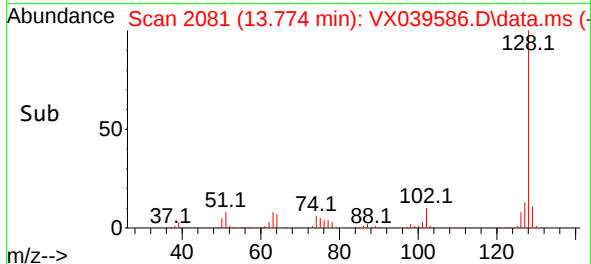
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 324529
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#96
1,2,3-Trichlorobenzene
Concen: 50.605 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX039586.D
Acq: 02 Jan 2024 20:41

Tgt Ion:180 Resp: 83719
Ion Ratio Lower Upper
180 100
182 94.7 46.9 140.6
145 37.4 17.8 53.5

