

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011824\
 Data File : VX039805.D
 Acq On : 18 Jan 2024 09:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 19 00:34:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	88597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154108	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74142	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	64974	43.779	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.560%
35) Dibromofluoromethane	5.379	113	50250	48.411	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.820%
50) Toluene-d8	8.647	98	184130	47.034	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.060%
62) 4-Bromofluorobenzene	11.079	95	76195	49.772	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55100	48.068	ug/l	98
3) Chloromethane	1.294	50	58843	44.949	ug/l	99
4) Vinyl Chloride	1.373	62	59952	48.526	ug/l	97
5) Bromomethane	1.599	94	40161	56.971	ug/l	97
6) Chloroethane	1.684	64	37371	53.210	ug/l	96
7) Trichlorofluoromethane	1.886	101	96486	54.138	ug/l	99
8) Diethyl Ether	2.129	74	34459	52.320	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	59861	54.177	ug/l	98
10) Methyl Iodide	2.453	142	64165	55.048	ug/l	94
11) Tert butyl alcohol	2.952	59	81108	209.943	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	55845	52.371	ug/l	95
13) Acrolein	2.233	56	50461	209.910	ug/l	100
14) Allyl chloride	2.660	41	104111	49.606	ug/l	99
15) Acrylonitrile	3.056	53	187085	234.435	ug/l	98
16) Acetone	2.373	43	210861	252.630	ug/l	94
17) Carbon Disulfide	2.514	76	158482	51.709	ug/l	99
18) Methyl Acetate	2.696	43	86697	49.649	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	194395	51.350	ug/l	99
20) Methylene Chloride	2.788	84	63731	50.480	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	60141	53.594	ug/l	99
22) Diisopropyl ether	3.757	45	206649	51.596	ug/l	91
23) Vinyl Acetate	3.715	43	968660	260.183	ug/l	99
24) 1,1-Dichloroethane	3.605	63	114578	52.001	ug/l	99
25) 2-Butanone	4.544	43	283548	236.395	ug/l	100
26) 2,2-Dichloropropane	4.470	77	92598	52.362	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	68790	53.448	ug/l	98
28) Bromochloromethane	4.891	49	48548	48.608	ug/l	98
29) Tetrahydrofuran	4.989	42	179863	232.974	ug/l	100
30) Chloroform	5.086	83	118167	54.326	ug/l	96
31) Cyclohexane	5.464	56	100957	51.543	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	100960	54.216	ug/l	99
36) 1,1-Dichloropropene	5.684	75	86112	53.298	ug/l	99
37) Ethyl Acetate	4.702	43	105485	48.939	ug/l	99
38) Carbon Tetrachloride	5.671	117	85208	57.582	ug/l	98
39) Methylcyclohexane	7.372	83	107461	55.389	ug/l	99
40) Benzene	6.031	78	250957	54.854	ug/l	99

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Quant Time: Jan 19 00:34:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	54249	51.469	ug/l	92
42) 1,2-Dichloroethane	6.080	62	96553	55.512	ug/l	99
43) Isopropyl Acetate	6.330	43	167807	53.072	ug/l	99
44) Trichloroethene	7.122	130	63859	56.955	ug/l	97
45) 1,2-Dichloropropane	7.427	63	67922	55.344	ug/l	99
46) Dibromomethane	7.574	93	48157	56.810	ug/l	97
47) Bromodichloromethane	7.817	83	91493	58.278	ug/l	99
48) Methyl methacrylate	7.689	41	80620	51.873	ug/l	93
49) 1,4-Dioxane	7.653	88	28075	933.564	ug/l #	98
51) 4-Methyl-2-Pentanone	8.567	43	559356	256.863	ug/l	99
52) Toluene	8.714	92	156441	57.250	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	98428	59.084	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	105991	57.862	ug/l	99
55) 1,1,2-Trichloroethane	9.146	97	64006	55.015	ug/l	91
56) Ethyl methacrylate	9.110	69	104725	55.617	ug/l	97
57) 1,3-Dichloropropane	9.305	76	109498	55.538	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	189259	212.643	ug/l	96
59) 2-Hexanone	9.427	43	456582	264.919	ug/l	98
60) Dibromochloromethane	9.518	129	67486	61.509	ug/l	99
61) 1,2-Dibromoethane	9.604	107	70382	58.418	ug/l	99
64) Tetrachloroethene	9.268	164	53538	57.472	ug/l	96
65) Chlorobenzene	10.073	112	166205	55.707	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	60718	59.766	ug/l	98
67) Ethyl Benzene	10.189	91	313171	56.537	ug/l	97
68) m/p-Xylenes	10.299	106	231669	113.723	ug/l	95
69) o-Xylene	10.640	106	114405	56.709	ug/l	98
70) Styrene	10.652	104	189325	57.449	ug/l	99
71) Bromoform	10.799	173	47012	61.627	ug/l #	100
73) Isopropylbenzene	10.957	105	303155	51.357	ug/l	100
74) N-amyl acetate	10.841	43	156589	50.891	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	110246	48.910	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	120887	62.890	ug/l	89
77) Bromobenzene	11.195	156	68363	52.014	ug/l	97
78) n-propylbenzene	11.305	91	376627	52.716	ug/l	97
79) 2-Chlorotoluene	11.359	91	221280	50.112	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	262963	52.452	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	31713	49.334	ug/l	97
82) 4-Chlorotoluene	11.451	91	257481	51.407	ug/l	99
83) tert-Butylbenzene	11.713	119	252377	52.728	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	266210	53.223	ug/l	99
85) sec-Butylbenzene	11.890	105	337551	54.328	ug/l	99
86) p-Isopropyltoluene	12.006	119	275114	55.402	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	135750	53.882	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	136375	52.410	ug/l	99
89) n-Butylbenzene	12.329	91	271932	56.697	ug/l	96
90) Hexachloroethane	12.536	117	46375	55.357	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	131267	52.702	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	27153	49.160	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	82849	54.430	ug/l	98
94) Hexachlorobutadiene	13.725	225	37493	59.255	ug/l	99
95) Naphthalene	13.774	128	285857	51.015	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	80579	52.454	ug/l	98

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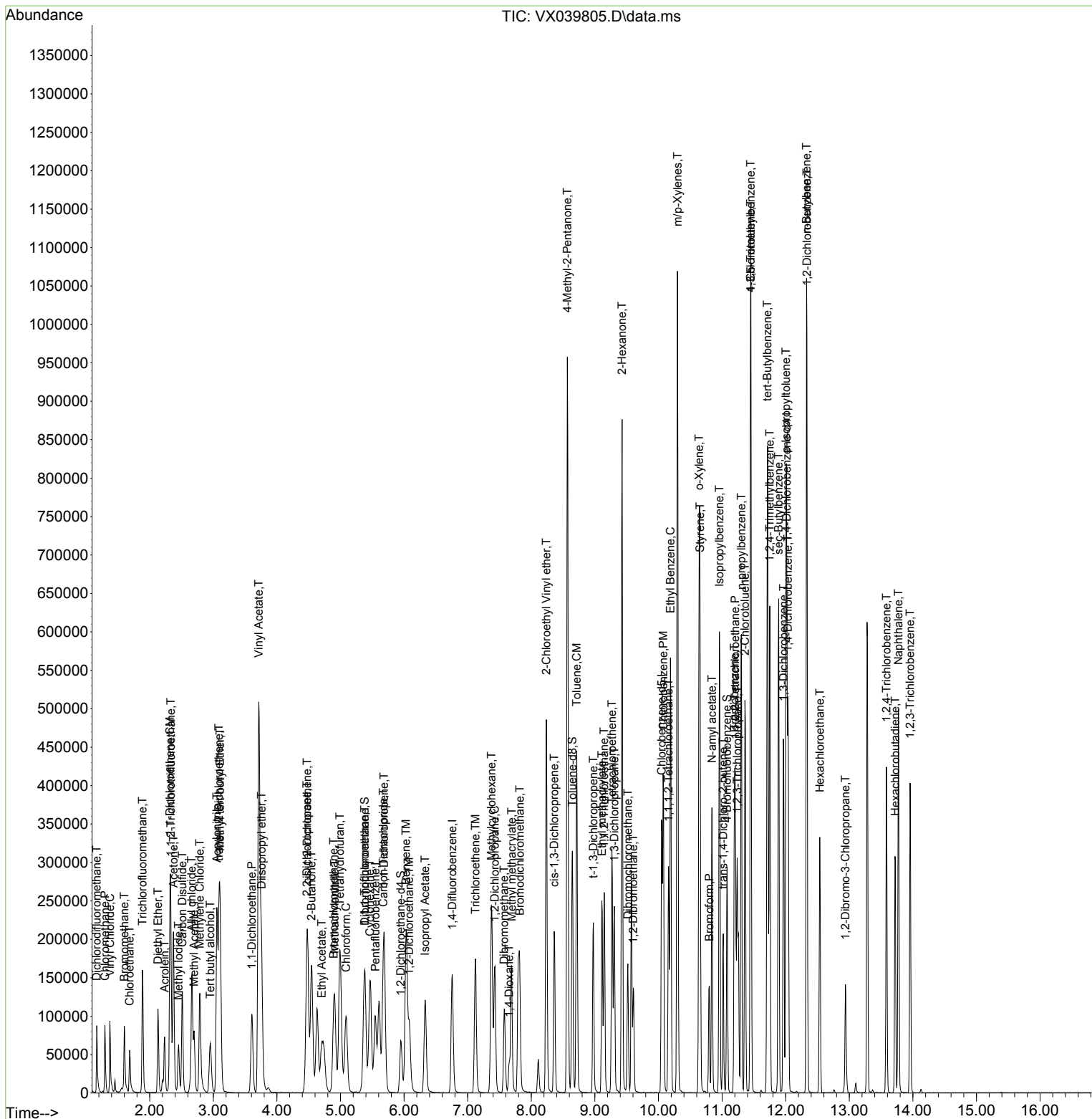
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

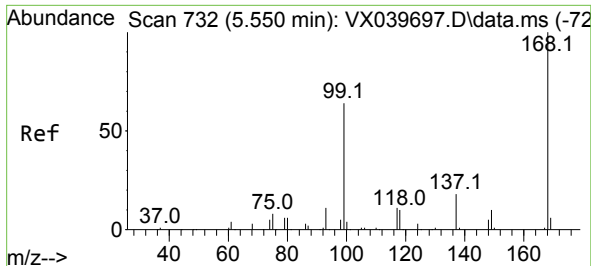
Quant Time: Jan 19 00:34:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

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

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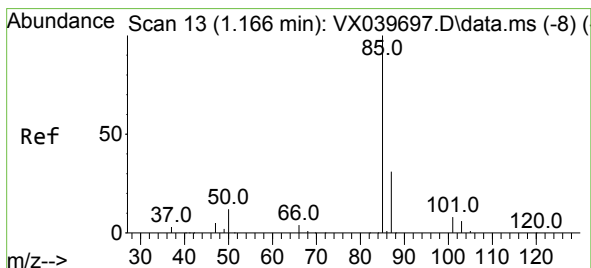
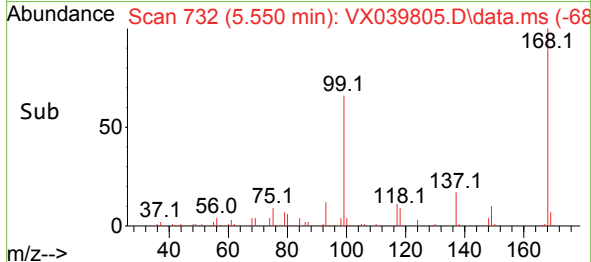
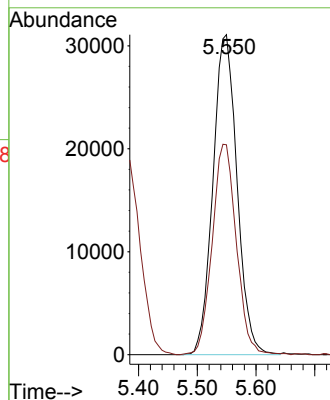
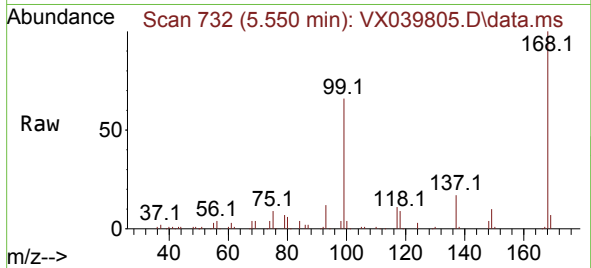




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039805.D
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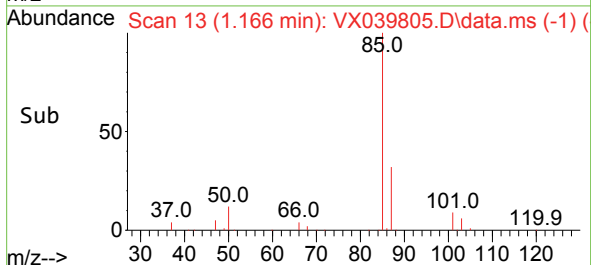
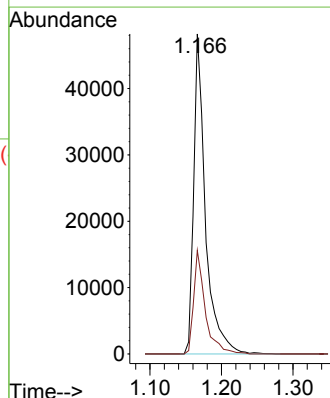
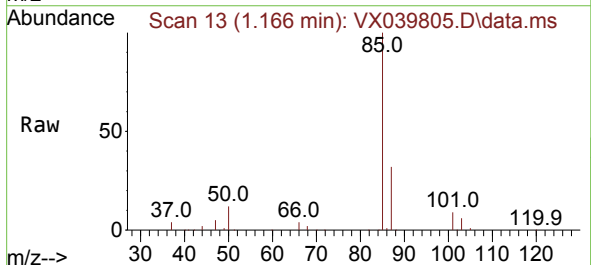
Instrument :
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VSTDCCC050

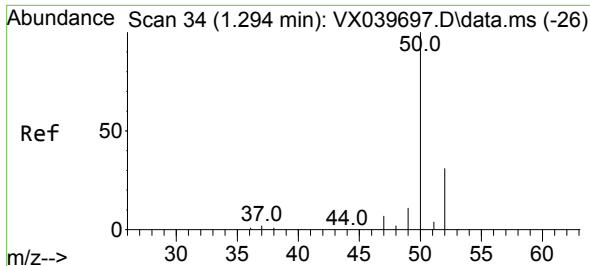
Tgt Ion:168 Resp: 88597
Ion Ratio Lower Upper
168 100
99 65.6 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 48.068 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion: 85 Resp: 55100
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1

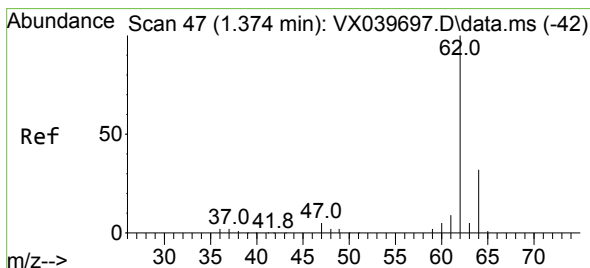
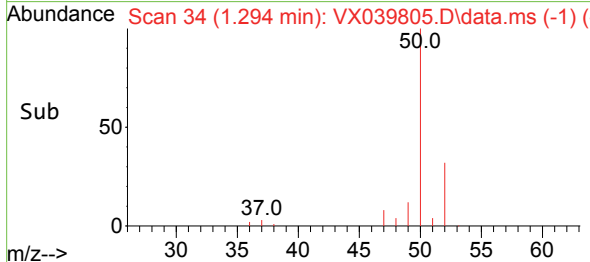
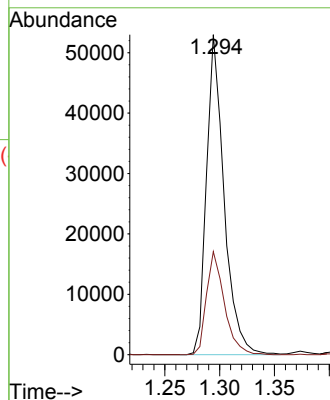
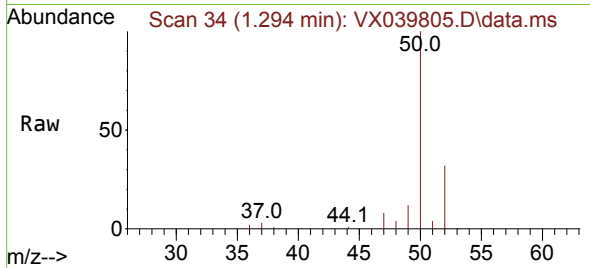




#3
Chloromethane
Concen: 44.949 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

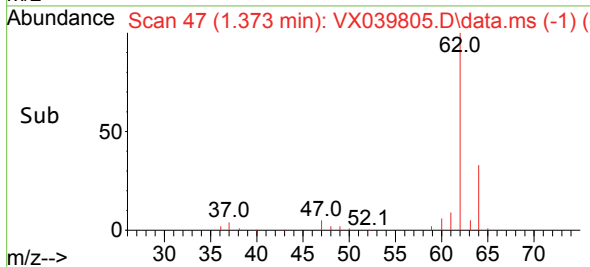
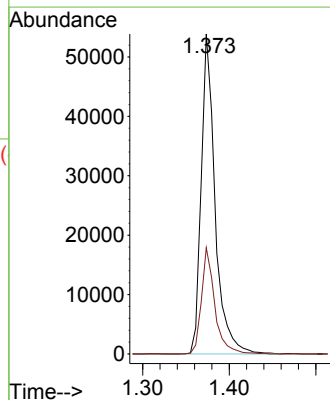
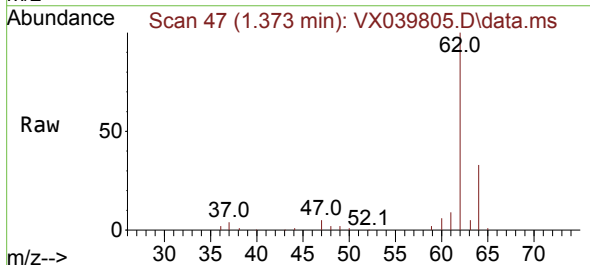
Instrument :
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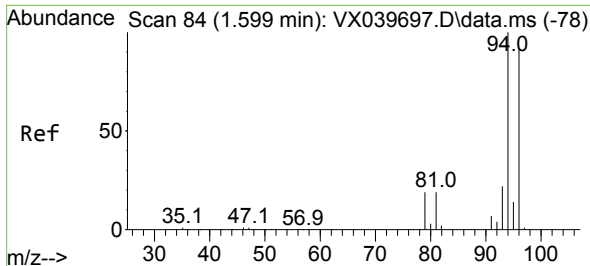
Tgt Ion: 50 Resp: 58843
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3



#4
Vinyl Chloride
Concen: 48.526 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion: 62 Resp: 59952
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0

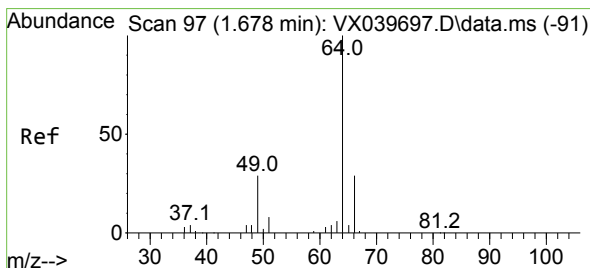
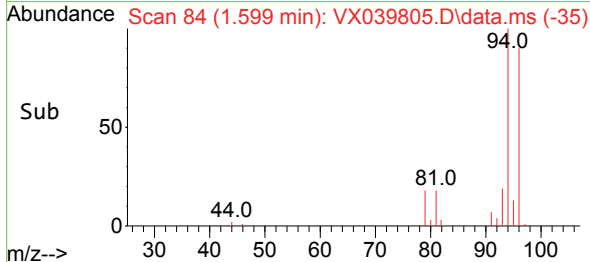
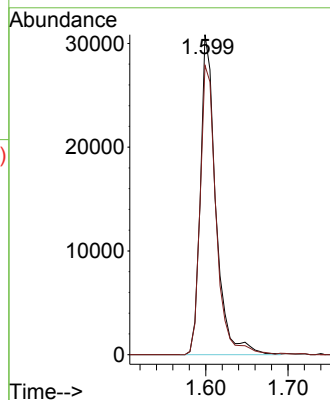
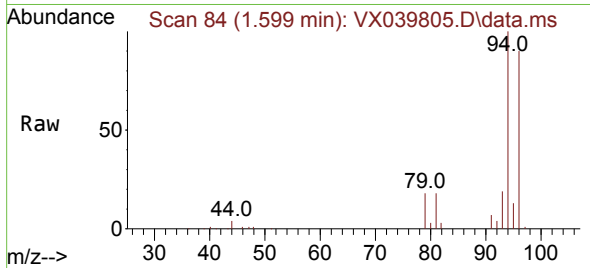




#5
Bromomethane
Concen: 56.971 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

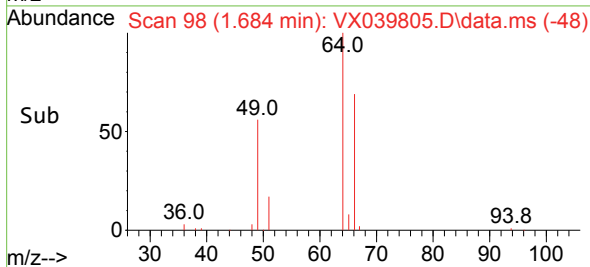
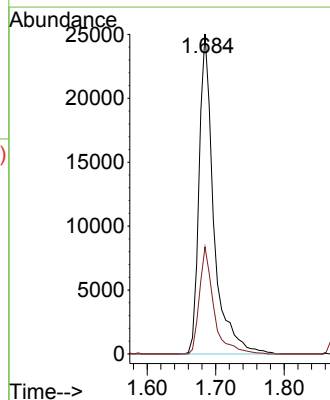
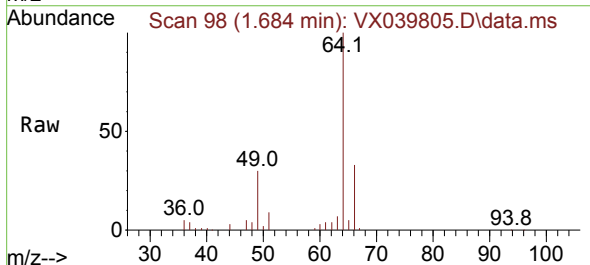
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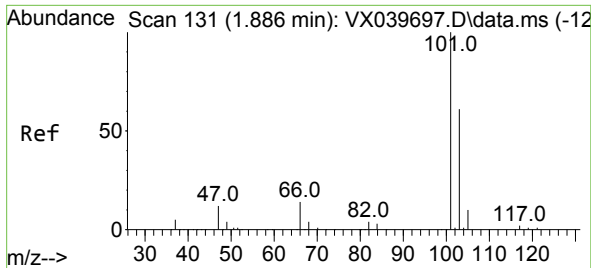
Tgt Ion: 94 Resp: 40161
Ion Ratio Lower Upper
94 100
96 90.4 74.6 111.8



#6
Chloroethane
Concen: 53.210 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion: 64 Resp: 37371
Ion Ratio Lower Upper
64 100
66 33.5 25.1 37.7

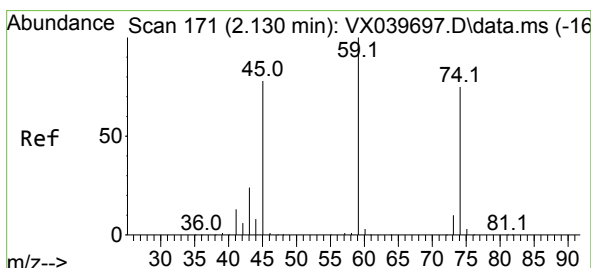
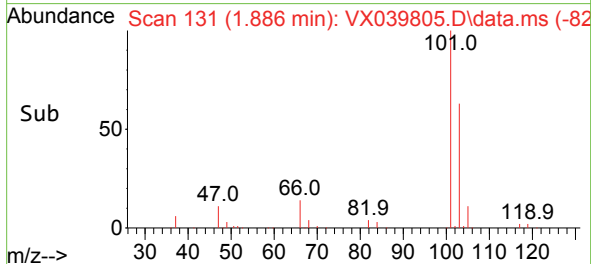
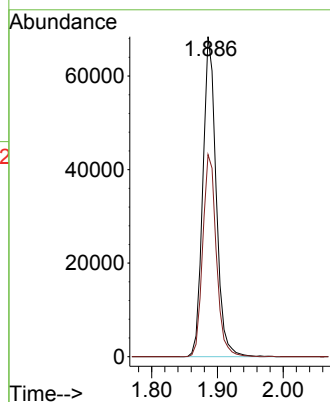
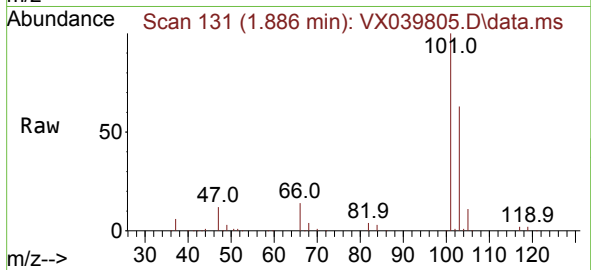




#7
 Trichlorofluoromethane
 Concen: 54.138 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX039805.D
 Acq: 18 Jan 2024 09:59

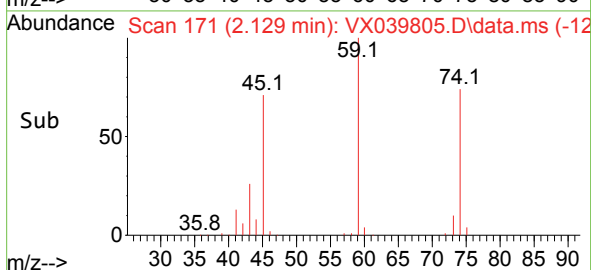
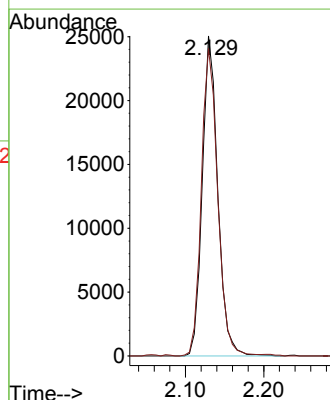
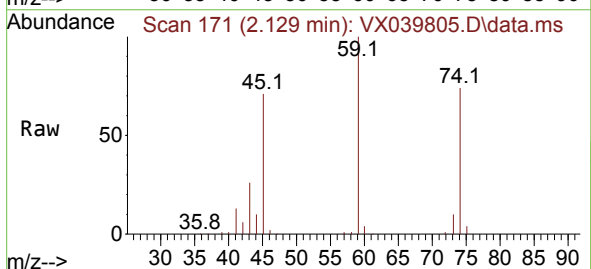
Instrument :
 MSVOA_X
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 VSTDCCC050

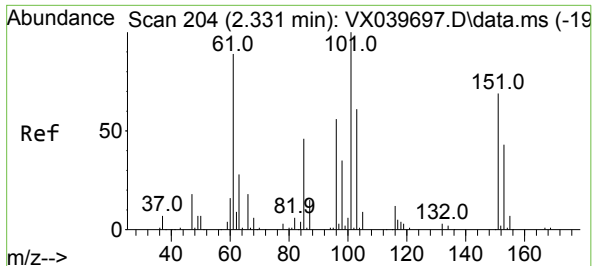
Tgt Ion:101 Resp: 96486
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.2



#8
 Diethyl Ether
 Concen: 52.320 ug/l
 RT: 2.129 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX039805.D
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Tgt Ion: 74 Resp: 34459
 Ion Ratio Lower Upper
 74 100
 45 101.3 53.3 159.8

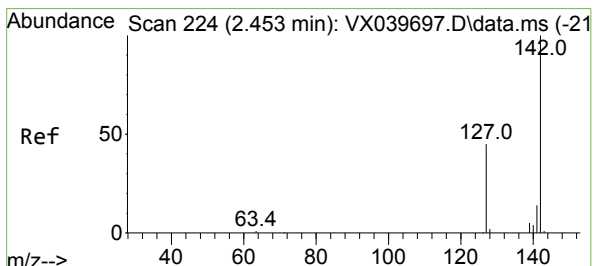
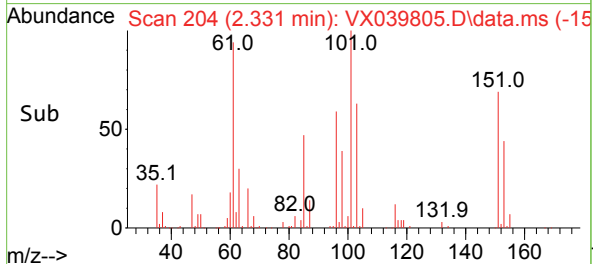
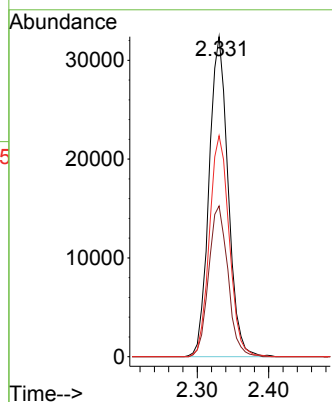
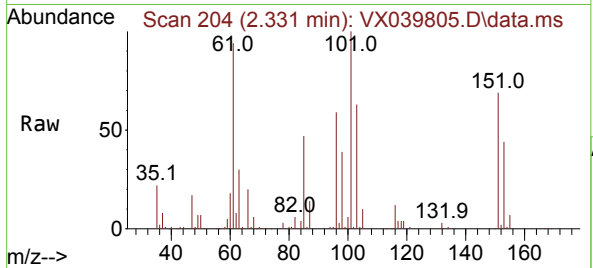




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.177 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

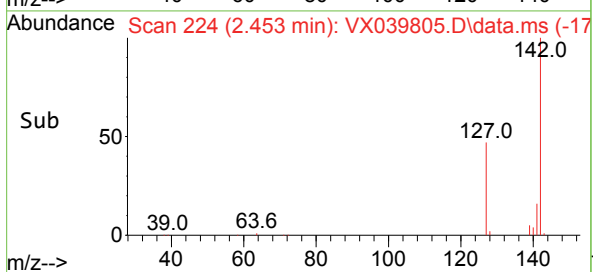
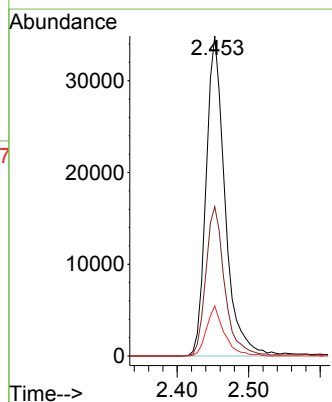
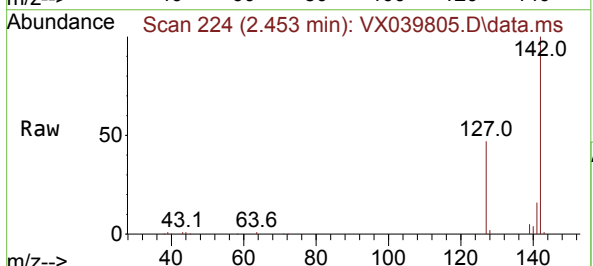
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

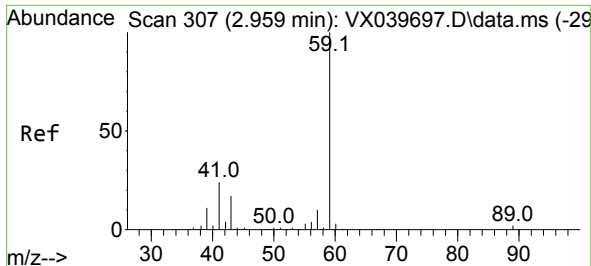
Tgt Ion:101 Resp: 59861
Ion Ratio Lower Upper
101 100
85 47.7 37.0 55.6
151 71.7 58.6 87.8



#10
Methyl Iodide
Concen: 55.048 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion:142 Resp: 64165
Ion Ratio Lower Upper
142 100
127 46.7 41.6 62.4
141 14.6 11.6 17.4

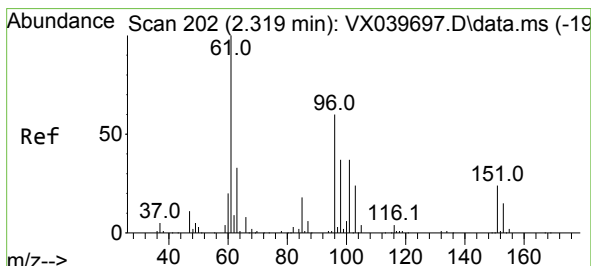
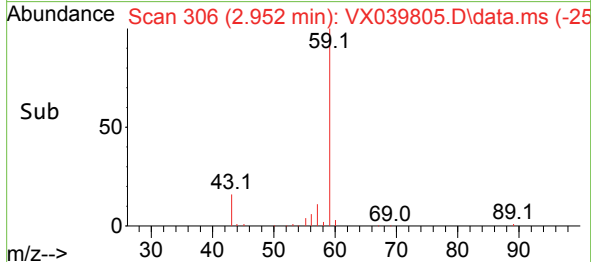
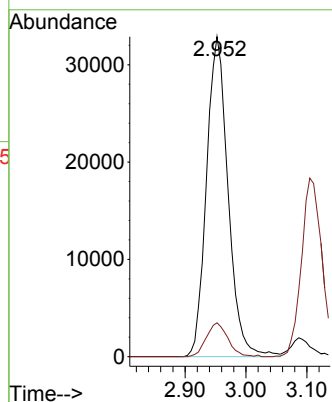
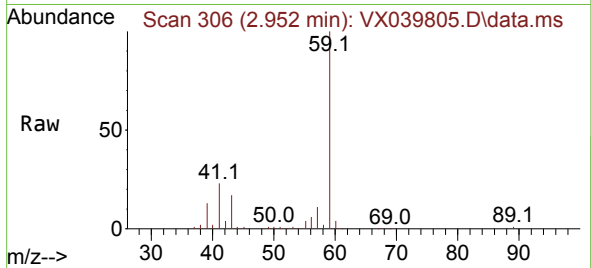




#11
Tert butyl alcohol
Concen: 209.943 ug/l
RT: 2.952 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

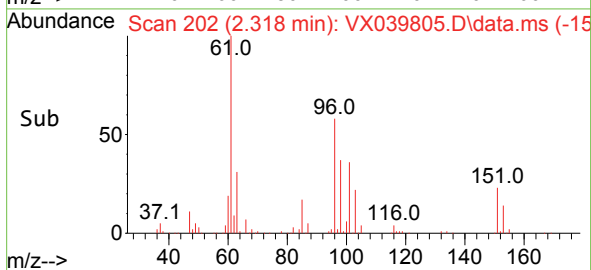
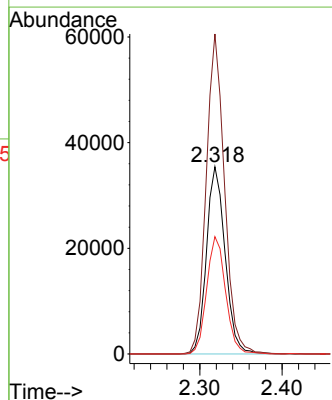
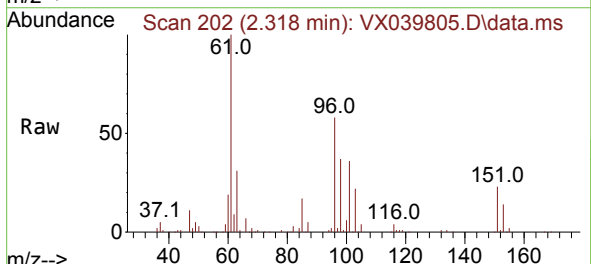
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

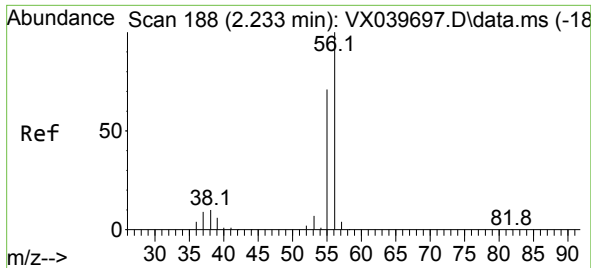
Tgt Ion: 59 Resp: 81108
Ion Ratio Lower Upper
59 100
57 10.6 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 52.371 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion: 96 Resp: 55845
Ion Ratio Lower Upper
96 100
61 170.9 144.6 216.8
98 62.6 50.4 75.6





#13

Acrolein

Concen: 209.910 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

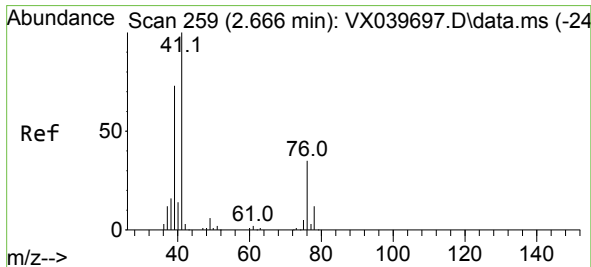
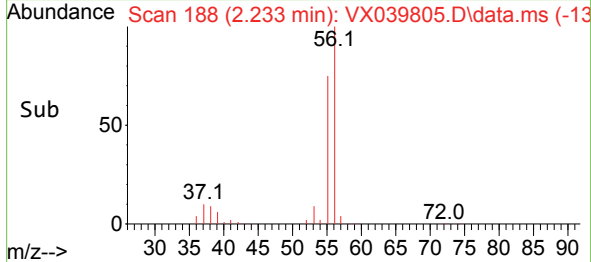
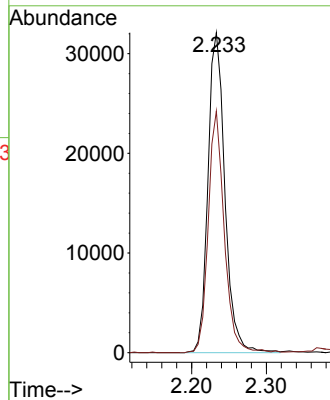
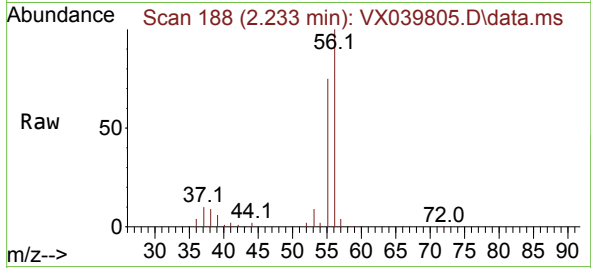
VSTDCCC050

Tgt Ion: 56 Resp: 50461

Ion Ratio Lower Upper

56 100

55 71.6 57.1 85.7



#14

Allyl chloride

Concen: 49.606 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

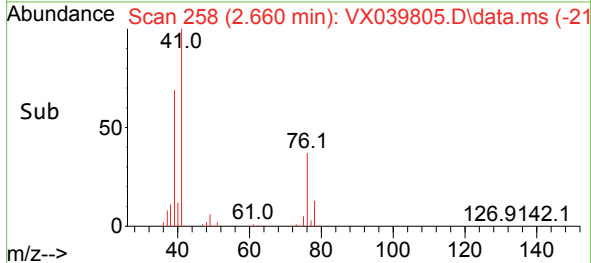
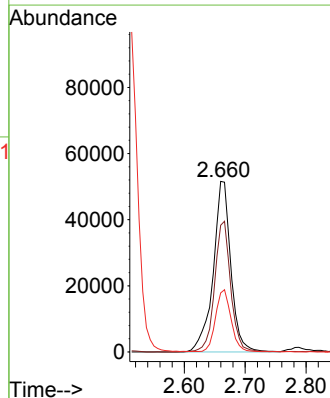
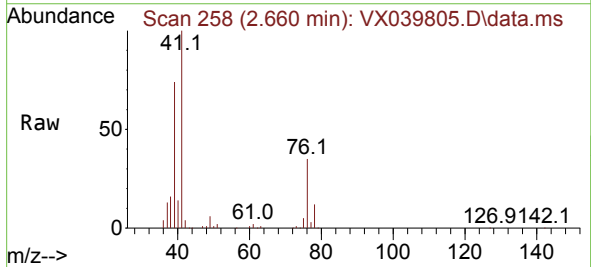
Tgt Ion: 41 Resp: 104111

Ion Ratio Lower Upper

41 100

39 69.7 55.8 83.6

76 31.7 24.3 36.5

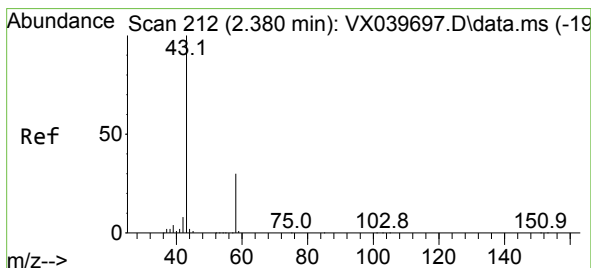
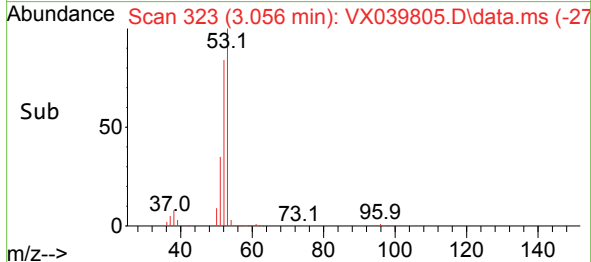
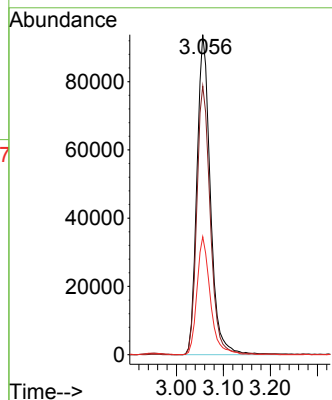
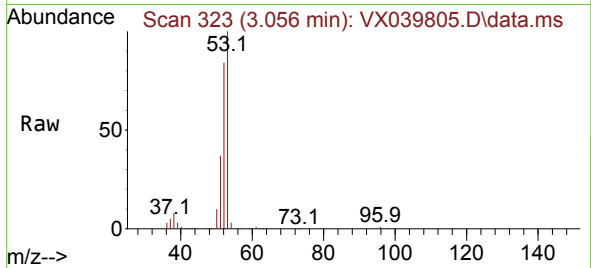




#15
Acrylonitrile
Concen: 234.435 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

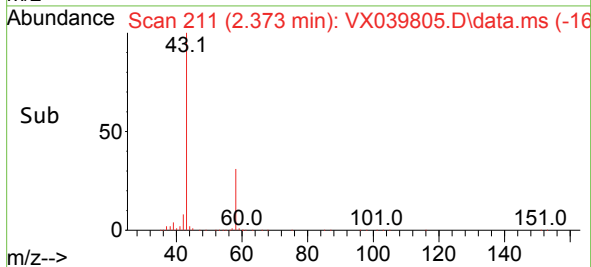
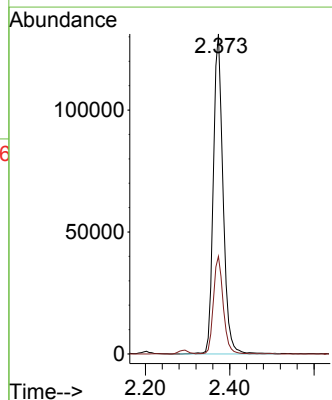
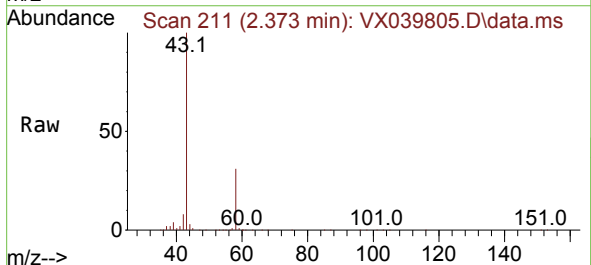
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

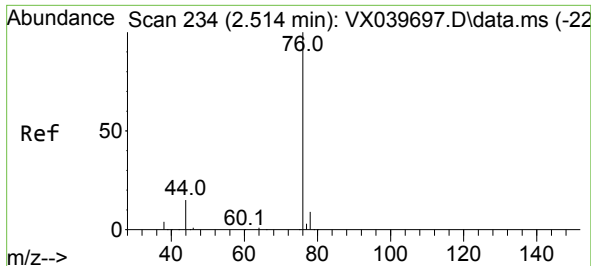
Tgt Ion: 53 Resp: 187085
Ion Ratio Lower Upper
53 100
52 84.2 66.0 99.0
51 36.7 29.8 44.6



#16
Acetone
Concen: 252.630 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

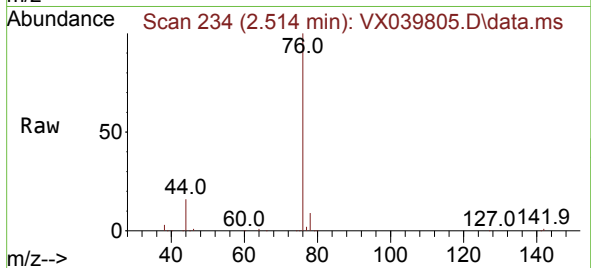
Tgt Ion: 43 Resp: 210861
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9



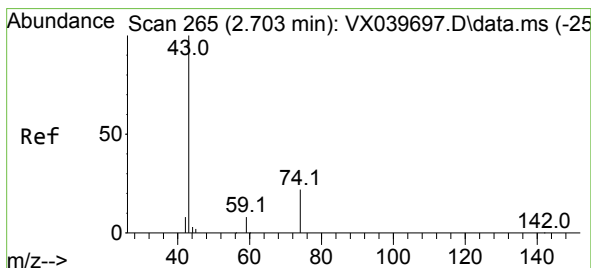
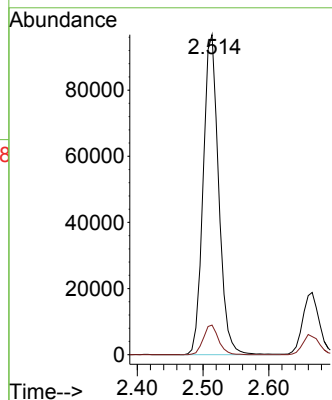
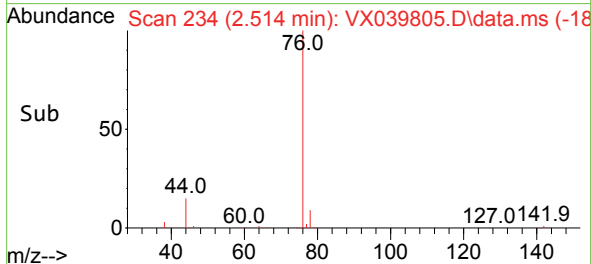


#17
Carbon Disulfide
Concen: 51.709 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

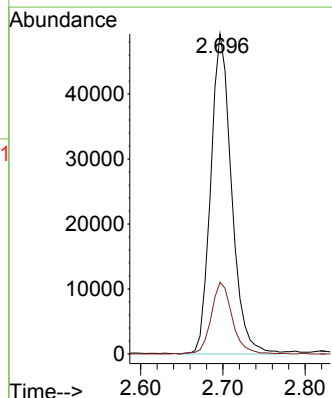
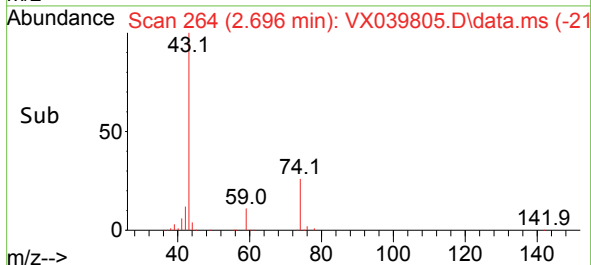
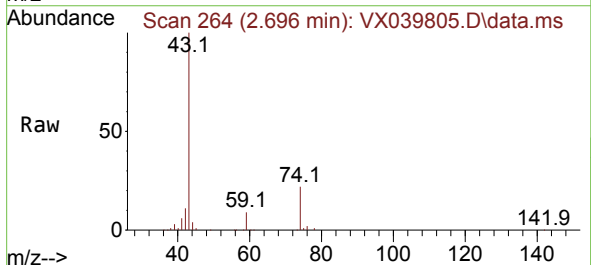


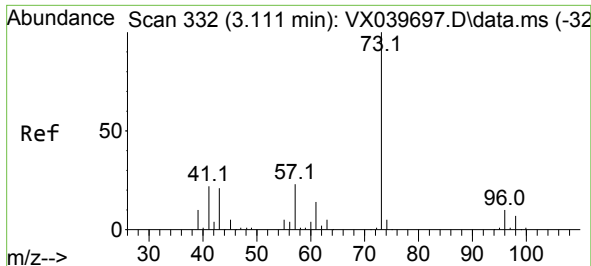
Tgt Ion: 76 Resp: 158482
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 49.649 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion: 43 Resp: 86697
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.8

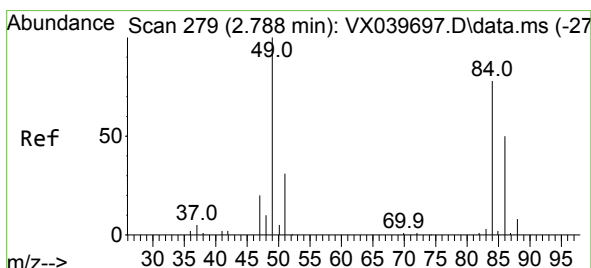
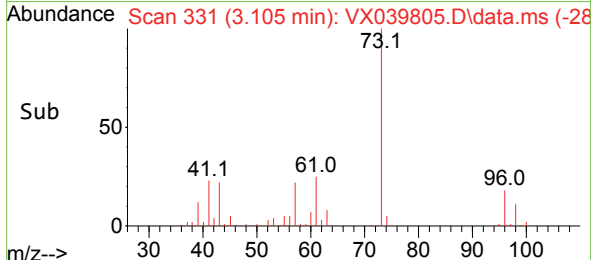
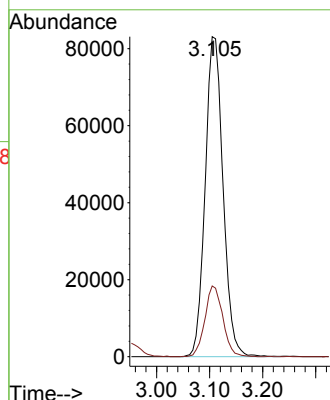
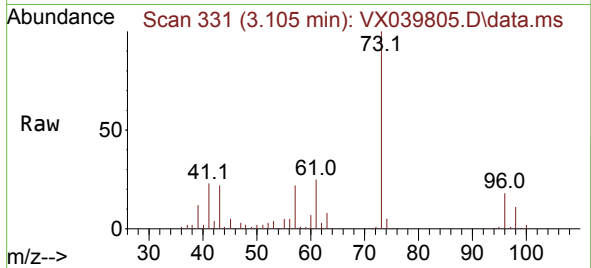




#19
Methyl tert-butyl Ether
Concen: 51.350 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

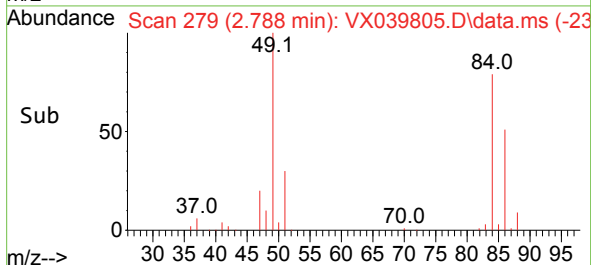
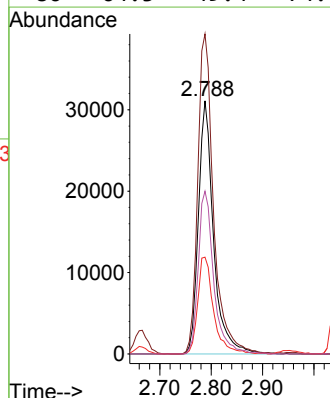
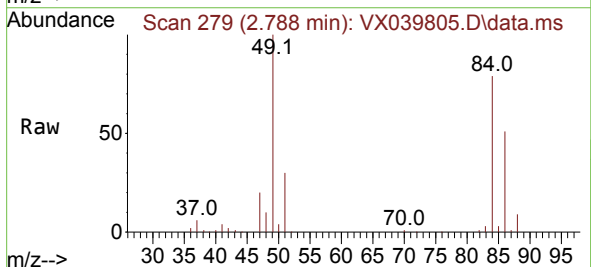
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 194395
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 50.480 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

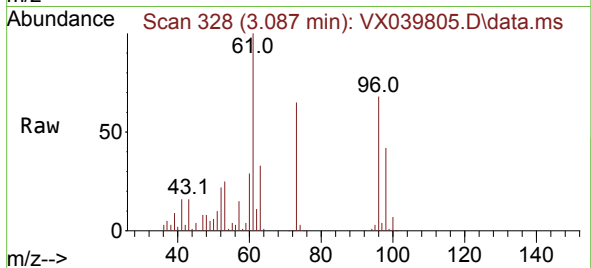
Tgt Ion: 84 Resp: 63731
Ion Ratio Lower Upper
84 100
49 126.5 103.6 155.4
51 38.3 33.8 50.6
86 64.3 49.4 74.0



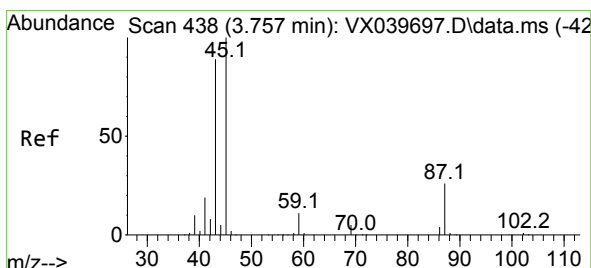
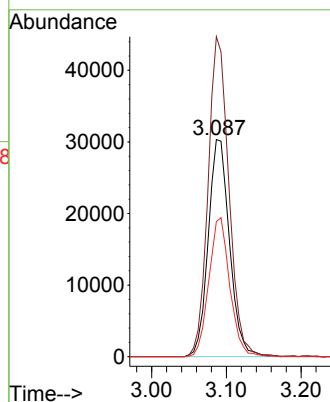
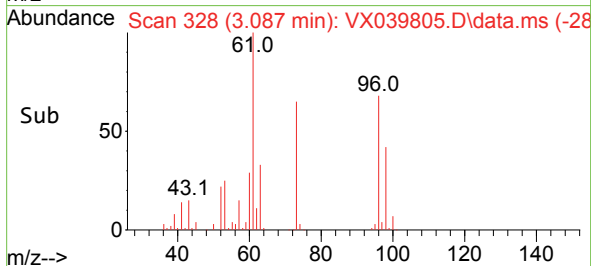


#21
trans-1,2-Dichloroethene
Concen: 53.594 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

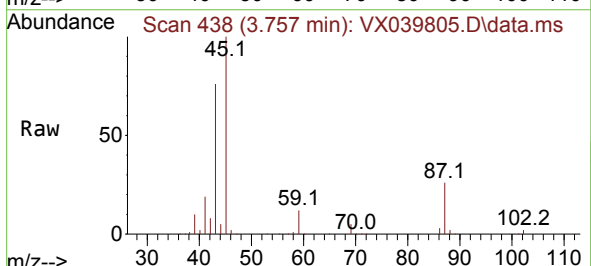
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



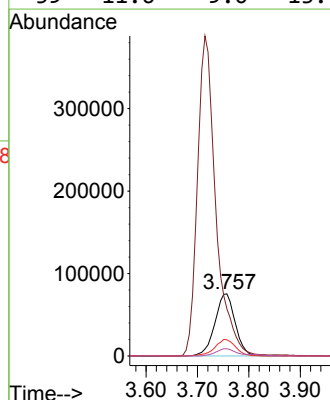
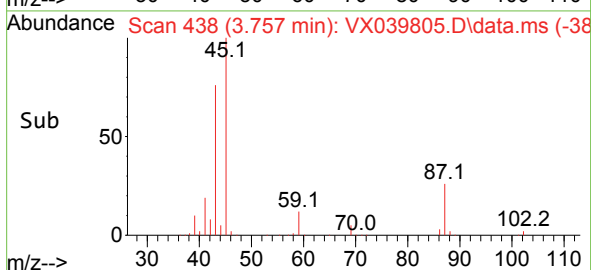
Tgt Ion: 96 Resp: 60141
Ion Ratio Lower Upper
96 100
61 147.4 119.2 178.8
98 62.2 48.7 73.1

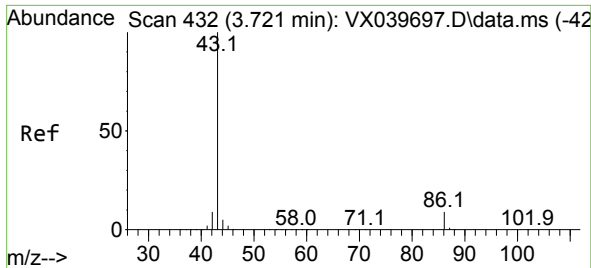


#22
Diisopropyl ether
Concen: 51.596 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59



Tgt Ion: 45 Resp: 206649
Ion Ratio Lower Upper
45 100
43 75.7 69.7 104.5
87 26.1 20.8 31.2
59 11.6 9.0 13.4

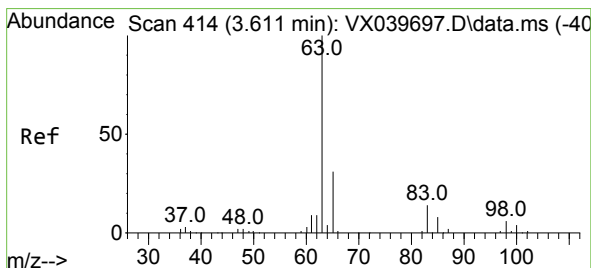
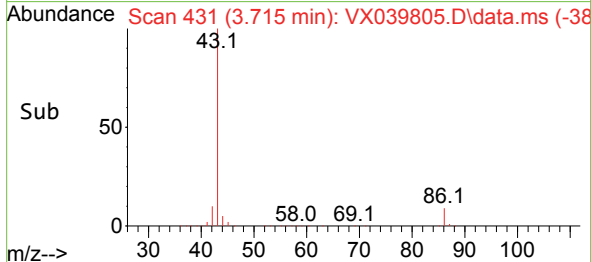
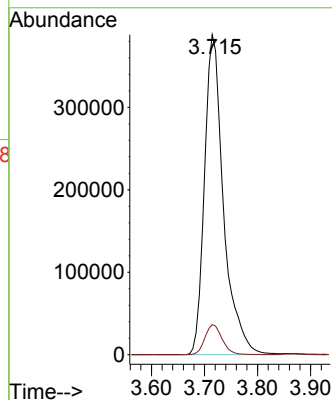
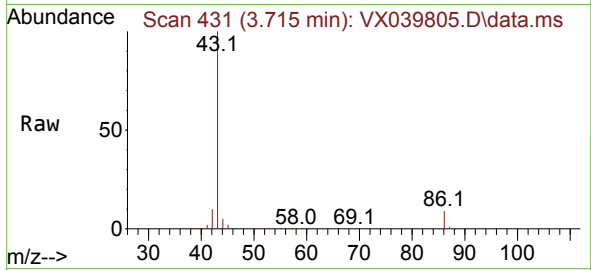




#23
 Vinyl Acetate
 Concen: 260.183 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039805.D
 Acq: 18 Jan 2024 09:59

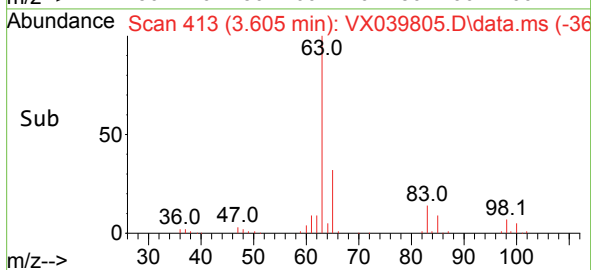
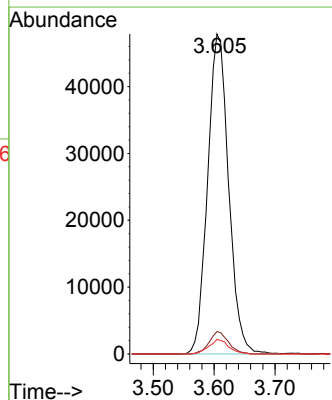
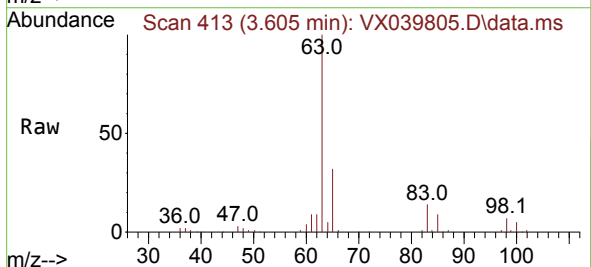
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

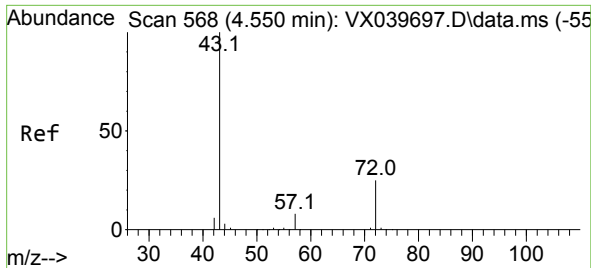
Tgt Ion: 43 Resp: 968660
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 52.001 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039805.D
 Acq: 18 Jan 2024 09:59

Tgt Ion: 63 Resp: 114578
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.6 2.1 6.5

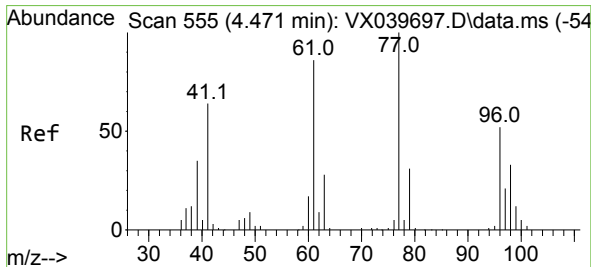
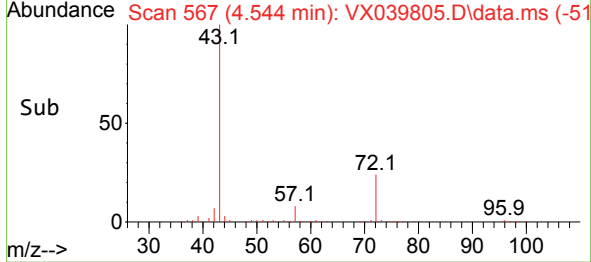
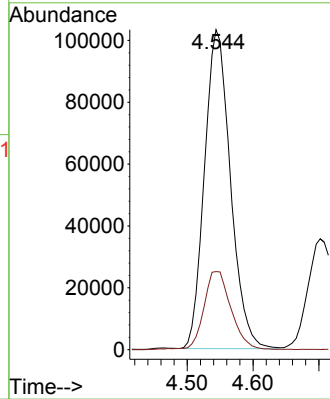
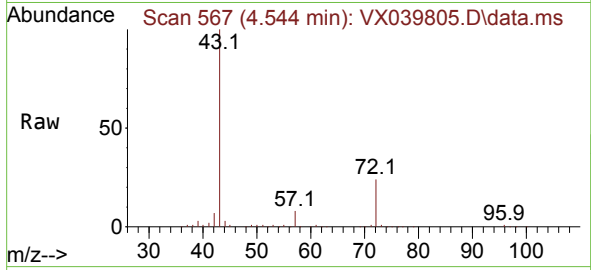




#25
2-Butanone
Concen: 236.395 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

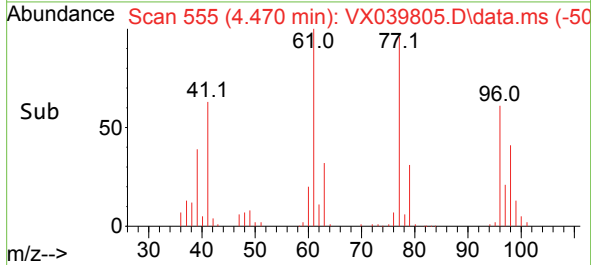
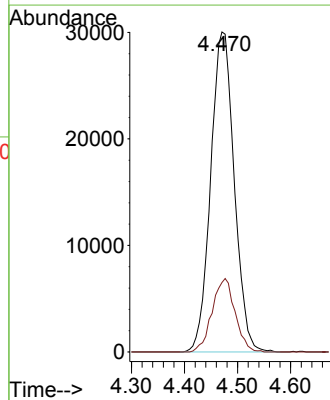
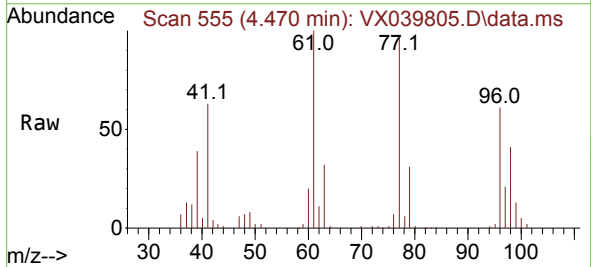
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

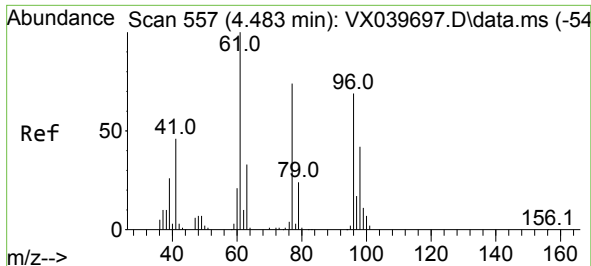
Tgt Ion: 43 Resp: 283548
Ion Ratio Lower Upper
43 100
72 24.4 19.4 29.2



#26
2,2-Dichloropropane
Concen: 52.362 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion: 77 Resp: 92598
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 53.448 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

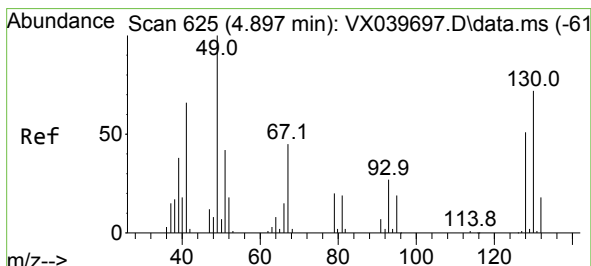
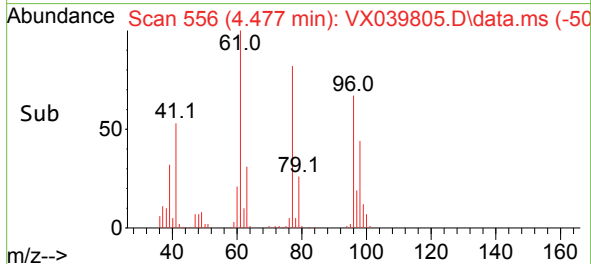
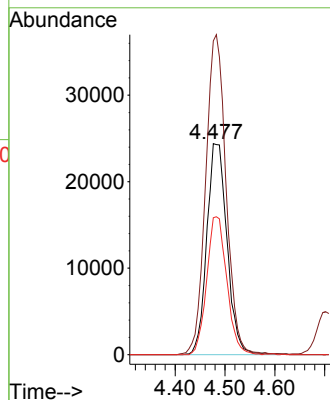
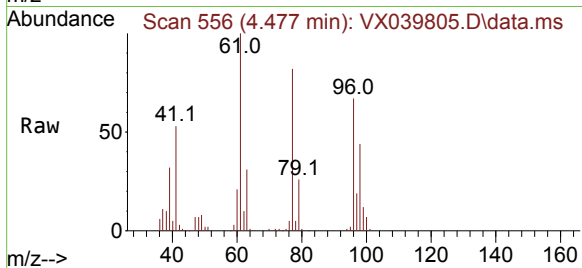
Tgt Ion: 96 Resp: 68790

Ion Ratio Lower Upper

96 100

61 153.1 0.0 312.2

98 64.9 0.0 129.0



#28

Bromochloromethane

Concen: 48.608 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

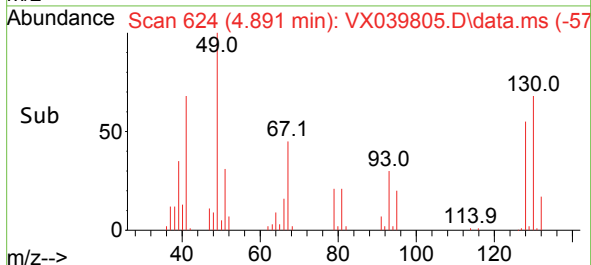
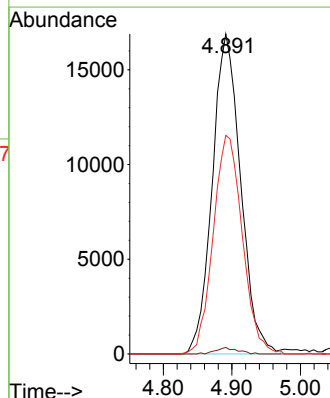
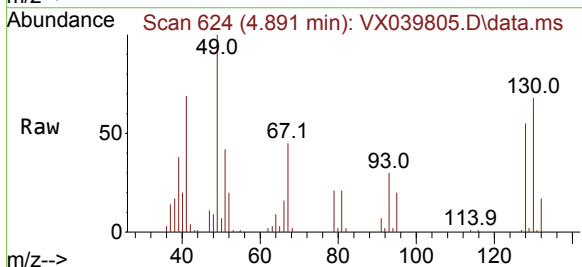
Tgt Ion: 49 Resp: 48548

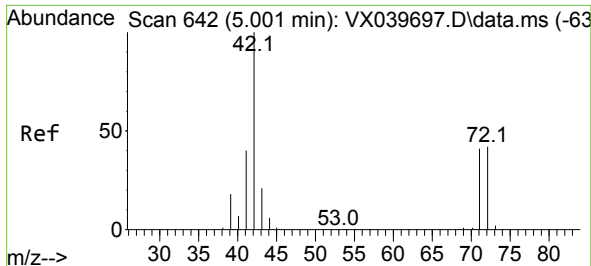
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

130 70.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 232.974 ug/l

RT: 4.989 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

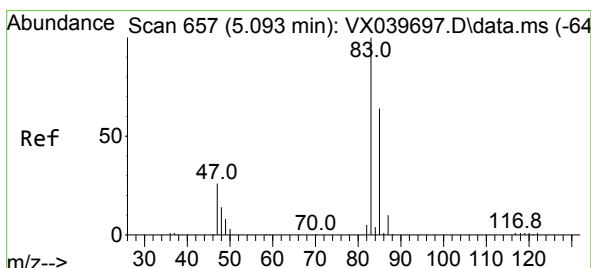
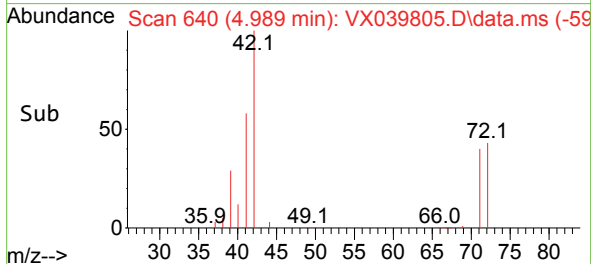
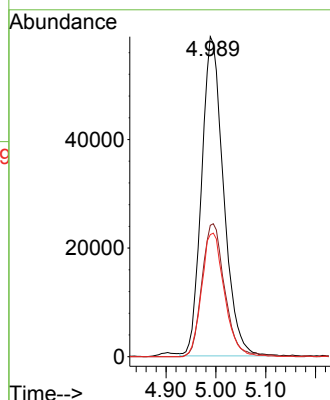
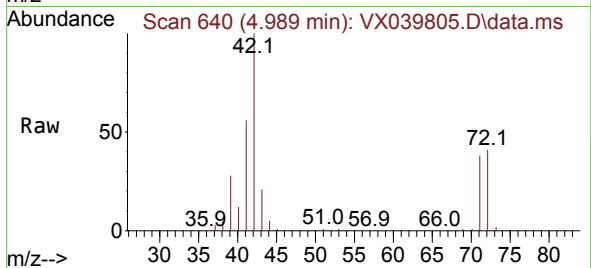
Tgt Ion: 42 Resp: 179863

Ion Ratio Lower Upper

42 100

72 43.3 34.2 51.4

71 40.2 32.2 48.2



#30

Chloroform

Concen: 54.326 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039805.D

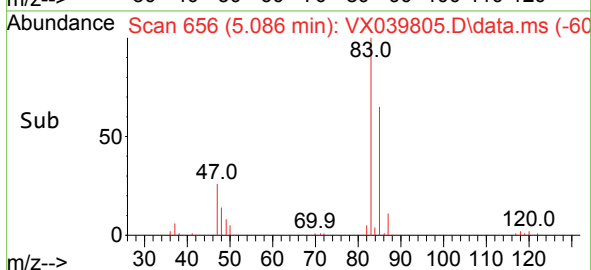
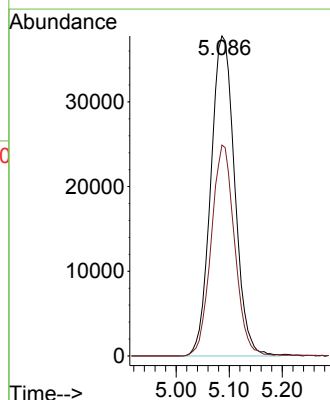
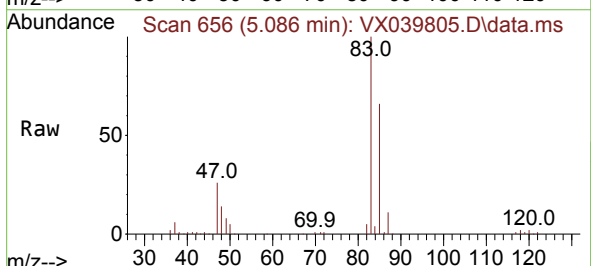
Acq: 18 Jan 2024 09:59

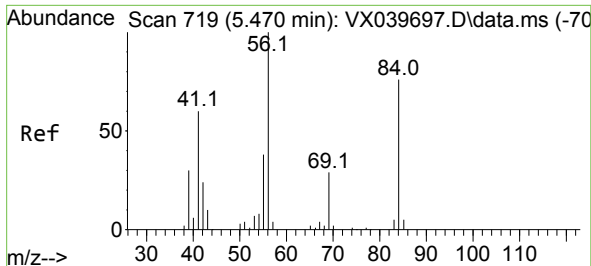
Tgt Ion: 83 Resp: 118167

Ion Ratio Lower Upper

83 100

85 65.9 50.3 75.5

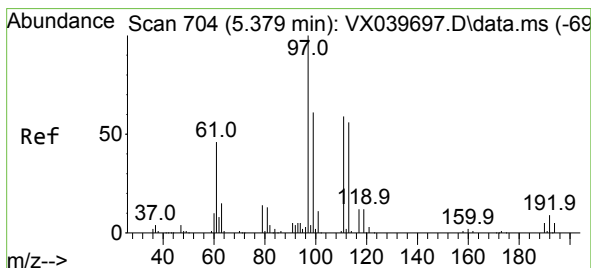
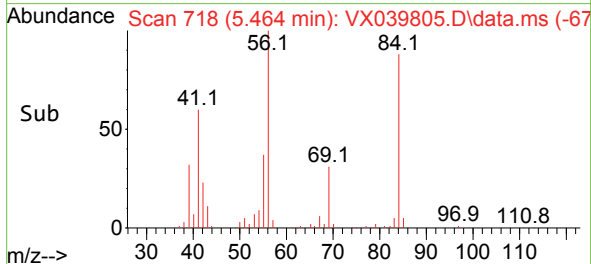
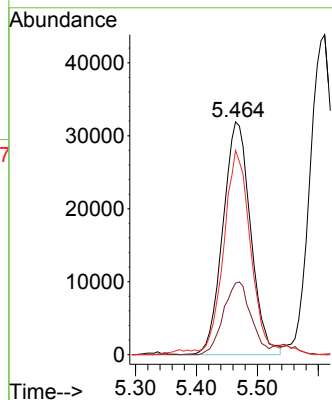
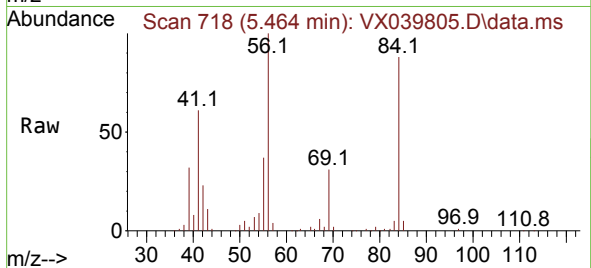




#31
Cyclohexane
Concen: 51.543 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

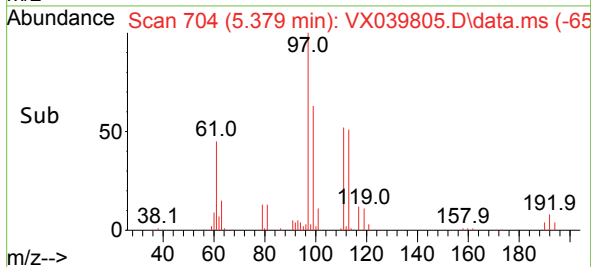
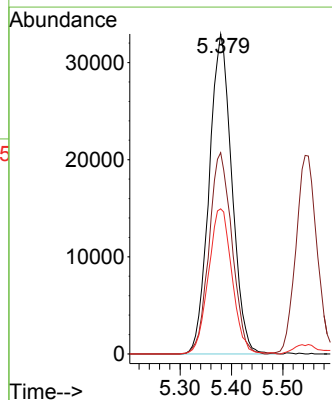
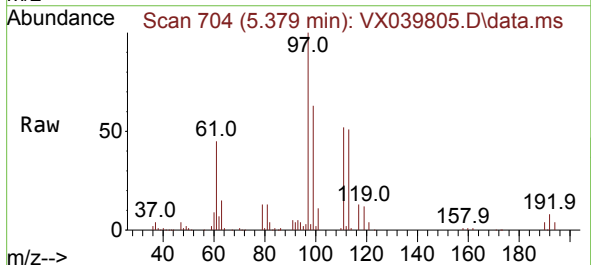
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

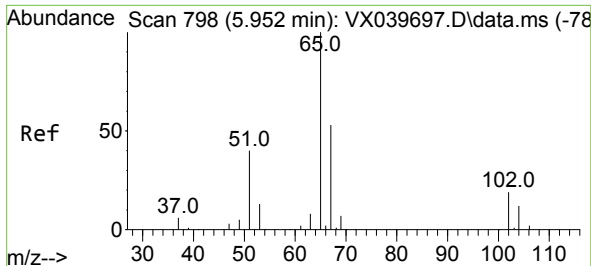
Tgt Ion: 56 Resp: 100957
Ion Ratio Lower Upper
56 100
69 30.7 23.4 35.2
84 85.7 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 54.216 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion: 97 Resp: 100960
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 47.3 36.4 54.6

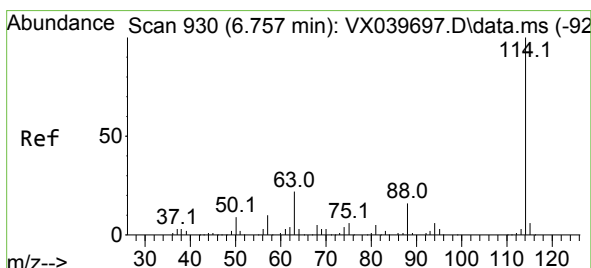
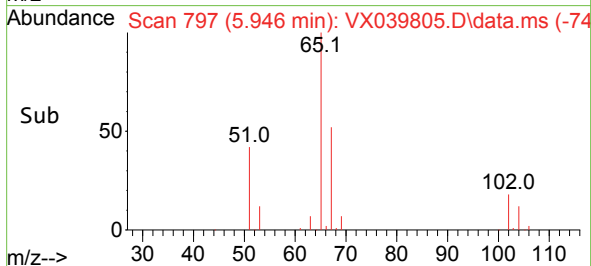
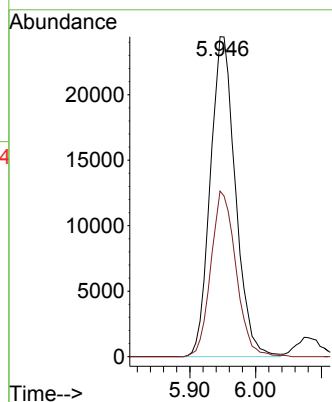
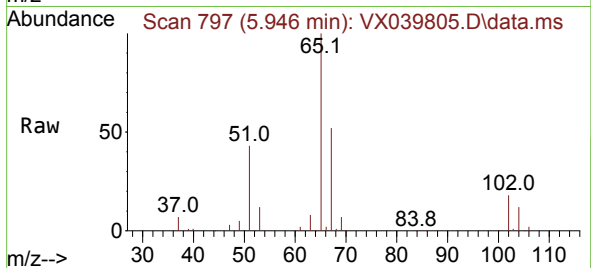




#33
1,2-Dichloroethane-d4
Concen: 43.779 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

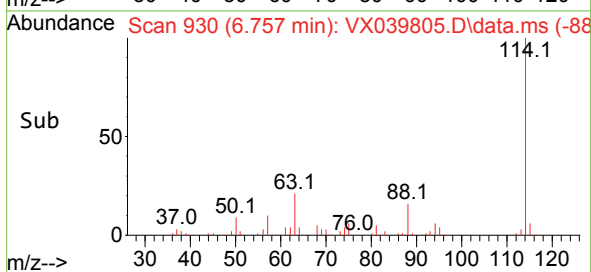
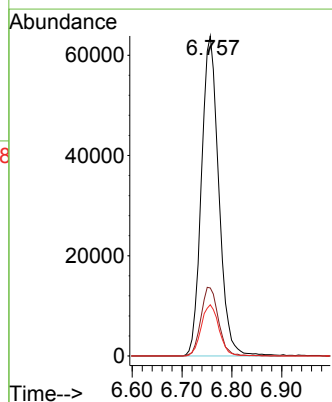
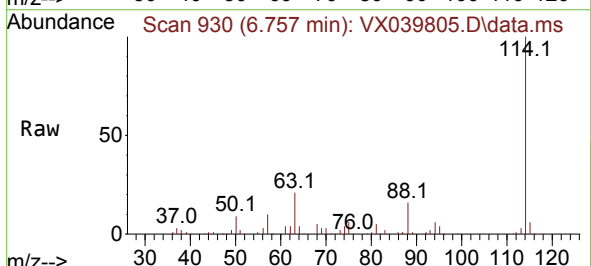
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

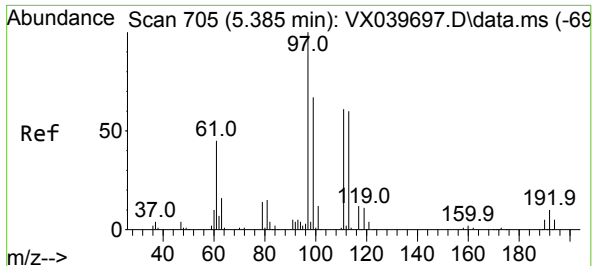
Tgt Ion: 65 Resp: 64974
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion:114 Resp: 154108
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 16.0 0.0 36.6

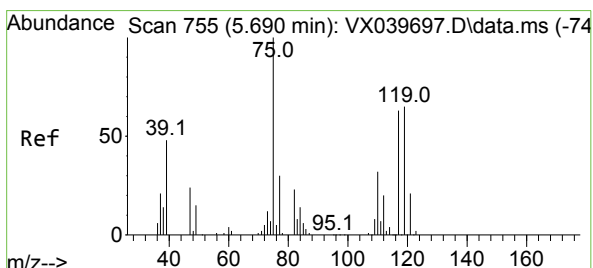
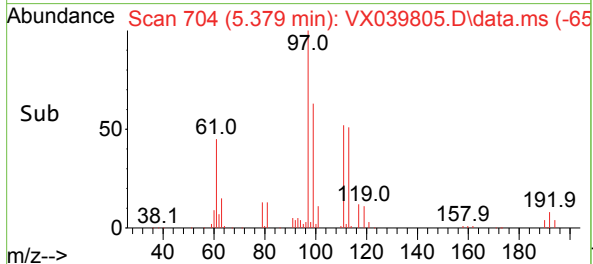
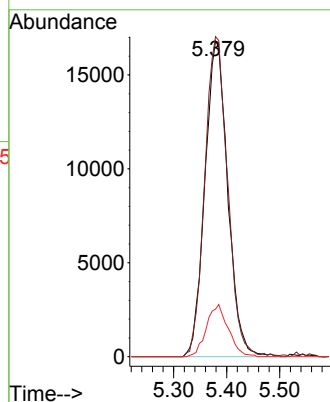
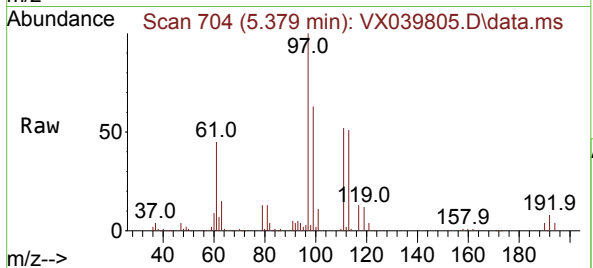




#35
Dibromofluoromethane
Concen: 48.411 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

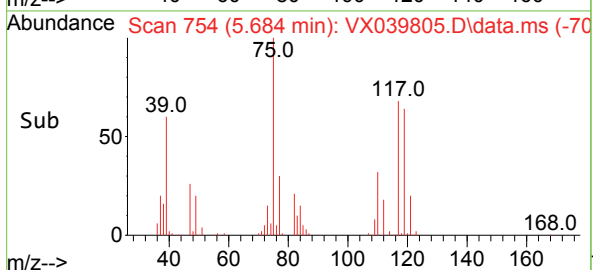
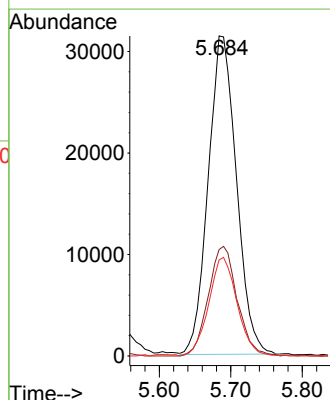
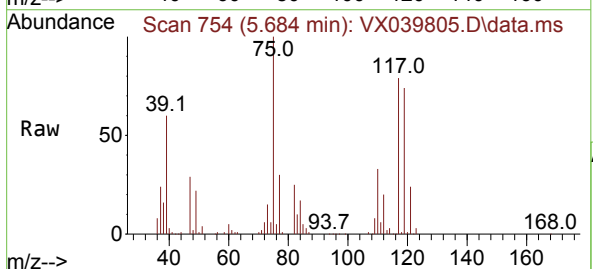
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

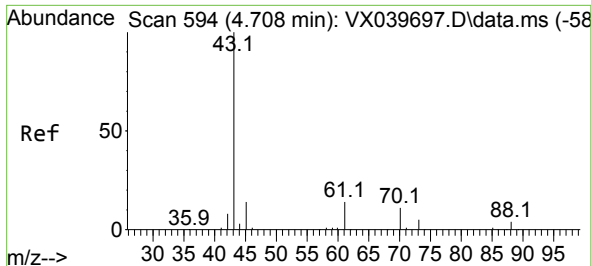
Tgt Ion:113 Resp: 50250
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 15.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 53.298 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion: 75 Resp: 86112
Ion Ratio Lower Upper
75 100
110 35.1 17.0 50.9
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 48.939 ug/l

RT: 4.702 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

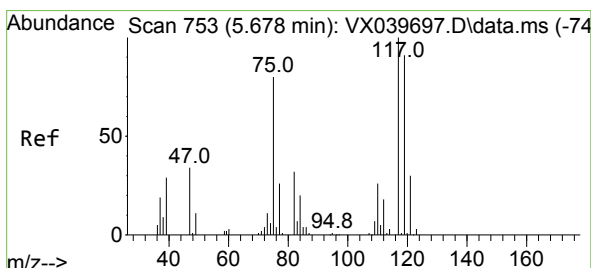
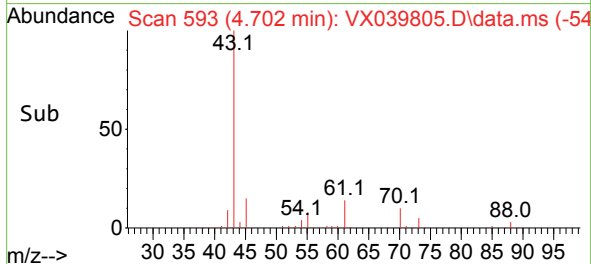
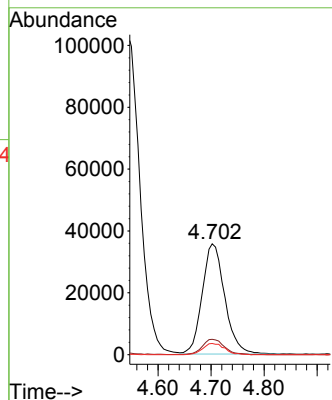
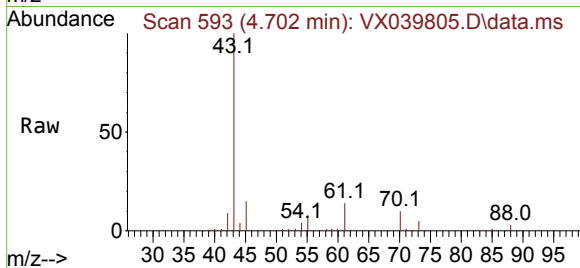
Tgt Ion: 43 Resp: 105485

Ion Ratio Lower Upper

43 100

61 13.7 10.6 16.0

70 9.8 8.3 12.5



#38

Carbon Tetrachloride

Concen: 57.582 ug/l

RT: 5.671 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

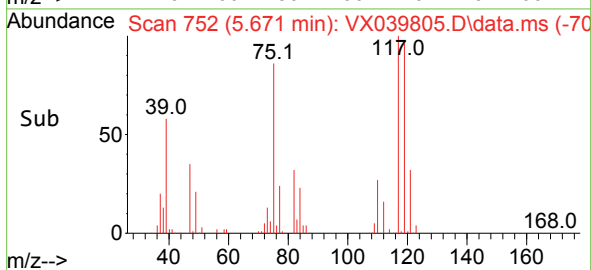
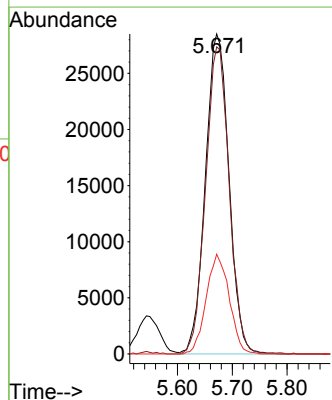
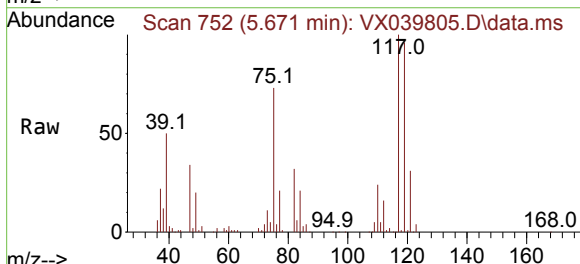
Tgt Ion: 117 Resp: 85208

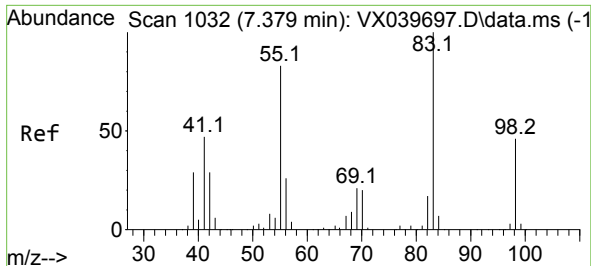
Ion Ratio Lower Upper

117 100

119 95.9 78.2 117.2

121 31.2 24.4 36.6





#39

Methylcyclohexane

Concen: 55.389 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

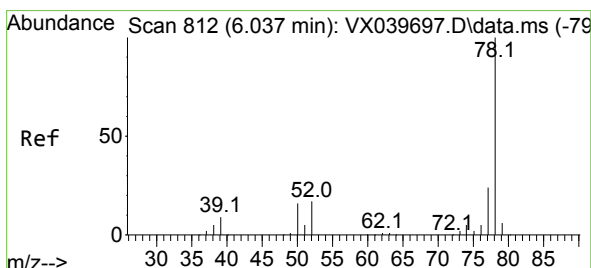
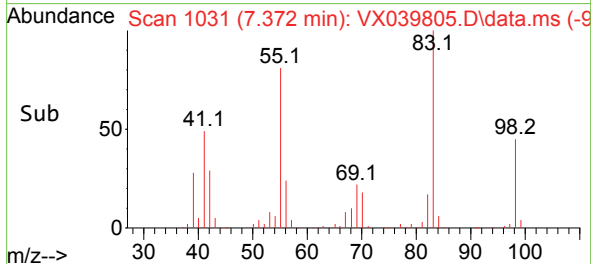
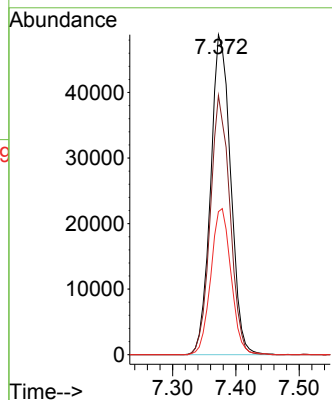
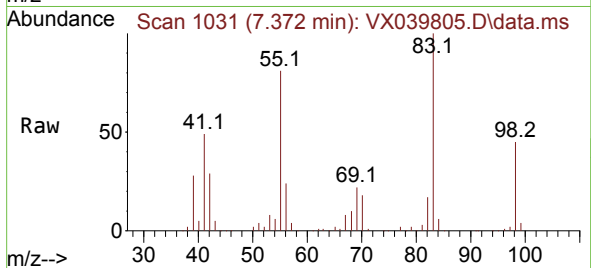
Tgt Ion: 83 Resp: 107461

Ion Ratio Lower Upper

83 100

55 81.0 64.6 97.0

98 44.7 36.7 55.1



#40

Benzene

Concen: 54.854 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX039805.D

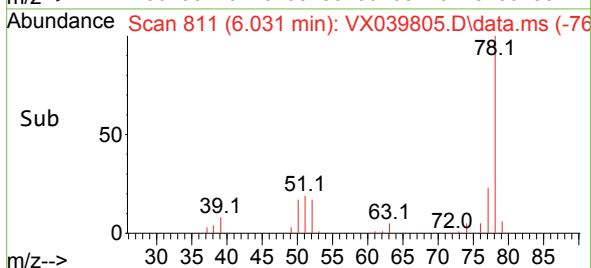
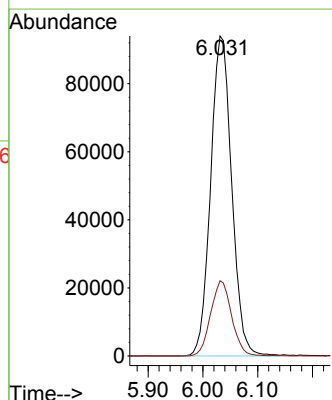
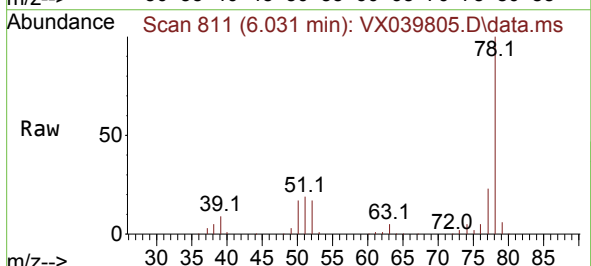
Acq: 18 Jan 2024 09:59

Tgt Ion: 78 Resp: 250957

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9

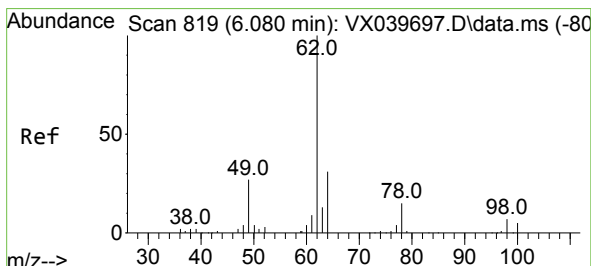
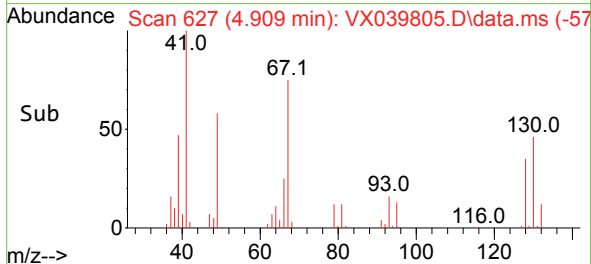
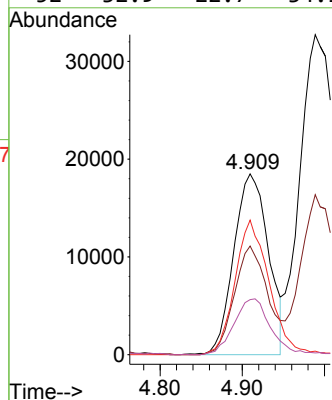
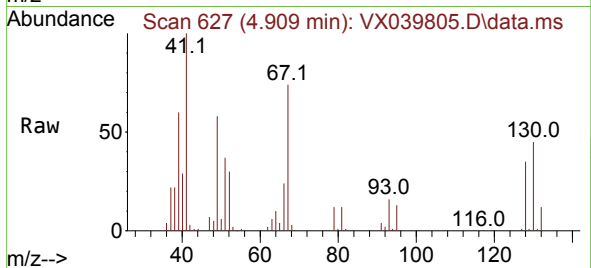




#41
Methacrylonitrile
Concen: 51.469 ug/l
RT: 4.909 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

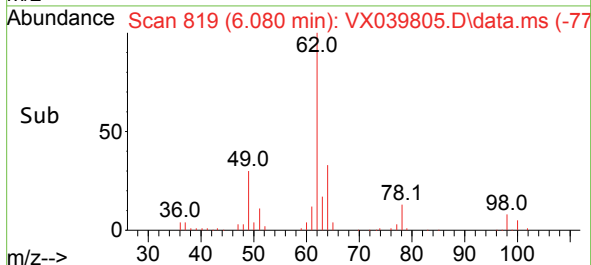
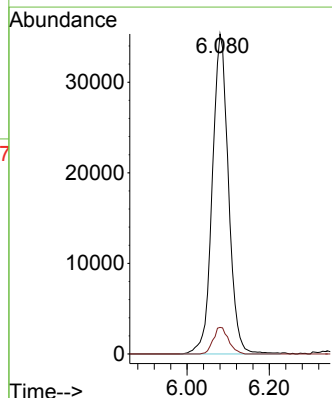
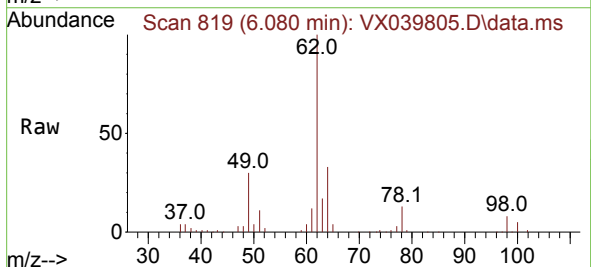
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

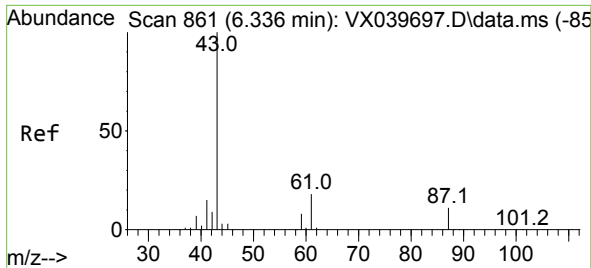
Tgt Ion:	41	Resp:	54249
Ion	Ratio	Lower	Upper
41	100		
39	59.7	45.2	67.8
67	73.6	52.6	78.8
52	32.9	22.7	34.1



#42
1,2-Dichloroethane
Concen: 55.512 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion:	62	Resp:	96553
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	16.0





#43

Isopropyl Acetate

Concen: 53.072 ug/l

RT: 6.330 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

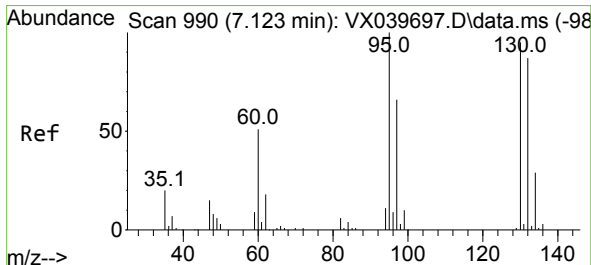
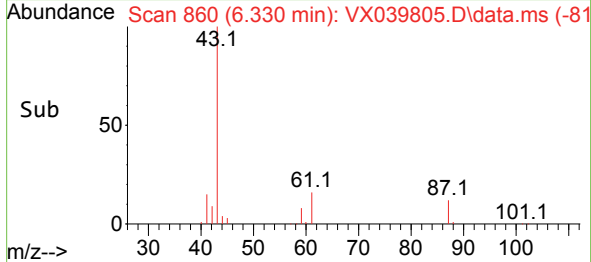
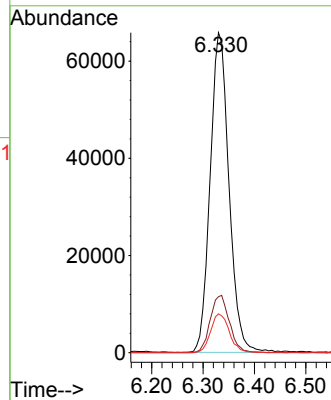
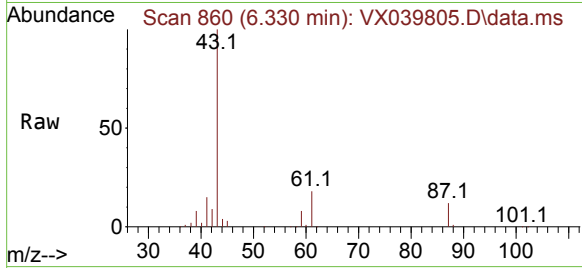
Tgt Ion: 43 Resp: 167807

Ion Ratio Lower Upper

43 100

61 18.2 15.2 22.8

87 12.0 9.8 14.6



#44

Trichloroethene

Concen: 56.955 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX039805.D

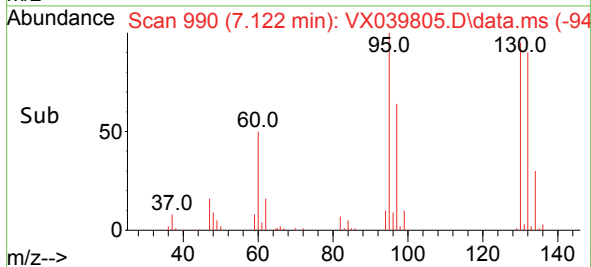
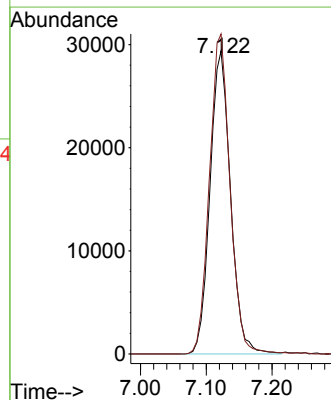
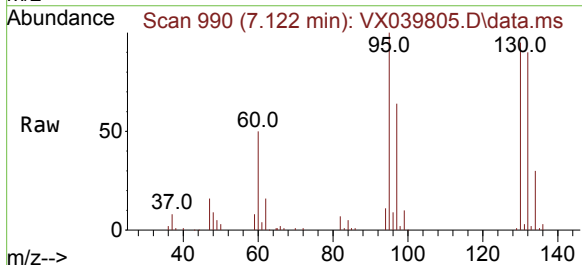
Acq: 18 Jan 2024 09:59

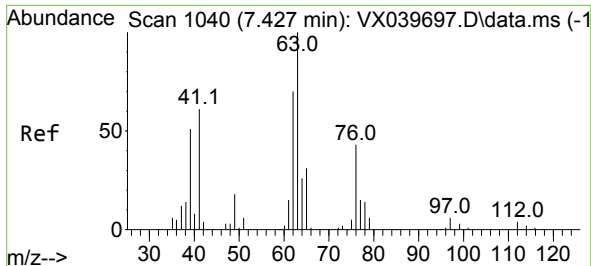
Tgt Ion:130 Resp: 63859

Ion Ratio Lower Upper

130 100

95 105.6 0.0 204.4

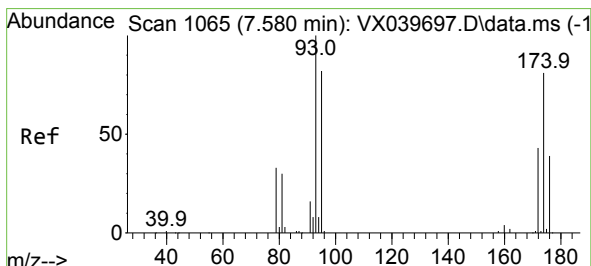
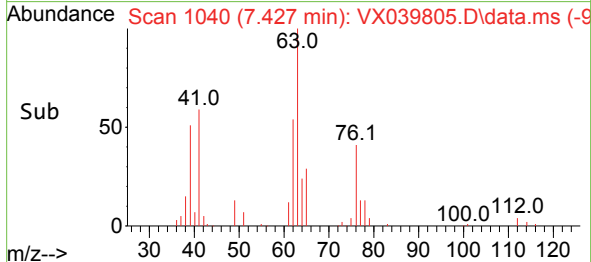
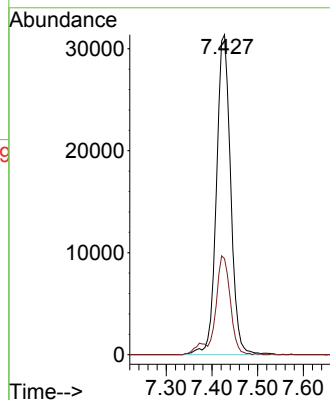
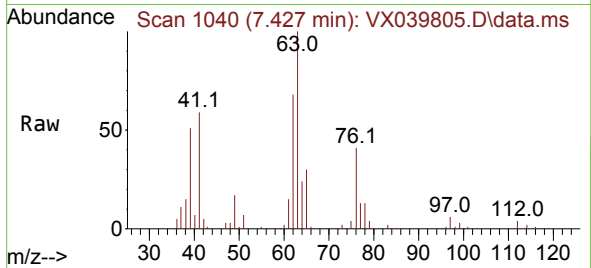




#45
1,2-Dichloropropane
Concen: 55.344 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

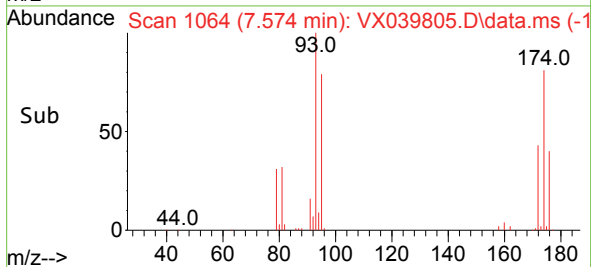
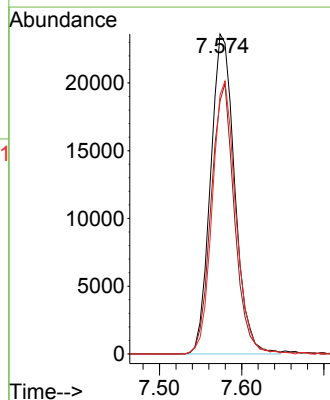
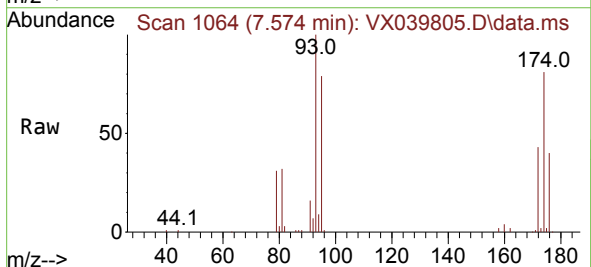
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

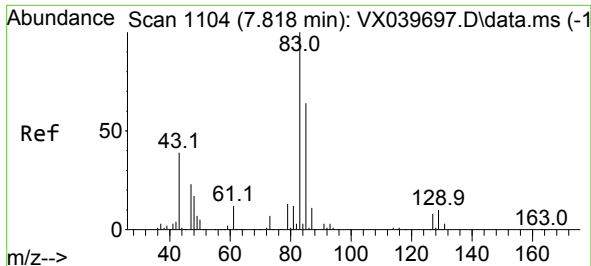
Tgt Ion: 63 Resp: 67922
Ion Ratio Lower Upper
63 100
65 30.0 24.3 36.5



#46
Dibromomethane
Concen: 56.810 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion: 93 Resp: 48157
Ion Ratio Lower Upper
93 100
95 81.4 66.6 100.0
174 83.0 69.4 104.0

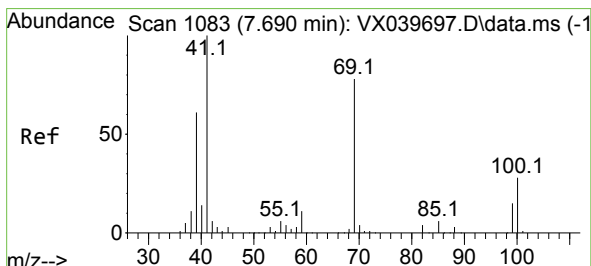
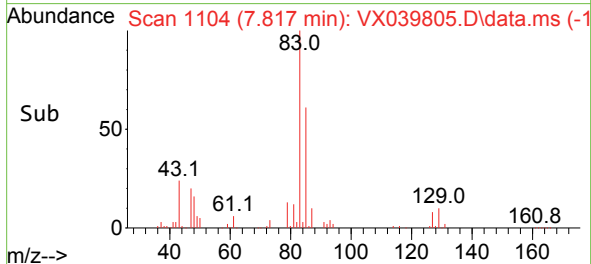
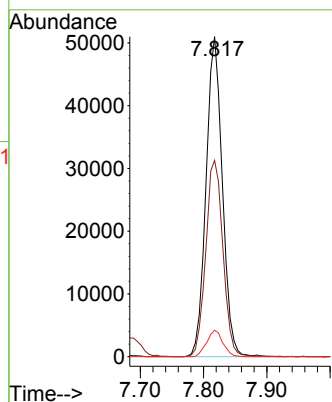
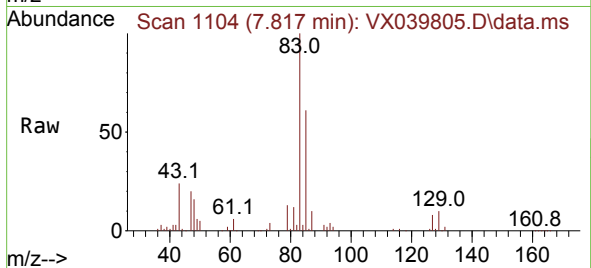




#47
Bromodichloromethane
Concen: 58.278 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

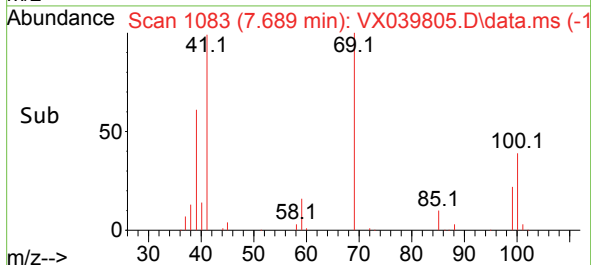
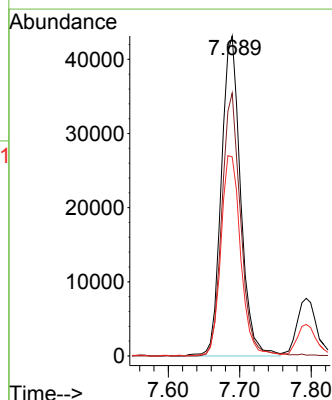
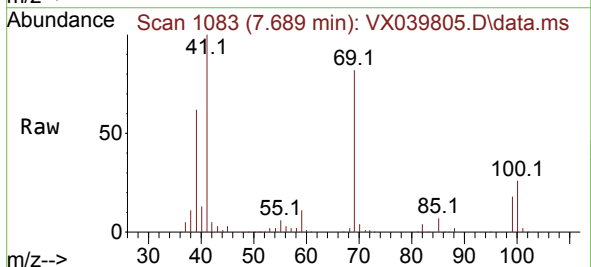
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

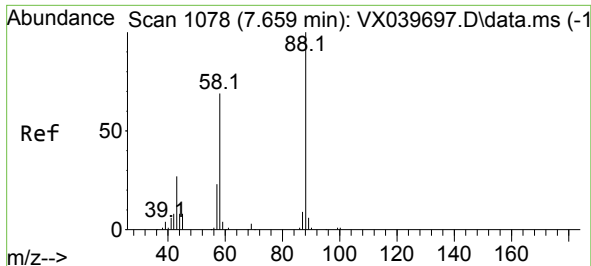
Tgt Ion: 83 Resp: 91493
Ion Ratio Lower Upper
83 100
85 61.4 49.8 74.6
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 51.873 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion: 41 Resp: 80620
Ion Ratio Lower Upper
41 100
69 80.0 59.2 88.8
39 64.5 47.7 71.5

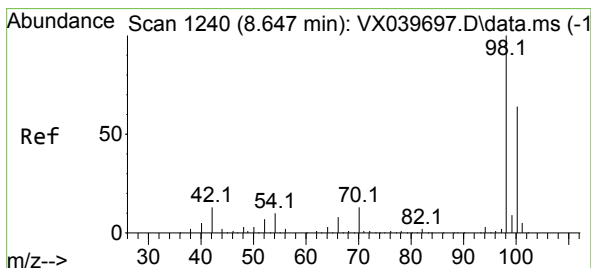
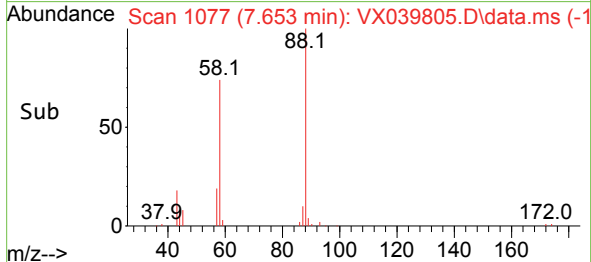
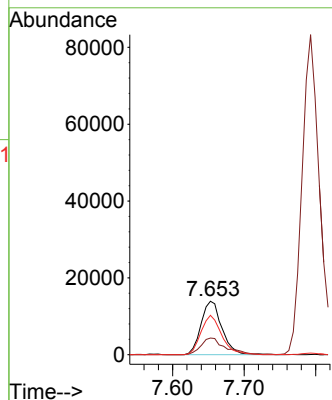
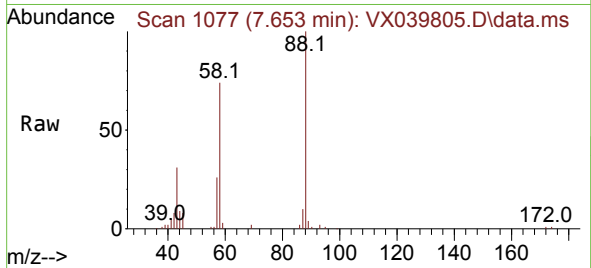




#49
1,4-Dioxane
Concen: 933.564 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

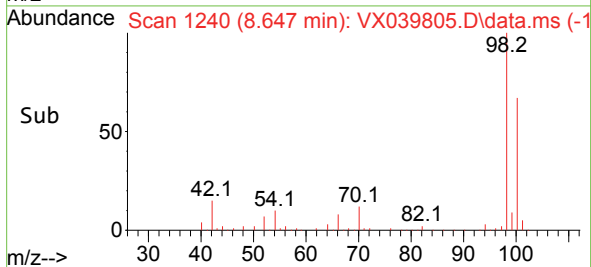
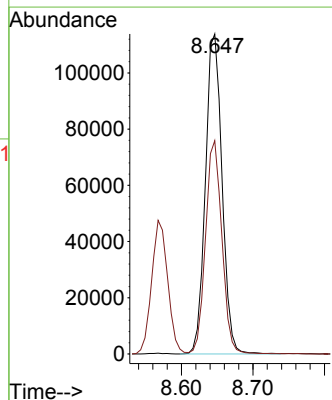
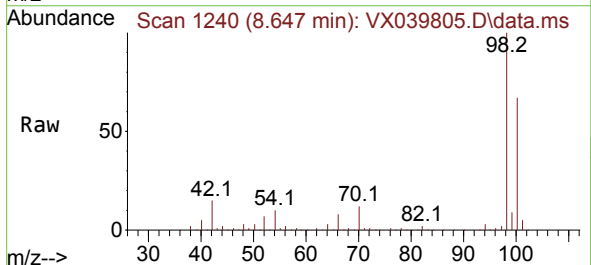
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

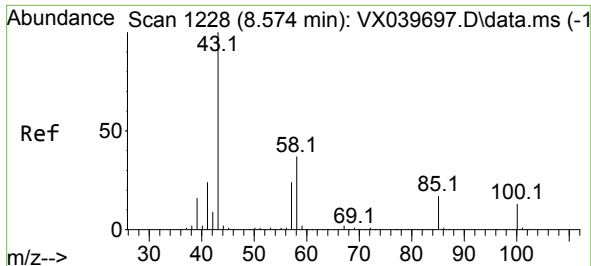
Tgt Ion: 88 Resp: 28075
Ion Ratio Lower Upper
88 100
43 36.7 0.0 0.0#
58 73.2 60.1 90.1



#50
Toluene-d8
Concen: 47.034 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion: 98 Resp: 184130
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7

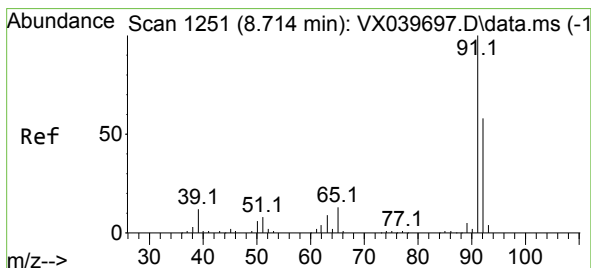
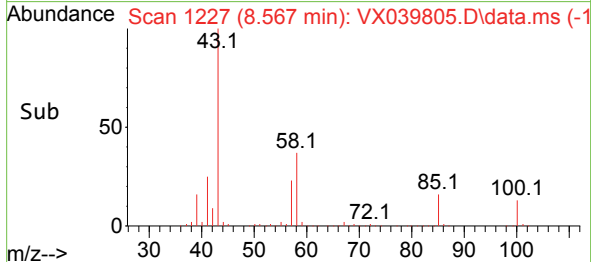
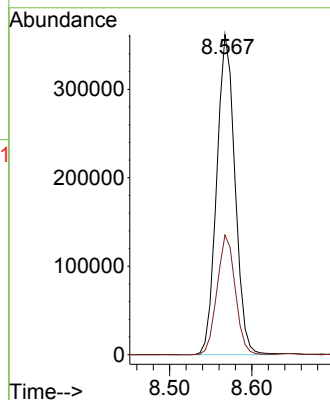
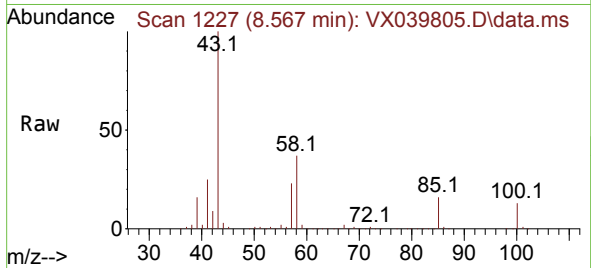




#51
4-Methyl-2-Pentanone
Concen: 256.863 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

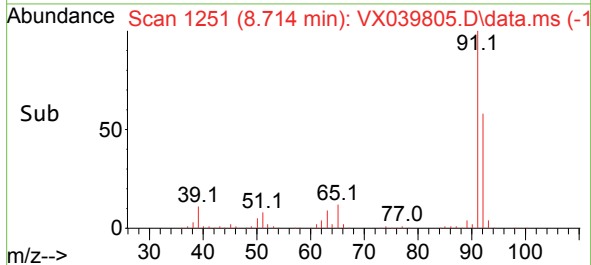
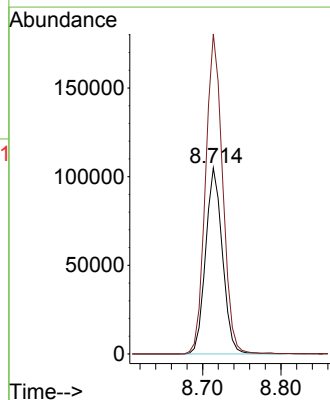
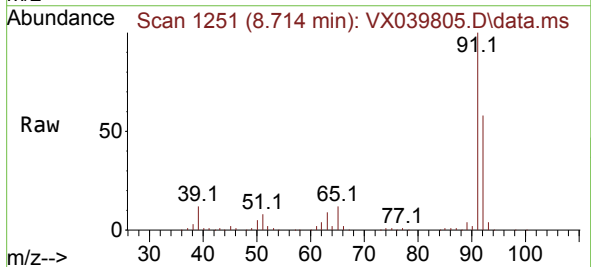
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

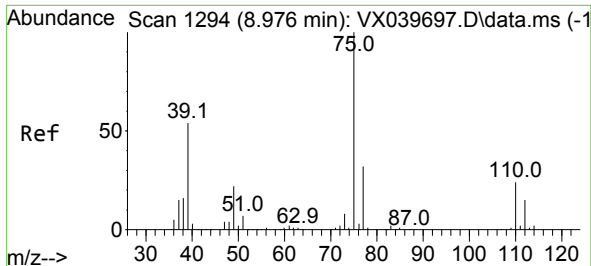
Tgt Ion: 43 Resp: 559356
Ion Ratio Lower Upper
43 100
58 37.2 30.4 45.6



#52
Toluene
Concen: 57.250 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion: 92 Resp: 156441
Ion Ratio Lower Upper
92 100
91 174.1 134.2 201.2

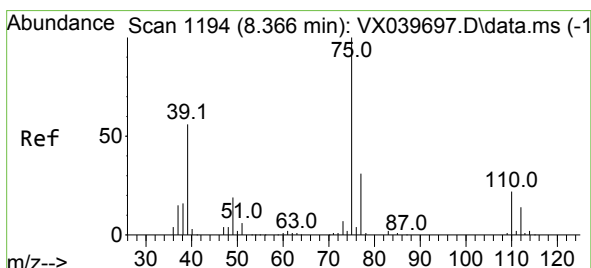
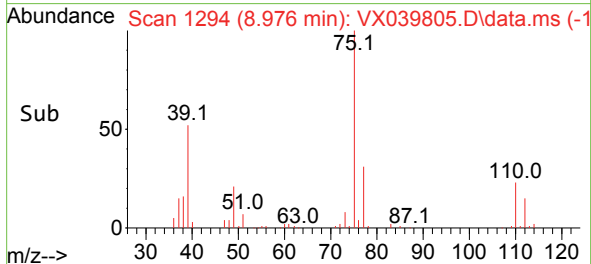
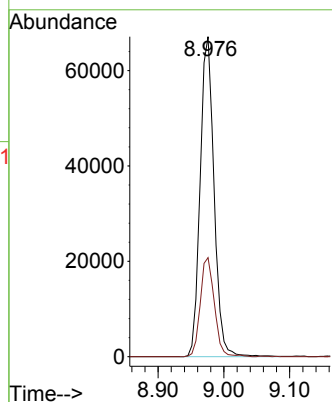
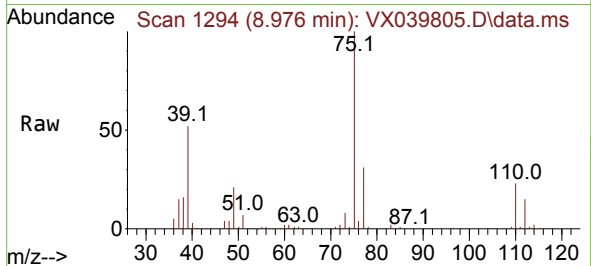




#53
t-1,3-Dichloropropene
Concen: 59.084 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

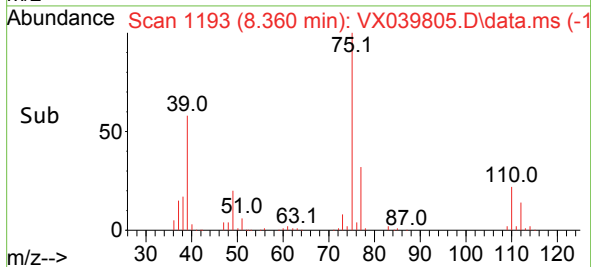
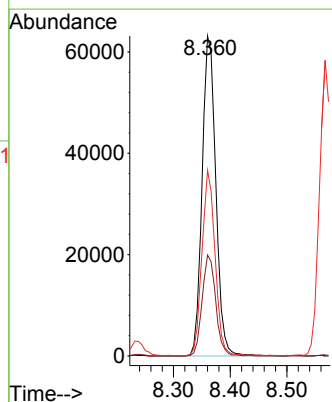
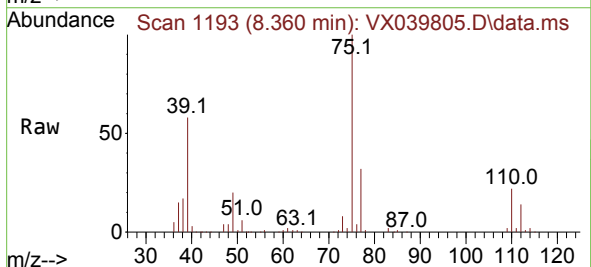
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

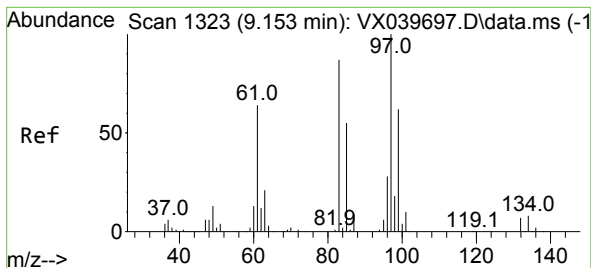
Tgt Ion: 75 Resp: 98428
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 57.862 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion: 75 Resp: 105991
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 57.9 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 55.015 ug/l

RT: 9.146 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 64006

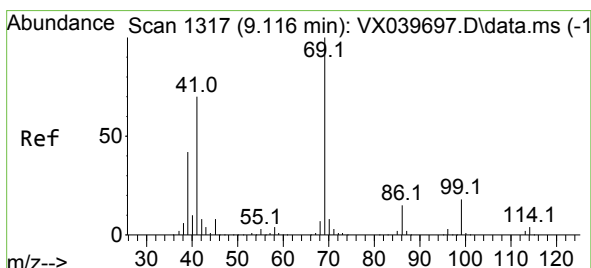
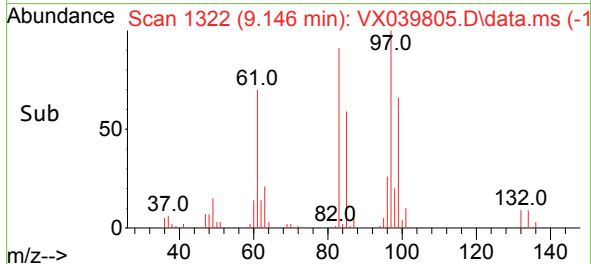
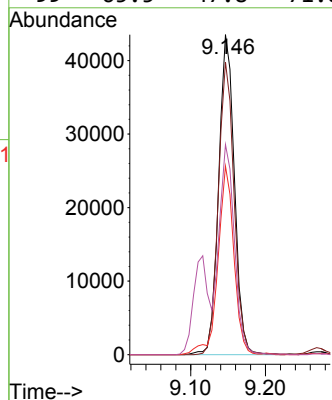
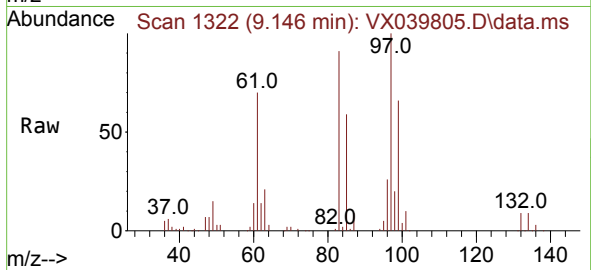
Ion Ratio Lower Upper

97 100

83 91.5 65.8 98.8

85 58.9 41.6 62.4

99 65.5 47.8 71.8



#56

Ethyl methacrylate

Concen: 55.617 ug/l

RT: 9.110 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

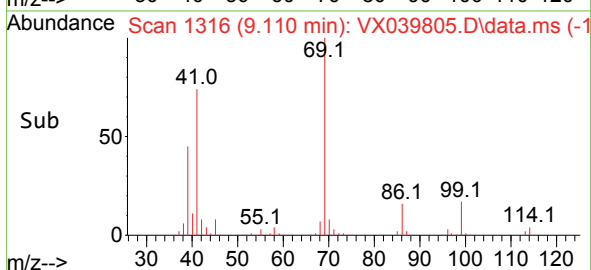
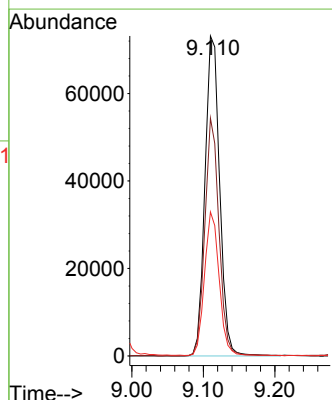
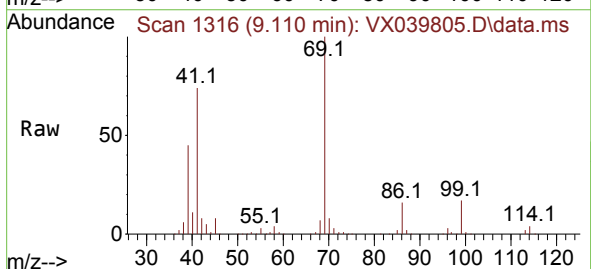
Tgt Ion: 69 Resp: 104725

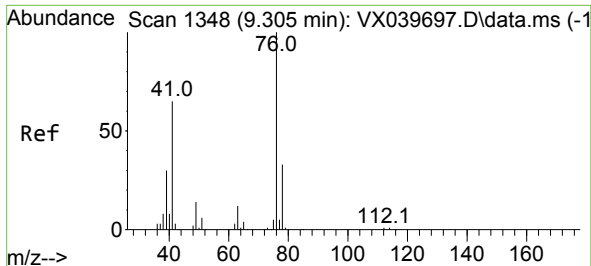
Ion Ratio Lower Upper

69 100

41 71.8 56.8 85.2

39 44.9 32.0 48.0





#57

1,3-Dichloropropane

Concen: 55.538 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

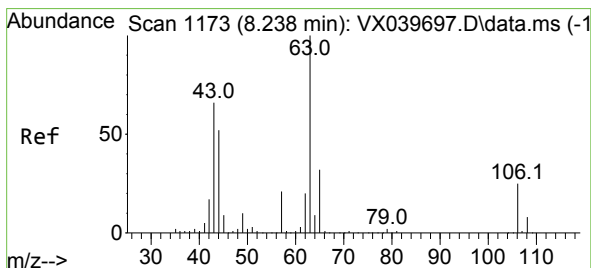
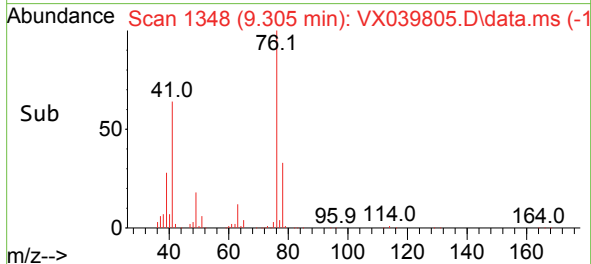
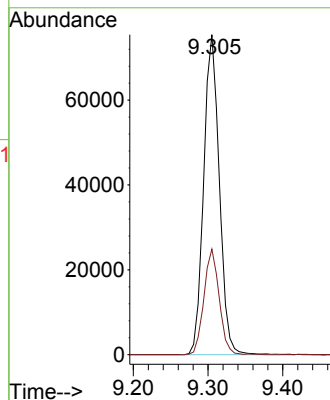
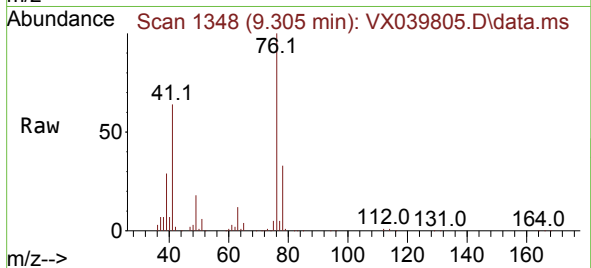
VSTDCCC050

Tgt Ion: 76 Resp: 109498

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 212.643 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX039805.D

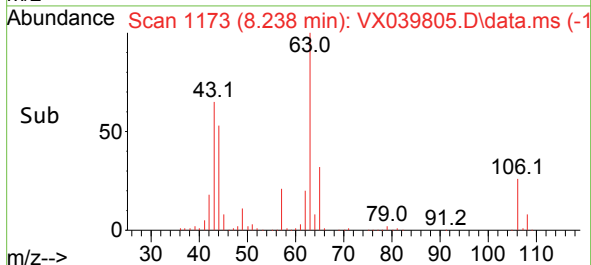
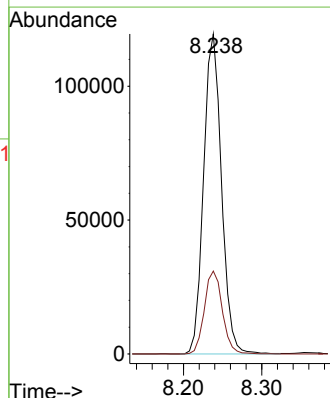
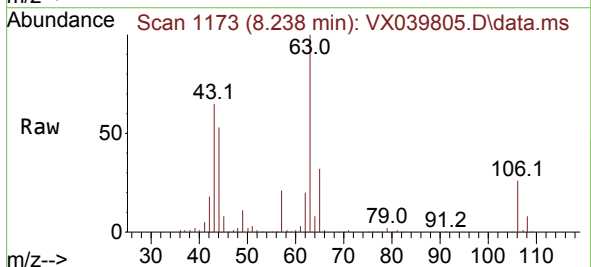
Acq: 18 Jan 2024 09:59

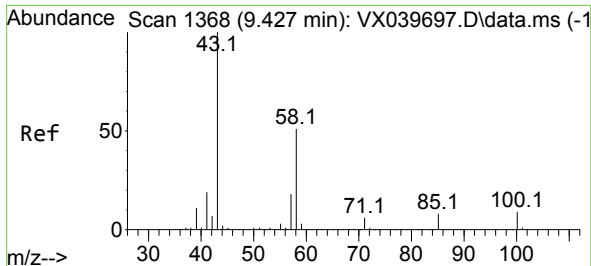
Tgt Ion: 63 Resp: 189259

Ion Ratio Lower Upper

63 100

106 26.0 22.5 33.7

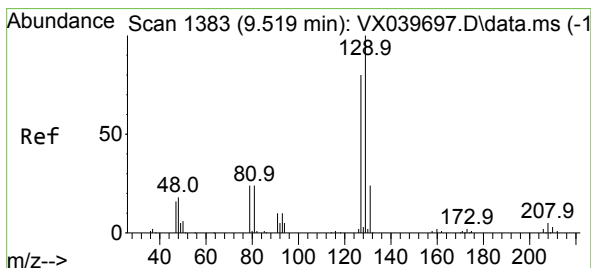
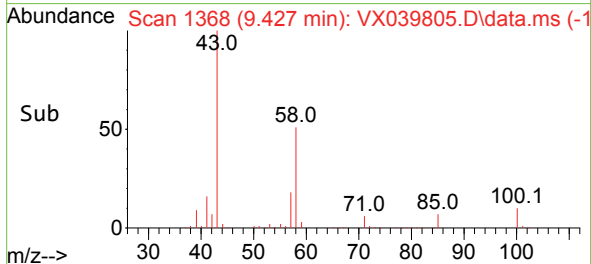
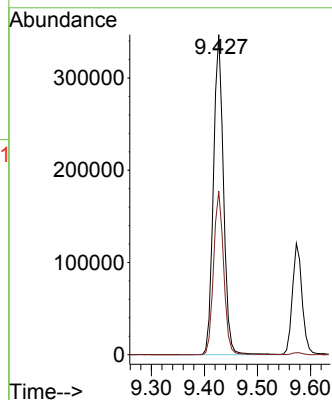
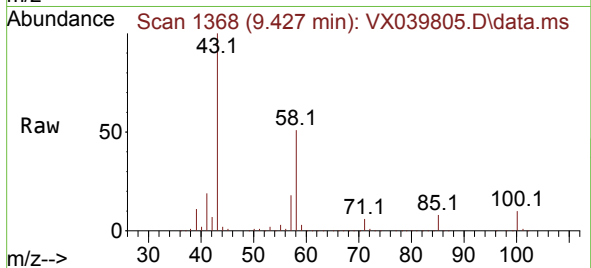




#59
2-Hexanone
Concen: 264.919 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

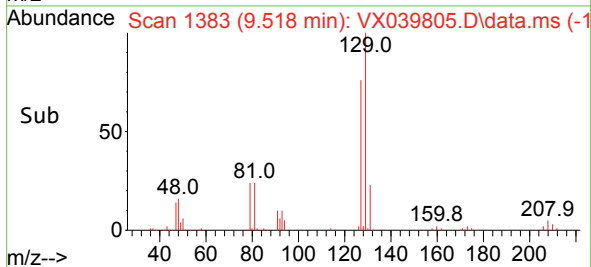
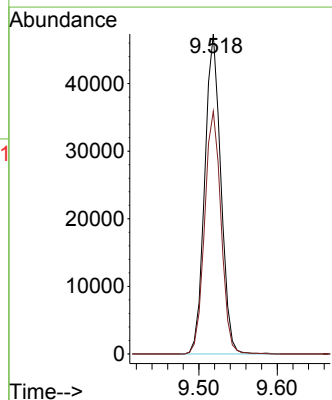
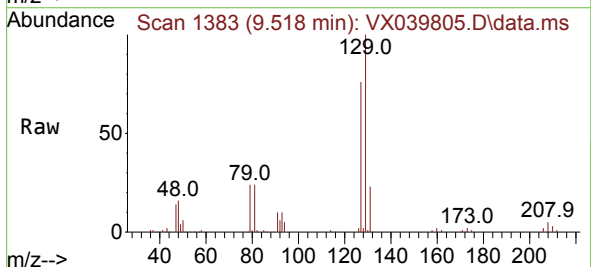
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

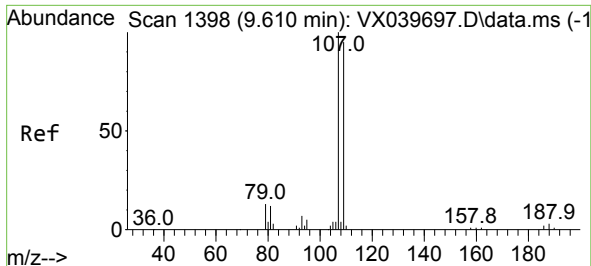
Tgt Ion: 43 Resp: 456582
Ion Ratio Lower Upper
43 100
58 51.2 26.2 78.5



#60
Dibromochloromethane
Concen: 61.509 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion: 129 Resp: 67486
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4

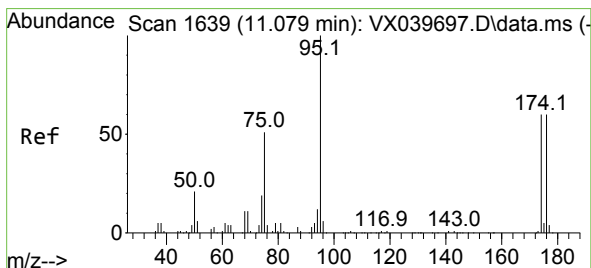
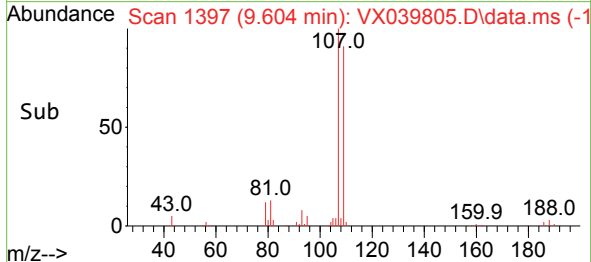
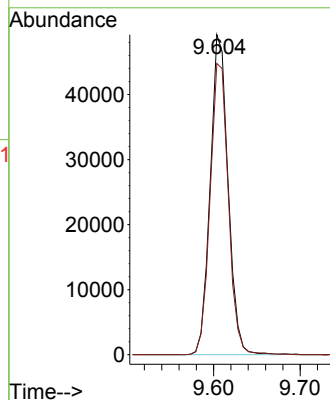
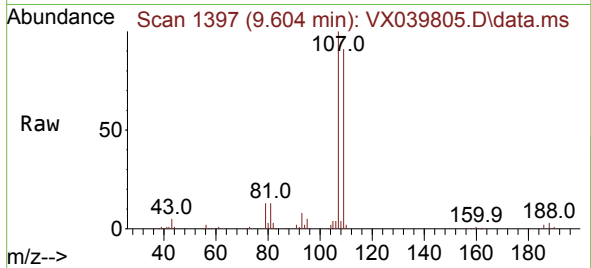




#61
1,2-Dibromoethane
Concen: 58.418 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

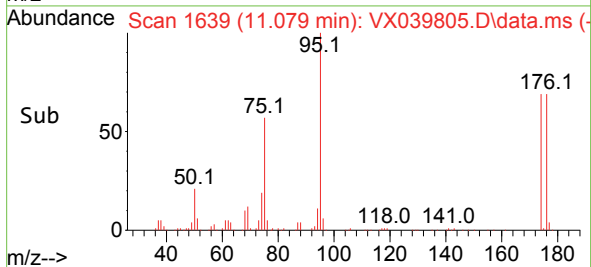
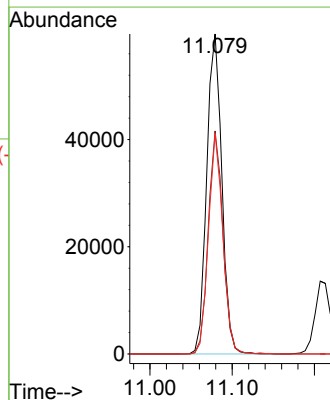
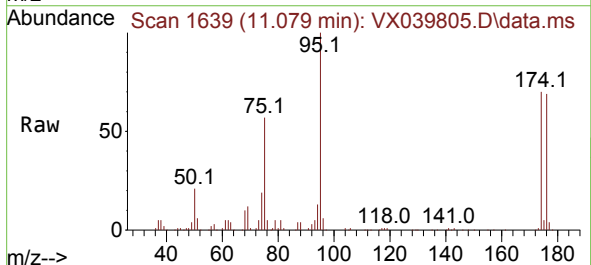
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

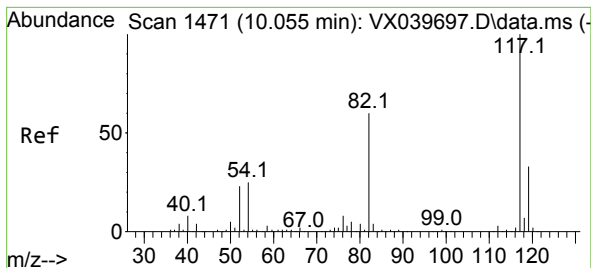
Tgt Ion:107 Resp: 70382
Ion Ratio Lower Upper
107 100
109 93.2 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 49.772 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion: 95 Resp: 76195
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.6
176 65.5 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

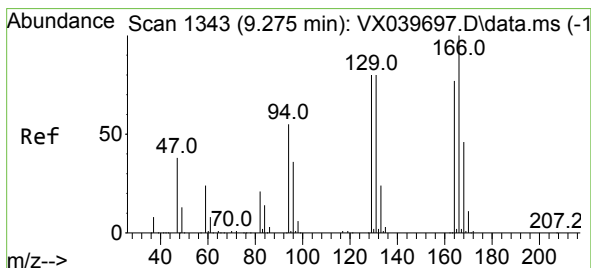
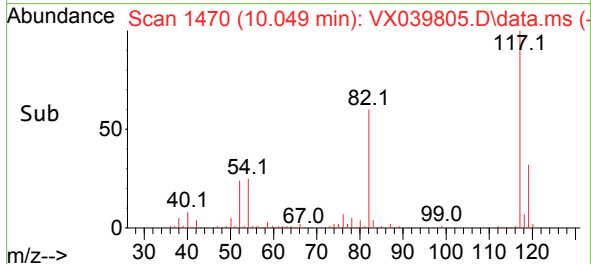
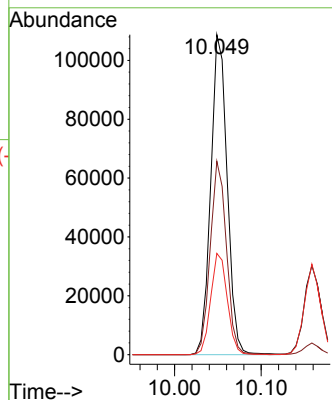
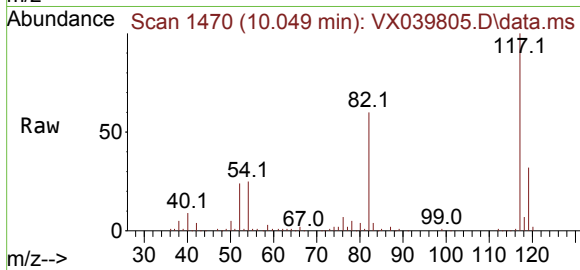
Tgt Ion:117 Resp: 143250

Ion Ratio Lower Upper

117 100

82 60.4 46.2 69.4

119 31.7 25.5 38.3



#64

Tetrachloroethene

Concen: 57.472 ug/l

RT: 9.268 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

Tgt Ion:164 Resp: 53538

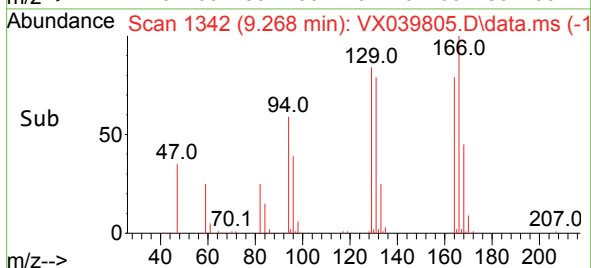
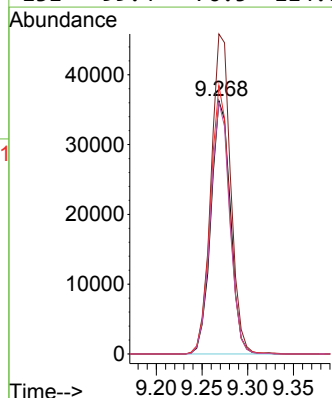
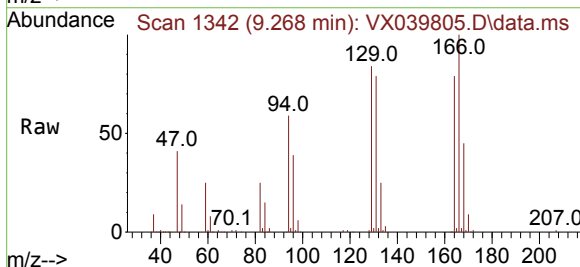
Ion Ratio Lower Upper

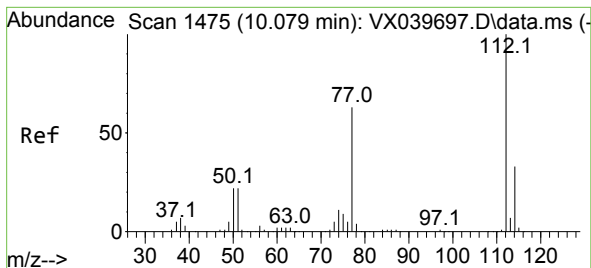
164 100

166 126.4 102.7 154.1

129 106.1 80.4 120.6

131 99.4 76.5 114.7

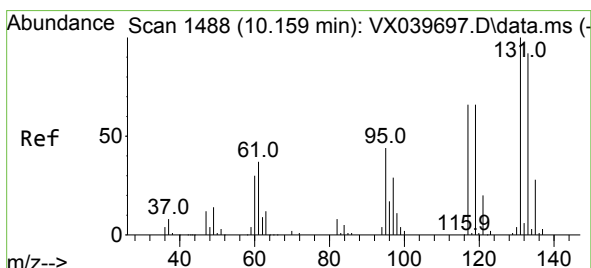
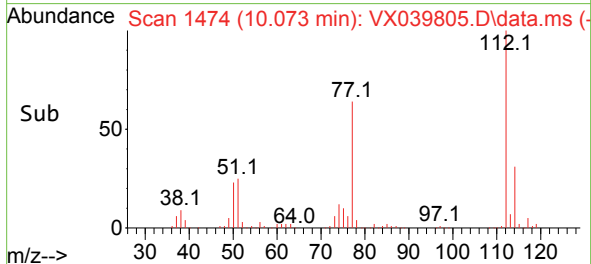
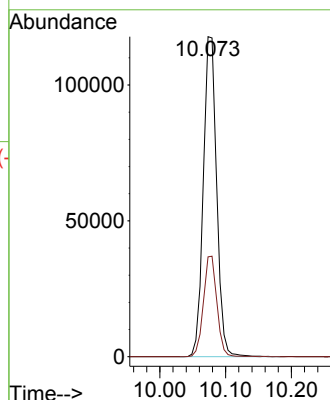
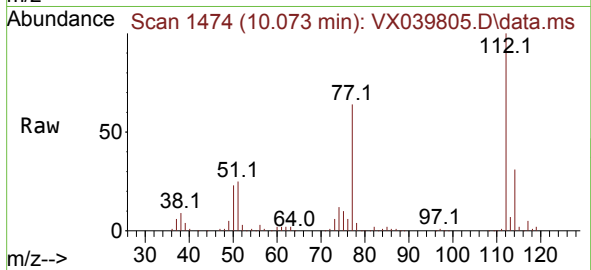




#65
Chlorobenzene
Concen: 55.707 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

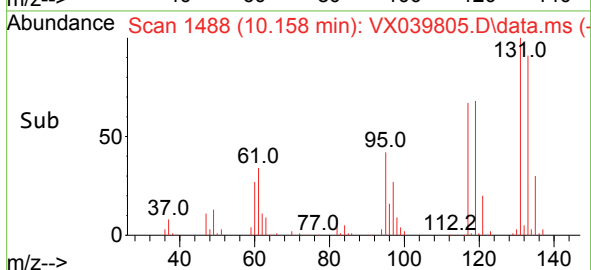
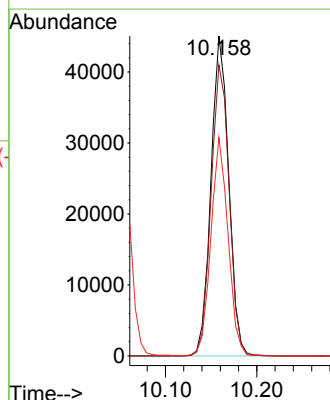
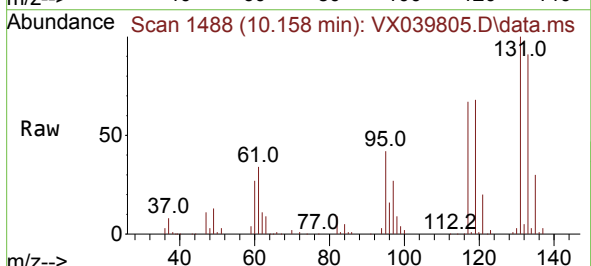
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

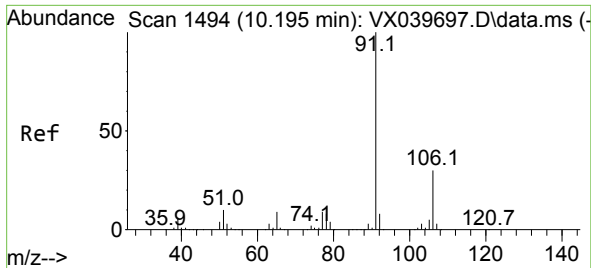
Tgt Ion:112 Resp: 166205
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 59.766 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion:131 Resp: 60718
Ion Ratio Lower Upper
131 100
133 92.6 47.1 141.4
119 66.1 32.2 96.6





#67

Ethyl Benzene

Concen: 56.537 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.006 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

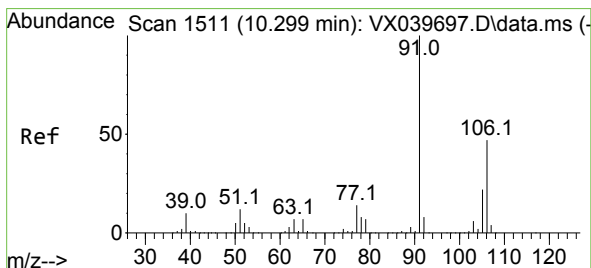
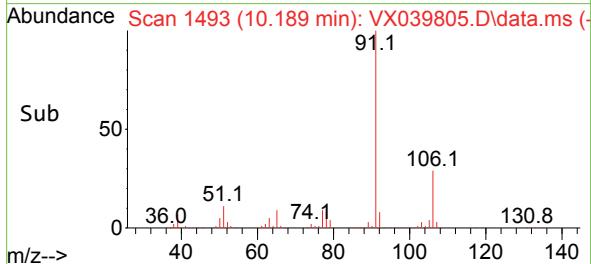
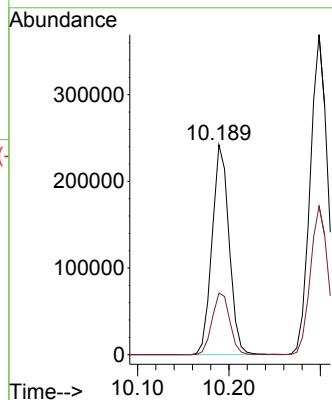
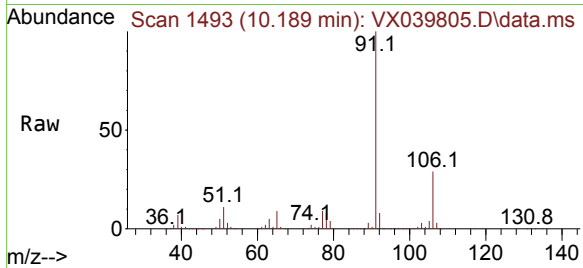
VSTDCCC050

Tgt Ion: 91 Resp: 313171

Ion Ratio Lower Upper

91 100

106 29.3 24.9 37.3



#68

m/p-Xylenes

Concen: 113.723 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX039805.D

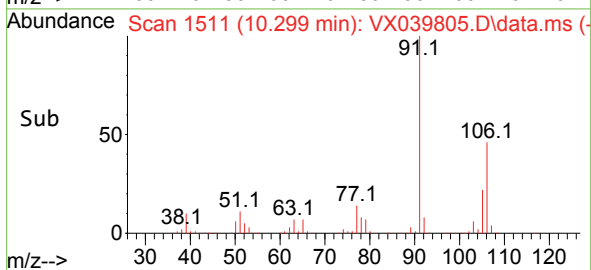
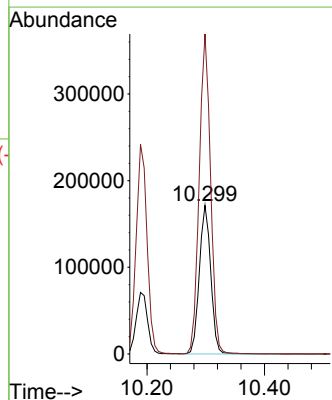
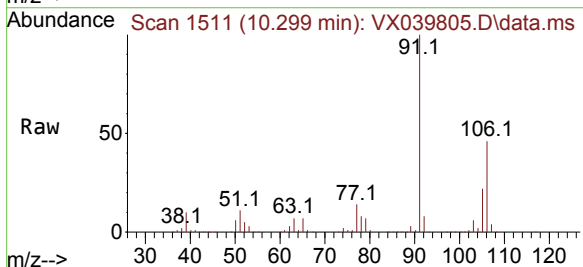
Acq: 18 Jan 2024 09:59

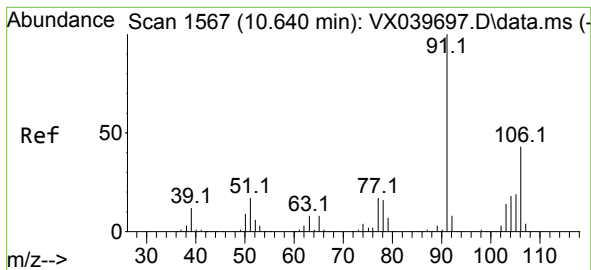
Tgt Ion:106 Resp: 231669

Ion Ratio Lower Upper

106 100

91 213.9 165.5 248.3

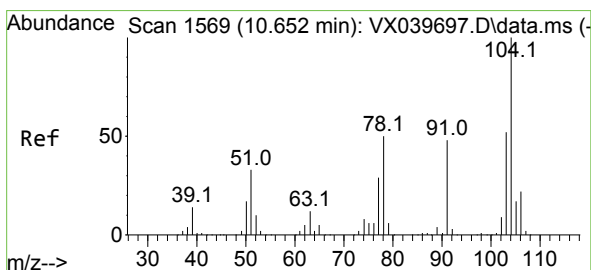
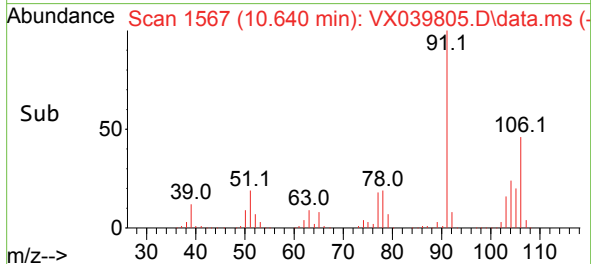
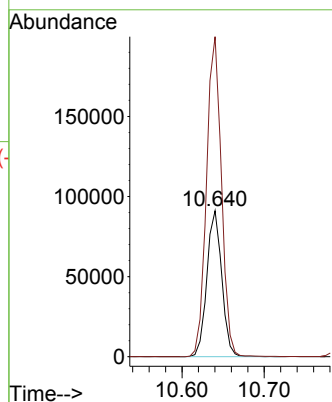
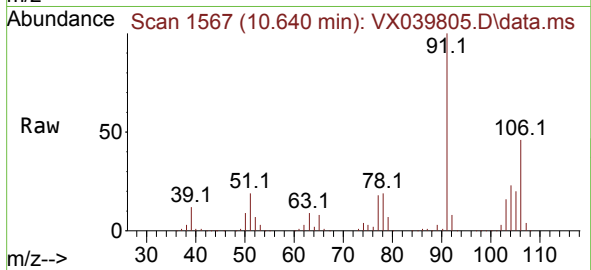




#69
o-Xylene
Concen: 56.709 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

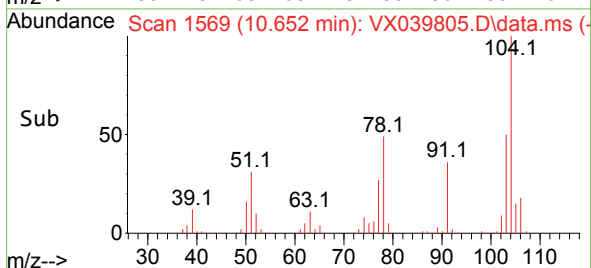
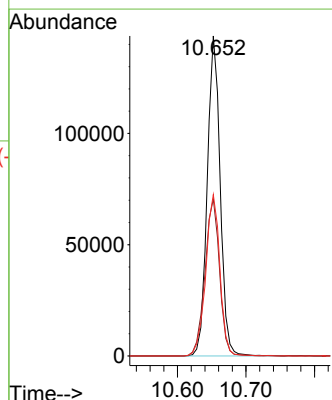
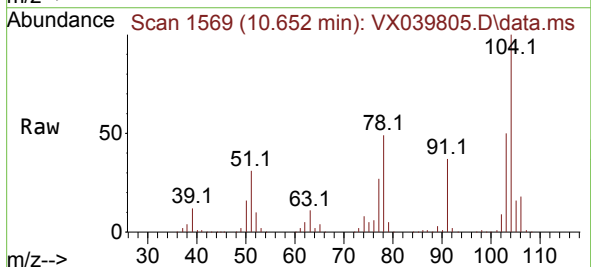
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

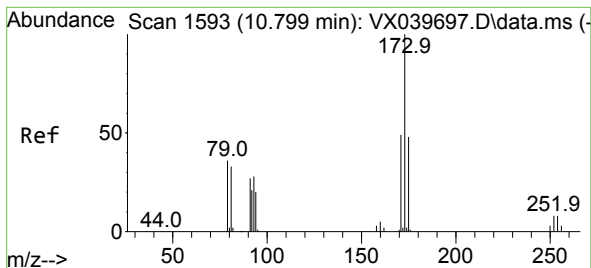
Tgt Ion:106 Resp: 114405
Ion Ratio Lower Upper
106 100
91 220.6 108.9 326.8



#70
Styrene
Concen: 57.449 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion:104 Resp: 189325
Ion Ratio Lower Upper
104 100
78 55.4 43.6 65.4
103 55.3 43.6 65.4





#71

Bromoform

Concen: 61.627 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

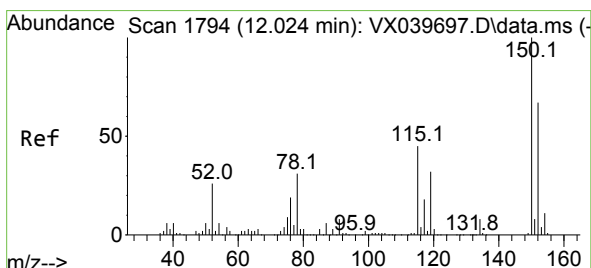
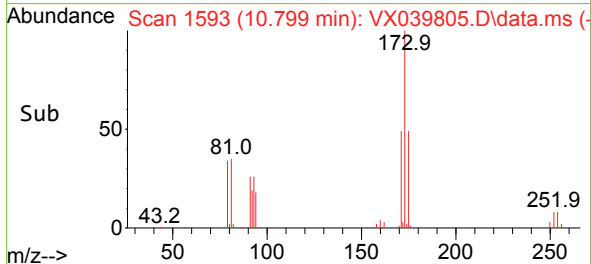
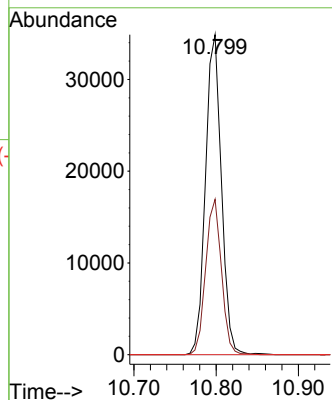
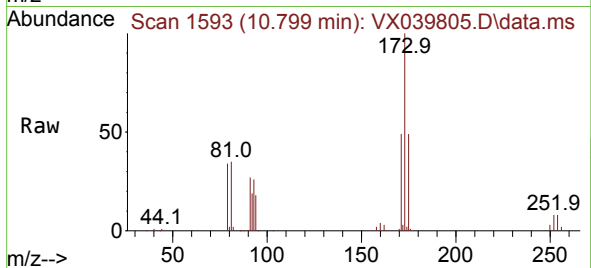
Tgt Ion:173 Resp: 47012

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

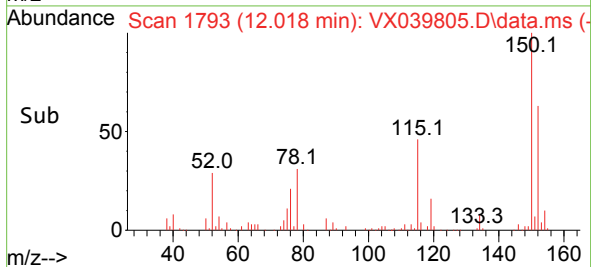
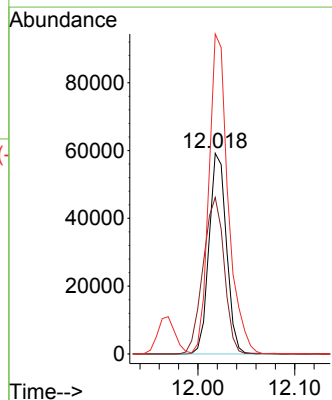
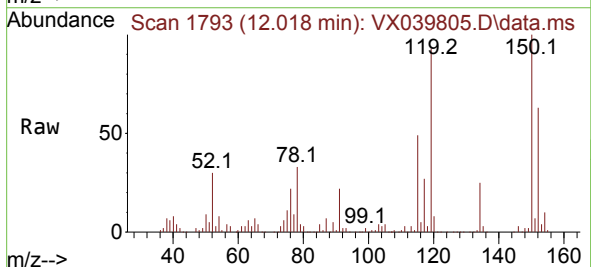
Tgt Ion:152 Resp: 74142

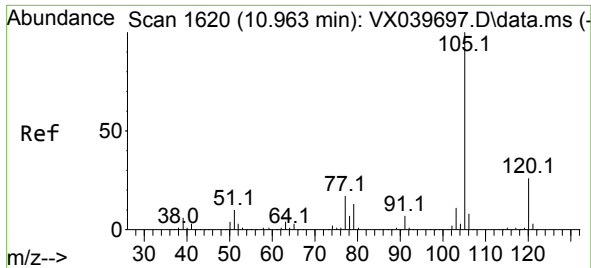
Ion Ratio Lower Upper

152 100

115 94.5 43.3 129.9

150 175.8 0.0 345.0

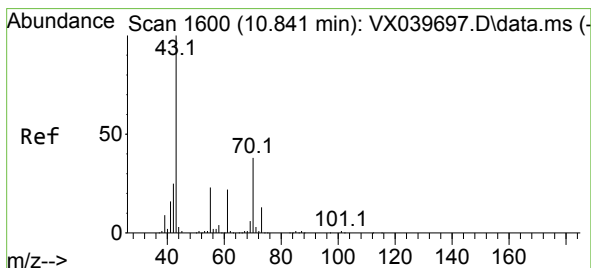
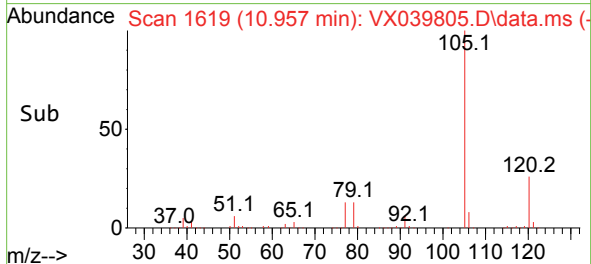
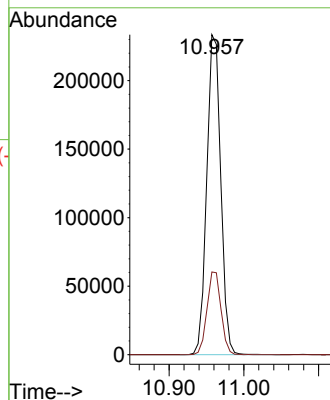
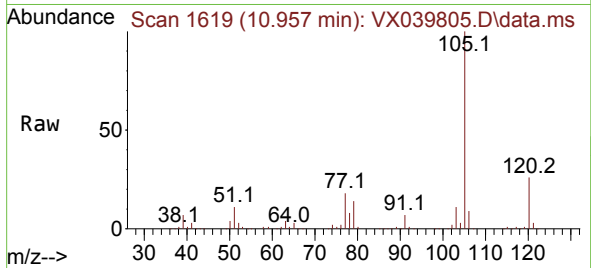




#73
Isopropylbenzene
Concen: 51.357 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

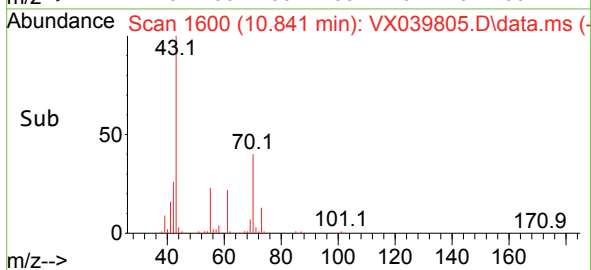
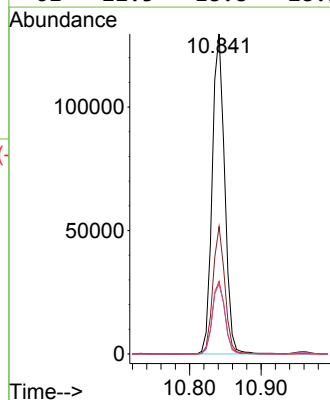
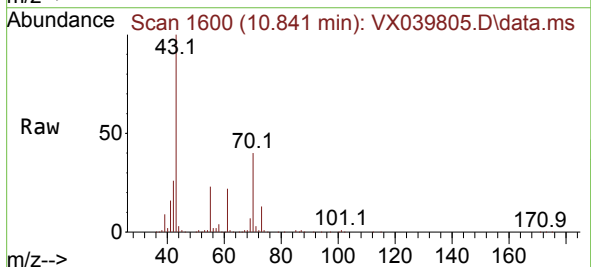
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

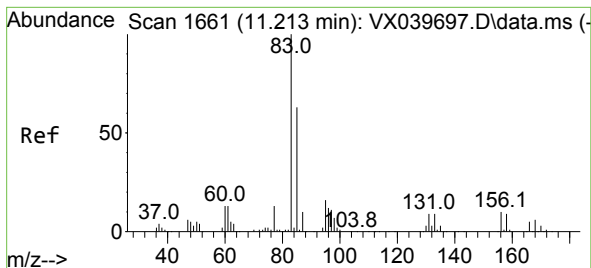
Tgt Ion:105 Resp: 303155
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6



#74
N-ethyl acetate
Concen: 50.891 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion: 43 Resp: 156589
Ion Ratio Lower Upper
43 100
70 38.2 32.9 49.3
55 23.1 19.3 28.9
61 22.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.910 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

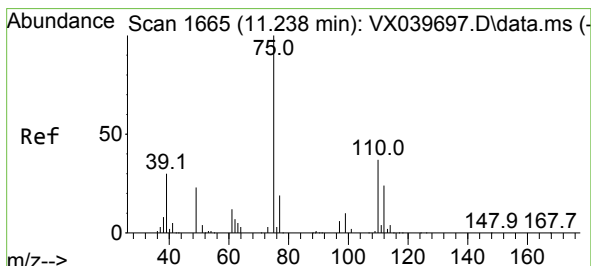
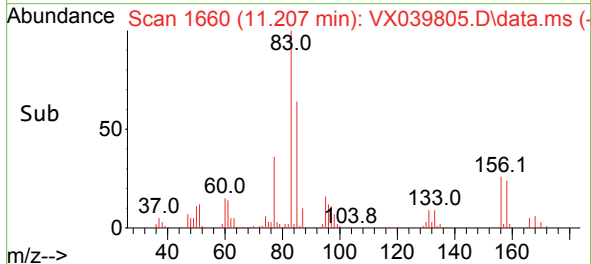
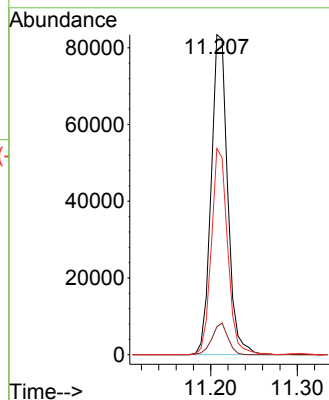
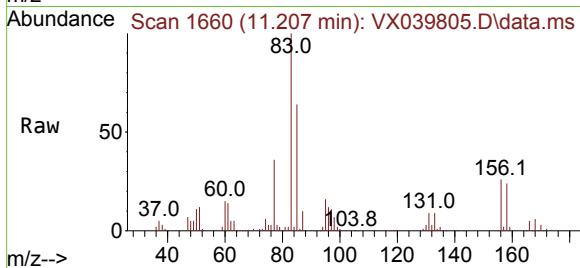
Tgt Ion: 83 Resp: 110246

Ion Ratio Lower Upper

83 100

131 9.5 5.3 15.8

85 63.7 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 62.890 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX039805.D

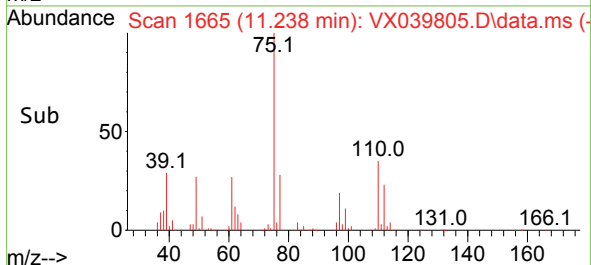
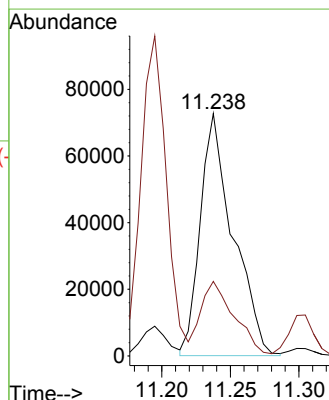
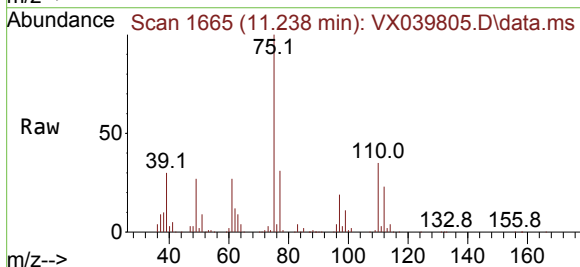
Acq: 18 Jan 2024 09:59

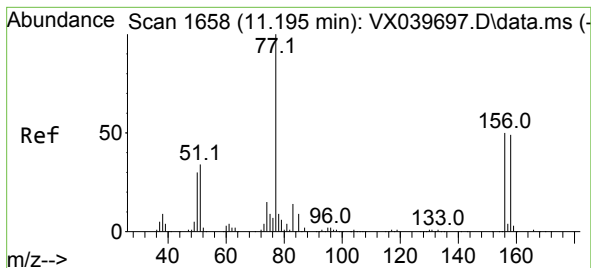
Tgt Ion: 75 Resp: 120887

Ion Ratio Lower Upper

75 100

77 31.7 19.1 57.5





#77

Bromobenzene

Concen: 52.014 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

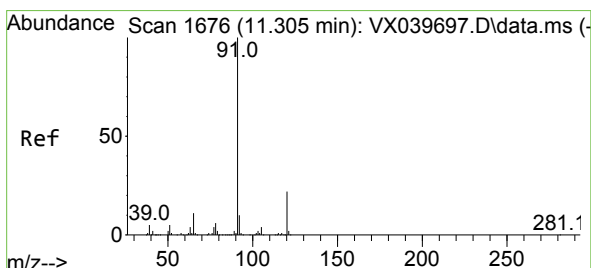
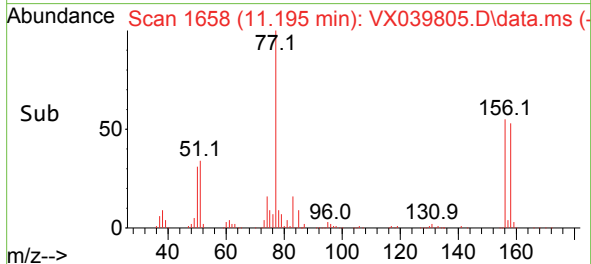
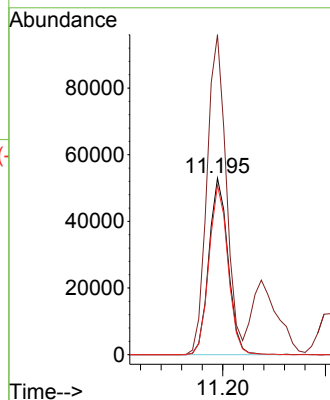
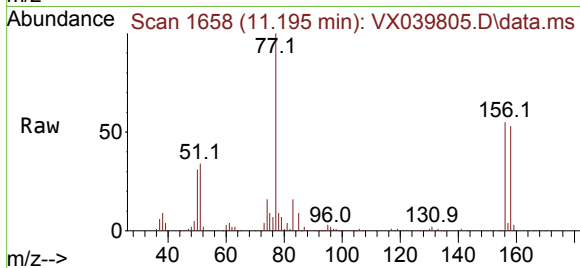
Tgt Ion:156 Resp: 68363

Ion Ratio Lower Upper

156 100

77 182.5 88.4 265.3

158 95.1 48.0 144.0



#78

n-propylbenzene

Concen: 52.716 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX039805.D

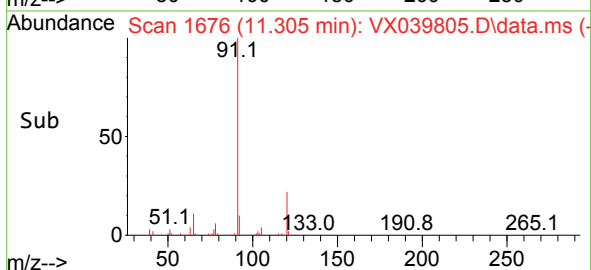
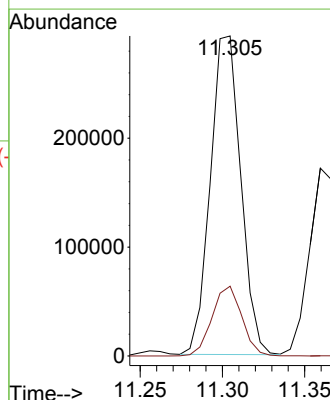
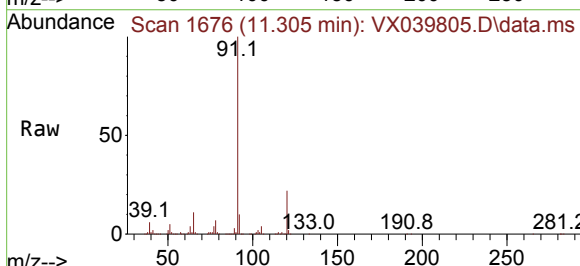
Acq: 18 Jan 2024 09:59

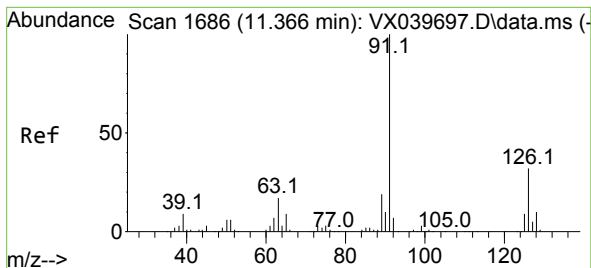
Tgt Ion: 91 Resp: 376627

Ion Ratio Lower Upper

91 100

120 21.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.112 ug/l

RT: 11.359 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

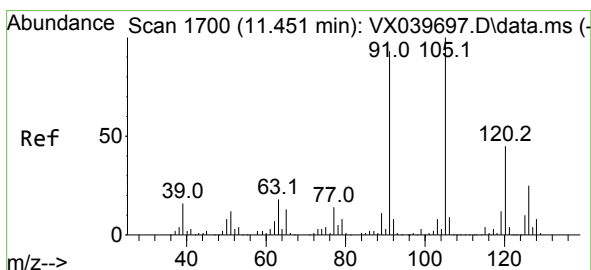
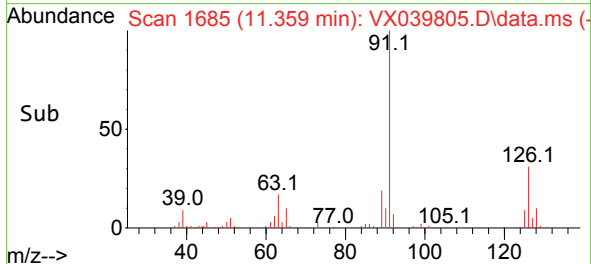
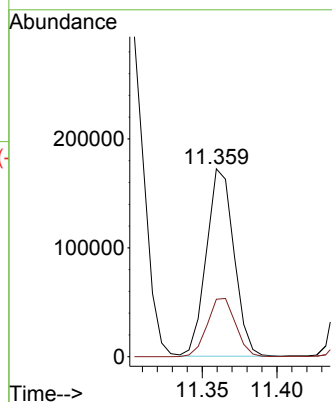
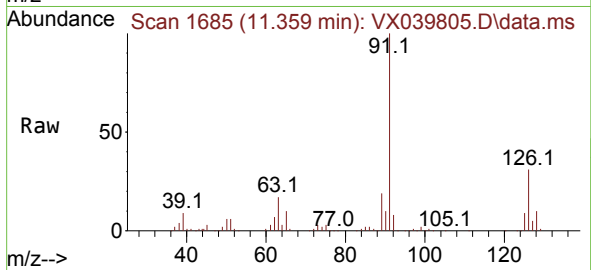
VSTDCCC050

Tgt Ion: 91 Resp: 221280

Ion Ratio Lower Upper

91 100

126 32.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 52.452 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039805.D

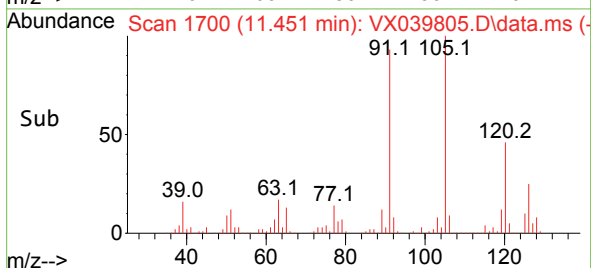
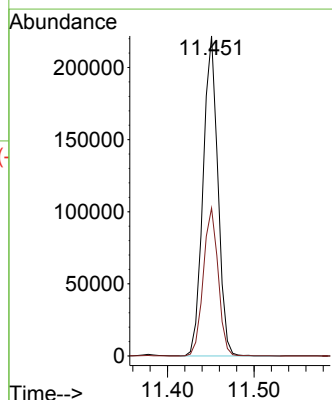
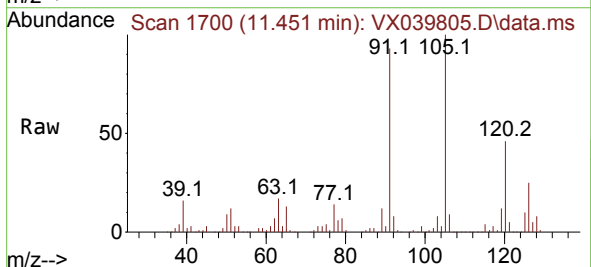
Acq: 18 Jan 2024 09:59

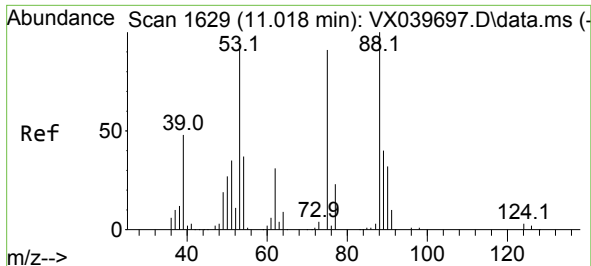
Tgt Ion: 105 Resp: 262963

Ion Ratio Lower Upper

105 100

120 46.4 24.1 72.3

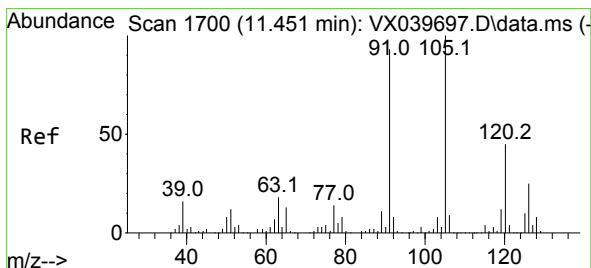
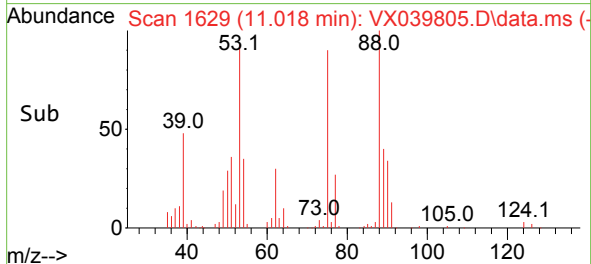
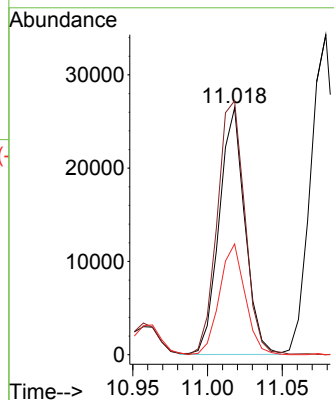
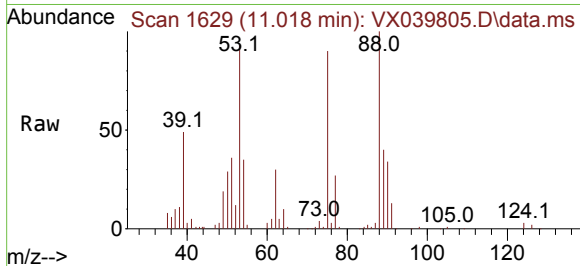




#81
trans-1,4-Dichloro-2-butene
Concen: 49.334 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

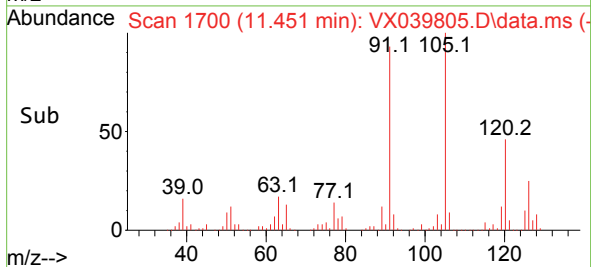
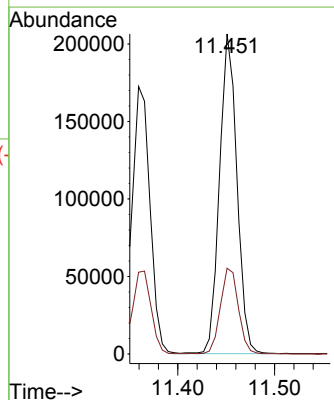
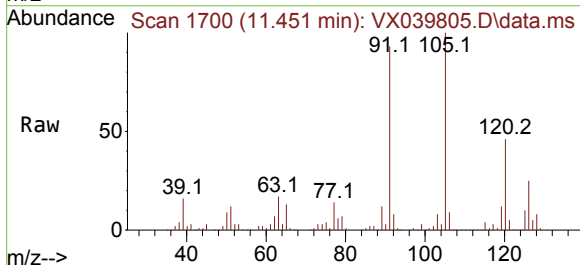
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

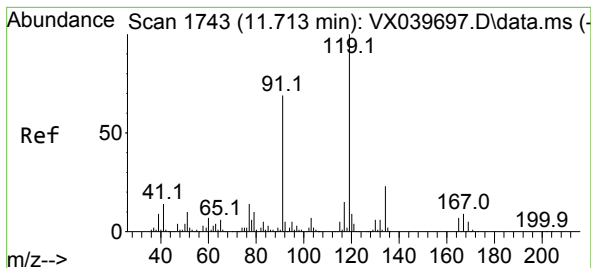
Tgt Ion: 75 Resp: 31713
Ion Ratio Lower Upper
75 100
53 110.3 90.5 135.7
89 44.6 36.9 55.3



#82
4-Chlorotoluene
Concen: 51.407 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion: 91 Resp: 257481
Ion Ratio Lower Upper
91 100
126 27.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.728 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

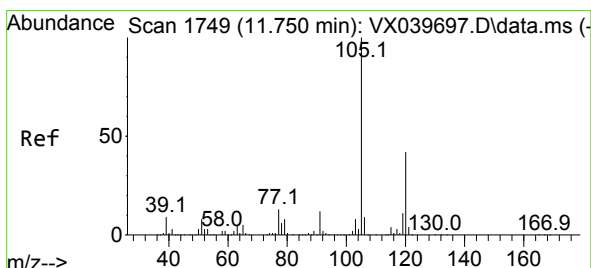
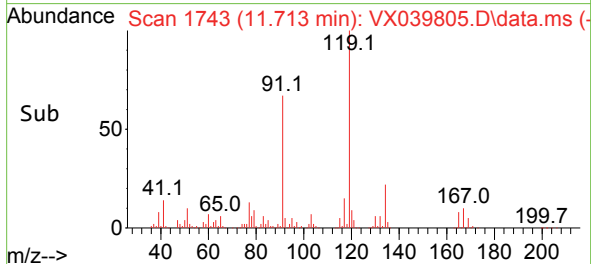
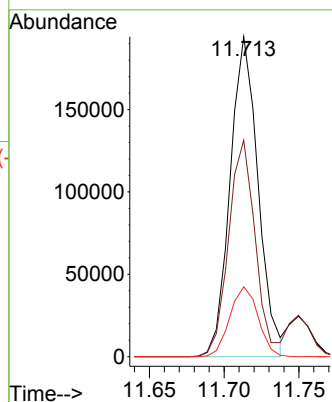
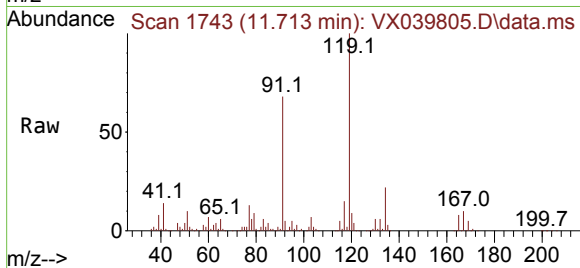
Tgt Ion:119 Resp: 252377

Ion Ratio Lower Upper

119 100

91 64.9 31.2 93.6

134 22.2 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 53.223 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039805.D

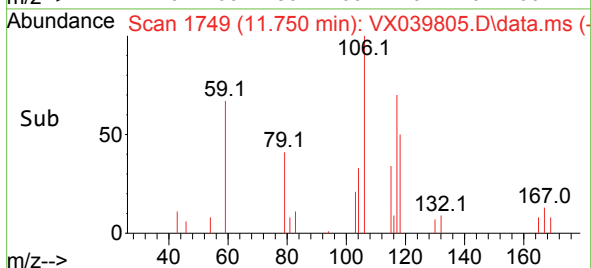
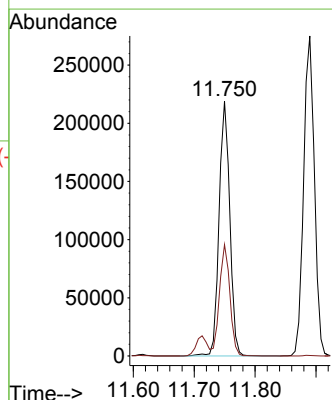
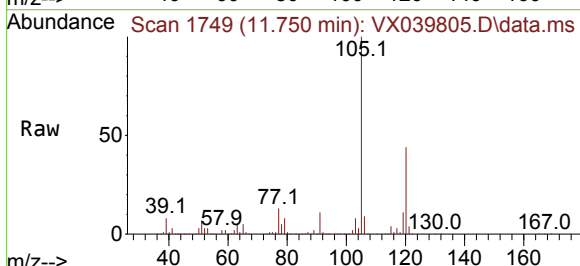
Acq: 18 Jan 2024 09:59

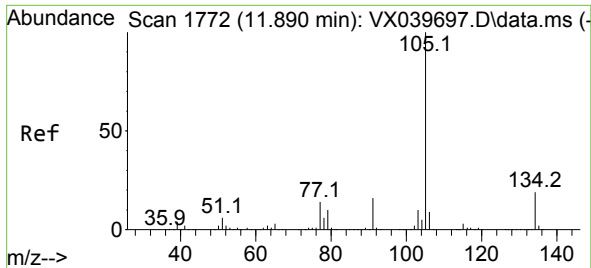
Tgt Ion:105 Resp: 266210

Ion Ratio Lower Upper

105 100

120 42.9 21.2 63.6

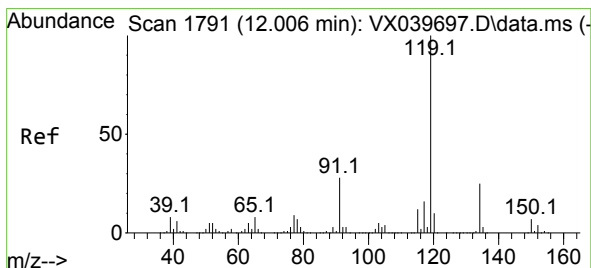
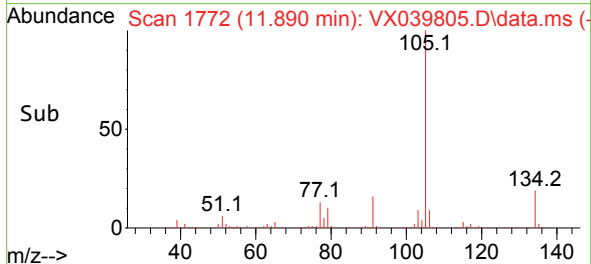
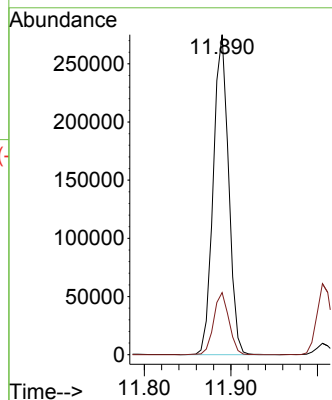
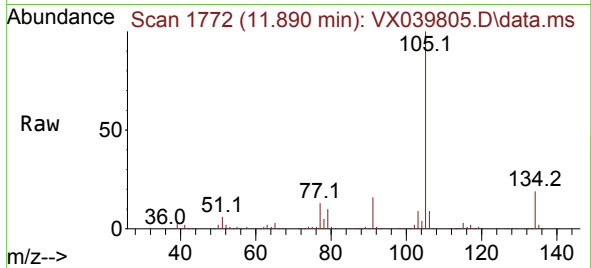




#85
 sec-Butylbenzene
 Concen: 54.328 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039805.D
 Acq: 18 Jan 2024 09:59

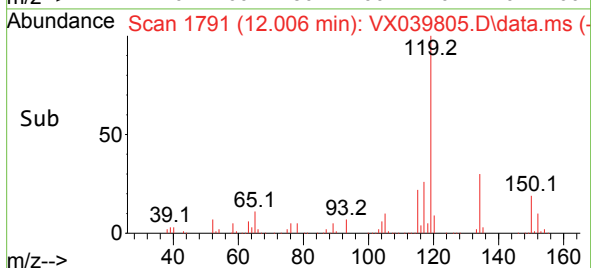
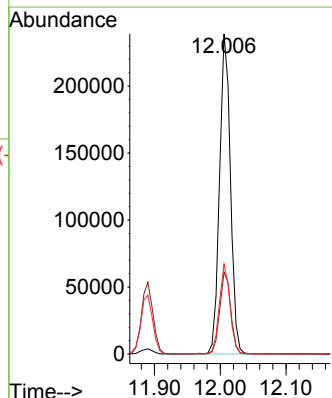
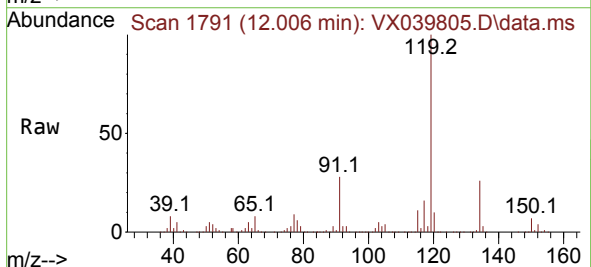
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

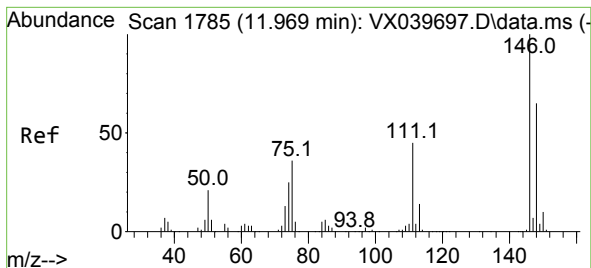
Tgt Ion:105 Resp: 337551
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 55.402 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039805.D
 Acq: 18 Jan 2024 09:59

Tgt Ion:119 Resp: 275114
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 27.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 53.882 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

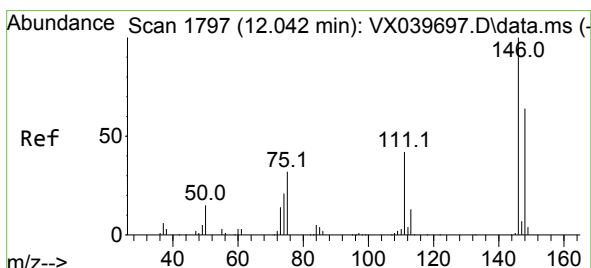
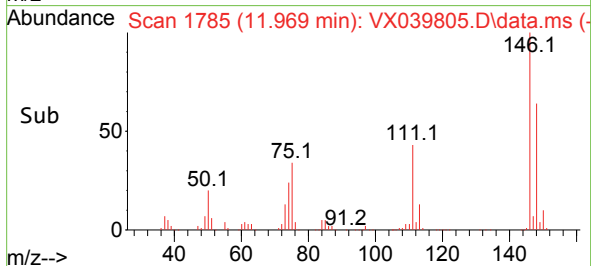
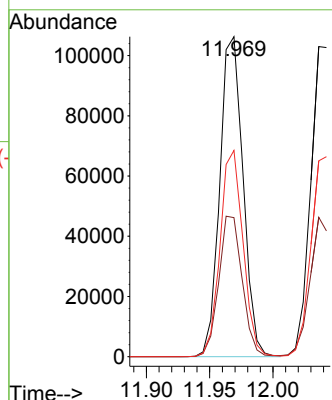
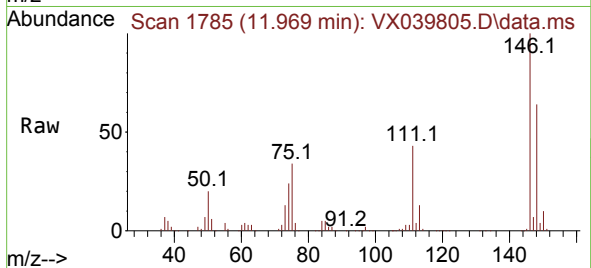
Tgt Ion:146 Resp: 135750

Ion Ratio Lower Upper

146 100

111 44.3 22.1 66.1

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 52.410 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

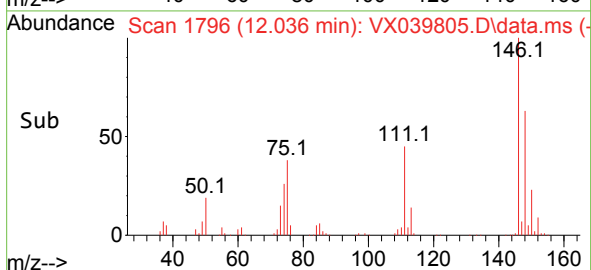
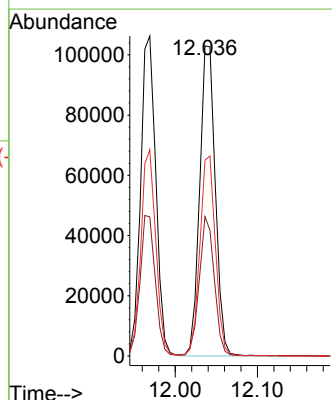
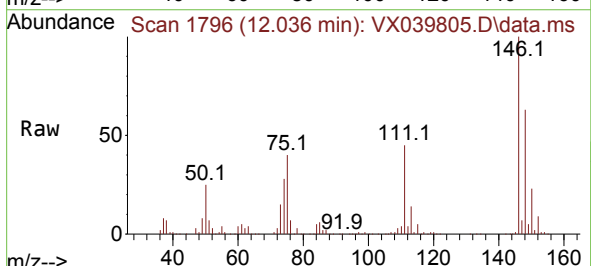
Tgt Ion:146 Resp: 136375

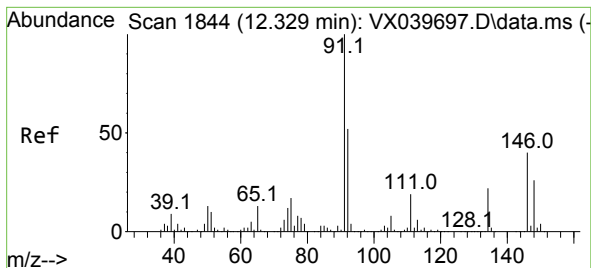
Ion Ratio Lower Upper

146 100

111 43.3 21.3 63.7

148 64.3 31.8 95.4

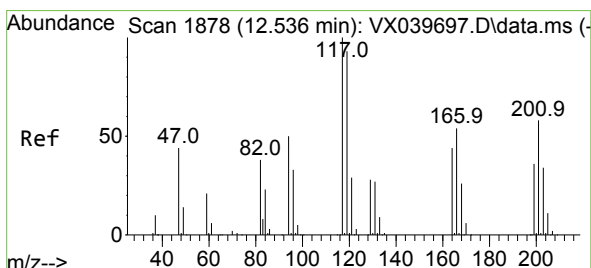
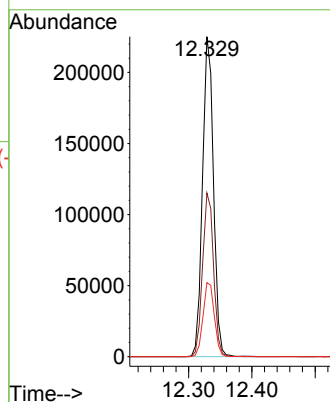
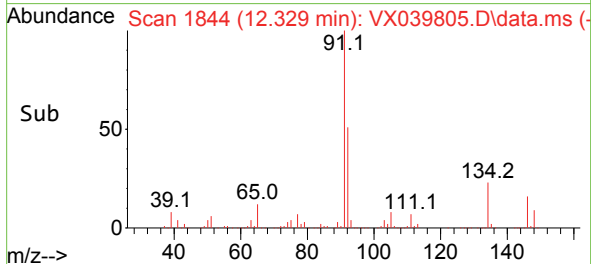
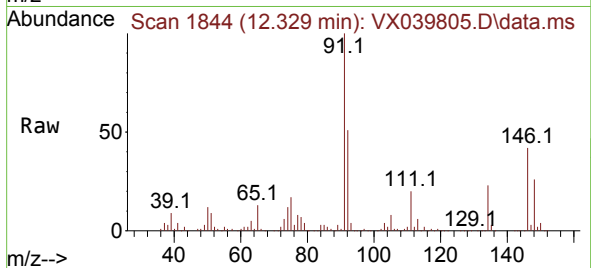




#89
n-Butylbenzene
Concen: 56.697 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

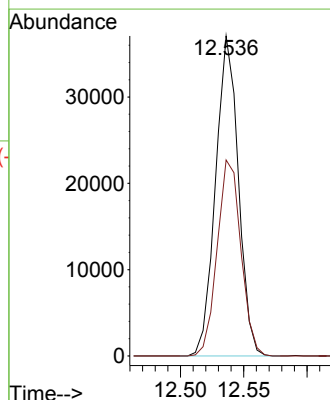
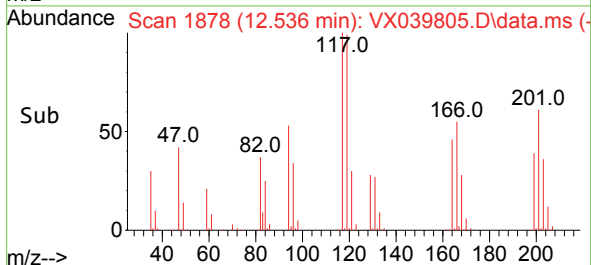
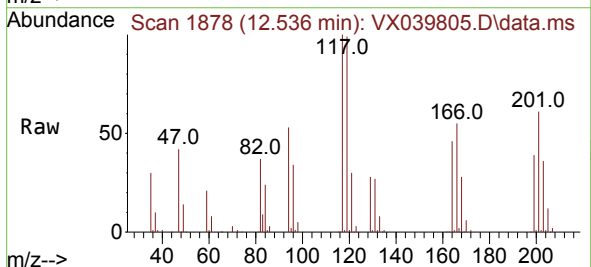
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

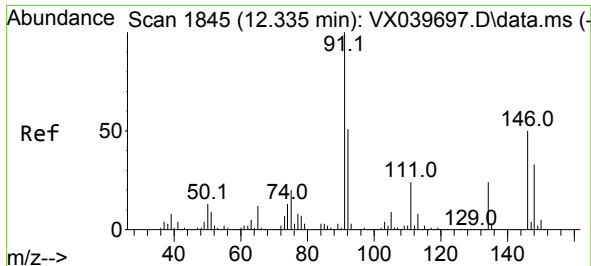
Tgt Ion: 91 Resp: 271932
Ion Ratio Lower Upper
91 100
92 51.4 27.4 82.0
134 23.9 12.6 37.8



#90
Hexachloroethane
Concen: 55.357 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion: 117 Resp: 46375
Ion Ratio Lower Upper
117 100
201 63.8 32.9 98.6

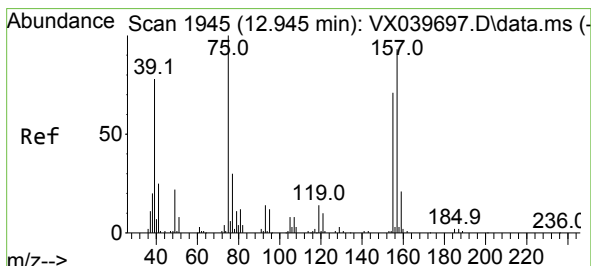
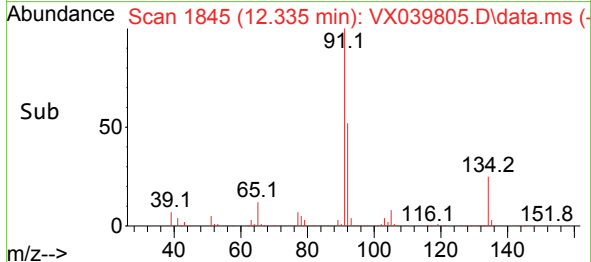
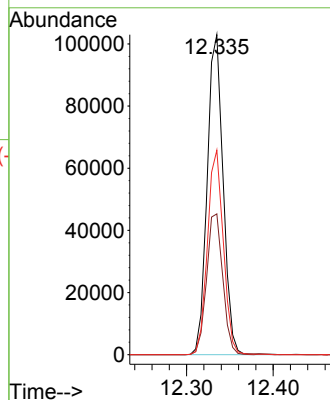
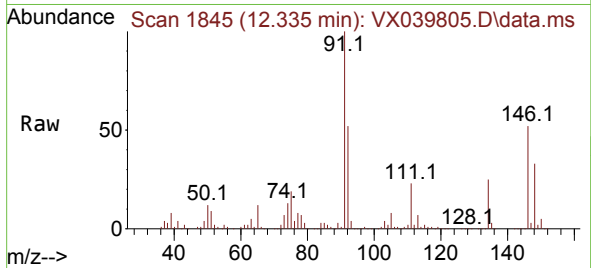




#91
1,2-Dichlorobenzene
Concen: 52.702 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

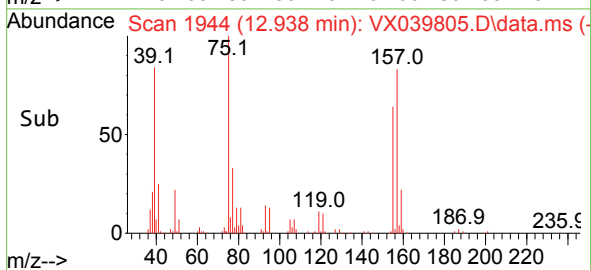
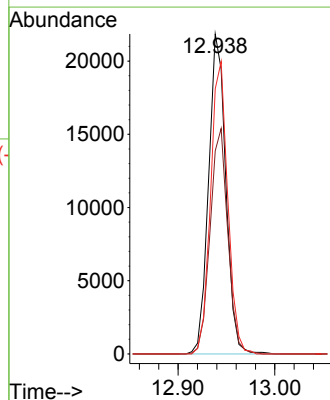
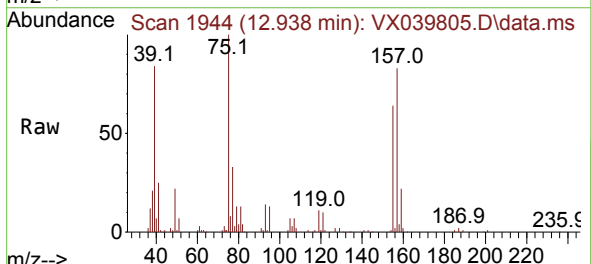
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

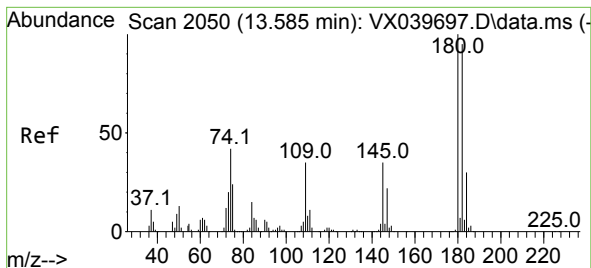
Tgt Ion:146 Resp: 131267
Ion Ratio Lower Upper
146 100
111 44.8 22.4 67.0
148 63.8 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.160 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion: 75 Resp: 27153
Ion Ratio Lower Upper
75 100
155 72.1 36.1 108.5
157 91.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 54.430 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

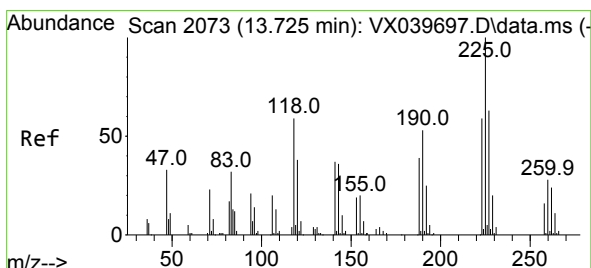
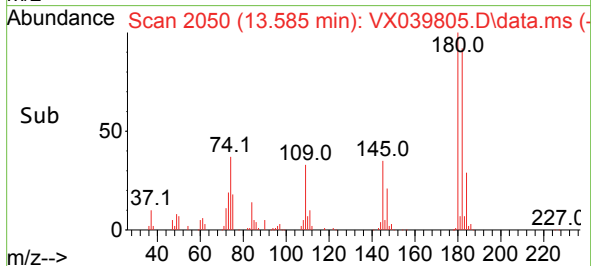
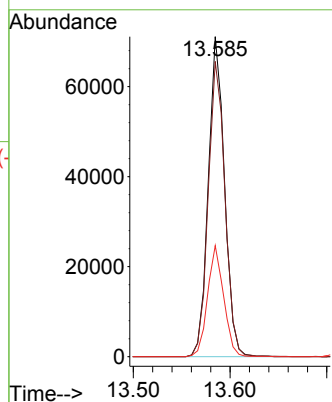
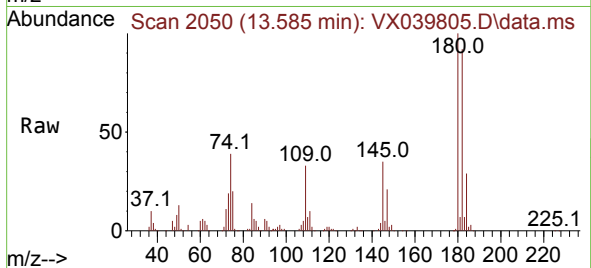
Tgt Ion:180 Resp: 82849

Ion Ratio Lower Upper

180 100

182 95.1 48.3 144.8

145 34.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 59.255 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX039805.D

Acq: 18 Jan 2024 09:59

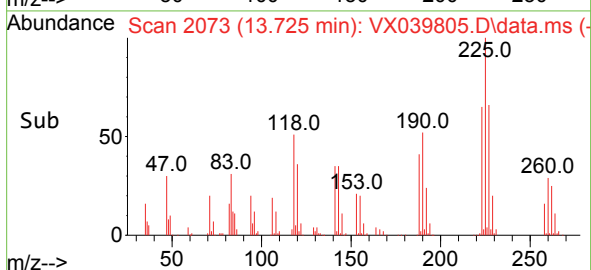
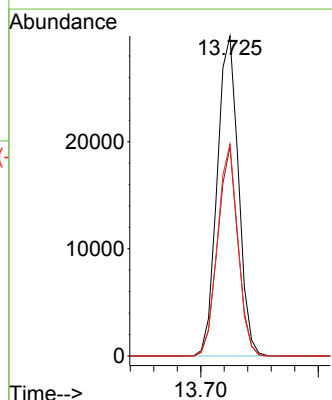
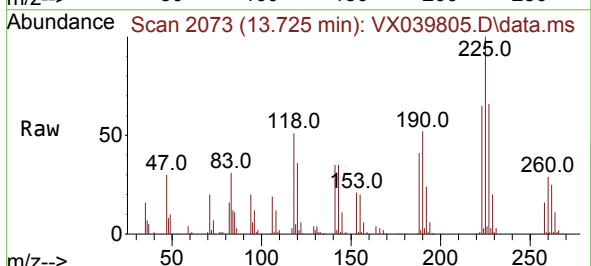
Tgt Ion:225 Resp: 37493

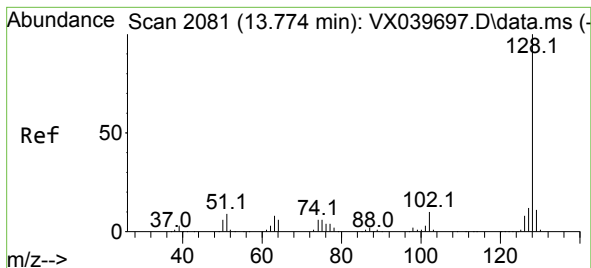
Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.2

227 63.5 32.5 97.5

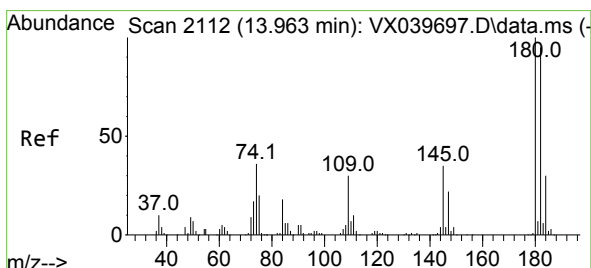
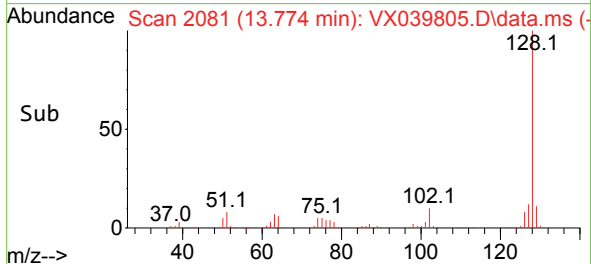
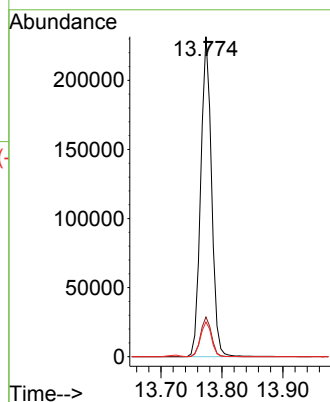
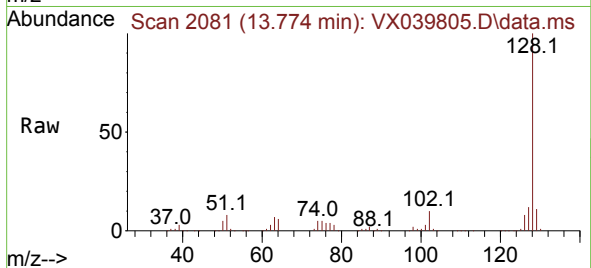




#95
Naphthalene
Concen: 51.015 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 285857
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.454 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX039805.D
Acq: 18 Jan 2024 09:59

Tgt Ion:180 Resp: 80579
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.6
145 36.3 17.8 53.5

