

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011524\
 Data File : VX039748.D
 Acq On : 15 Jan 2024 11:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/16/2024
 Supervised By : Mahesh Dadoda 01/16/2024

Quant Time: Jan 16 01:36:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	102408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	179897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	160736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81062	47.253	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.500%		
35) Dibromofluoromethane	5.379	113	61124	50.445	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.900%		
50) Toluene-d8	8.647	98	222691	48.730	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.460%		
62) 4-Bromofluorobenzene	11.079	95	89348	49.997	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	61976	46.775	ug/l	100
3) Chloromethane	1.295	50	66338	43.840	ug/l	97
4) Vinyl Chloride	1.374	62	64405	45.100	ug/l	99
5) Bromomethane	1.599	94	34380	42.193	ug/l	100
6) Chloroethane	1.673	64	38341	47.229	ug/l	97
7) Trichlorofluoromethane	1.880	101	97395	47.278	ug/l	99
8) Diethyl Ether	2.130	74	38660	50.782	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	61344	48.032	ug/l	100
10) Methyl Iodide	2.447	142	76239	56.585	ug/l	92
11) Tert butyl alcohol	2.977	59	116942	261.875	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	58055	47.101	ug/l	94
13) Acrolein	2.233	56	73071	267.081	ug/l	100
14) Allyl chloride	2.660	41	115079	47.438	ug/l	97
15) Acrylonitrile	3.056	53	224181	243.034	ug/l	99
16) Acetone	2.374	43	238481	247.188	ug/l	93
17) Carbon Disulfide	2.508	76	152764	43.122	ug/l	100
18) Methyl Acetate	2.697	43	99280	49.187	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	222169	50.772	ug/l	98
20) Methylene Chloride	2.788	84	70739	48.474	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	60715	46.809	ug/l	95
22) Diisopropyl ether	3.751	45	232918	50.312	ug/l	99
23) Vinyl Acetate	3.715	43	1090633	253.438	ug/l	100
24) 1,1-Dichloroethane	3.605	63	125265	49.184	ug/l	100
25) 2-Butanone	4.544	43	331281	238.942	ug/l	100
26) 2,2-Dichloropropane	4.465	77	101963	49.882	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	74262	49.918	ug/l	97
28) Bromochloromethane	4.891	49	58718	50.862	ug/l	98
29) Tetrahydrofuran	4.989	42	212072	237.648	ug/l	99
30) Chloroform	5.087	83	127575	50.742	ug/l	99
31) Cyclohexane	5.465	56	105407	46.557	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	106570	49.511	ug/l	99
36) 1,1-Dichloropropene	5.684	75	89386	47.393	ug/l	99
37) Ethyl Acetate	4.703	43	121450	48.269	ug/l	99
38) Carbon Tetrachloride	5.672	117	84083	48.676	ug/l	98
39) Methylcyclohexane	7.373	83	108053	47.710	ug/l	99
40) Benzene	6.032	78	266791	49.955	ug/l	99

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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 16 01:36:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/16/2024
 Supervised By : Mahesh Dadoda 01/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	64330	52.283	ug/l	95
42) 1,2-Dichloroethane	6.074	62	103548	50.999	ug/l	99
43) Isopropyl Acetate	6.330	43	190425	51.591	ug/l	99
44) Trichloroethene	7.117	130	66561	50.854	ug/l	96
45) 1,2-Dichloropropane	7.422	63	73687	51.434	ug/l	96
46) Dibromomethane	7.574	93	51441	51.985	ug/l	98
47) Bromodichloromethane	7.818	83	95858	52.305	ug/l	98
48) Methyl methacrylate	7.690	41	91653	50.518	ug/l	93
49) 1,4-Dioxane	7.659	88	36447	1038.216	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	644471	253.524	ug/l	99
52) Toluene	8.714	92	163989	51.409	ug/l	96
53) t-1,3-Dichloropropene	8.970	75	104962	53.974	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	113927	53.278	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	71066	52.327	ug/l	95
56) Ethyl methacrylate	9.110	69	118078	53.719	ug/l	98
57) 1,3-Dichloropropane	9.305	76	119851	52.074	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	278706	268.251	ug/l	97
59) 2-Hexanone	9.427	43	536120	266.475	ug/l	99
60) Dibromochloromethane	9.519	129	71610	55.911	ug/l	99
61) 1,2-Dibromoethane	9.604	107	76298	54.250	ug/l	98
64) Tetrachloroethene	9.269	164	51414	49.187	ug/l	95
65) Chlorobenzene	10.073	112	171381	51.193	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	63785	55.955	ug/l	99
67) Ethyl Benzene	10.189	91	318920	51.312	ug/l	98
68) m/p-Xylenes	10.299	106	238910	104.519	ug/l	98
69) o-Xylene	10.640	106	117064	51.714	ug/l	95
70) Styrene	10.653	104	195014	52.738	ug/l	98
71) Bromoform	10.799	173	49690	58.052	ug/l #	99
73) Isopropylbenzene	10.957	105	310841	49.993	ug/l	99
74) N-amyl acetate	10.842	43	175350	54.104	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	123453	51.997	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	106008m	52.358	ug/l	
77) Bromobenzene	11.195	156	72187	52.144	ug/l	96
78) n-propylbenzene	11.299	91	376424	50.020	ug/l	98
79) 2-Chlorotoluene	11.360	91	225929	48.575	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	270317	51.189	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	36696	53.690	ug/l	95
82) 4-Chlorotoluene	11.451	91	263687	49.981	ug/l	99
83) tert-Butylbenzene	11.713	119	261007	51.771	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	274435	52.091	ug/l	100
85) sec-Butylbenzene	11.890	105	333067	50.893	ug/l	99
86) p-Isopropyltoluene	12.006	119	270731	51.759	ug/l	98
87) 1,3-Dichlorobenzene	11.970	146	136086	51.281	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	136521	49.810	ug/l	100
89) n-Butylbenzene	12.329	91	247212	48.934	ug/l	97
90) Hexachloroethane	12.536	117	46877	53.124	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	133162	50.757	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	29676	51.008	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	77659	48.438	ug/l	98
94) Hexachlorobutadiene	13.725	225	32641	48.976	ug/l	96
95) Naphthalene	13.774	128	301540	51.090	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	80221	49.577	ug/l	99

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Quant Time: Jan 16 01:36:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

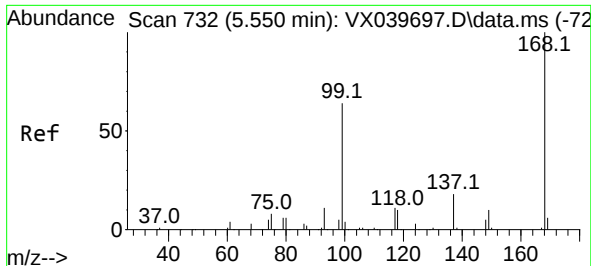
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

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: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

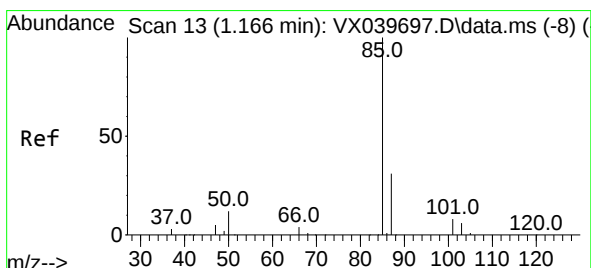
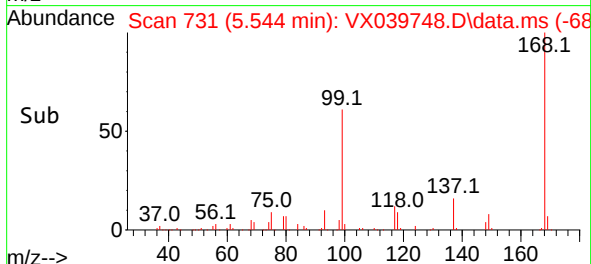
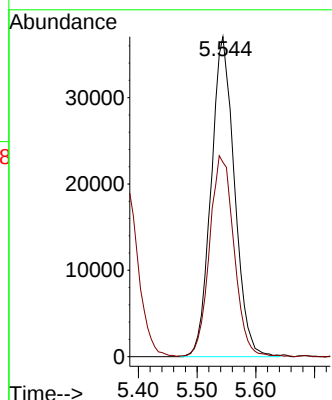
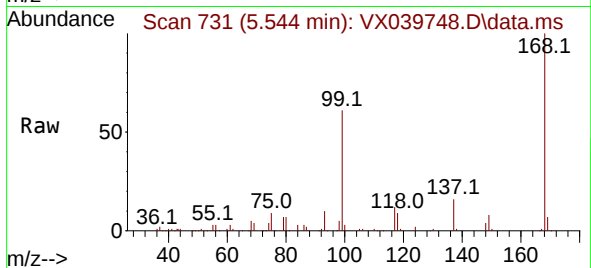
Tgt Ion:168 Resp: 102408
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0

Manual Integrations

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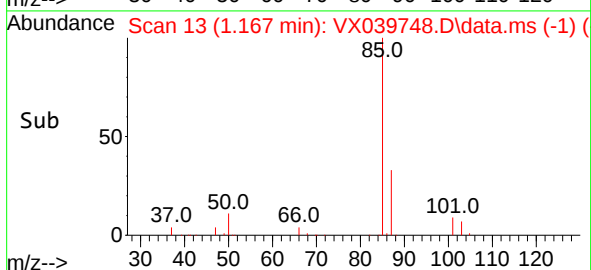
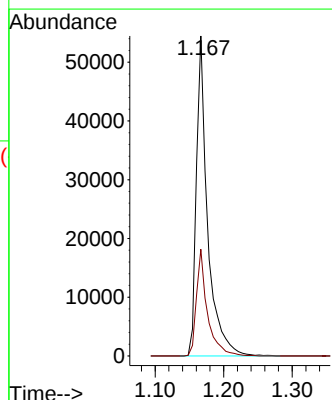
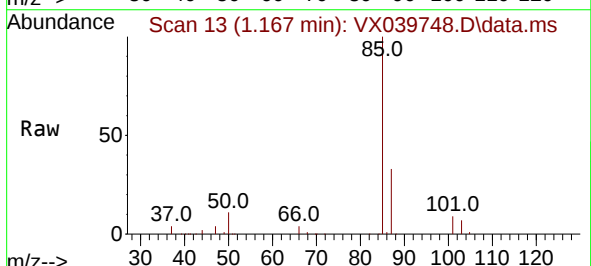
Reviewed By :John Carlone 01/16/2024

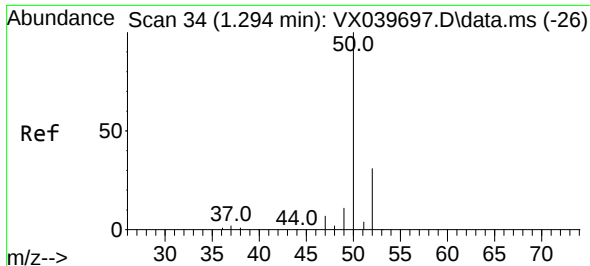
Supervised By :Mahesh Dadoda 01/16/2024



#2
Dichlorodifluoromethane
Concen: 46.775 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 85 Resp: 61976
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.1





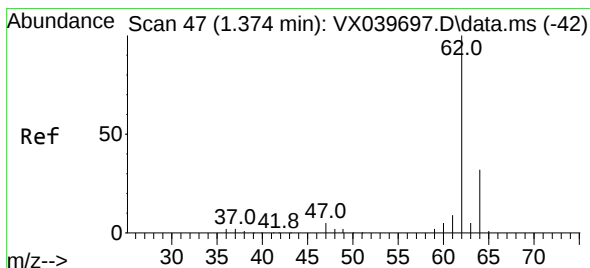
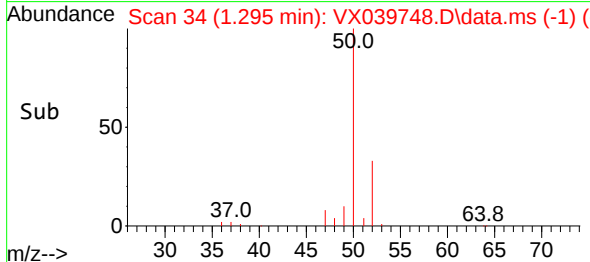
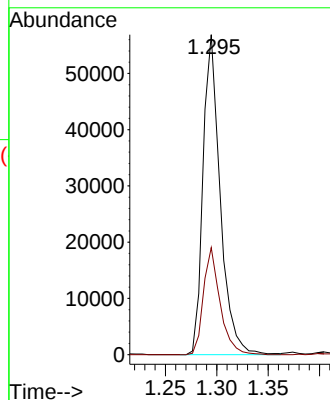
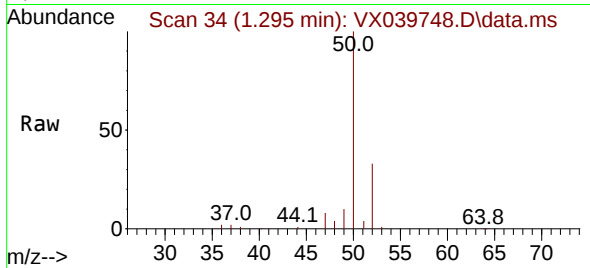
#3
Chloromethane
Concen: 43.840 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 66338
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3

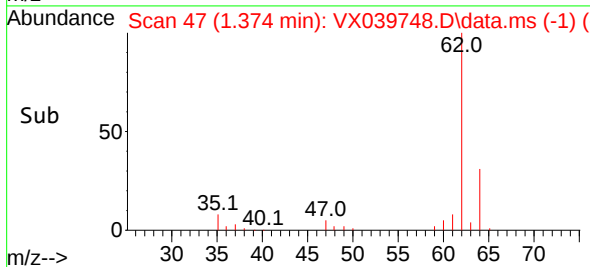
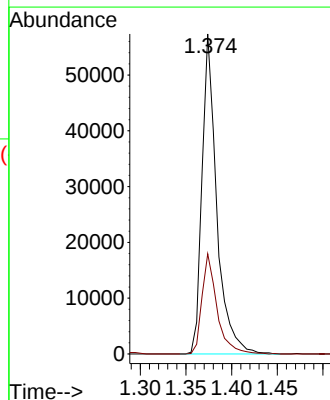
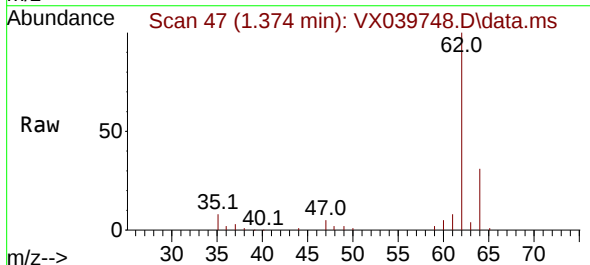
Manual Integrations
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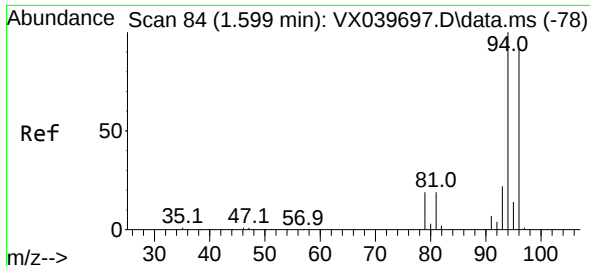
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#4
Vinyl Chloride
Concen: 45.100 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

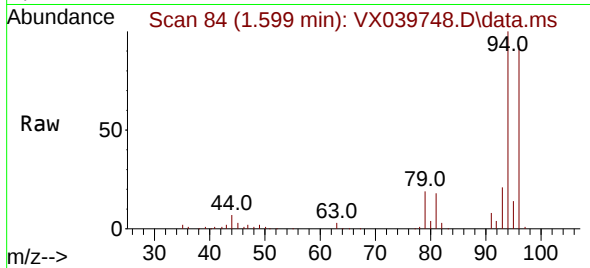
Tgt Ion: 62 Resp: 64405
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0





#5
Bromomethane
Concen: 42.193 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

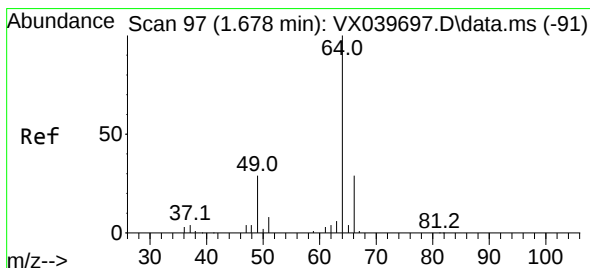
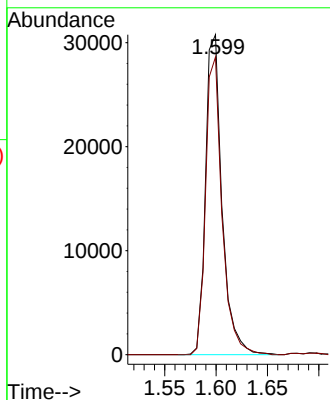
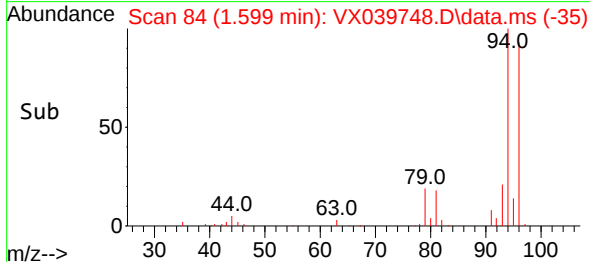
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 34380
Ion Ratio Lower Upper
94 100
96 93.0 74.6 111.8

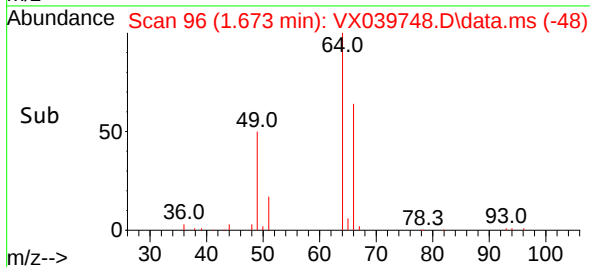
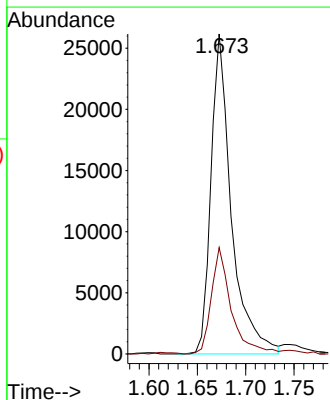
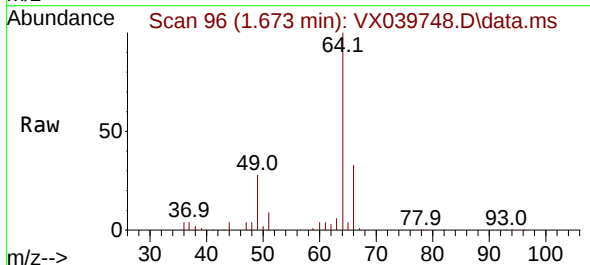
Manual Integrations
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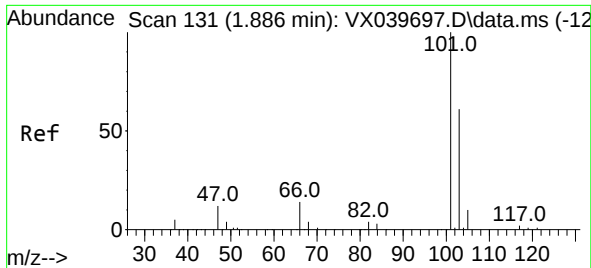
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#6
Chloroethane
Concen: 47.229 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 64 Resp: 38341
Ion Ratio Lower Upper
64 100
66 33.0 25.1 37.7





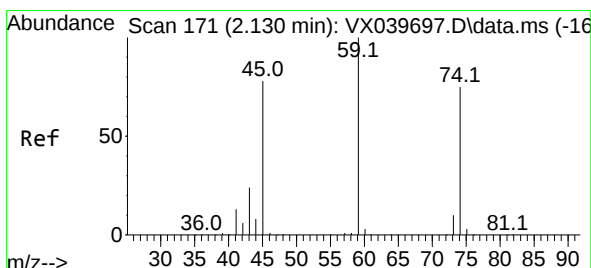
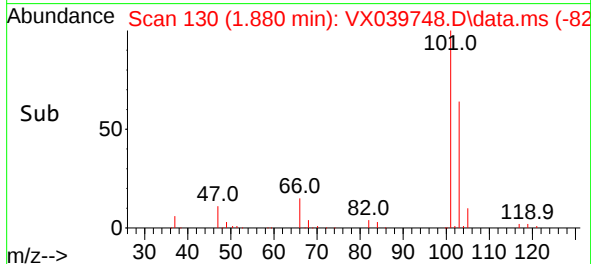
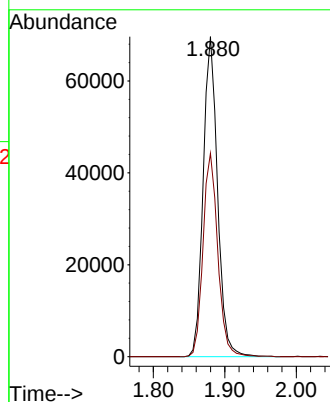
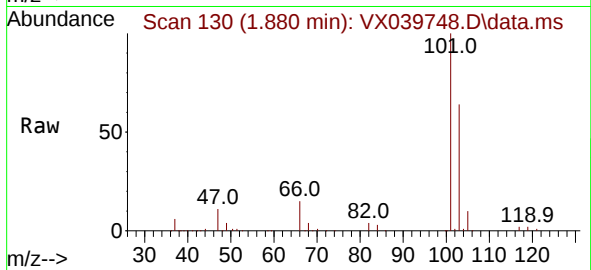
#7
Trichlorofluoromethane
Concen: 47.278 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9739
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.2

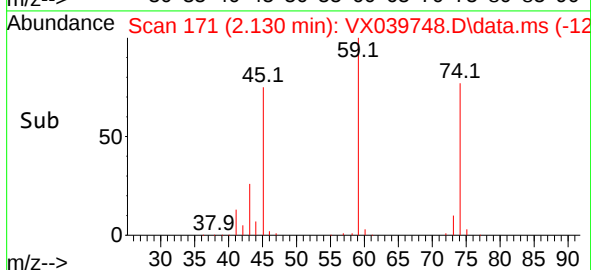
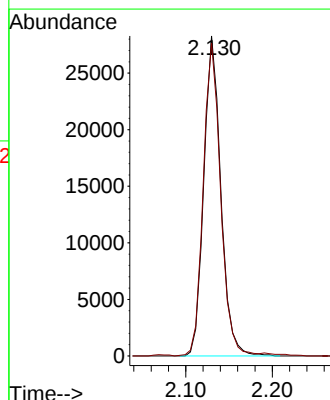
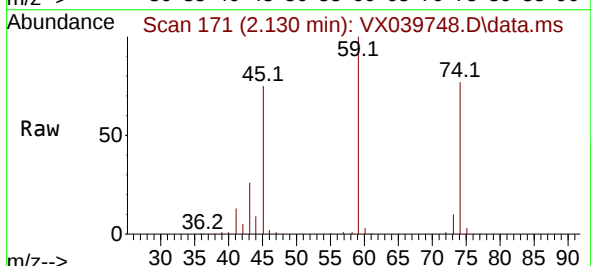
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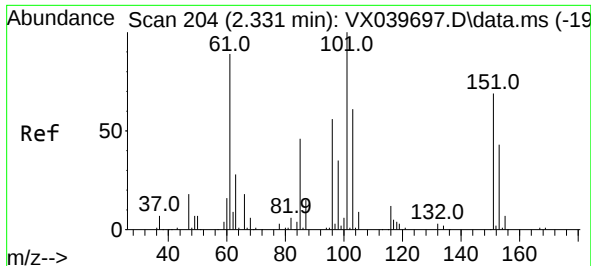
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#8
Diethyl Ether
Concen: 50.782 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

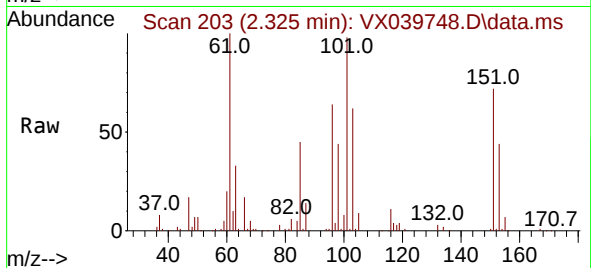
Tgt Ion: 74 Resp: 38660
Ion Ratio Lower Upper
74 100
45 99.6 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.032 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

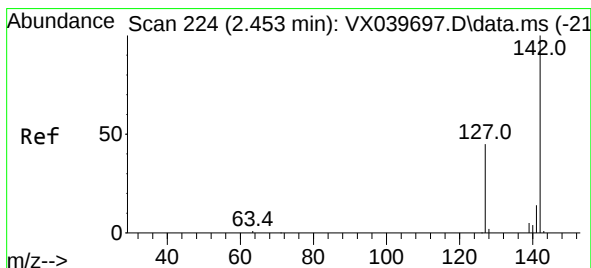
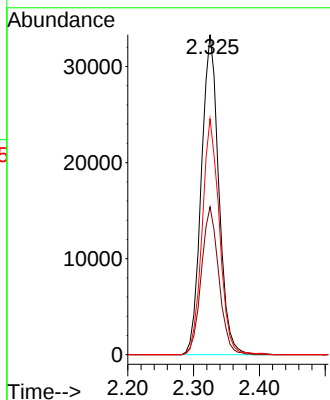
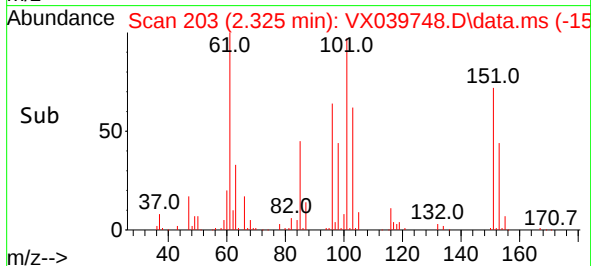
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



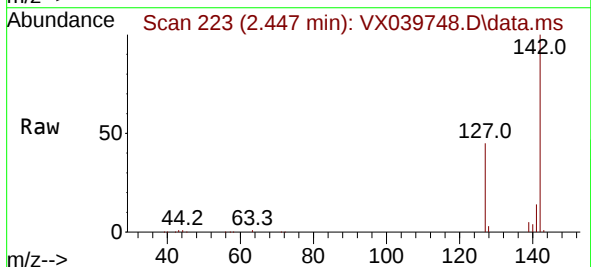
Tgt Ion:101 Resp: 61344
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.6
151 72.9 58.6 87.8

Manual Integrations
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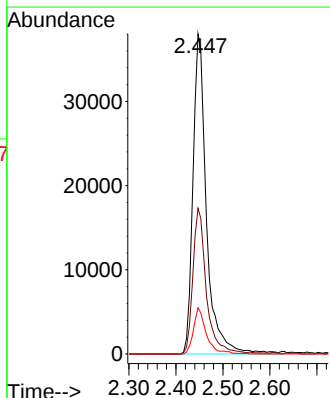
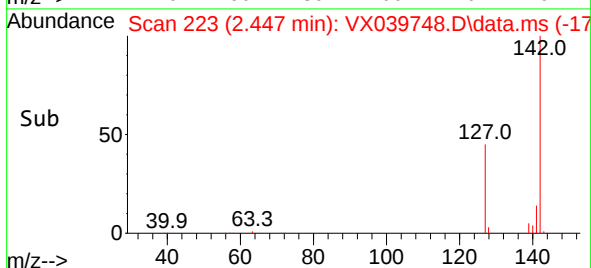
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

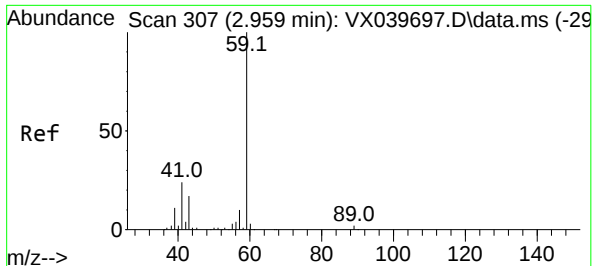


#10
Methyl Iodide
Concen: 56.585 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41



Tgt Ion:142 Resp: 76239
Ion Ratio Lower Upper
142 100
127 45.3 41.6 62.4
141 13.6 11.6 17.4





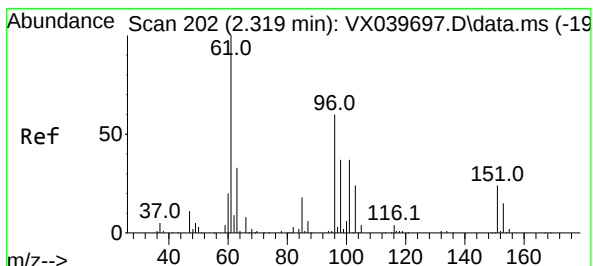
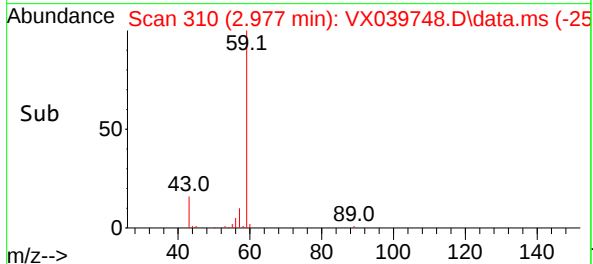
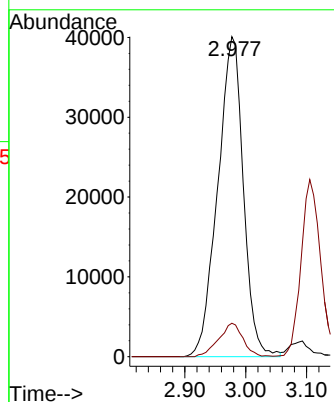
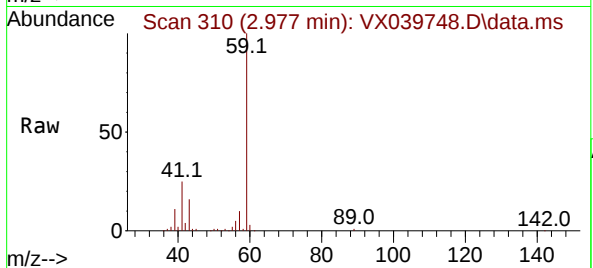
#11
Tert butyl alcohol
Concen: 261.875 ug/l
RT: 2.977 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 11694
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0

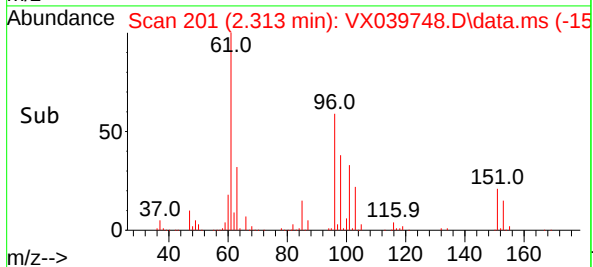
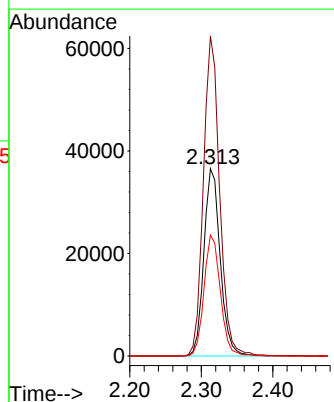
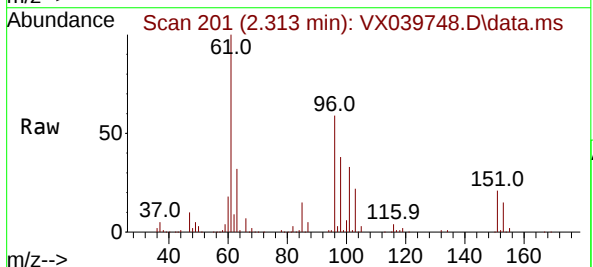
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#12
1,1-Dichloroethene
Concen: 47.101 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

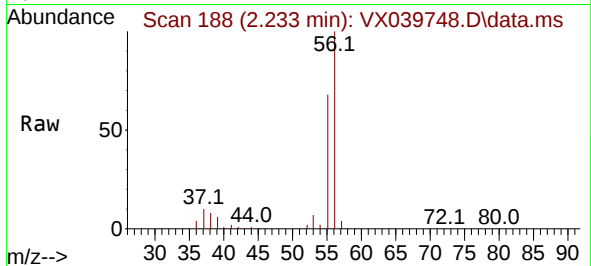
Tgt Ion: 96 Resp: 58055
Ion Ratio Lower Upper
96 100
61 170.8 144.6 216.8
98 64.5 50.4 75.6





#13
Acrolein
Concen: 267.081 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

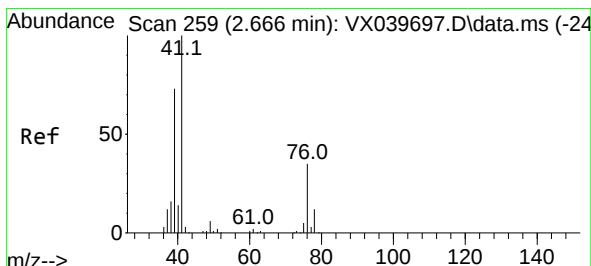
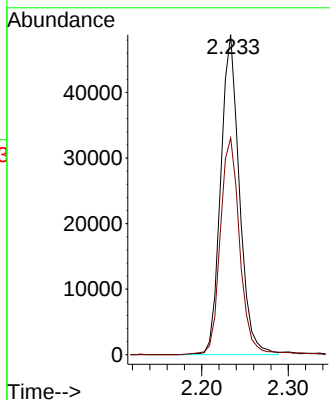
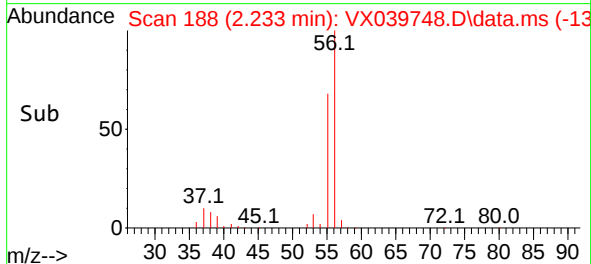
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



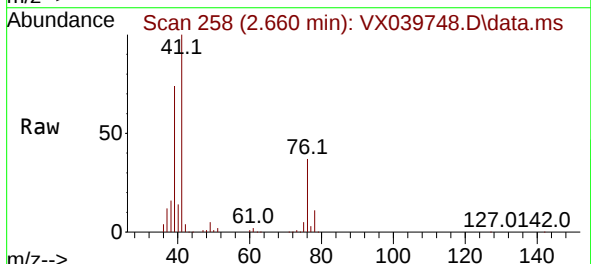
Tgt Ion: 56 Resp: 7307
Ion Ratio Lower Upper
56 100
55 71.0 57.1 85.7

Manual Integrations
APPROVED

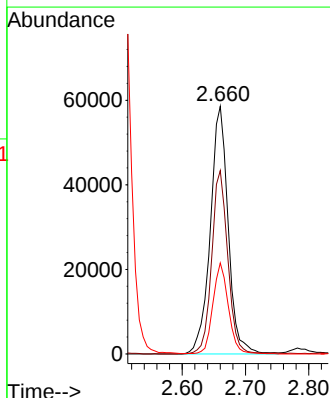
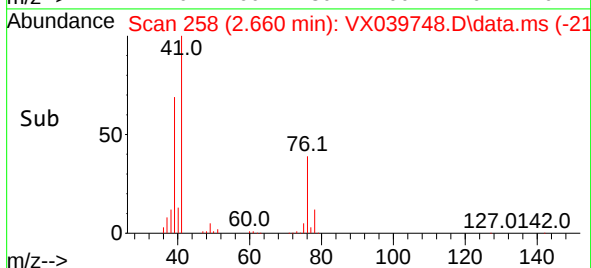
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

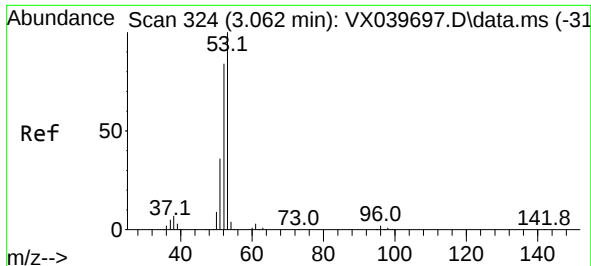


#14
Allyl chloride
Concen: 47.438 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41



Tgt Ion: 41 Resp: 115079
Ion Ratio Lower Upper
41 100
39 66.5 55.8 83.6
76 31.7 24.3 36.5





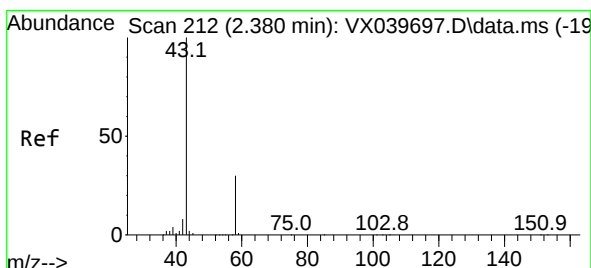
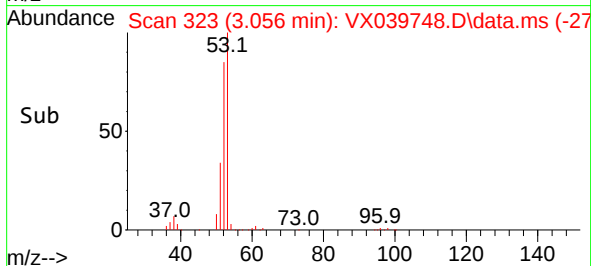
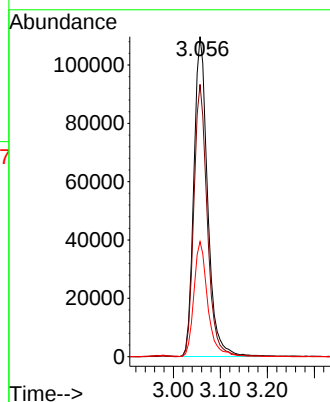
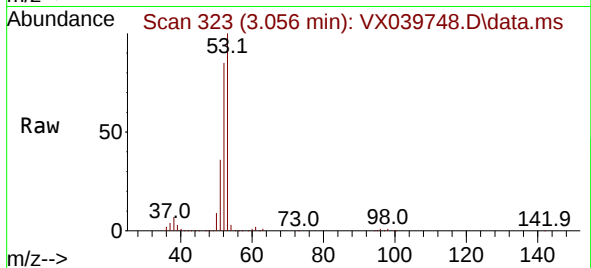
#15
Acrylonitrile
Concen: 243.034 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 22418
Ion Ratio Lower Upper
53 100
52 83.2 66.0 99.0
51 35.7 29.8 44.6

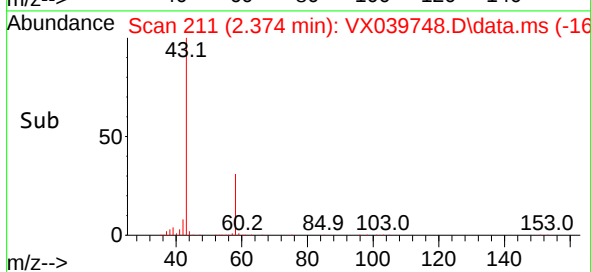
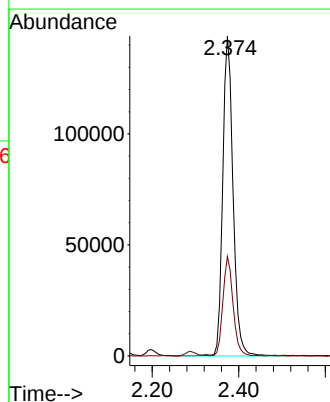
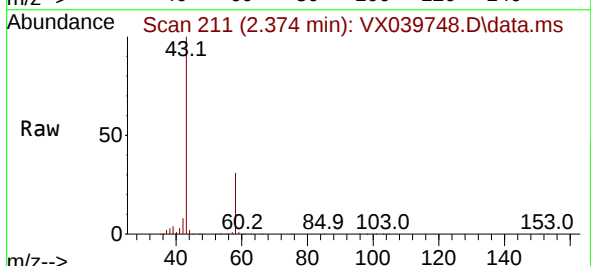
Manual Integrations
APPROVED

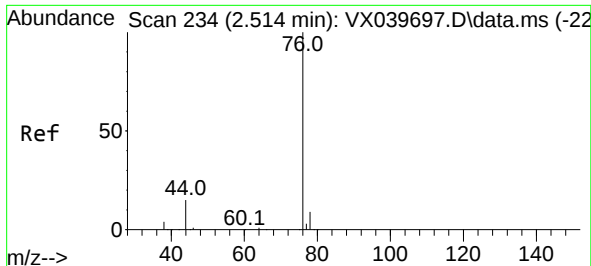
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#16
Acetone
Concen: 247.188 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 43 Resp: 238481
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9





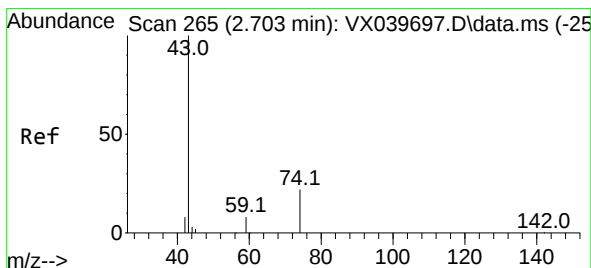
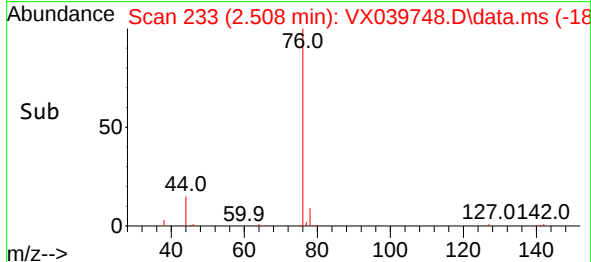
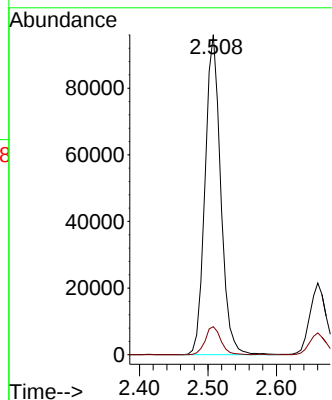
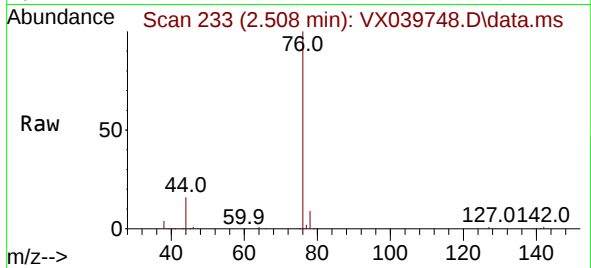
#17
Carbon Disulfide
Concen: 43.122 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 152764
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

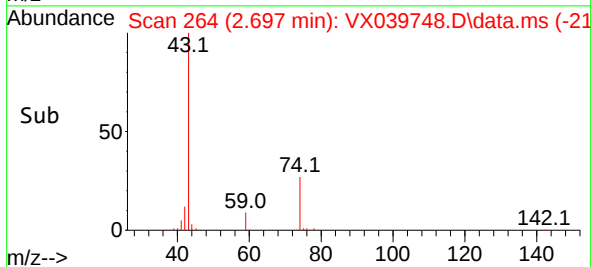
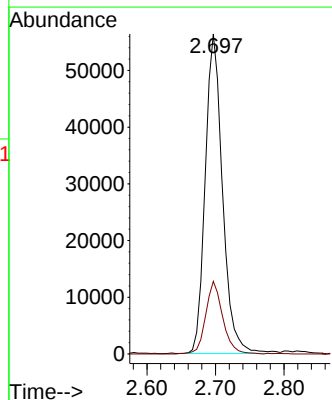
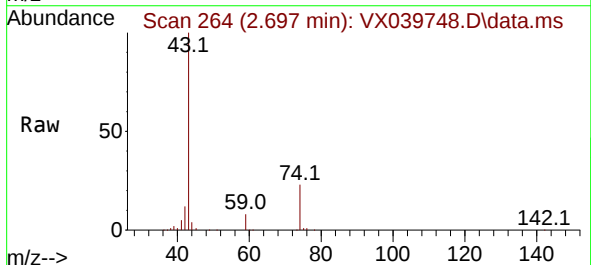
Manual Integrations
APPROVED

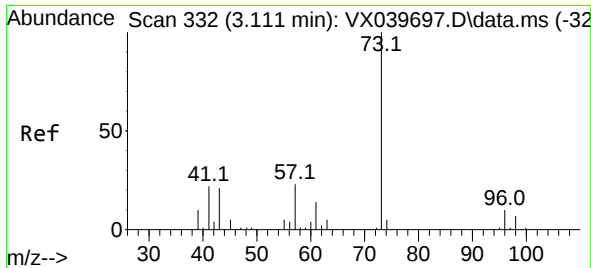
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#18
Methyl Acetate
Concen: 49.187 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 43 Resp: 99280
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.8





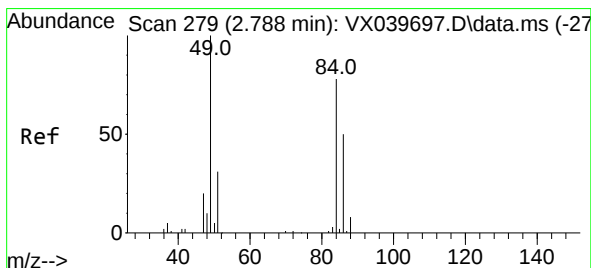
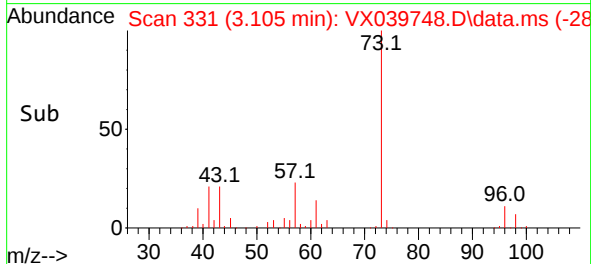
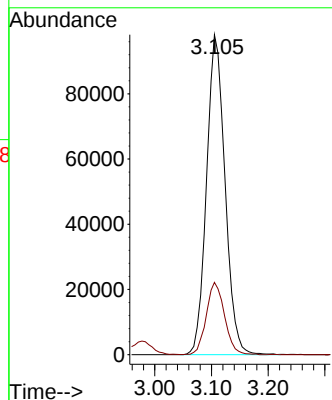
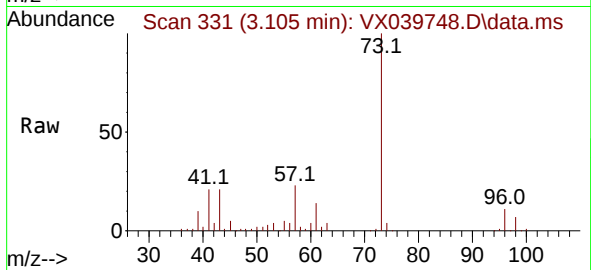
#19
Methyl tert-butyl Ether
Concen: 50.772 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 222169
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9

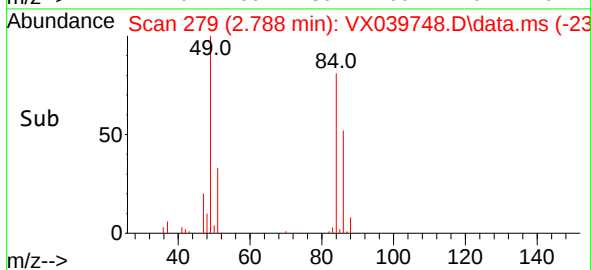
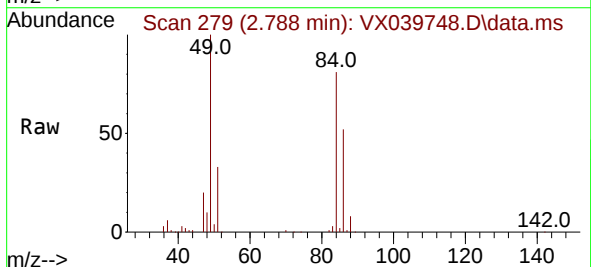
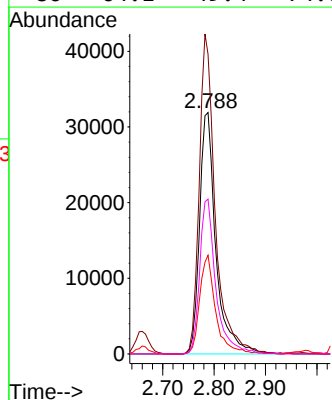
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#20
Methylene Chloride
Concen: 48.474 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

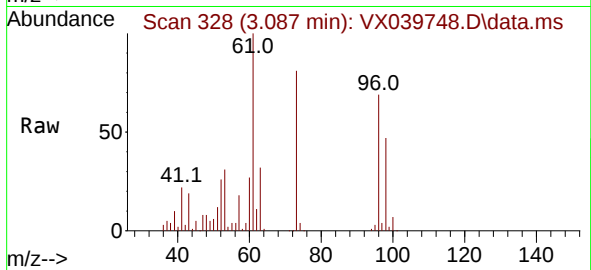
Tgt Ion: 84 Resp: 70739
Ion Ratio Lower Upper
84 100
49 124.1 103.6 155.4
51 40.9 33.8 50.6
86 64.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 46.809 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

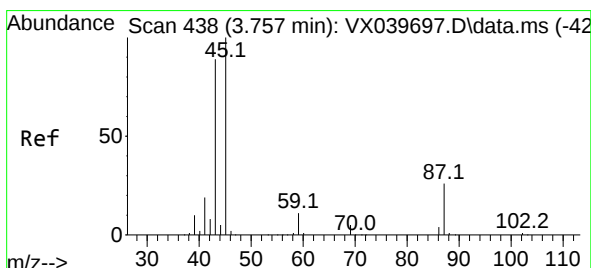
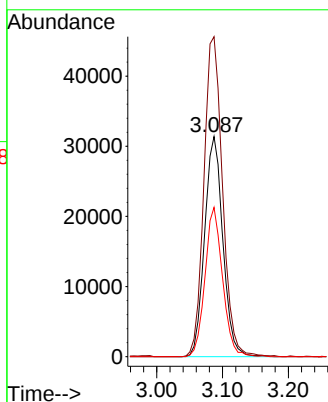
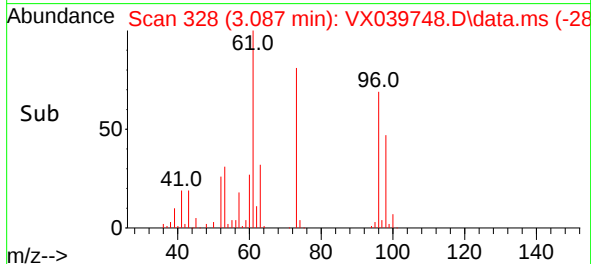
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



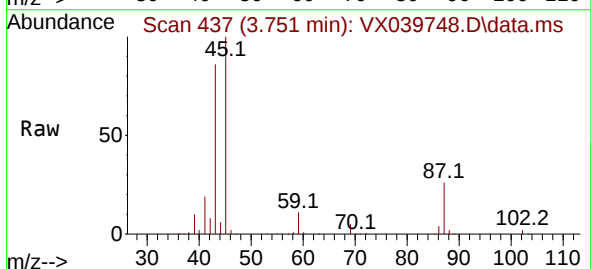
Tgt Ion: 96 Resp: 60715
Ion Ratio Lower Upper
96 100
61 145.4 119.2 178.8
98 67.8 48.7 73.1

Manual Integrations
APPROVED

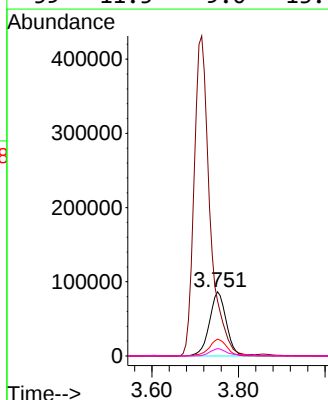
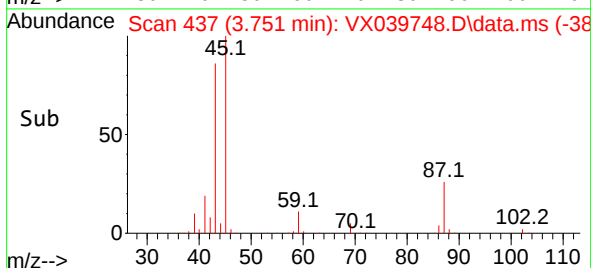
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

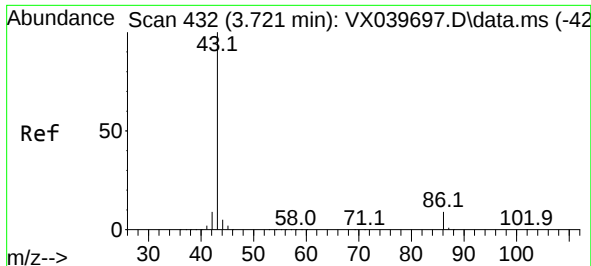


#22
Diisopropyl ether
Concen: 50.312 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41



Tgt Ion: 45 Resp: 232918
Ion Ratio Lower Upper
45 100
43 85.7 69.7 104.5
87 26.1 20.8 31.2
59 11.5 9.0 13.4





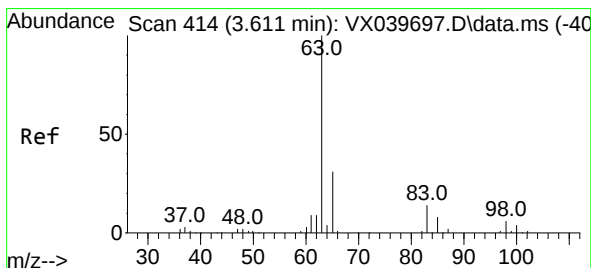
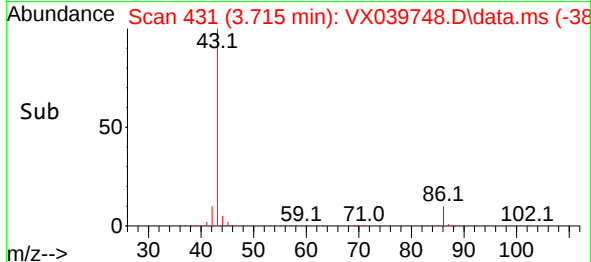
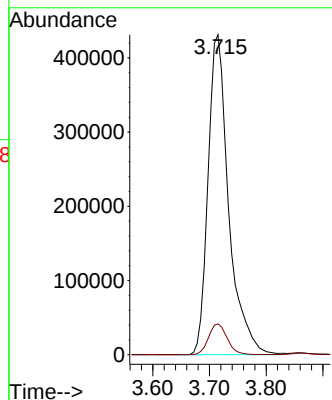
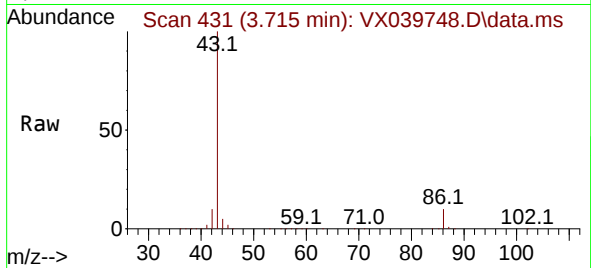
#23
 Vinyl Acetate
 Concen: 253.438 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX039748.D
 Acq: 15 Jan 2024 11:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 109063
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

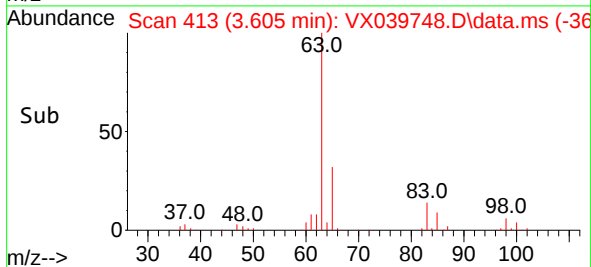
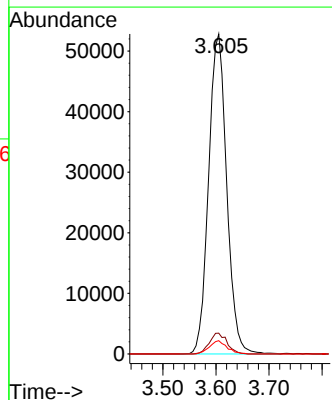
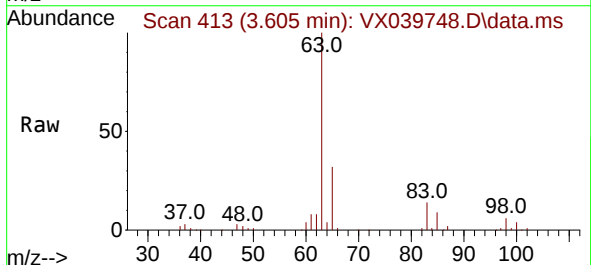
Manual Integrations
 APPROVED

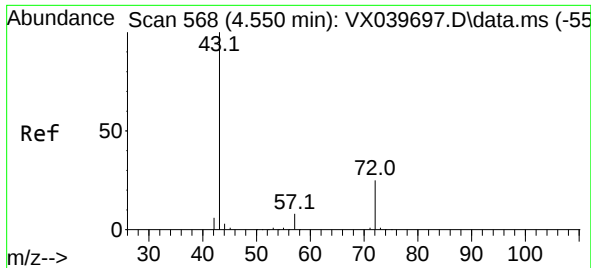
Reviewed By :John Carlone 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024



#24
 1,1-Dichloroethane
 Concen: 49.184 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039748.D
 Acq: 15 Jan 2024 11:41

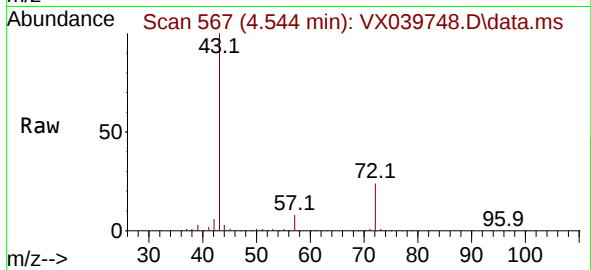
Tgt Ion: 63 Resp: 125265
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.1 2.1 6.5





#25
2-Butanone
Concen: 238.942 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

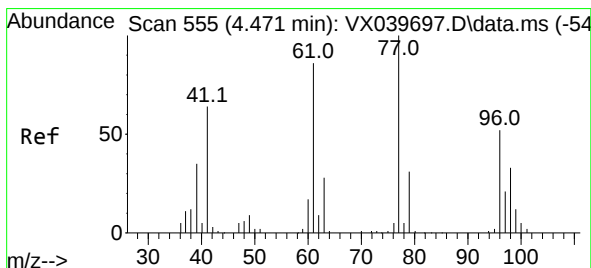
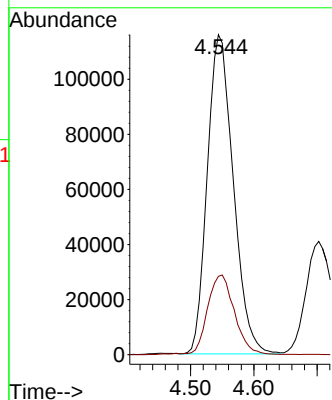
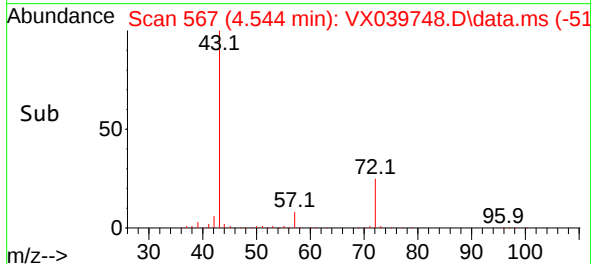
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 33128
Ion Ratio Lower Upper
43 100
72 24.5 19.4 29.2

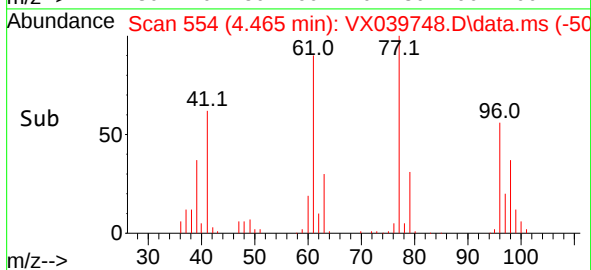
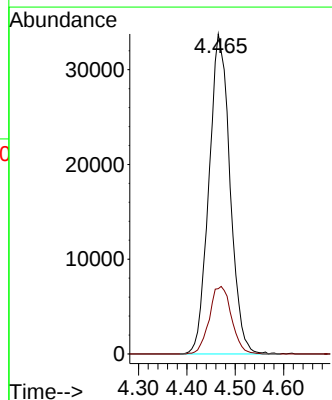
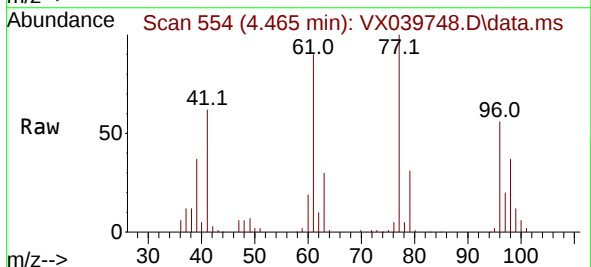
Manual Integrations
APPROVED

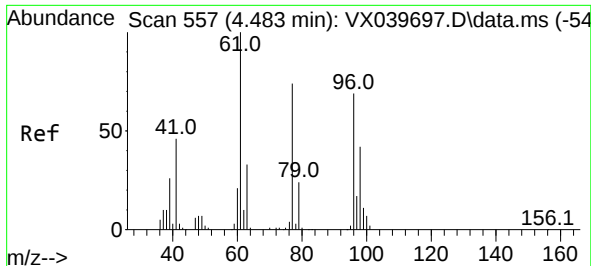
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#26
2,2-Dichloropropane
Concen: 49.882 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 77 Resp: 101963
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.918 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 7426

Ion Ratio Lower Upper

96 100

61 151.8 0.0 312.2

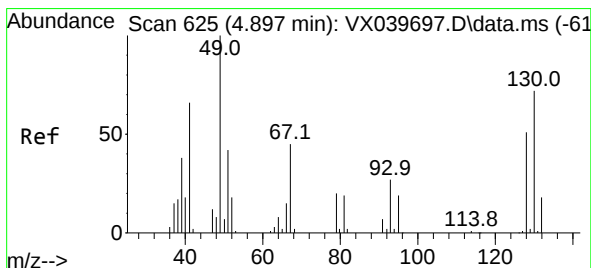
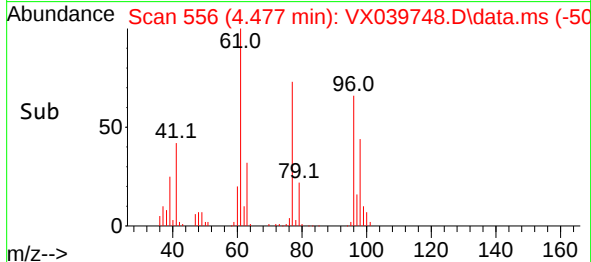
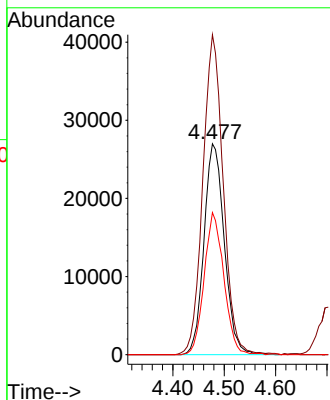
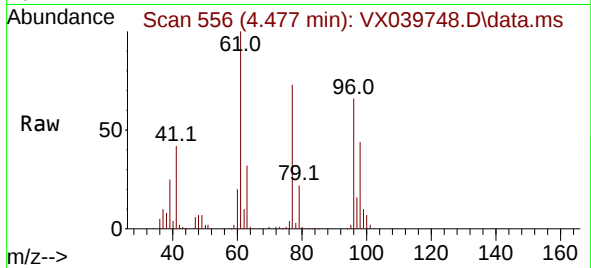
98 65.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#28

Bromochloromethane

Concen: 50.862 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

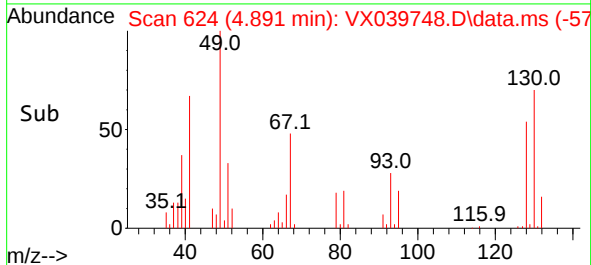
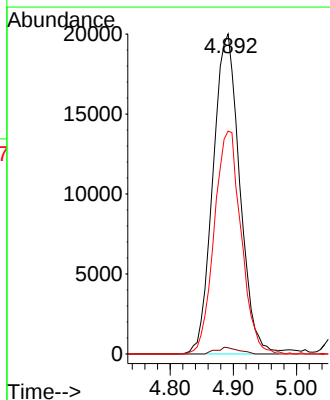
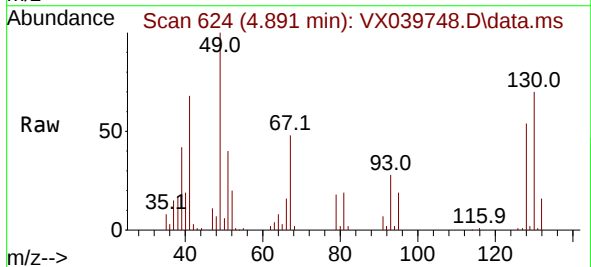
Tgt Ion: 49 Resp: 58718

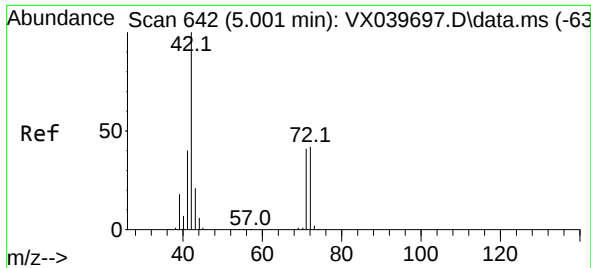
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 70.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 237.648 ug/l

RT: 4.989 min Scan# 642

Delta R.T. -0.012 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 212072

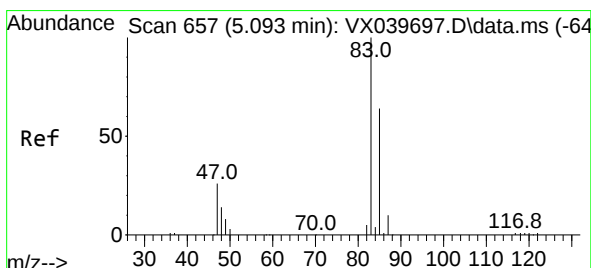
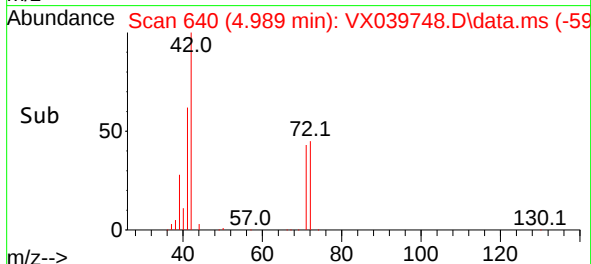
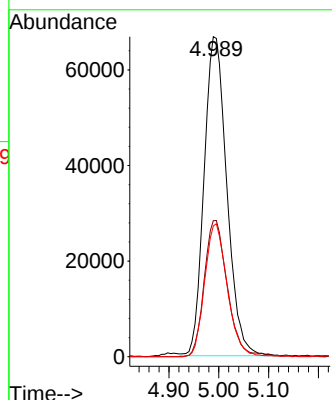
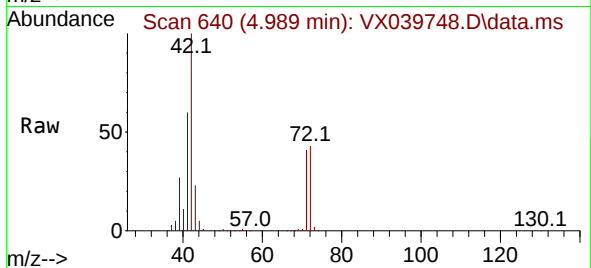
Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.2	51.4
71	41.3	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#30

Chloroform

Concen: 50.742 ug/l

RT: 5.087 min Scan# 656

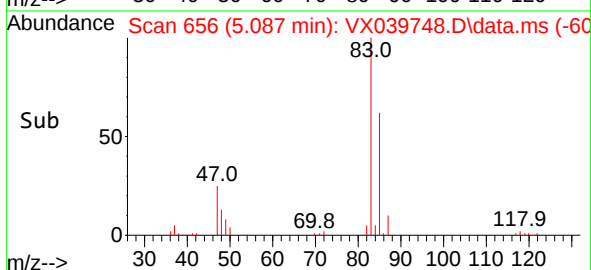
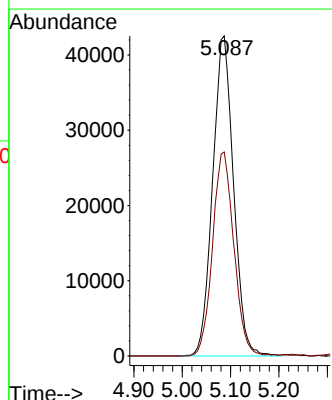
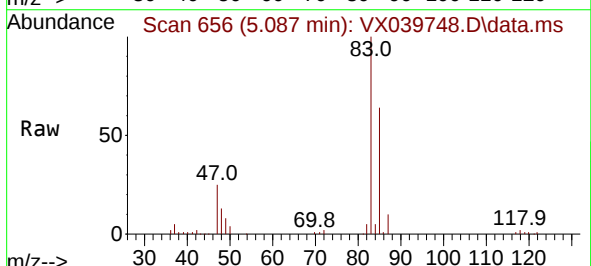
Delta R.T. -0.006 min

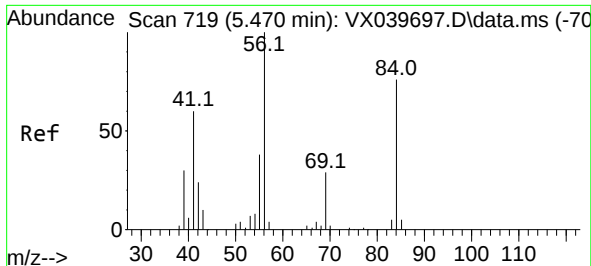
Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Tgt Ion: 83 Resp: 127575

Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.3	75.5





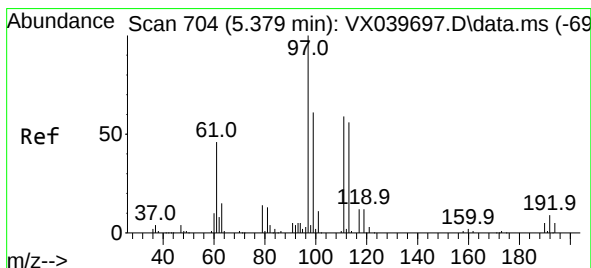
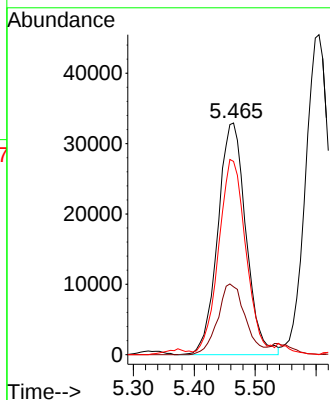
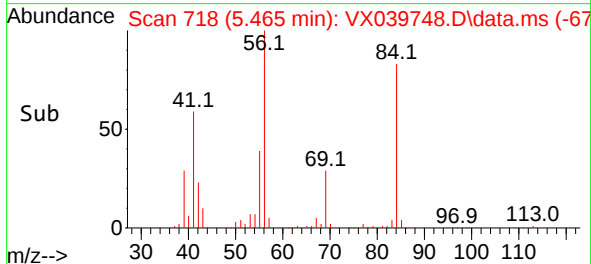
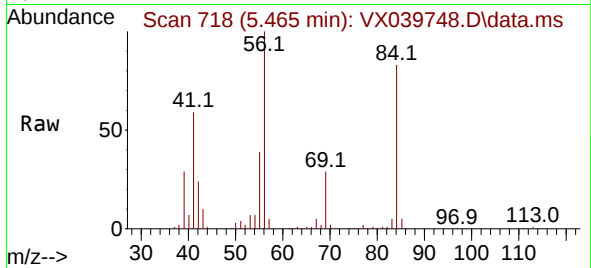
#31
Cyclohexane
Concen: 46.557 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 10540
Ion Ratio Lower Upper
56 100
69 29.3 23.4 35.2
84 80.8 65.9 98.9

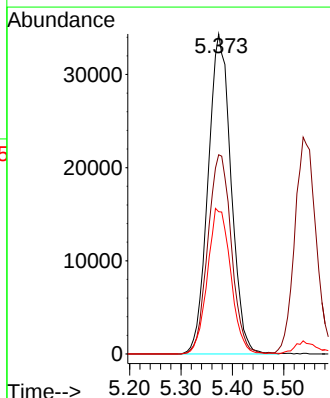
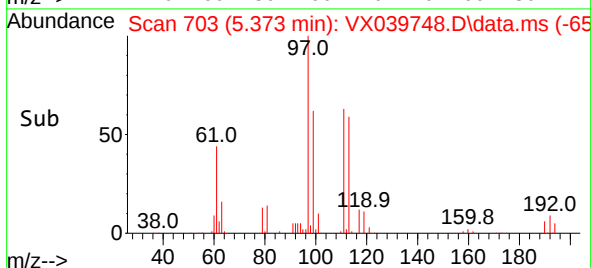
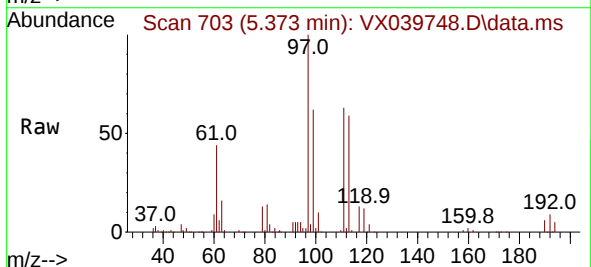
Manual Integrations
APPROVED

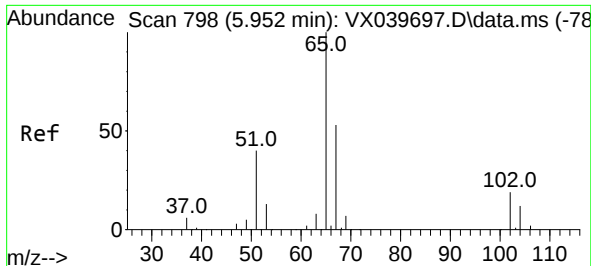
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#32
1,1,1-Trichloroethane
Concen: 49.511 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 97 Resp: 106570
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 46.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.253 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 81062

Ion Ratio Lower Upper

65 100

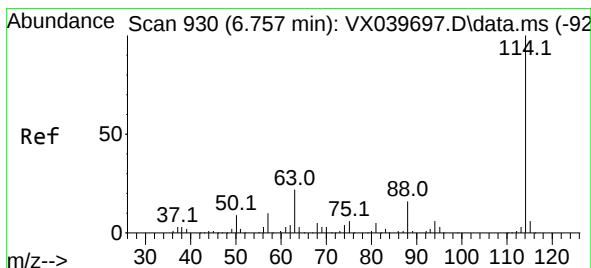
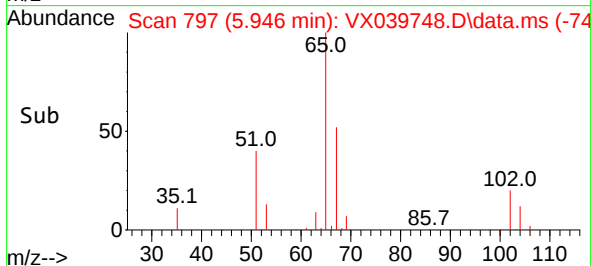
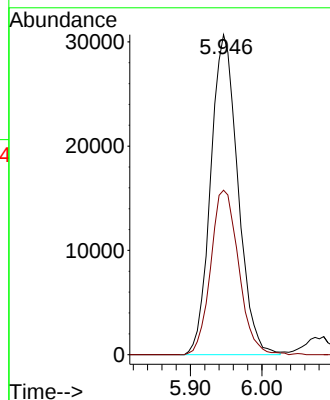
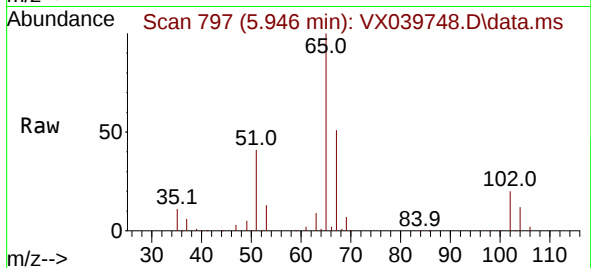
67 52.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

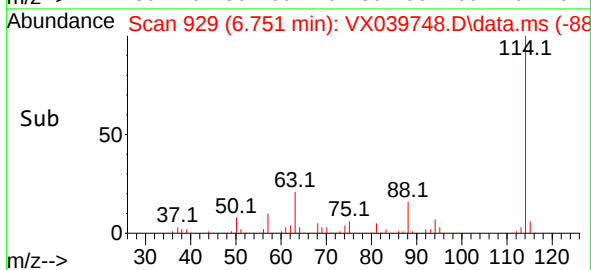
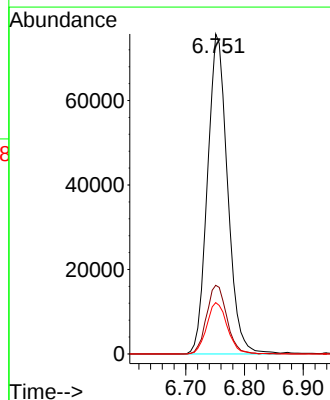
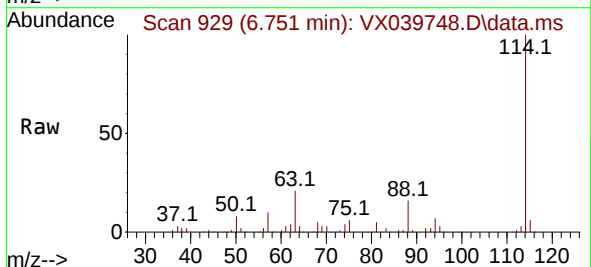
Tgt Ion:114 Resp: 179897

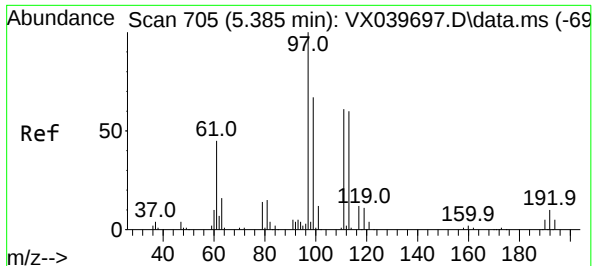
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

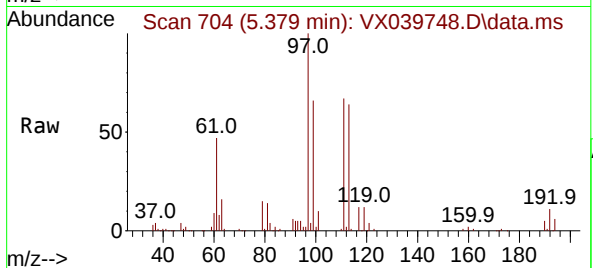
88 16.0 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.445 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

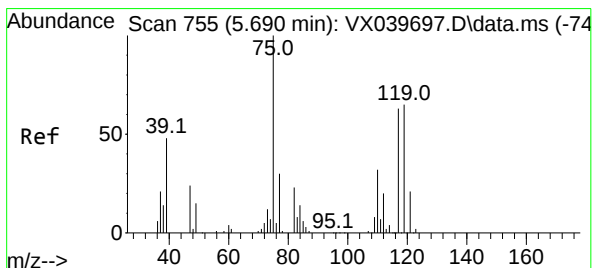
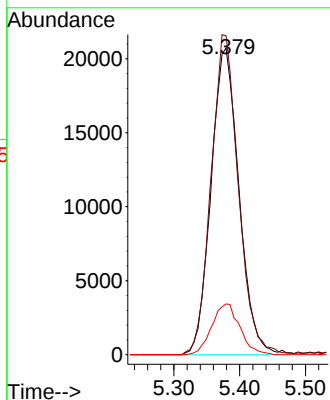
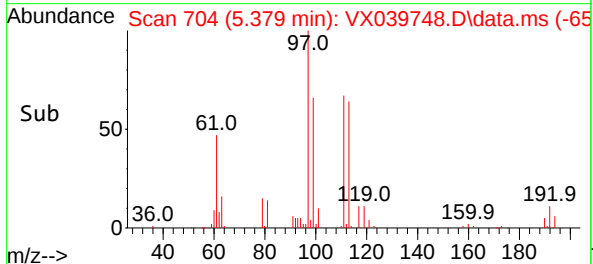
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 61124
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 16.7 13.3 19.9

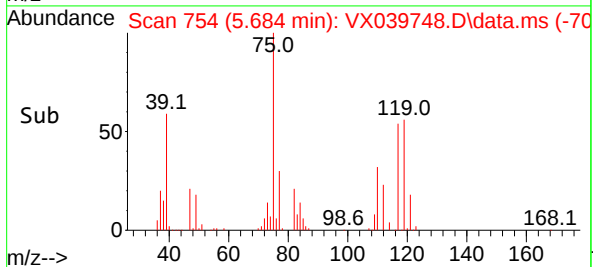
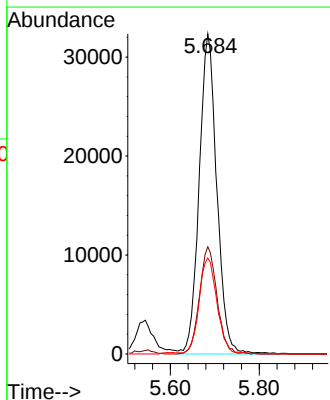
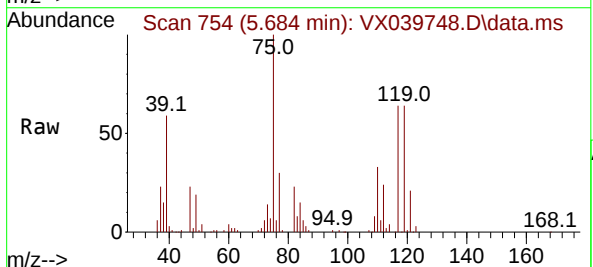
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#36
1,1-Dichloropropene
Concen: 47.393 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

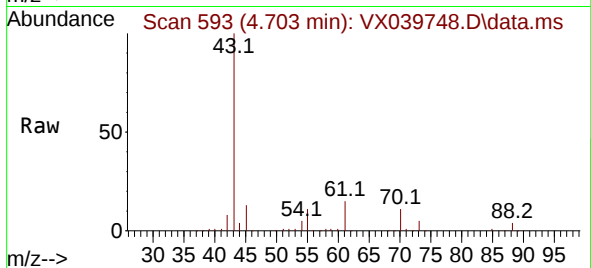
Tgt Ion: 75 Resp: 89386
Ion Ratio Lower Upper
75 100
110 33.1 17.0 50.9
77 30.6 24.7 37.1





#37
Ethyl Acetate
Concen: 48.269 ug/l
RT: 4.703 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

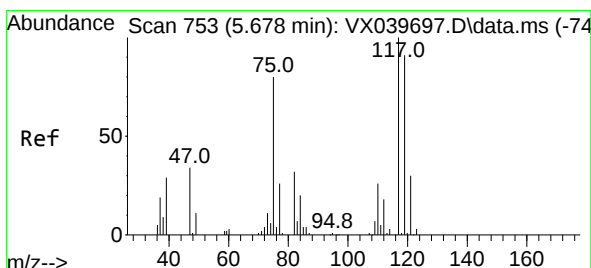
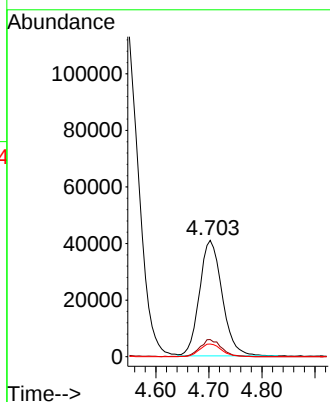
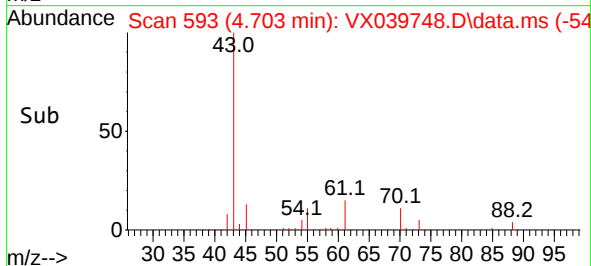
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 121450
Ion Ratio Lower Upper
43 100
61 14.1 10.6 16.0
70 10.7 8.3 12.5

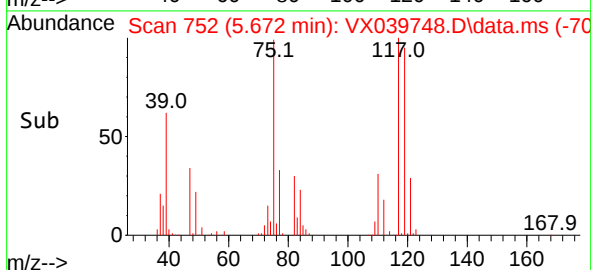
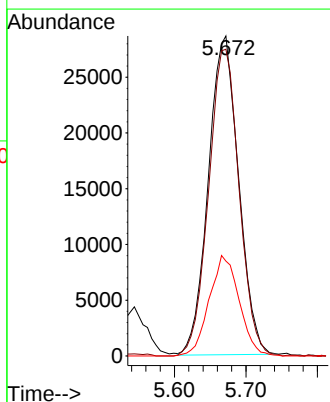
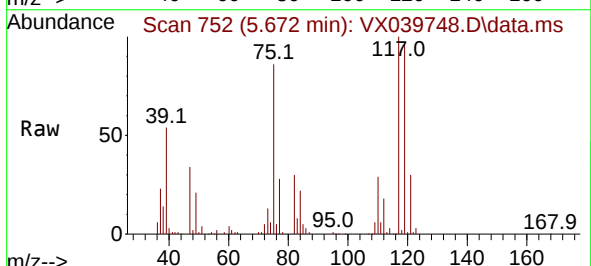
Manual Integrations
APPROVED

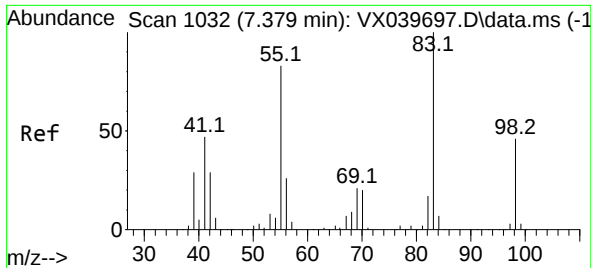
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#38
Carbon Tetrachloride
Concen: 48.676 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion:117 Resp: 84083
Ion Ratio Lower Upper
117 100
119 96.1 78.2 117.2
121 29.6 24.4 36.6





#39
Methylcyclohexane
Concen: 47.710 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

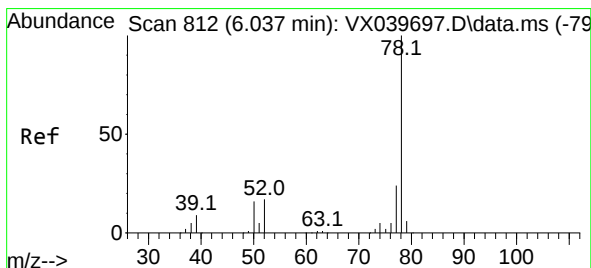
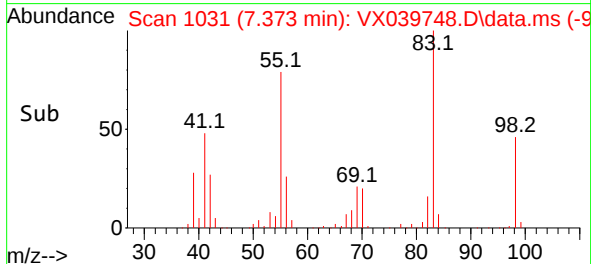
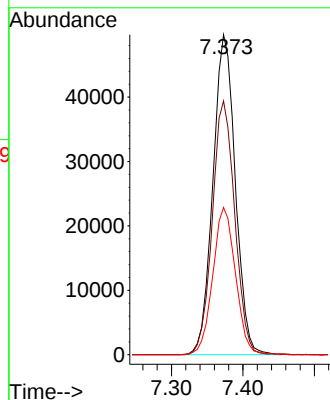
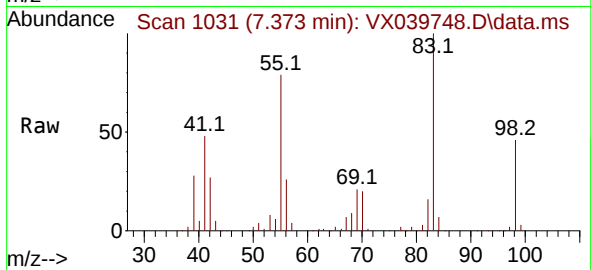
Tgt Ion: 83 Resp: 10805
Ion Ratio Lower Upper
83 100
55 79.3 64.6 97.0
98 46.0 36.7 55.1

Manual Integrations

APPROVED

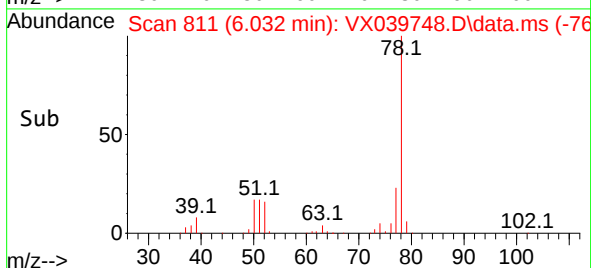
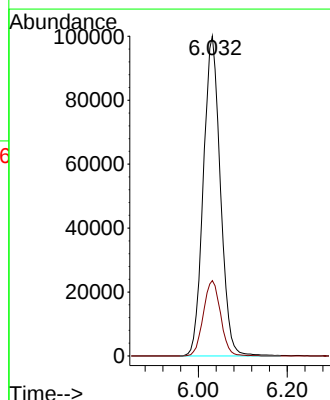
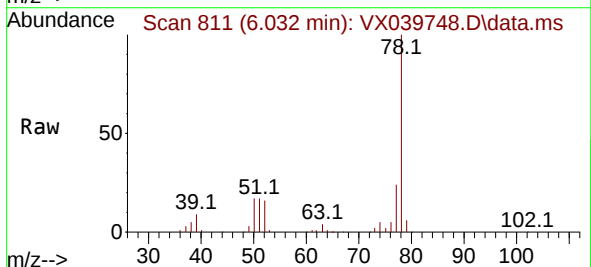
Reviewed By :John Carlone 01/16/2024

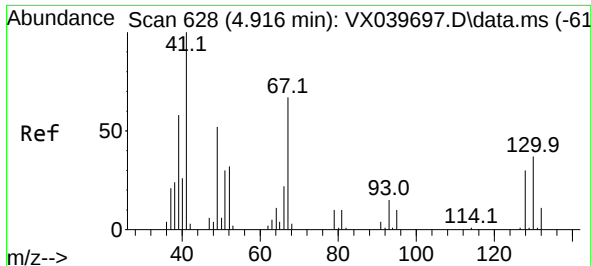
Supervised By :Mahesh Dadoda 01/16/2024



#40
Benzene
Concen: 49.955 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 78 Resp: 266791
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 52.283 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

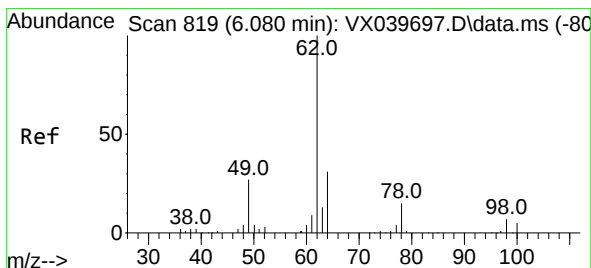
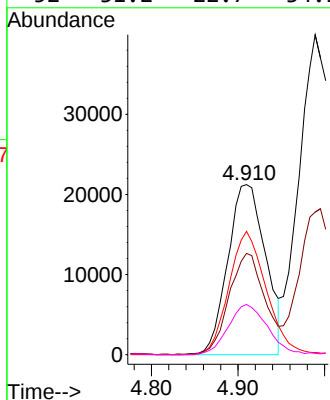
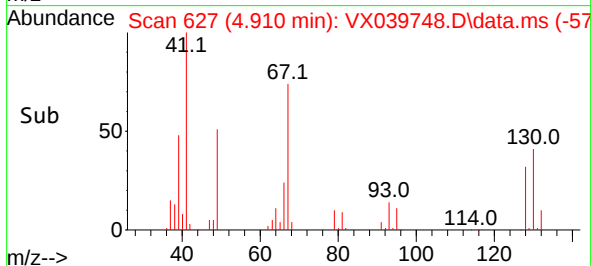
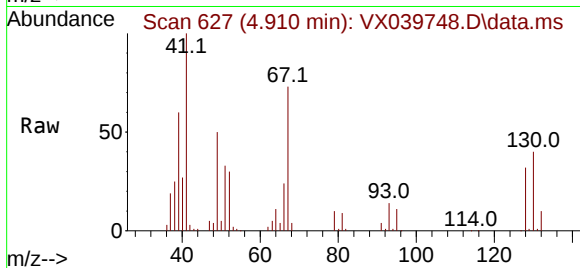
VSTDCCC050

Tgt Ion: 41 Resp: 64330
Ion Ratio Lower Upper
41 100
39 56.3 45.2 67.8
67 72.1 52.6 78.8
52 31.2 22.7 34.1

Manual Integrations

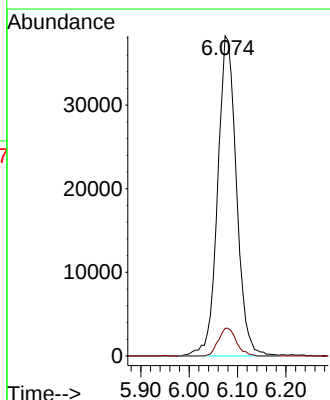
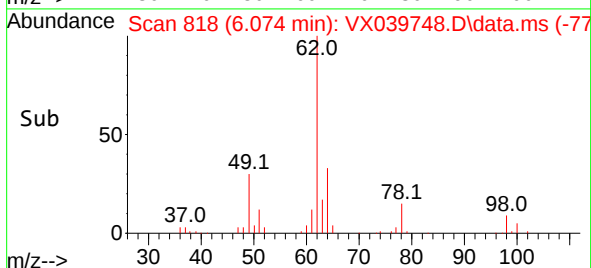
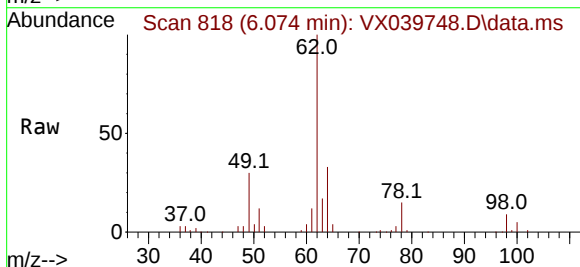
APPROVED

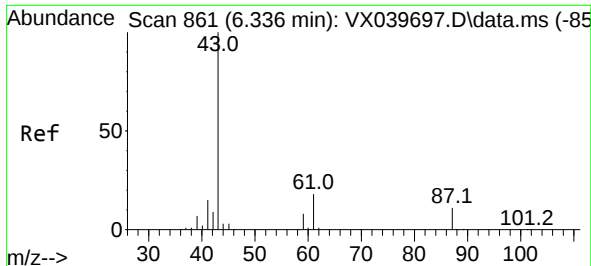
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#42
1,2-Dichloroethane
Concen: 50.999 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

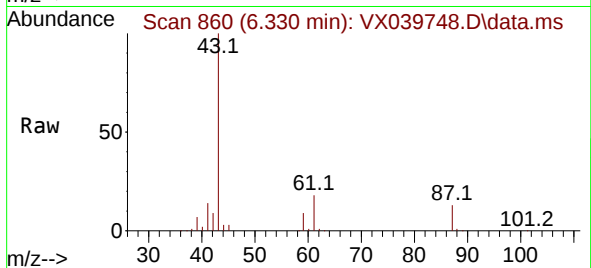
Tgt Ion: 62 Resp: 103548
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.0





#43
Isopropyl Acetate
Concen: 51.591 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

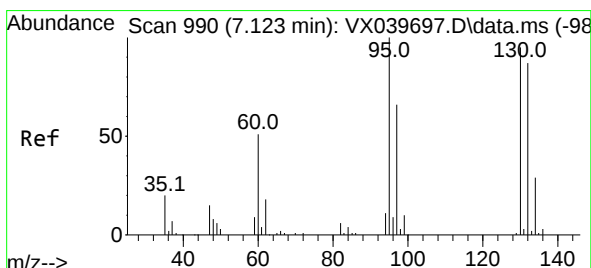
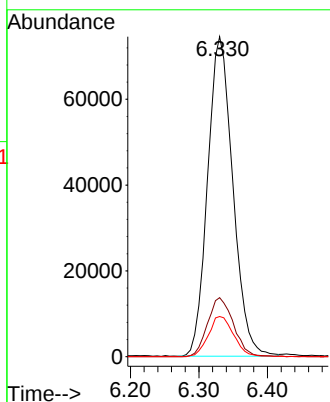
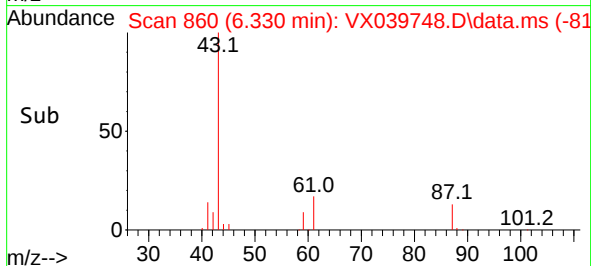
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 190425
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 12.7 9.8 14.6

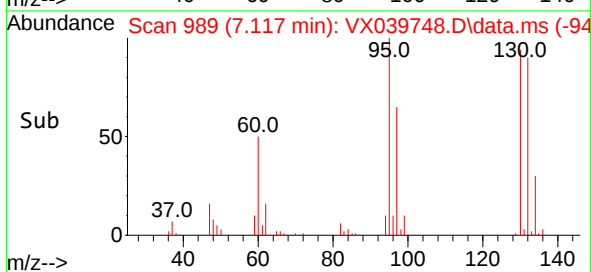
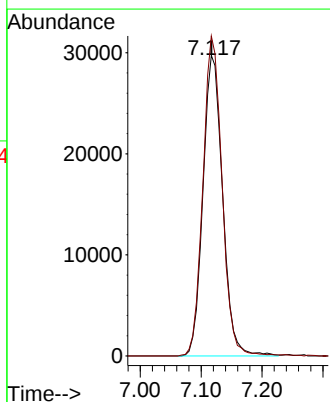
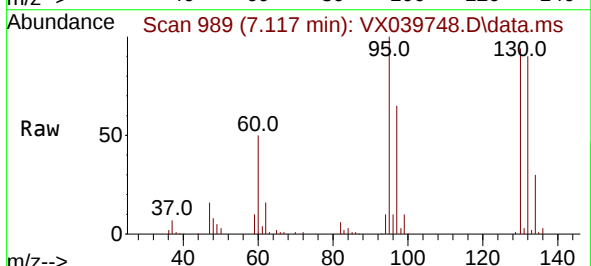
Manual Integrations
APPROVED

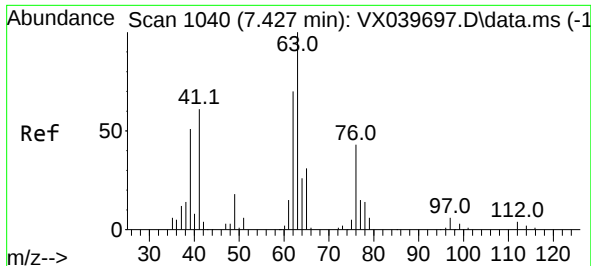
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#44
Trichloroethene
Concen: 50.854 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion:130 Resp: 66561
Ion Ratio Lower Upper
130 100
95 106.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.434 ug/l

RT: 7.422 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7368

Ion Ratio Lower Upper

63 100

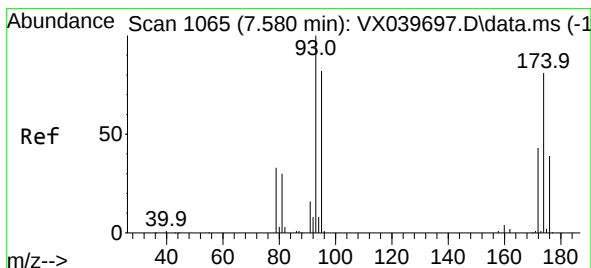
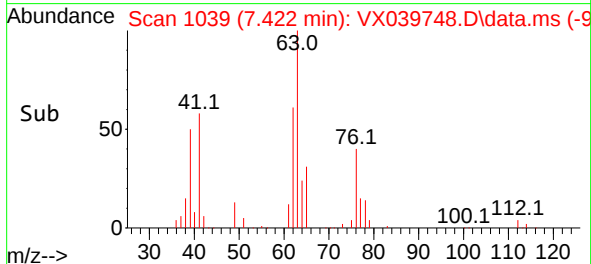
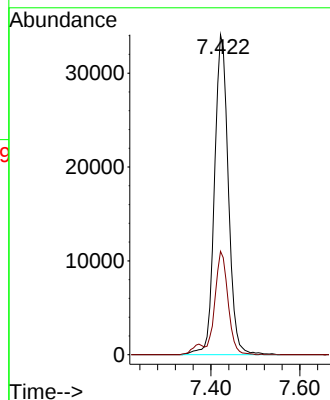
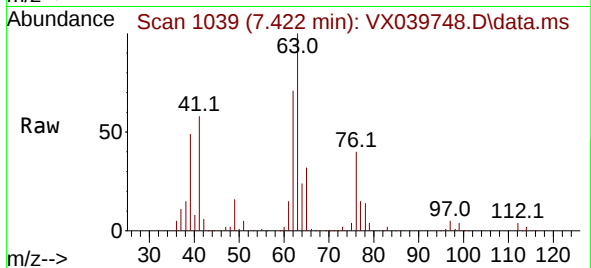
65 32.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#46

Dibromomethane

Concen: 51.985 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

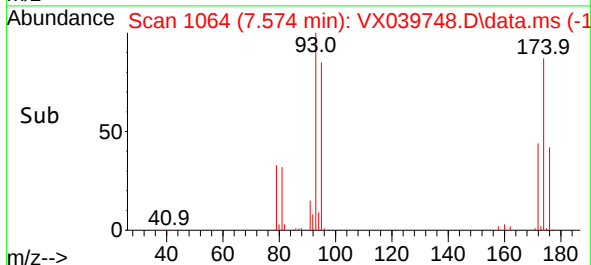
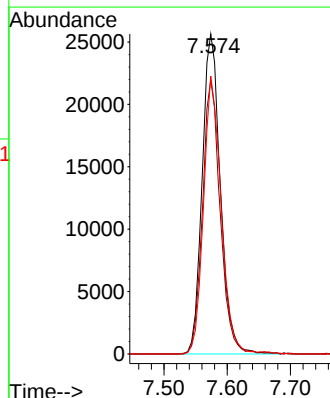
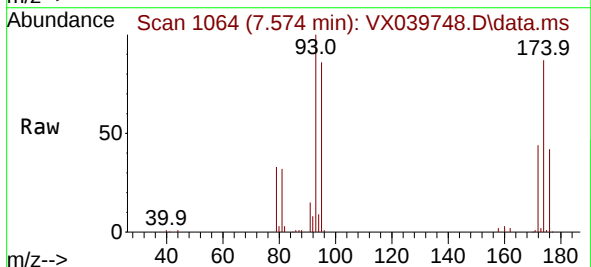
Tgt Ion: 93 Resp: 51441

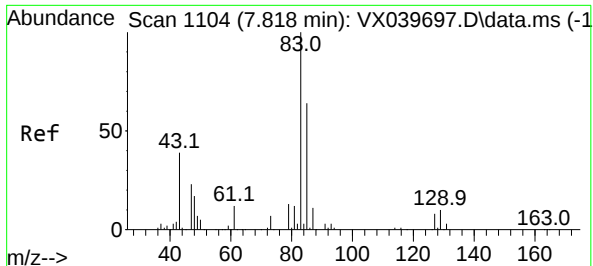
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 84.0 69.4 104.0





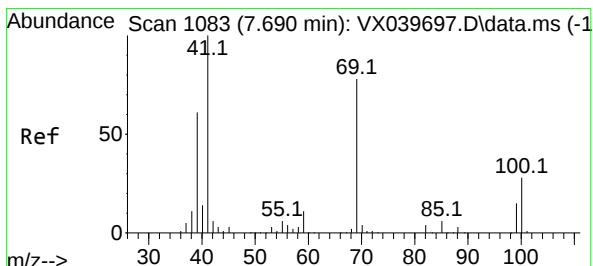
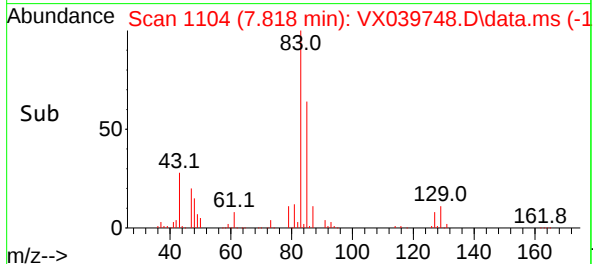
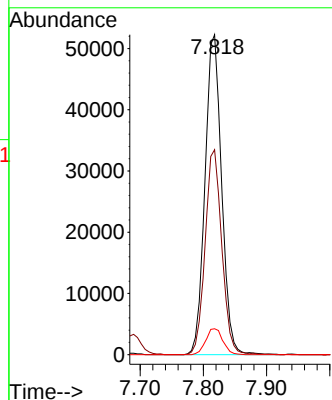
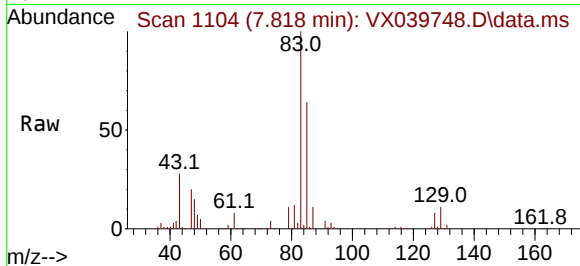
#47
Bromodichloromethane
Concen: 52.305 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9585
Ion Ratio Lower Upper
83 100
85 64.1 49.8 74.6
127 8.1 7.1 10.7

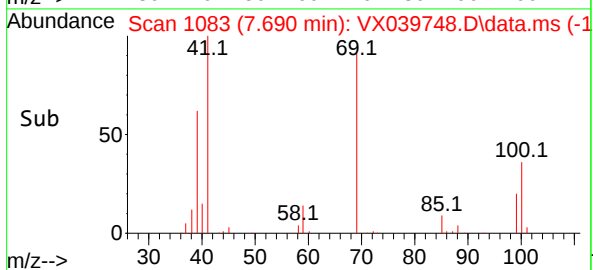
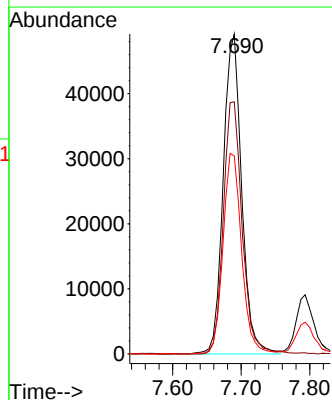
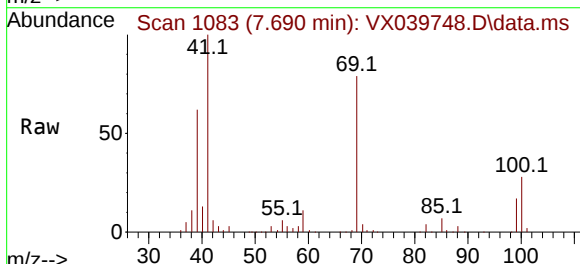
Manual Integrations
APPROVED

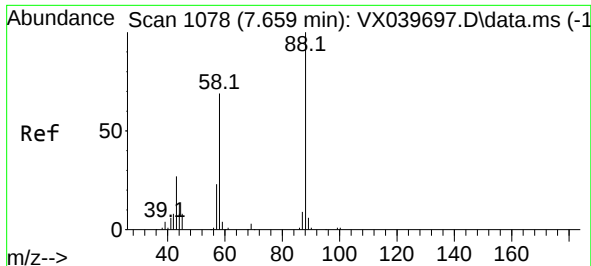
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#48
Methyl methacrylate
Concen: 50.518 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 41 Resp: 91653
Ion Ratio Lower Upper
41 100
69 80.6 59.2 88.8
39 63.4 47.7 71.5





#49

1,4-Dioxane

Concen: 1038.216 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3644

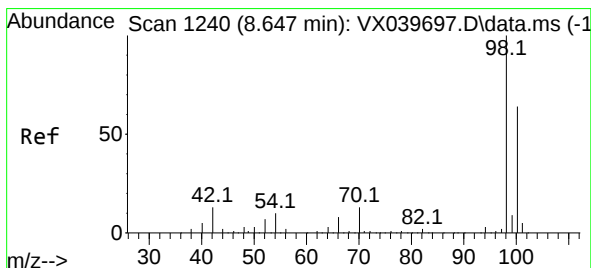
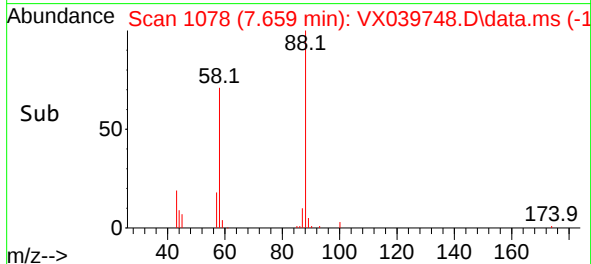
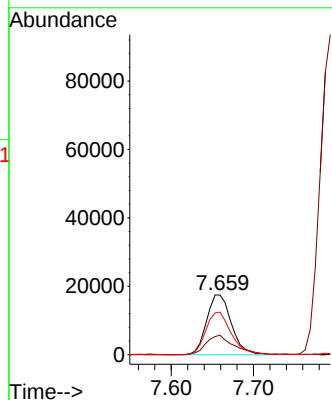
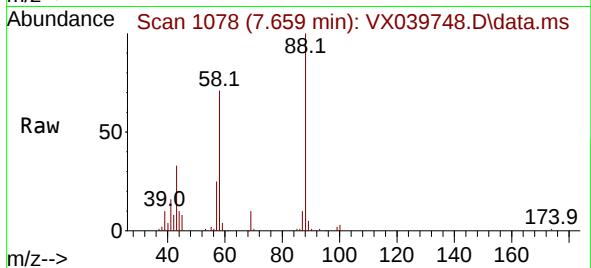
Ion	Ratio	Lower	Upper
88	100		
43	37.0	0.0	0.0
58	73.4	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#50

Toluene-d8

Concen: 48.730 ug/l

RT: 8.647 min Scan# 1240

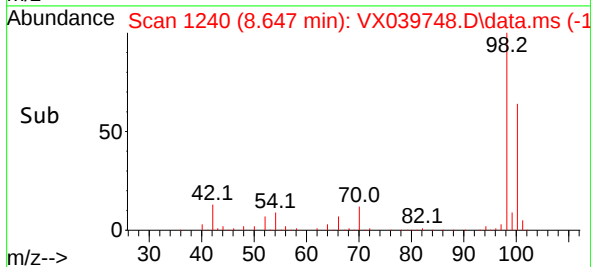
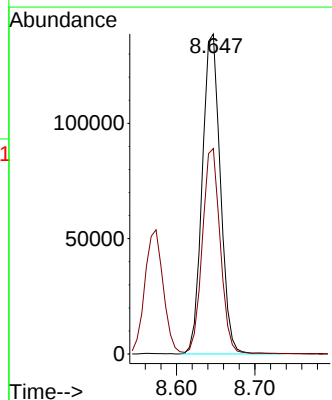
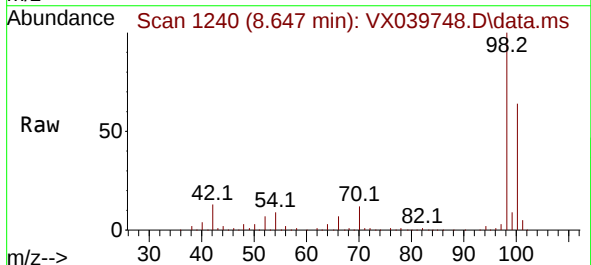
Delta R.T. 0.000 min

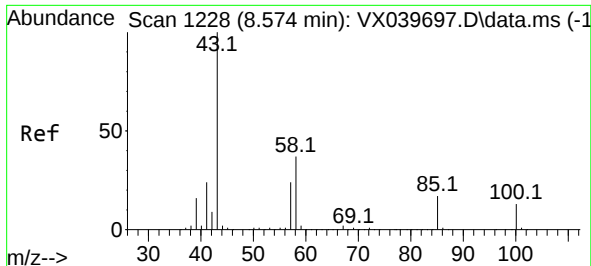
Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Tgt Ion: 98 Resp: 222691

Ion	Ratio	Lower	Upper
98	100		
100	63.7	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 253.524 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

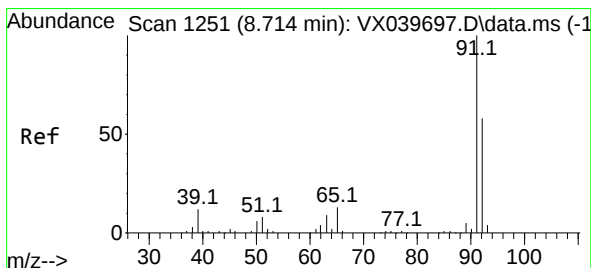
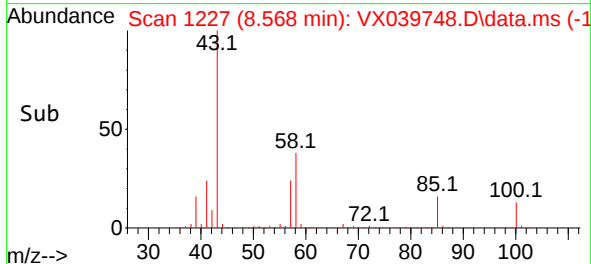
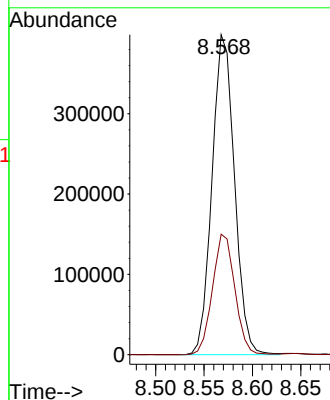
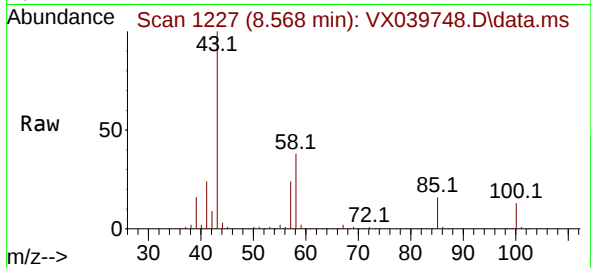
VSTDCCC050

Tgt Ion: 43 Resp: 64447
Ion Ratio Lower Upper
43 100
58 37.5 30.4 45.6

Manual Integrations

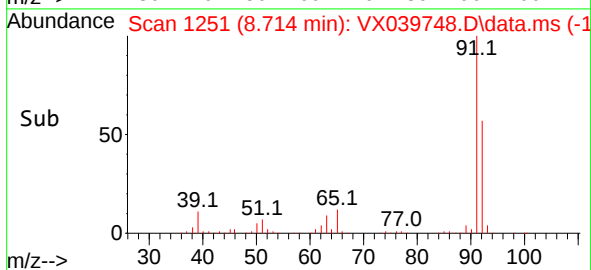
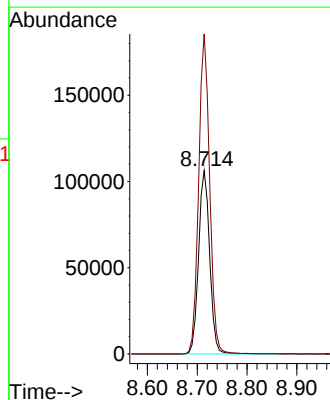
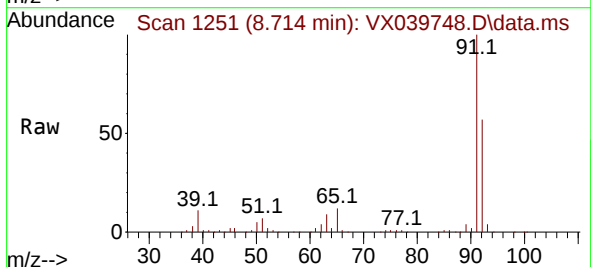
APPROVED

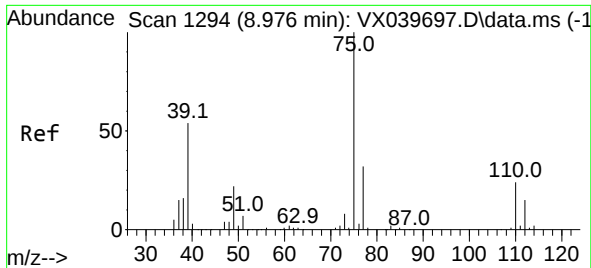
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#52
Toluene
Concen: 51.409 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 92 Resp: 163989
Ion Ratio Lower Upper
92 100
91 172.9 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 53.974 ug/l
RT: 8.970 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

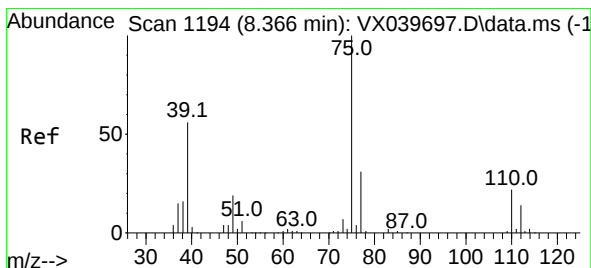
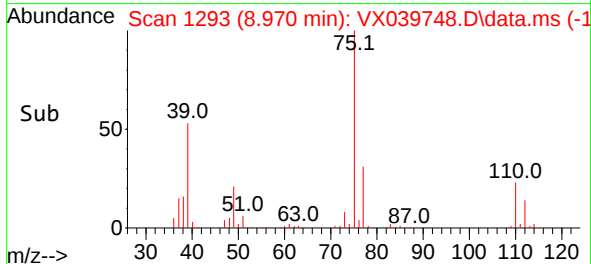
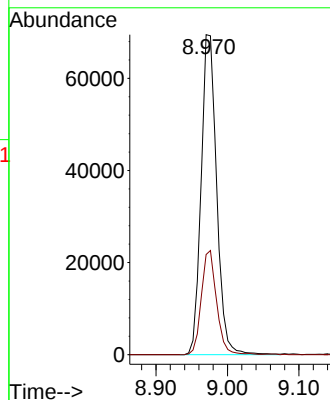
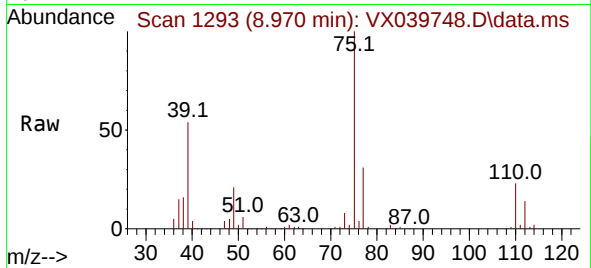
VSTDCCC050

Tgt Ion: 75 Resp: 104962
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5

Manual Integrations

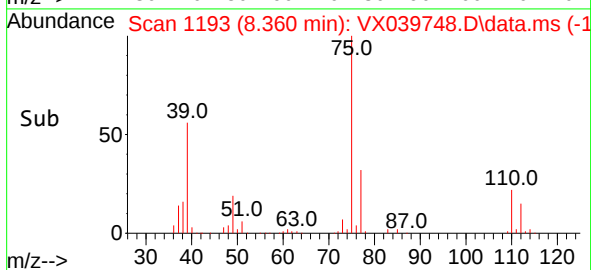
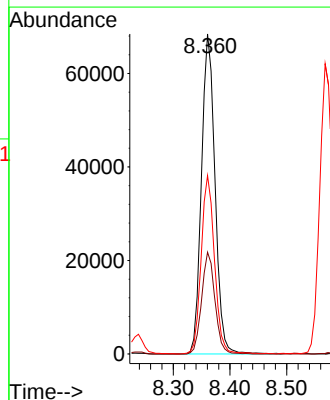
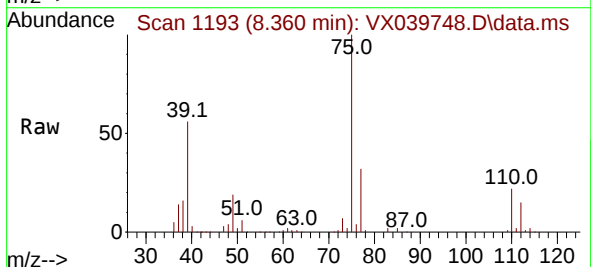
APPROVED

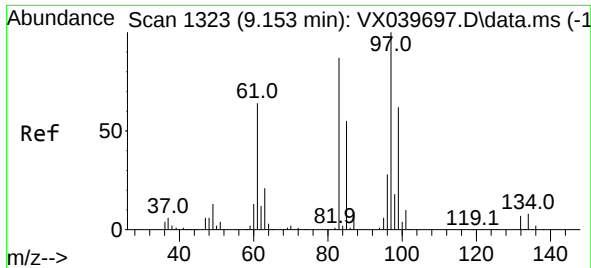
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#54
cis-1,3-Dichloropropene
Concen: 53.278 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 75 Resp: 113927
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
39 55.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 52.327 ug/l
RT: 9.147 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

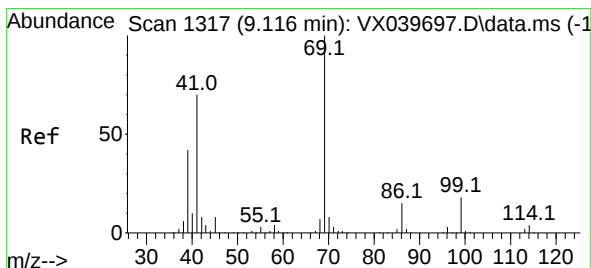
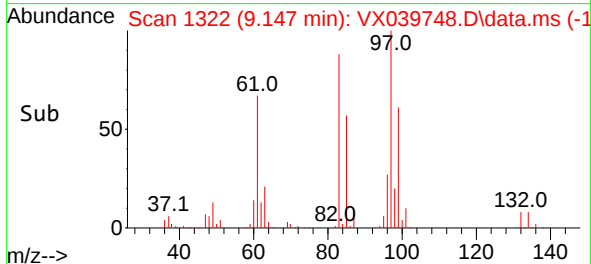
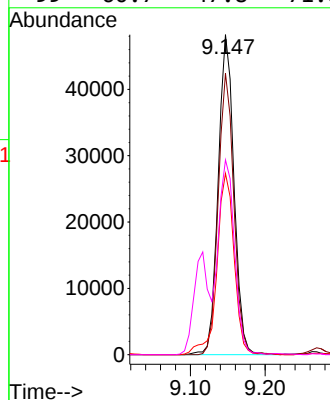
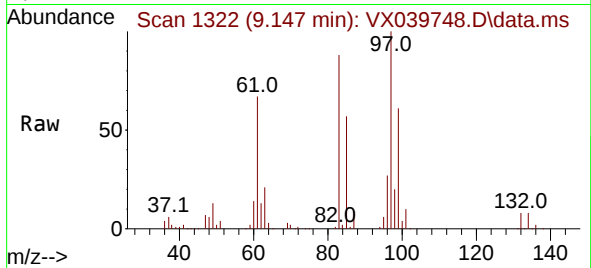
VSTDCCC050

Tgt Ion: 97 Resp: 7106
Ion Ratio Lower Upper
97 100
83 87.9 65.8 98.8
85 56.6 41.6 62.4
99 60.7 47.8 71.8

Manual Integrations

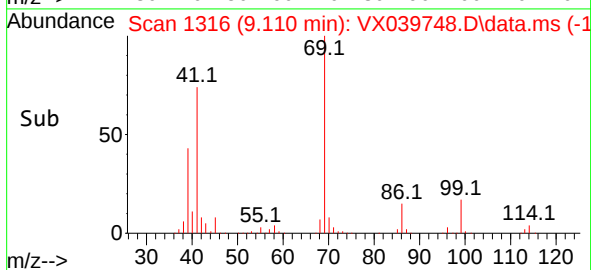
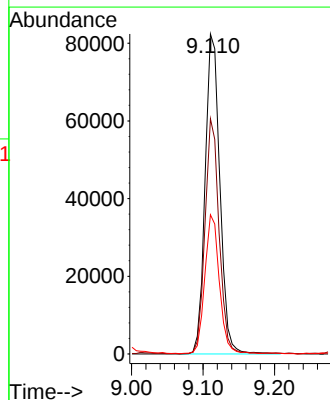
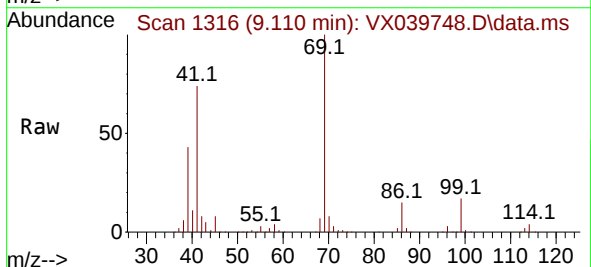
APPROVED

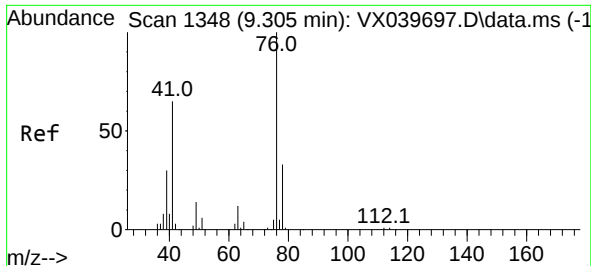
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#56
Ethyl methacrylate
Concen: 53.719 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 69 Resp: 118078
Ion Ratio Lower Upper
69 100
41 70.7 56.8 85.2
39 42.8 32.0 48.0





#57
1,3-Dichloropropane
Concen: 52.074 ug/l
RT: 9.305 min Scan# 11985
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

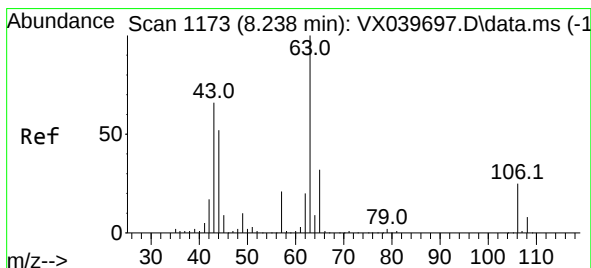
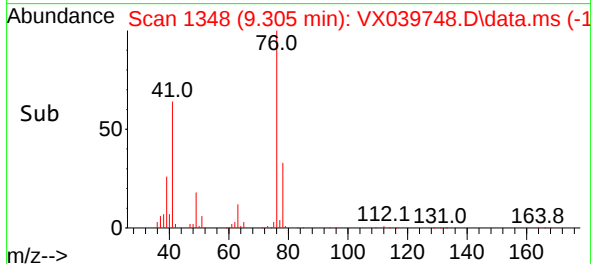
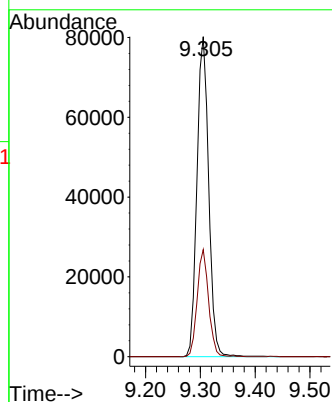
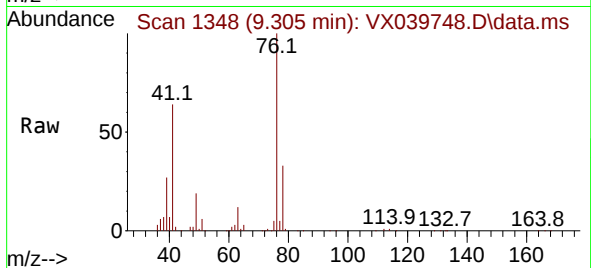
VSTDCCC050

Tgt Ion: 76 Resp: 11985
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

Manual Integrations

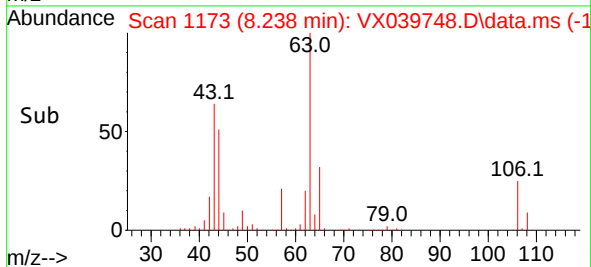
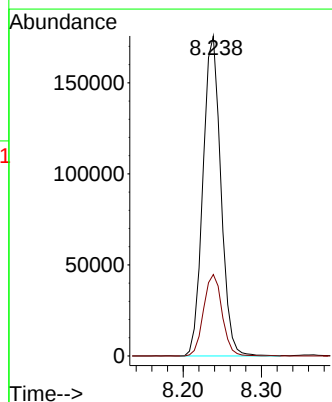
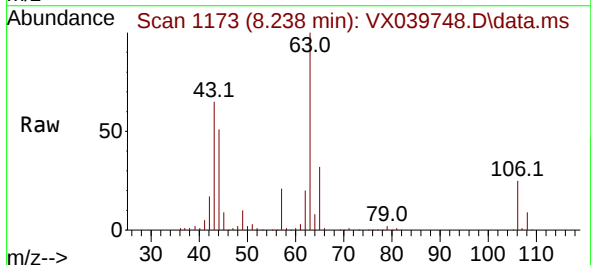
APPROVED

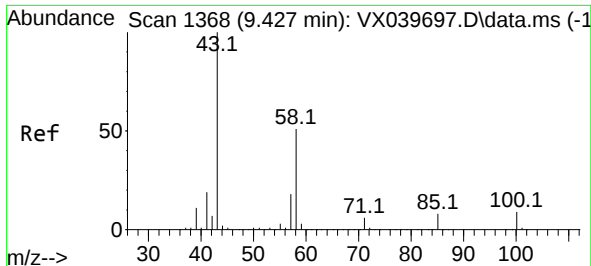
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#58
2-Chloroethyl Vinyl ether
Concen: 268.251 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

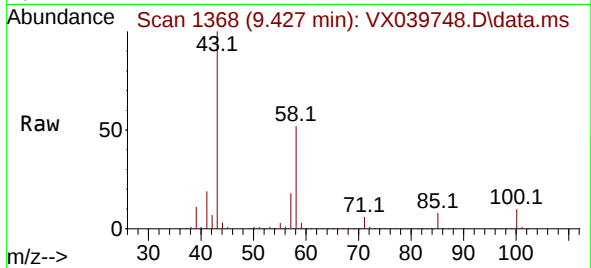
Tgt Ion: 63 Resp: 278706
Ion Ratio Lower Upper
63 100
106 26.3 22.5 33.7





#59
2-Hexanone
Concen: 266.475 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

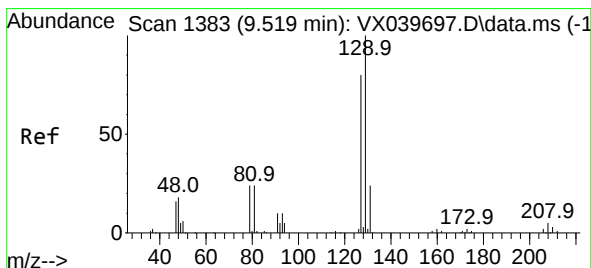
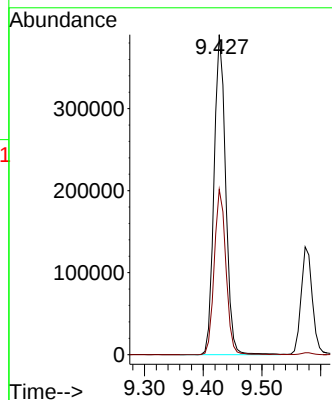
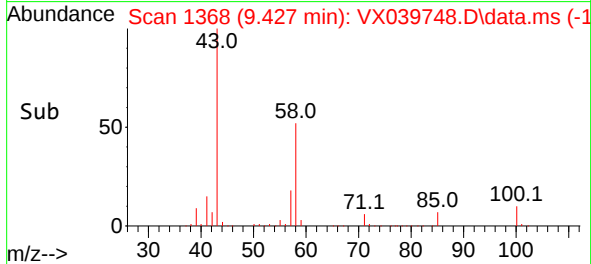
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 536120
Ion Ratio Lower Upper
43 100
58 51.7 26.2 78.5

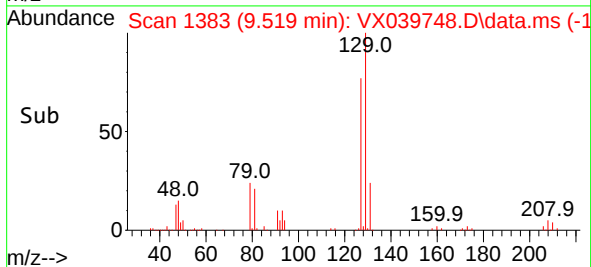
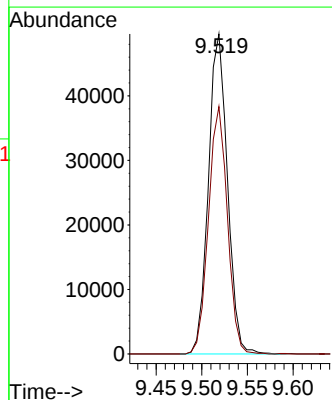
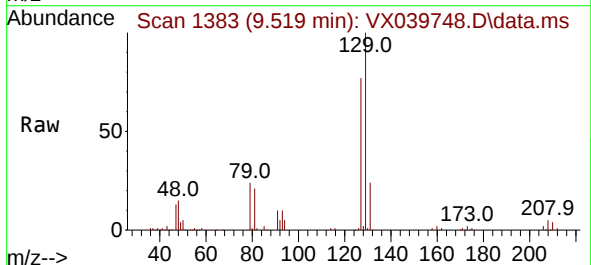
Manual Integrations
APPROVED

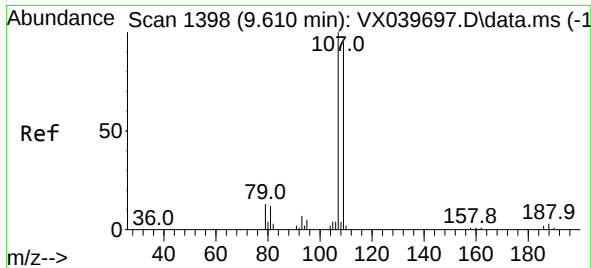
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#60
Dibromochloromethane
Concen: 55.911 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion:129 Resp: 71610
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.250 ug/l
RT: 9.604 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

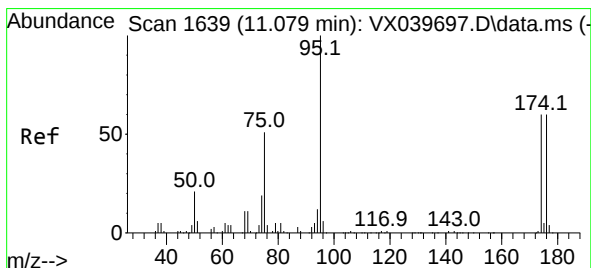
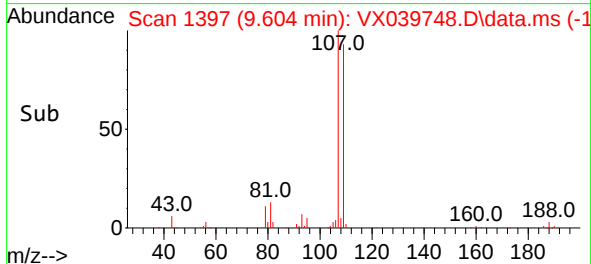
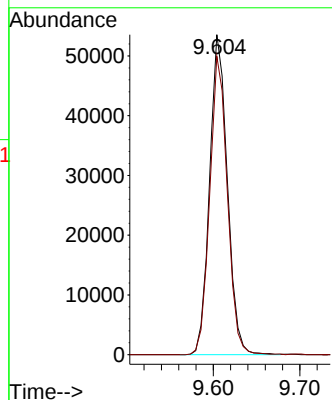
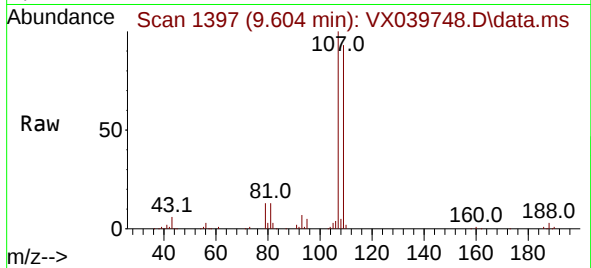
VSTDCCC050

Tgt Ion:107 Resp: 76298
Ion Ratio Lower Upper
107 100
109 92.5 75.2 112.8

Manual Integrations

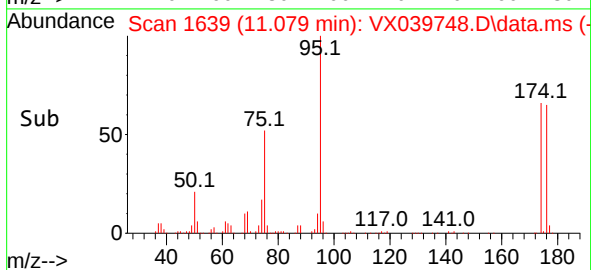
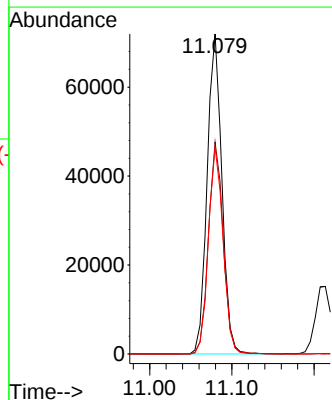
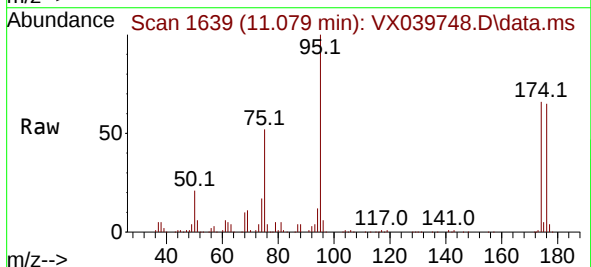
APPROVED

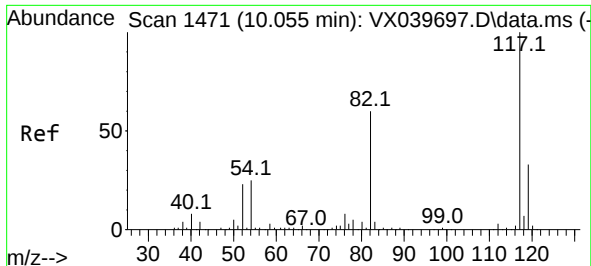
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#62
4-Bromofluorobenzene
Concen: 49.997 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

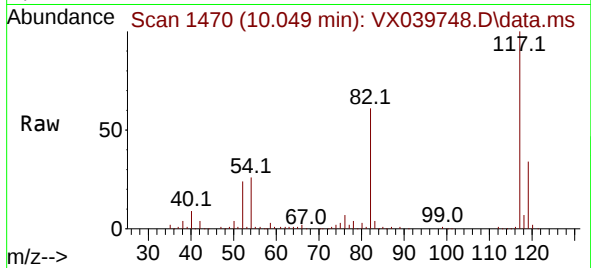
Tgt Ion: 95 Resp: 89348
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.6
176 64.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

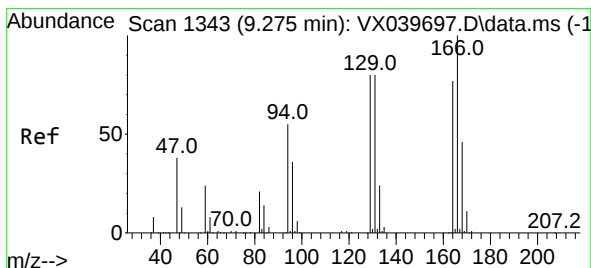
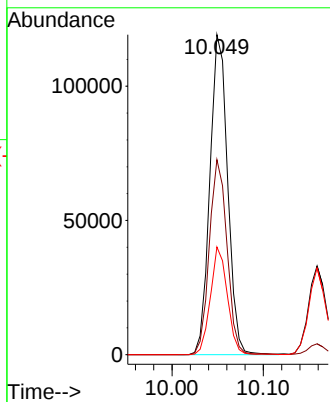
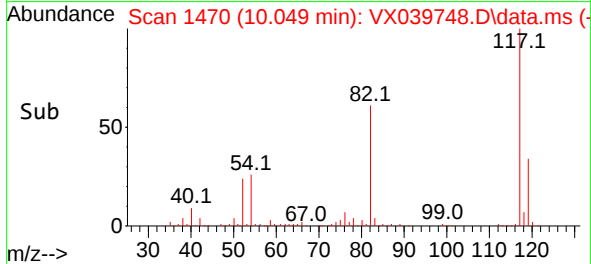
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 160730
Ion Ratio Lower Upper
117 100
82 60.9 46.2 69.4
119 33.7 25.5 38.3

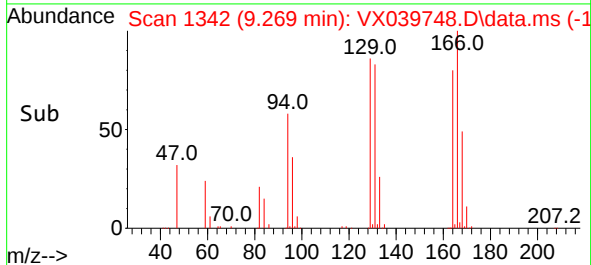
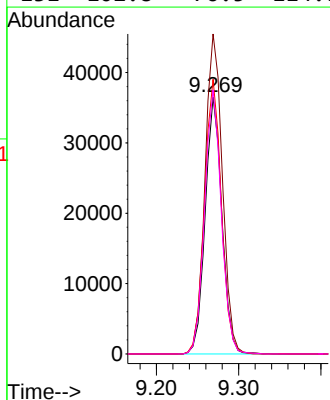
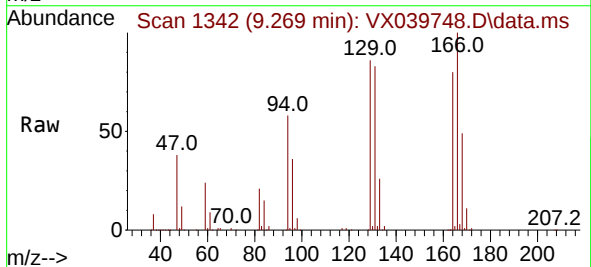
Manual Integrations
APPROVED

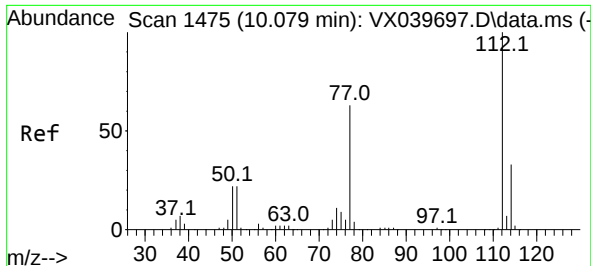
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#64
Tetrachloroethene
Concen: 49.187 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion:164 Resp: 51414
Ion Ratio Lower Upper
164 100
166 124.6 102.7 154.1
129 106.9 80.4 120.6
131 102.8 76.5 114.7





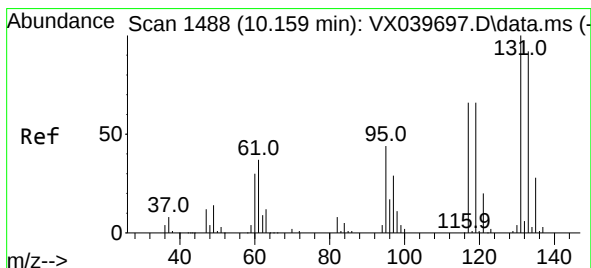
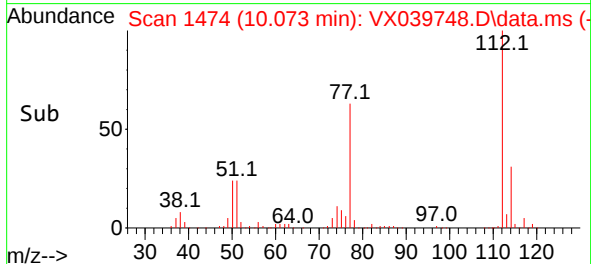
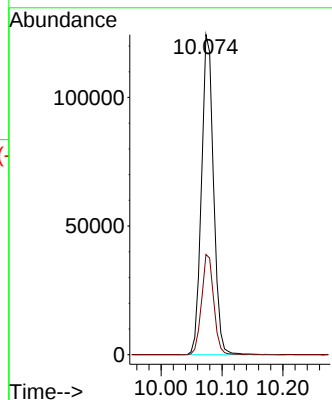
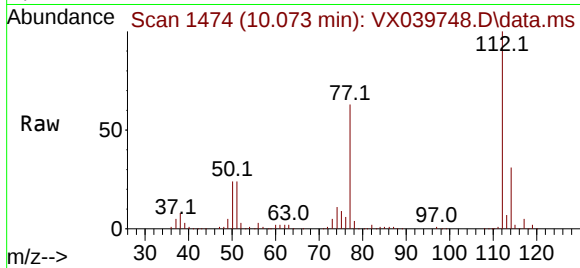
#65
Chlorobenzene
Concen: 51.193 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 17138
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

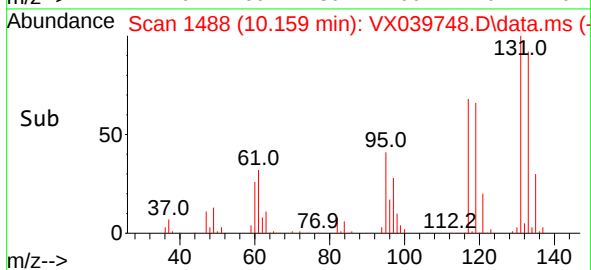
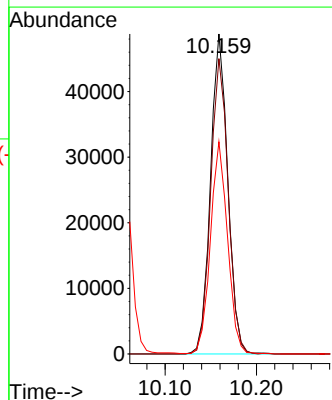
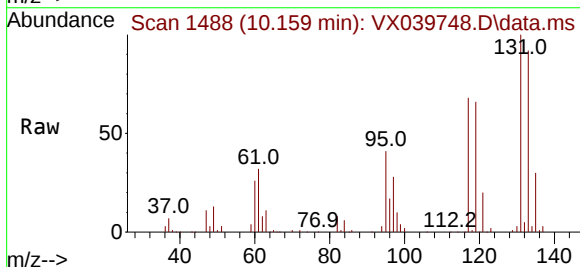
Manual Integrations
APPROVED

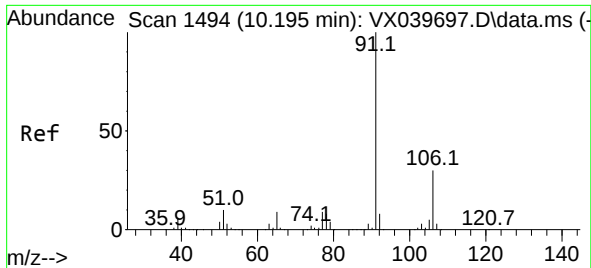
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 55.955 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

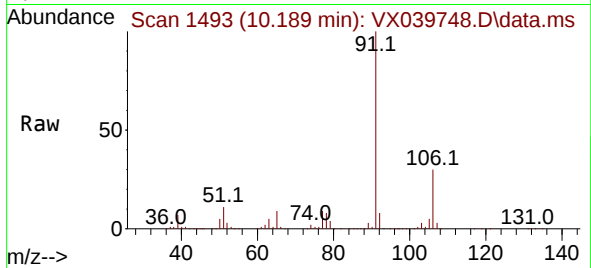
Tgt Ion:131 Resp: 63785
Ion Ratio Lower Upper
131 100
133 93.8 47.1 141.4
119 65.9 32.2 96.6





#67
Ethyl Benzene
Concen: 51.312 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

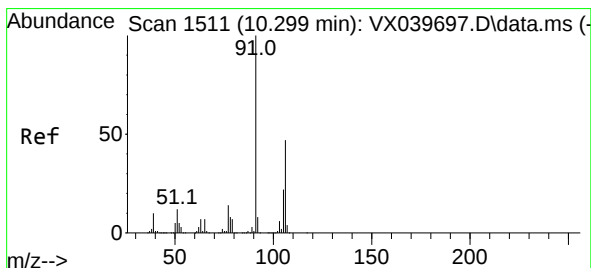
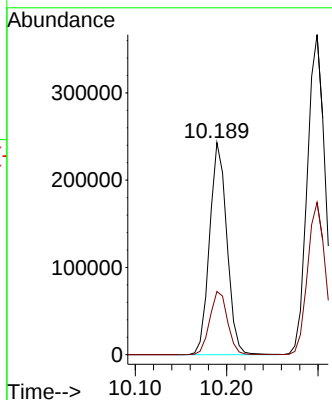
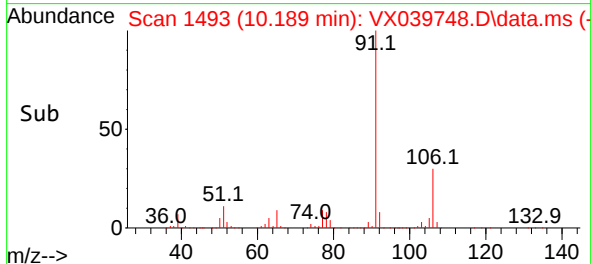
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 318920
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3

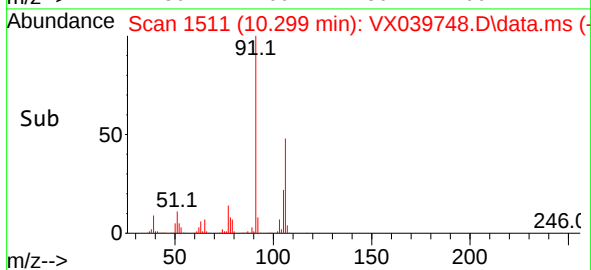
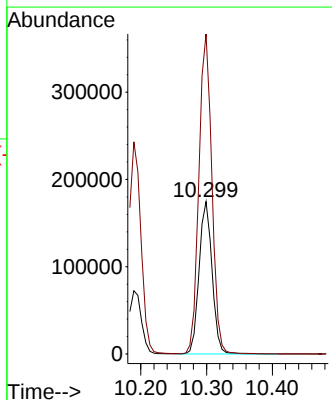
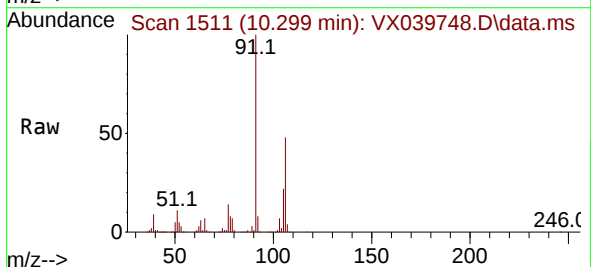
Manual Integrations
APPROVED

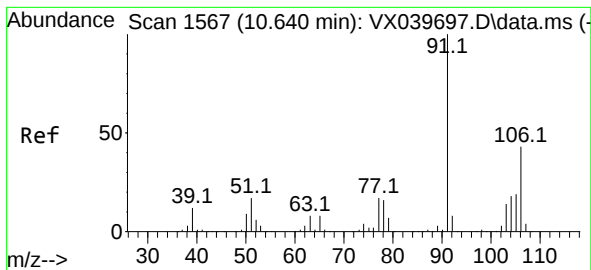
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#68
m/p-Xylenes
Concen: 104.519 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion:106 Resp: 238910
Ion Ratio Lower Upper
106 100
91 210.5 165.5 248.3





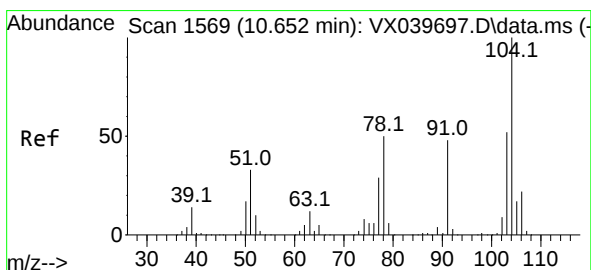
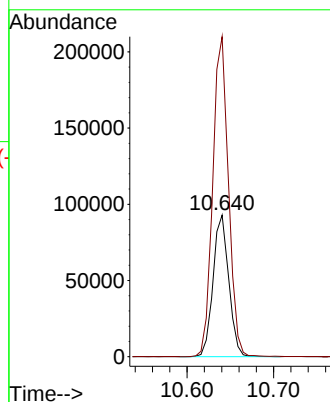
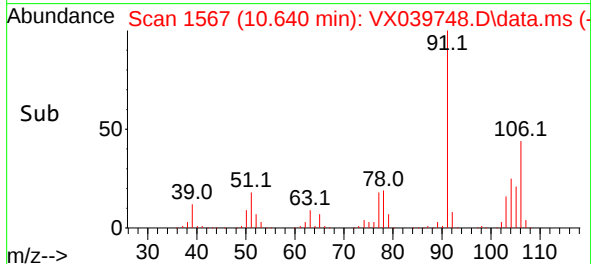
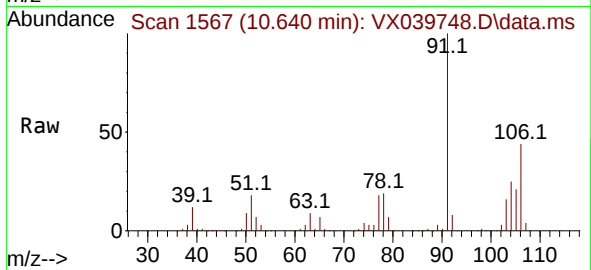
#69
o-Xylene
Concen: 51.714 ug/l
RT: 10.640 min Scan# 117064
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 117064
Ion Ratio Lower Upper
106 100
91 226.2 108.9 326.8

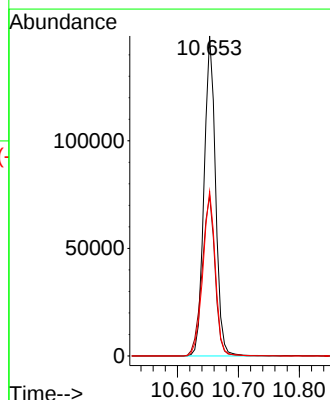
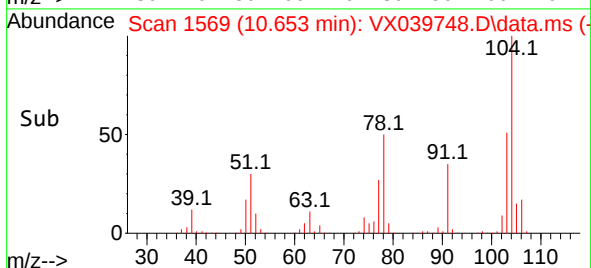
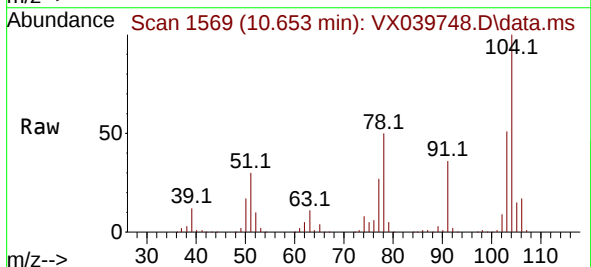
Manual Integrations
APPROVED

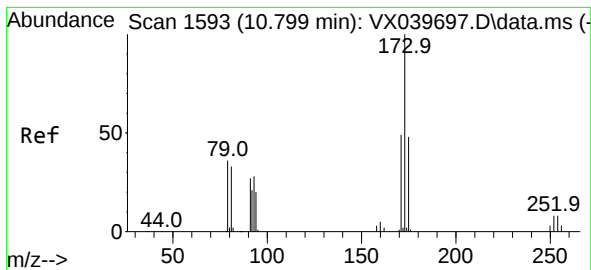
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#70
Styrene
Concen: 52.738 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

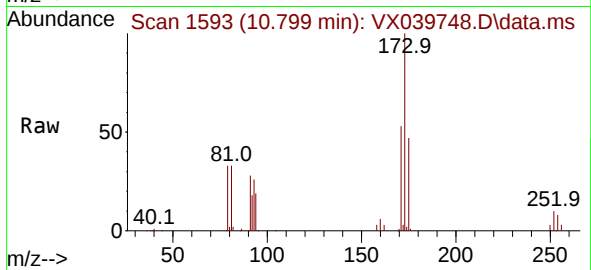
Tgt Ion:104 Resp: 195014
Ion Ratio Lower Upper
104 100
78 56.4 43.6 65.4
103 55.7 43.6 65.4





#71
Bromoform
Concen: 58.052 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

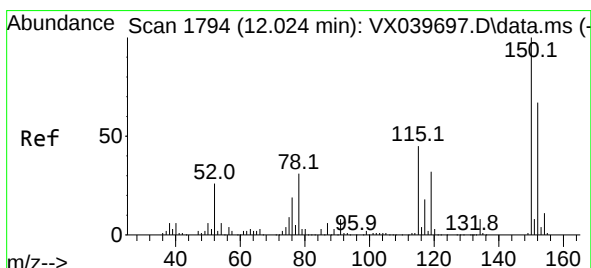
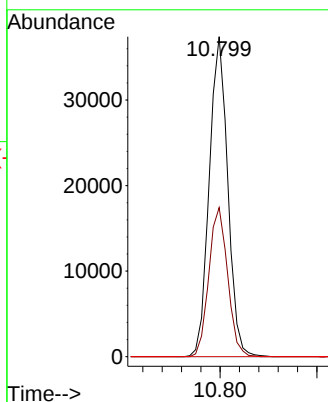
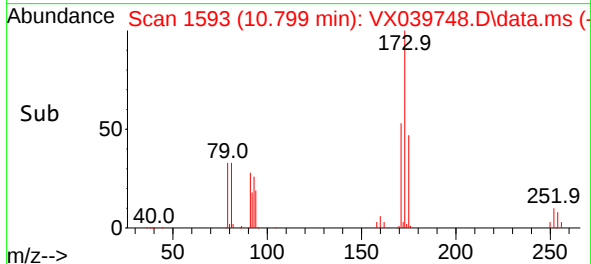
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 49690
Ion Ratio Lower Upper
173 100
175 47.3 24.1 72.4
254 0.0 0.0 0.0

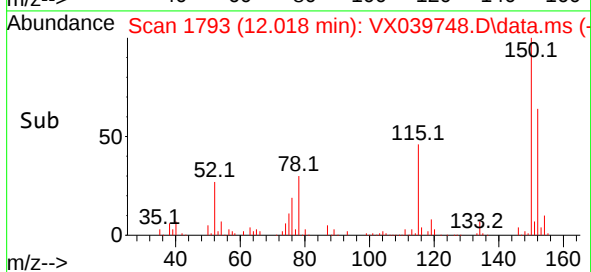
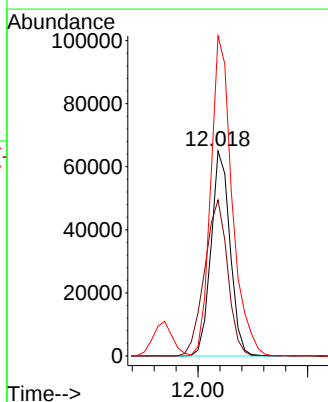
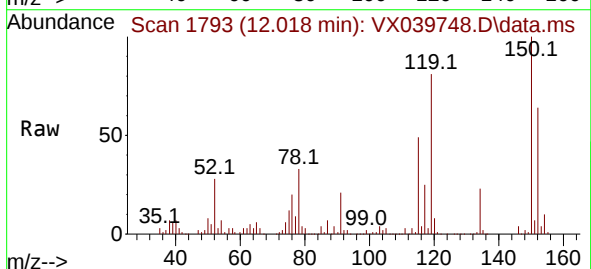
Manual Integrations
APPROVED

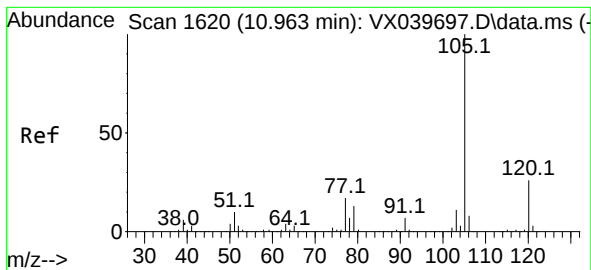
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion:152 Resp: 78095
Ion Ratio Lower Upper
152 100
115 92.7 43.3 129.9
150 174.7 0.0 345.0





#73

Isopropylbenzene

Concen: 49.993 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 31084

Ion Ratio Lower Upper

105 100

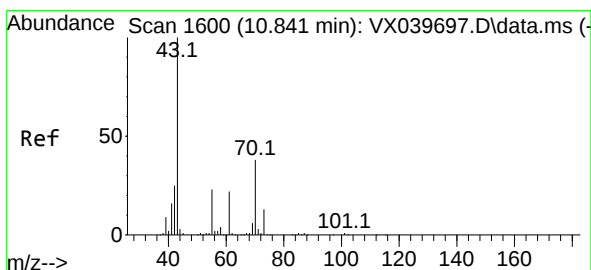
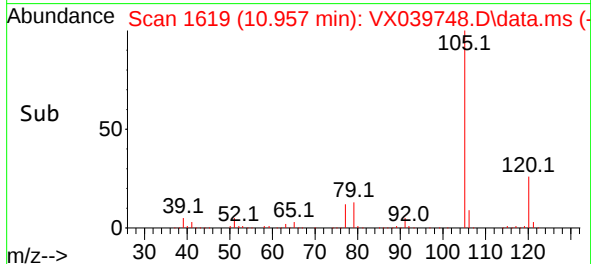
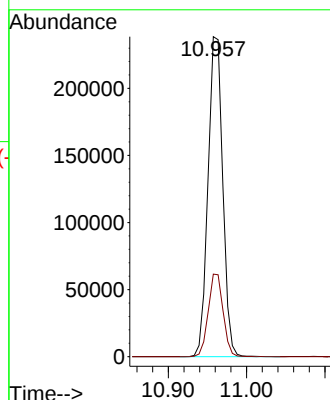
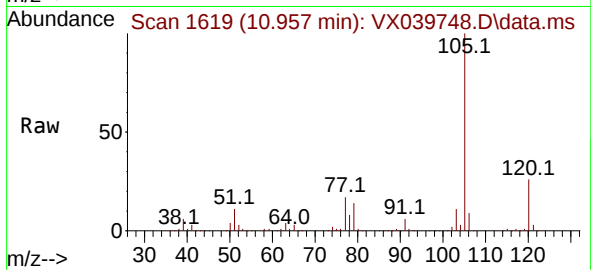
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#74

N-ethyl acetate

Concen: 54.104 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Tgt Ion: 43 Resp: 175350

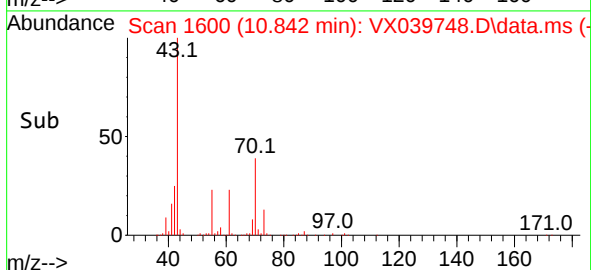
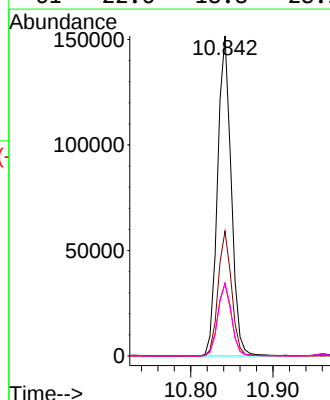
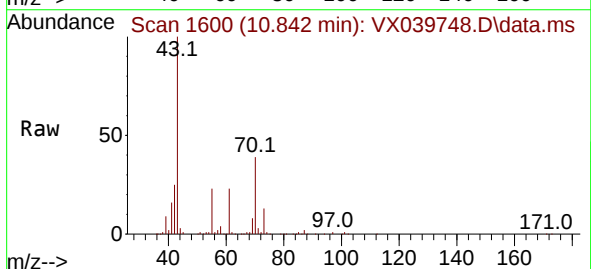
Ion Ratio Lower Upper

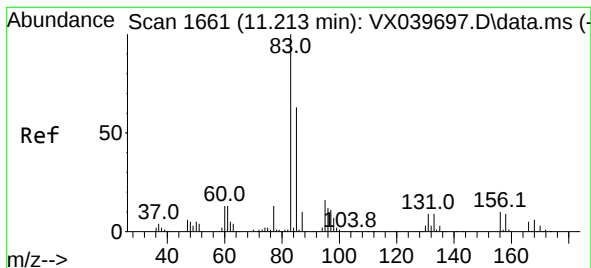
43 100

70 38.5 32.9 49.3

55 23.0 19.3 28.9

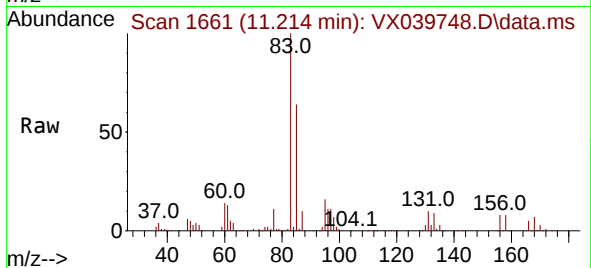
61 22.6 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.997 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

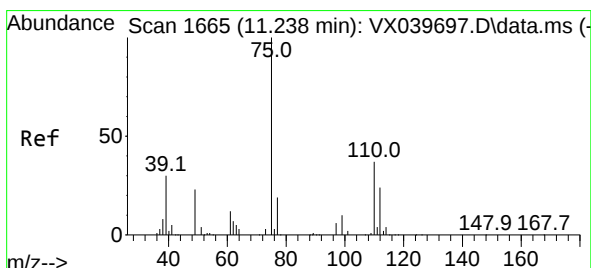
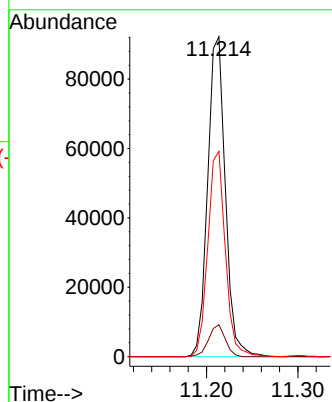
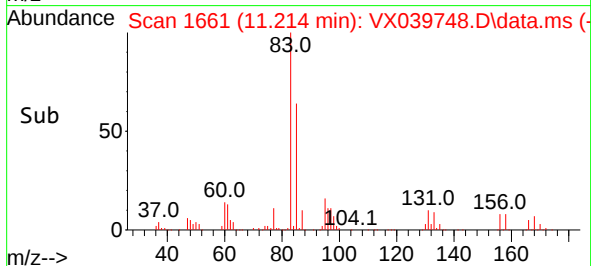
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 123456
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 63.7 32.0 96.2

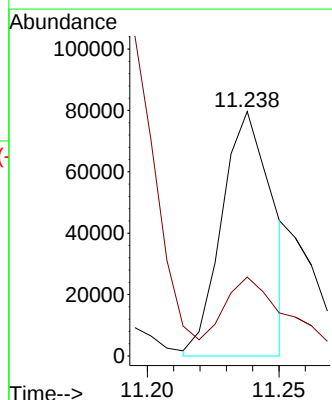
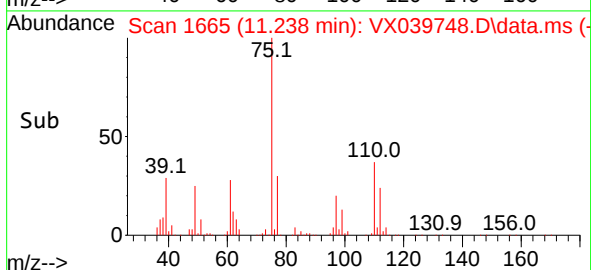
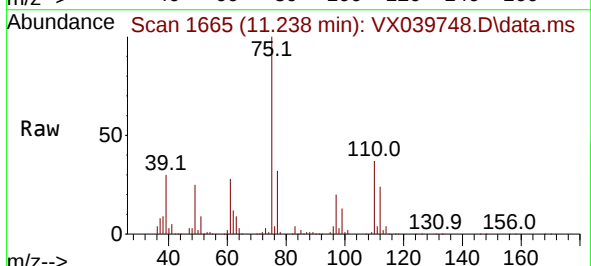
Manual Integrations
APPROVED

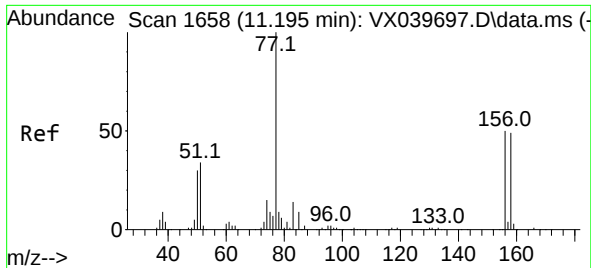
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#76
1,2,3-Trichloropropane
Concen: 52.358 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

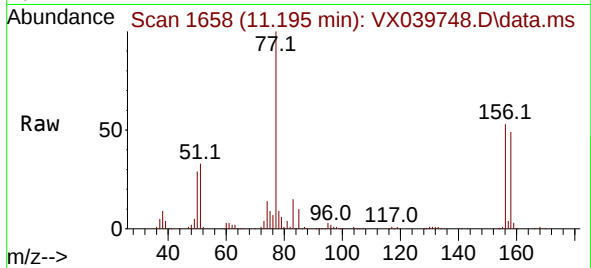
Tgt Ion: 75 Resp: 106008
Ion Ratio Lower Upper
75 100
77 41.7 19.1 57.5





#77
Bromobenzene
Concen: 52.144 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

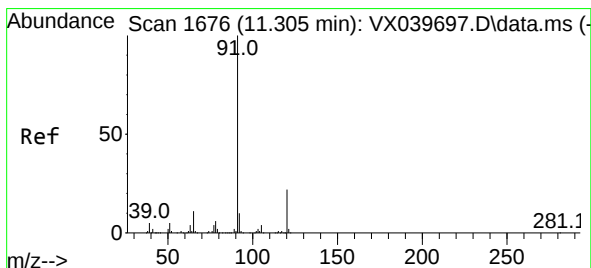
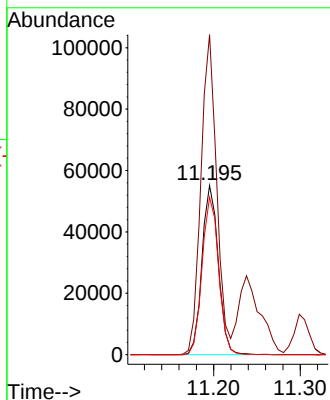
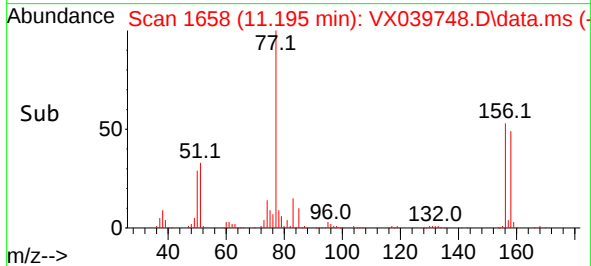
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



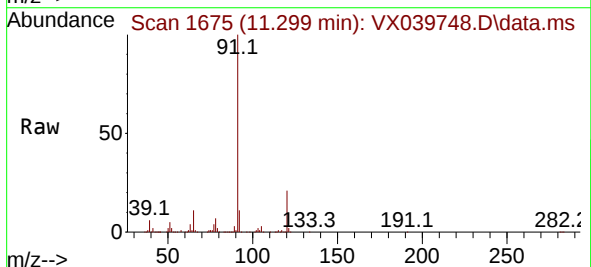
Tgt Ion:156 Resp: 7218
Ion Ratio Lower Upper
156 100
77 183.0 88.4 265.3
158 94.1 48.0 144.0

Manual Integrations
APPROVED

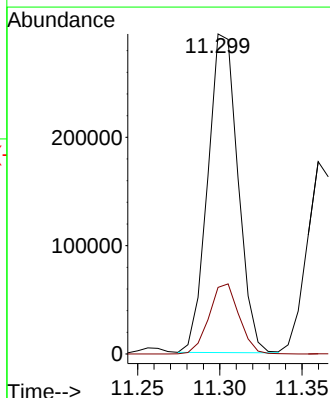
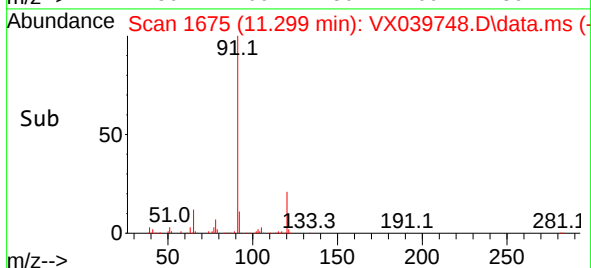
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

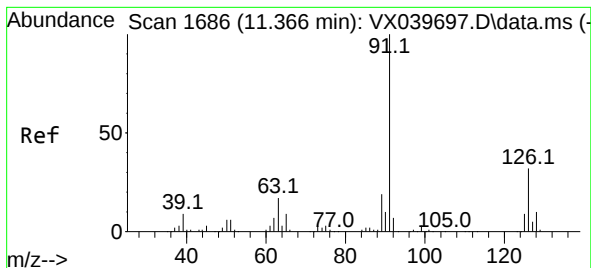


#78
n-propylbenzene
Concen: 50.020 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41



Tgt Ion: 91 Resp: 376424
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.4





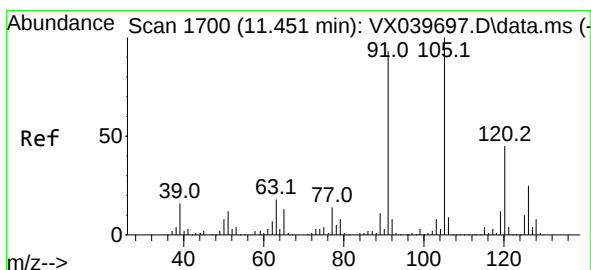
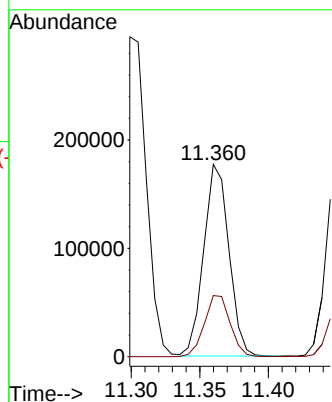
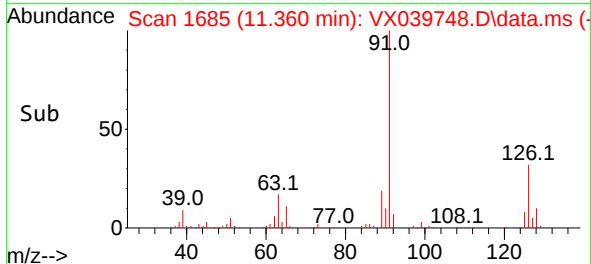
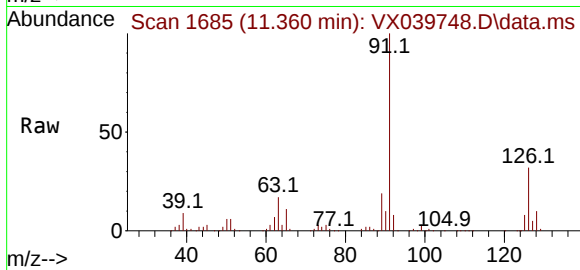
#79
2-Chlorotoluene
Concen: 48.575 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 225929
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.8

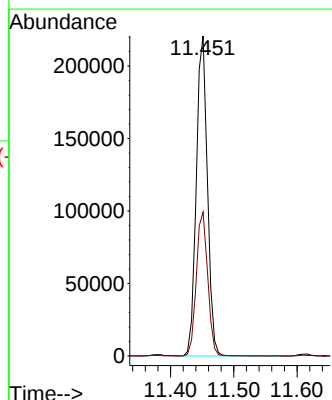
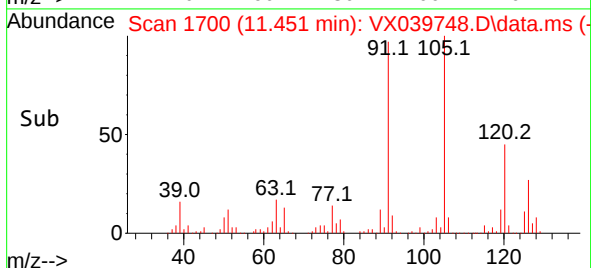
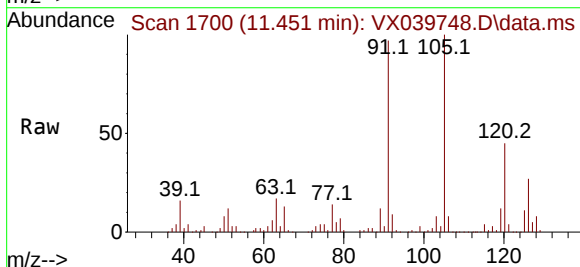
Manual Integrations
APPROVED

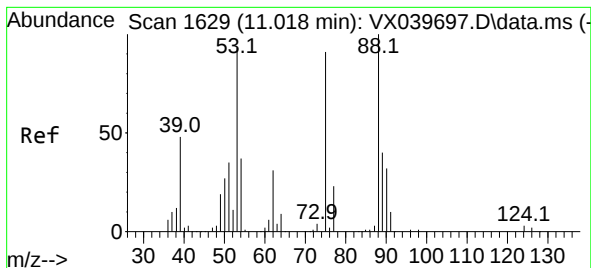
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.189 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

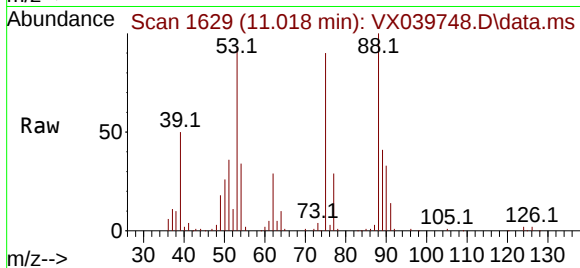
Tgt Ion:105 Resp: 270317
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 53.690 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

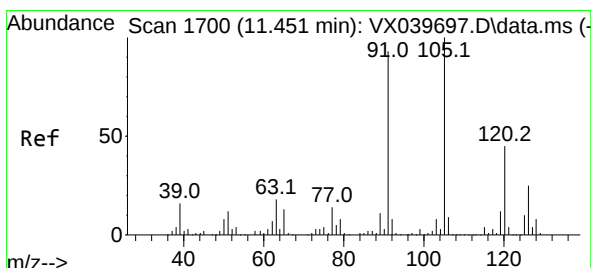
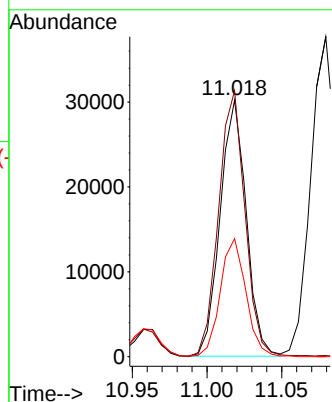
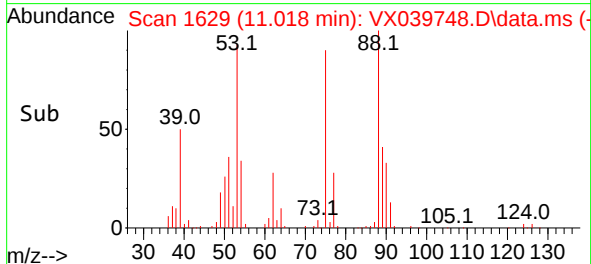
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 36690
Ion Ratio Lower Upper
75 100
53 105.3 90.5 135.7
89 45.3 36.9 55.3

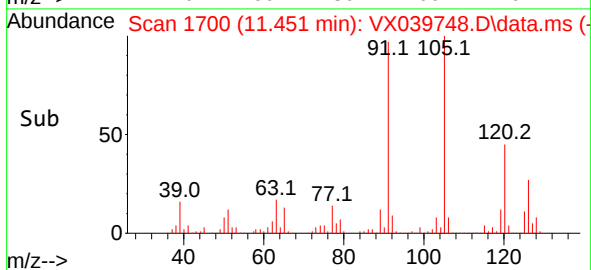
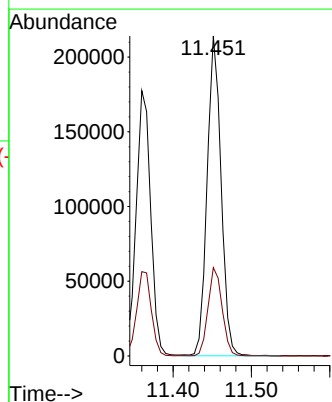
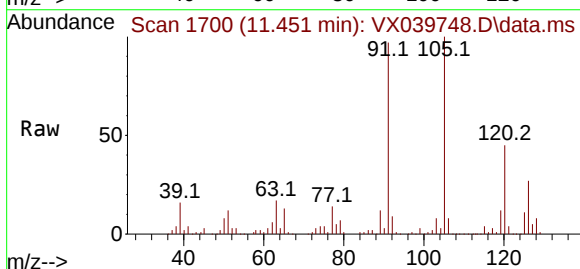
Manual Integrations
APPROVED

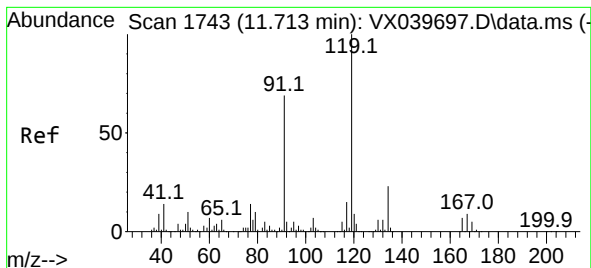
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#82
4-Chlorotoluene
Concen: 49.981 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

Tgt Ion: 91 Resp: 263687
Ion Ratio Lower Upper
91 100
126 28.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 51.771 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 26100

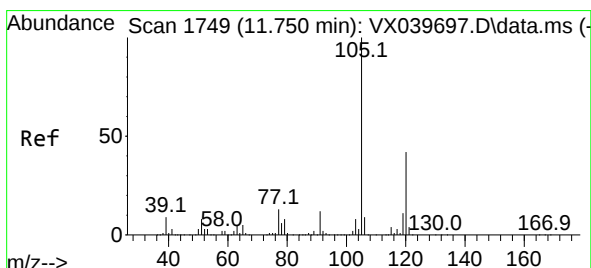
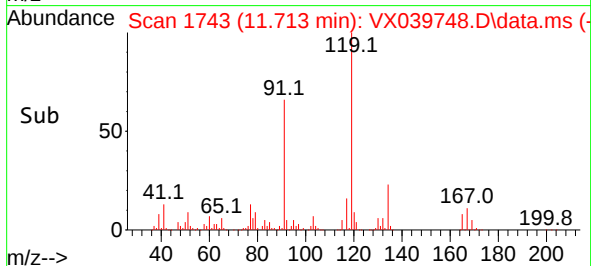
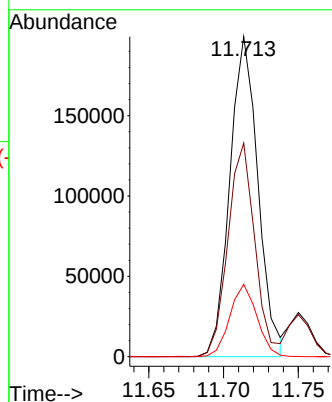
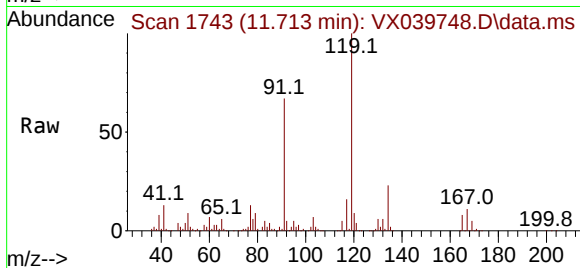
Ion	Ratio	Lower	Upper
119	100		
91	64.2	31.2	93.6
134	21.7	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#84

1,2,4-Trimethylbenzene

Concen: 52.091 ug/l

RT: 11.750 min Scan# 1749

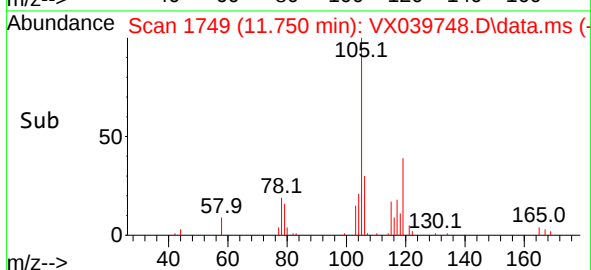
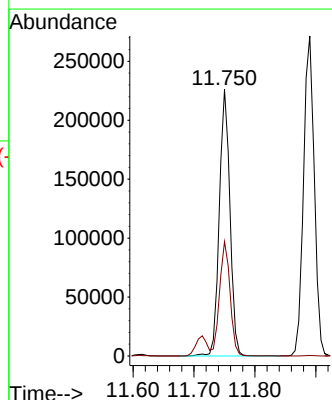
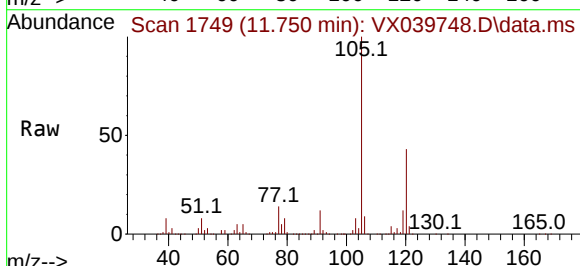
Delta R.T. 0.000 min

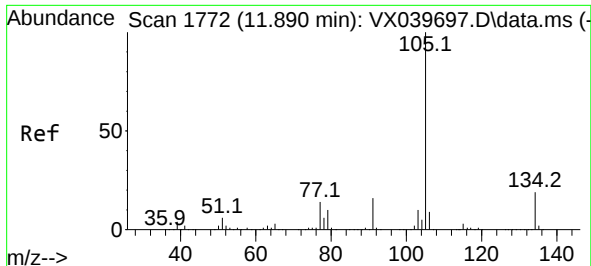
Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Tgt Ion:105 Resp: 274435

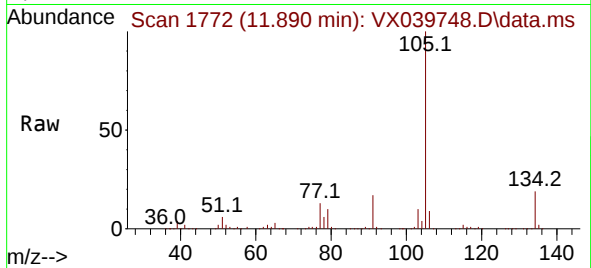
Ion	Ratio	Lower	Upper
105	100		
120	42.6	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 50.893 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039748.D
 Acq: 15 Jan 2024 11:41

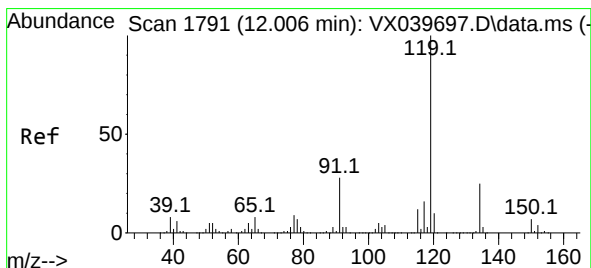
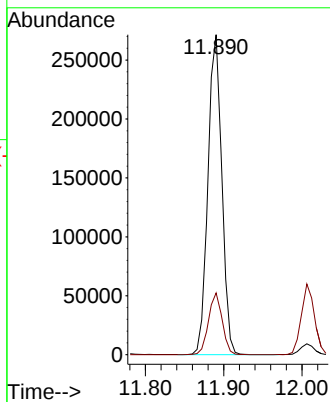
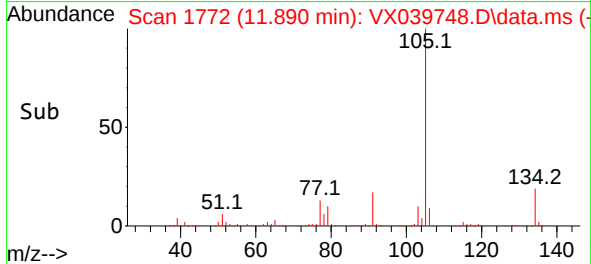
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



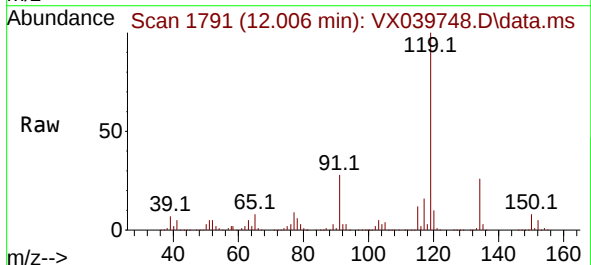
Tgt Ion:105 Resp: 33306
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

Manual Integrations
 APPROVED

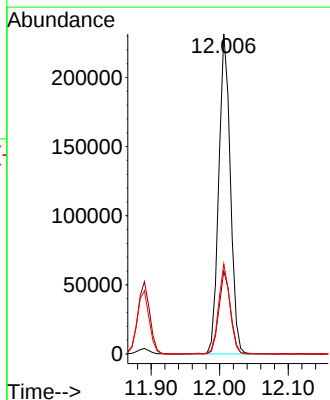
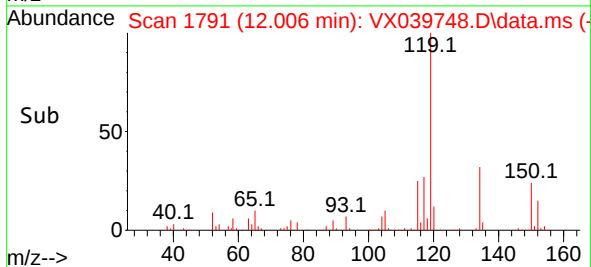
Reviewed By :John Carlone 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024

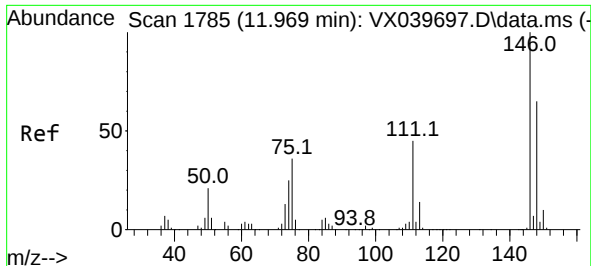


#86
 p-Isopropyltoluene
 Concen: 51.759 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039748.D
 Acq: 15 Jan 2024 11:41



Tgt Ion:119 Resp: 270731
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 27.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.281 ug/l

RT: 11.970 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 136080

Ion Ratio Lower Upper

146 100

111 44.2 22.1 66.1

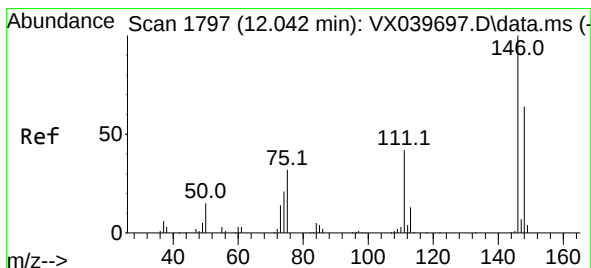
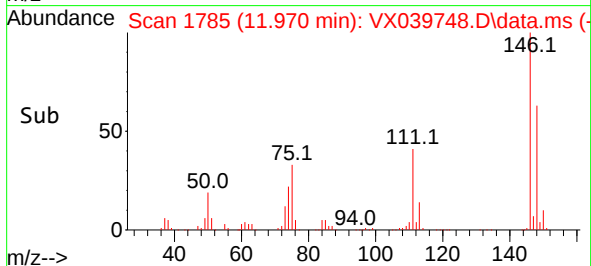
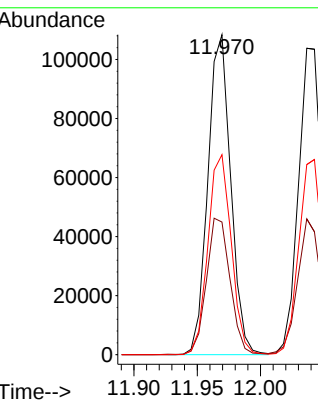
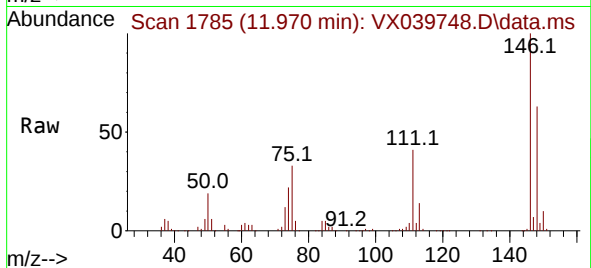
148 63.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#88

1,4-Dichlorobenzene

Concen: 49.810 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

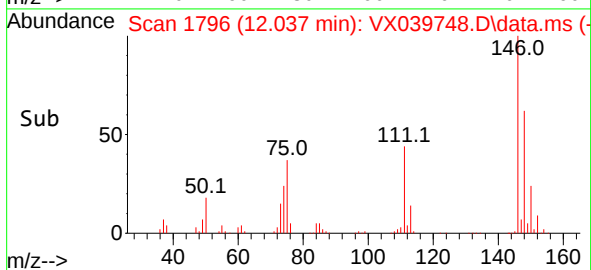
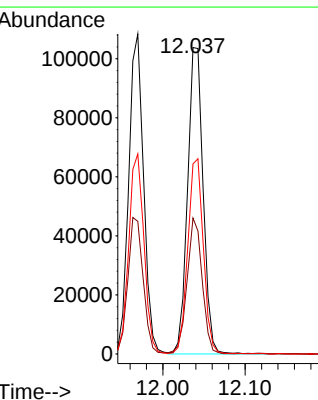
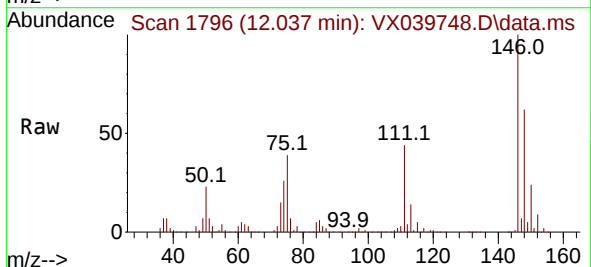
Tgt Ion:146 Resp: 136521

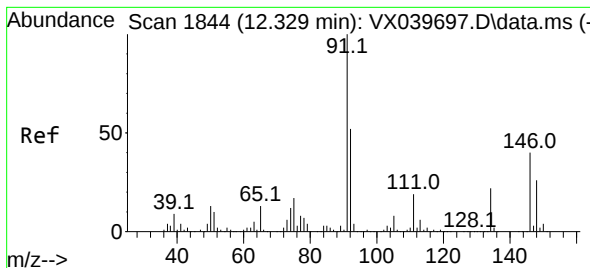
Ion Ratio Lower Upper

146 100

111 43.1 21.3 63.7

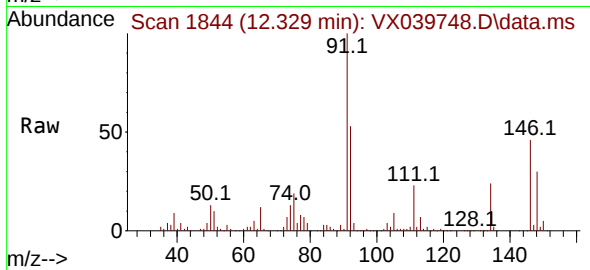
148 63.5 31.8 95.4





#89
n-Butylbenzene
Concen: 48.934 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

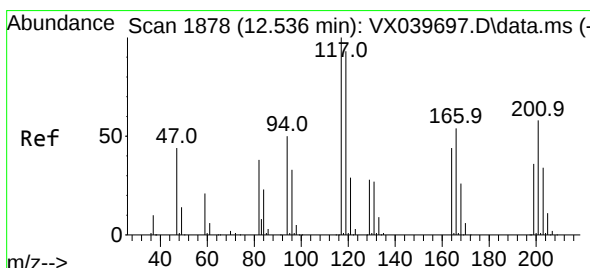
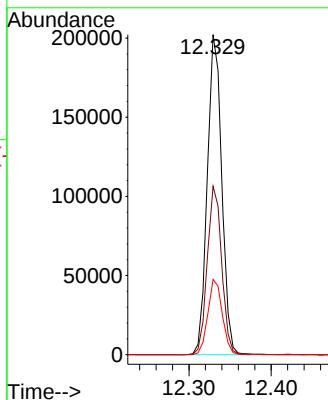
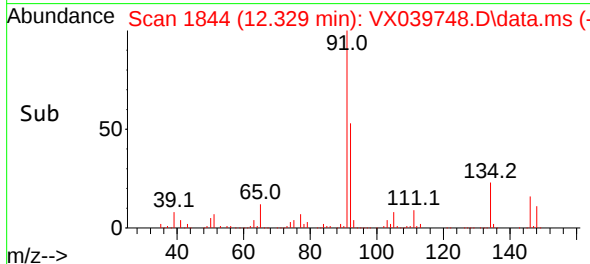
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 24721
Ion Ratio Lower Upper
91 100
92 52.4 27.4 82.0
134 23.4 12.6 37.8

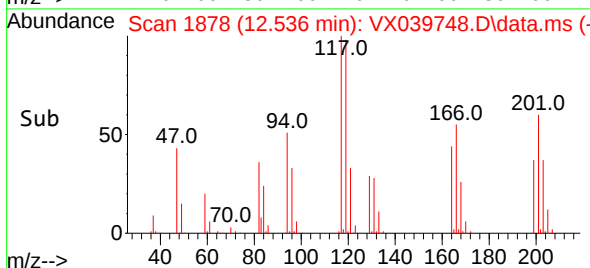
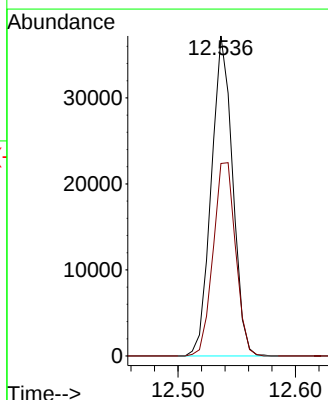
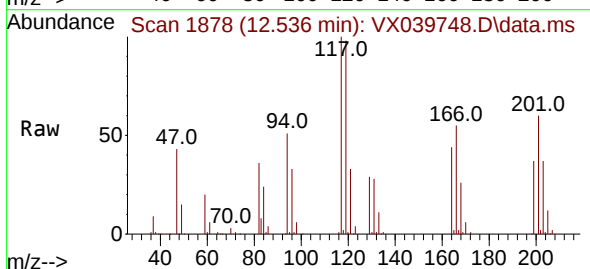
Manual Integrations
APPROVED

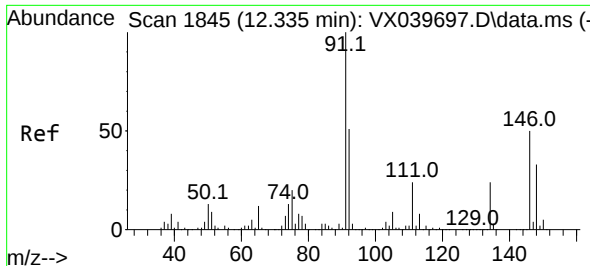
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#90
Hexachloroethane
Concen: 53.124 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

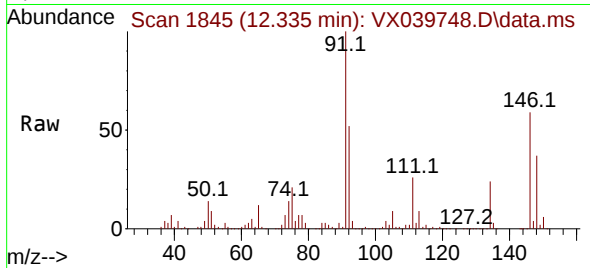
Tgt Ion:117 Resp: 46877
Ion Ratio Lower Upper
117 100
201 63.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.757 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

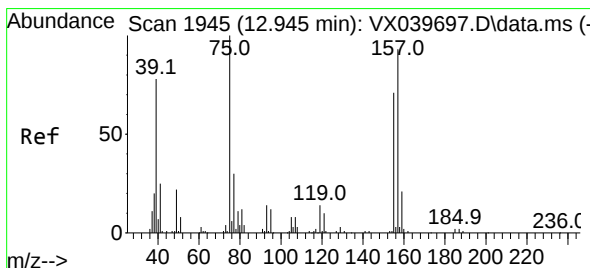
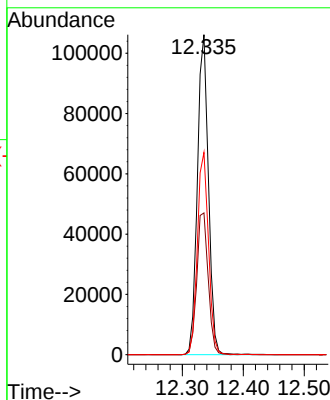
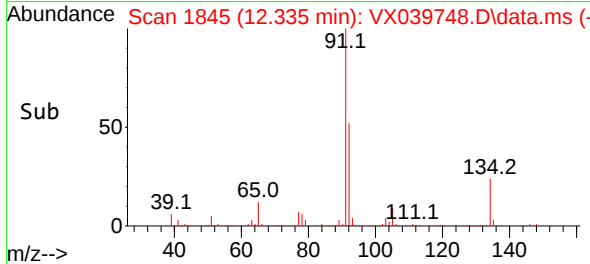
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



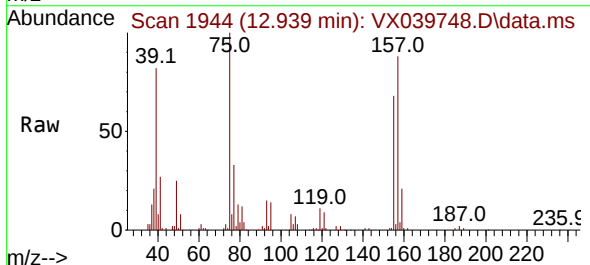
Tgt Ion:146 Resp: 133162
Ion Ratio Lower Upper
146 100
111 45.8 22.4 67.0
148 63.6 31.6 95.0

Manual Integrations
APPROVED

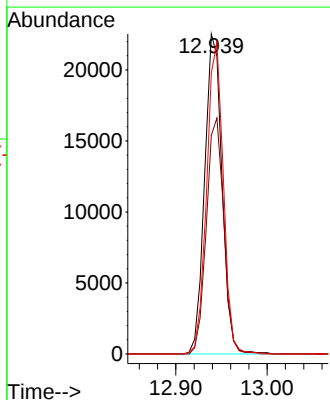
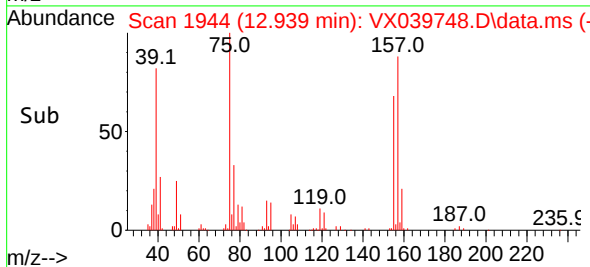
Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024

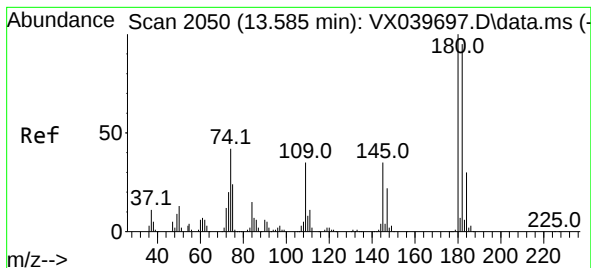


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.008 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41



Tgt Ion: 75 Resp: 29676
Ion Ratio Lower Upper
75 100
155 74.0 36.1 108.5
157 93.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.438 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

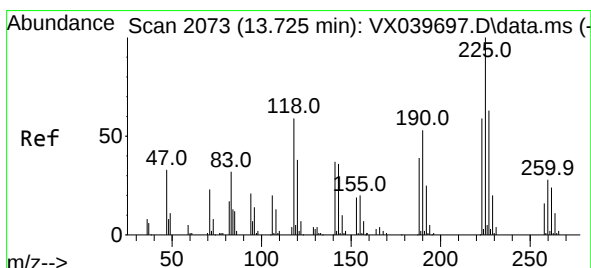
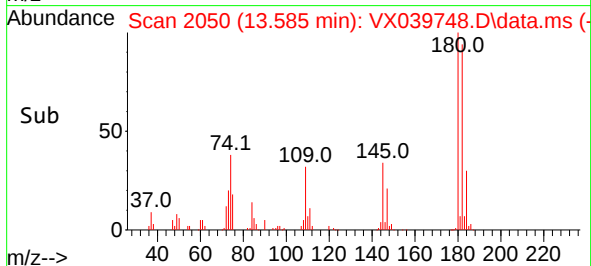
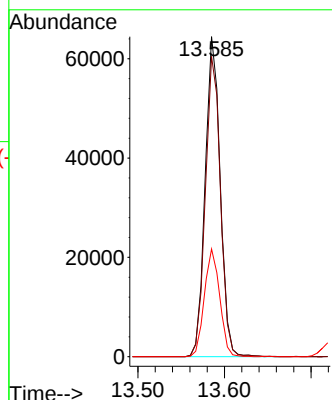
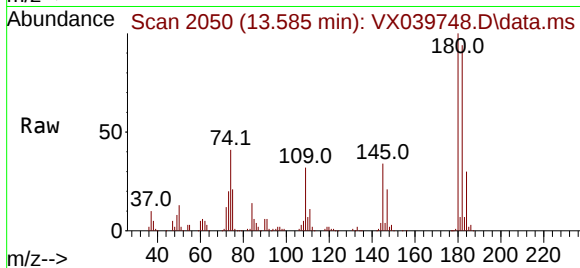
Tgt Ion:180	Resp:	77659
Ion Ratio	Lower	Upper
180	100	
182	94.4	48.3 144.8
145	34.3	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2024

Supervised By :Mahesh Dadoda 01/16/2024



#94

Hexachlorobutadiene

Concen: 48.976 ug/l

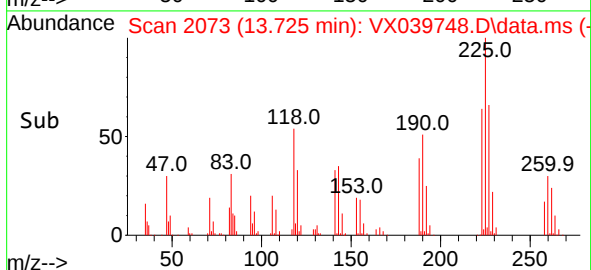
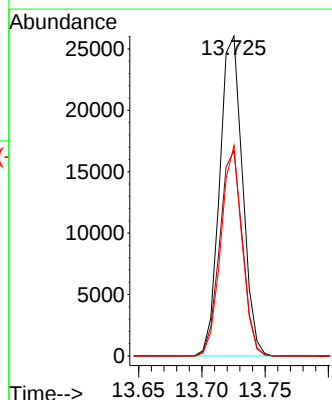
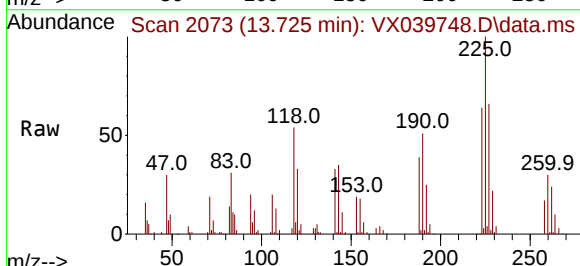
RT: 13.725 min Scan# 2073

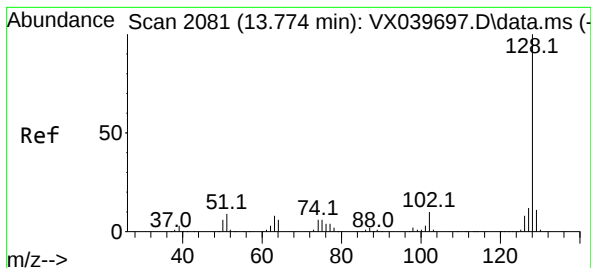
Delta R.T. 0.000 min

Lab File: VX039748.D

Acq: 15 Jan 2024 11:41

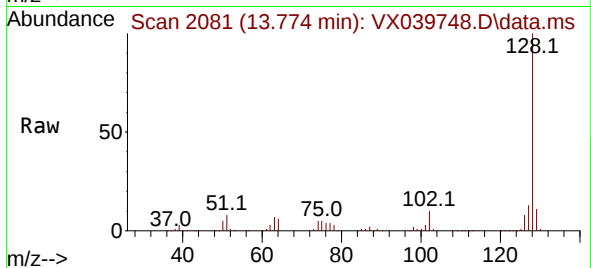
Tgt Ion:225	Resp:	32641
Ion Ratio	Lower	Upper
225	100	
223	64.1	31.1 93.2
227	60.8	32.5 97.5





#95
Naphthalene
Concen: 51.090 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41

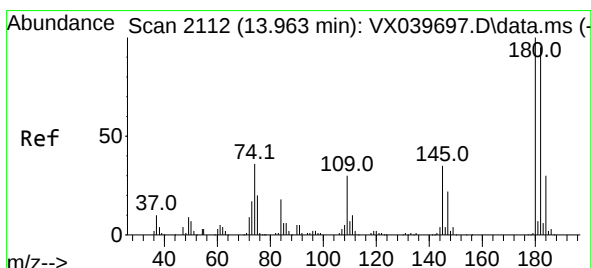
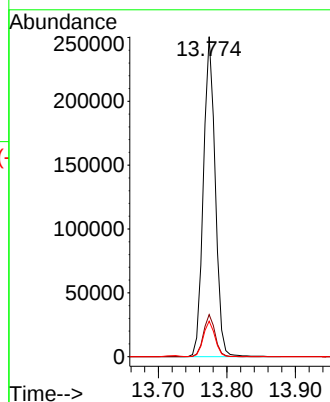
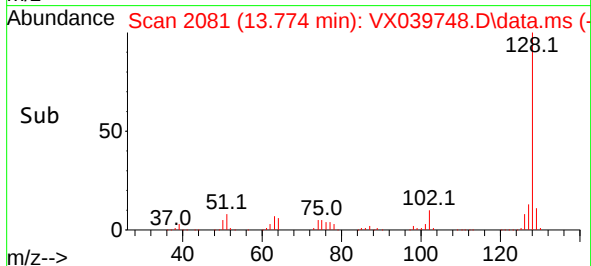
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



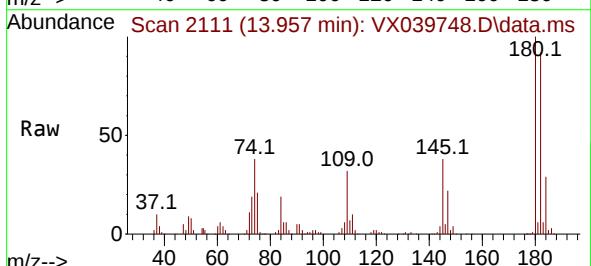
Tgt Ion:128 Resp: 301540
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/16/2024
Supervised By :Mahesh Dadoda 01/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.577 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX039748.D
Acq: 15 Jan 2024 11:41



Tgt Ion:180 Resp: 80221
Ion Ratio Lower Upper
180 100
182 93.1 46.9 140.6
145 36.4 17.8 53.5

