

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037070.D
 Acq On : 18 Aug 2023 09:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 19 05:04:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	179864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	299377	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	134144	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	126429	48.757	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.520%
35) Dibromofluoromethane	5.379	113	103949	52.428	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.860%
50) Toluene-d8	8.647	98	379808	52.810	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.620%
62) 4-Bromofluorobenzene	11.079	95	144847	51.249	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	116811	55.908	ug/l	100
3) Chloromethane	1.295	50	90684	49.612	ug/l	98
4) Vinyl Chloride	1.374	62	102874	51.705	ug/l	99
5) Bromomethane	1.599	94	47677	48.107	ug/l	99
6) Chloroethane	1.679	64	63470	54.210	ug/l	97
7) Trichlorofluoromethane	1.886	101	179109	54.956	ug/l	98
8) Diethyl Ether	2.130	74	62472	49.544	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	101377	53.319	ug/l	97
10) Methyl Iodide	2.447	142	116712	50.506	ug/l	96
11) Tert butyl alcohol	2.959	59	129169	212.354	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	94871	51.240	ug/l	86
13) Acrolein	2.233	56	103781	224.275	ug/l	99
14) Allyl chloride	2.660	41	148105	51.680	ug/l #	93
15) Acrylonitrile	3.063	53	253571	233.558	ug/l	99
16) Acetone	2.380	43	269505	265.671	ug/l	91
17) Carbon Disulfide	2.508	76	242626	51.517	ug/l	100
18) Methyl Acetate	2.703	43	176568	46.228	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	344902	49.117	ug/l	97
20) Methylene Chloride	2.788	84	102495	45.180	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	105827	50.280	ug/l	88
22) Diisopropyl ether	3.758	45	293062	49.834	ug/l #	86
23) Vinyl Acetate	3.721	43	1136386	252.166	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	184506	50.032	ug/l	97
25) 2-Butanone	4.550	43	367522	240.615	ug/l #	87
26) 2,2-Dichloropropane	4.471	77	181528	55.118	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	122768	49.477	ug/l	91
28) Bromochloromethane	4.891	49	84090	51.044	ug/l #	77
29) Tetrahydrofuran	5.001	42	221145	227.028	ug/l #	84
30) Chloroform	5.087	83	203621	49.187	ug/l	99
31) Cyclohexane	5.465	56	153554	52.665	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	190991	51.484	ug/l	96
36) 1,1-Dichloropropene	5.690	75	148772	52.814	ug/l	97
37) Ethyl Acetate	4.709	43	138759	48.223	ug/l #	94
38) Carbon Tetrachloride	5.672	117	169224	55.304	ug/l	98
39) Methylcyclohexane	7.379	83	167888	56.728	ug/l	90
40) Benzene	6.032	78	420456	52.044	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	74456	49.775	ug/l #	89
42) 1,2-Dichloroethane	6.080	62	162055	51.151	ug/l	96
43) Isopropyl Acetate	6.336	43	232579	50.911	ug/l #	92
44) Trichloroethene	7.123	130	119426	52.133	ug/l	99
45) 1,2-Dichloropropane	7.428	63	104126	52.272	ug/l	97
46) Dibromomethane	7.580	93	80579	51.349	ug/l	94
47) Bromodichloromethane	7.818	83	161975	53.889	ug/l	98
48) Methyl methacrylate	7.690	41	113251	50.834	ug/l #	88
49) 1,4-Dioxane	7.653	88	53978	899.625	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	673139	242.659	ug/l	91
52) Toluene	8.714	92	278167	52.112	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	180157	56.292	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	188361	54.464	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	112013	51.535	ug/l	98
56) Ethyl methacrylate	9.116	69	174427	51.234	ug/l	88
57) 1,3-Dichloropropane	9.305	76	186694	50.952	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	430930	263.756	ug/l	92
59) 2-Hexanone	9.427	43	520428	246.052	ug/l	89
60) Dibromochloromethane	9.519	129	126733	54.764	ug/l	100
61) 1,2-Dibromoethane	9.610	107	122158	51.332	ug/l	100
64) Tetrachloroethene	9.275	164	102306	52.064	ug/l	98
65) Chlorobenzene	10.080	112	296021	51.998	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	114686	54.582	ug/l	100
67) Ethyl Benzene	10.189	91	537719	53.678	ug/l	99
68) m/p-Xylenes	10.299	106	412650	106.669	ug/l	99
69) o-Xylene	10.640	106	201993	52.923	ug/l	99
70) Styrene	10.653	104	334685	53.234	ug/l	98
71) Bromoform	10.799	173	88961	56.602	ug/l #	98
73) Isopropylbenzene	10.964	105	524494	53.793	ug/l	98
74) N-amyl acetate	10.842	43	194261	51.275	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	161068	49.052	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	188845	66.103	ug/l	90
77) Bromobenzene	11.195	156	125440	52.678	ug/l	93
78) n-propylbenzene	11.305	91	593501	54.665	ug/l	99
79) 2-Chlorotoluene	11.360	91	361265	52.070	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	438764	53.946	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	56197	54.942	ug/l	86
82) 4-Chlorotoluene	11.451	91	425067	53.074	ug/l	99
83) tert-Butylbenzene	11.713	119	419884	54.131	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	440322	53.567	ug/l	97
85) sec-Butylbenzene	11.890	105	502526	55.465	ug/l	99
86) p-Isopropyltoluene	12.006	119	432698	55.477	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	231164	51.851	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	232384	50.451	ug/l	99
89) n-Butylbenzene	12.329	91	369645	57.164	ug/l	99
90) Hexachloroethane	12.536	117	75694	58.145	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	225349	51.619	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38966	51.071	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	135176	52.919	ug/l	99
94) Hexachlorobutadiene	13.725	225	56703	57.460	ug/l	98
95) Naphthalene	13.774	128	488860	43.690	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	134963	53.180	ug/l	99

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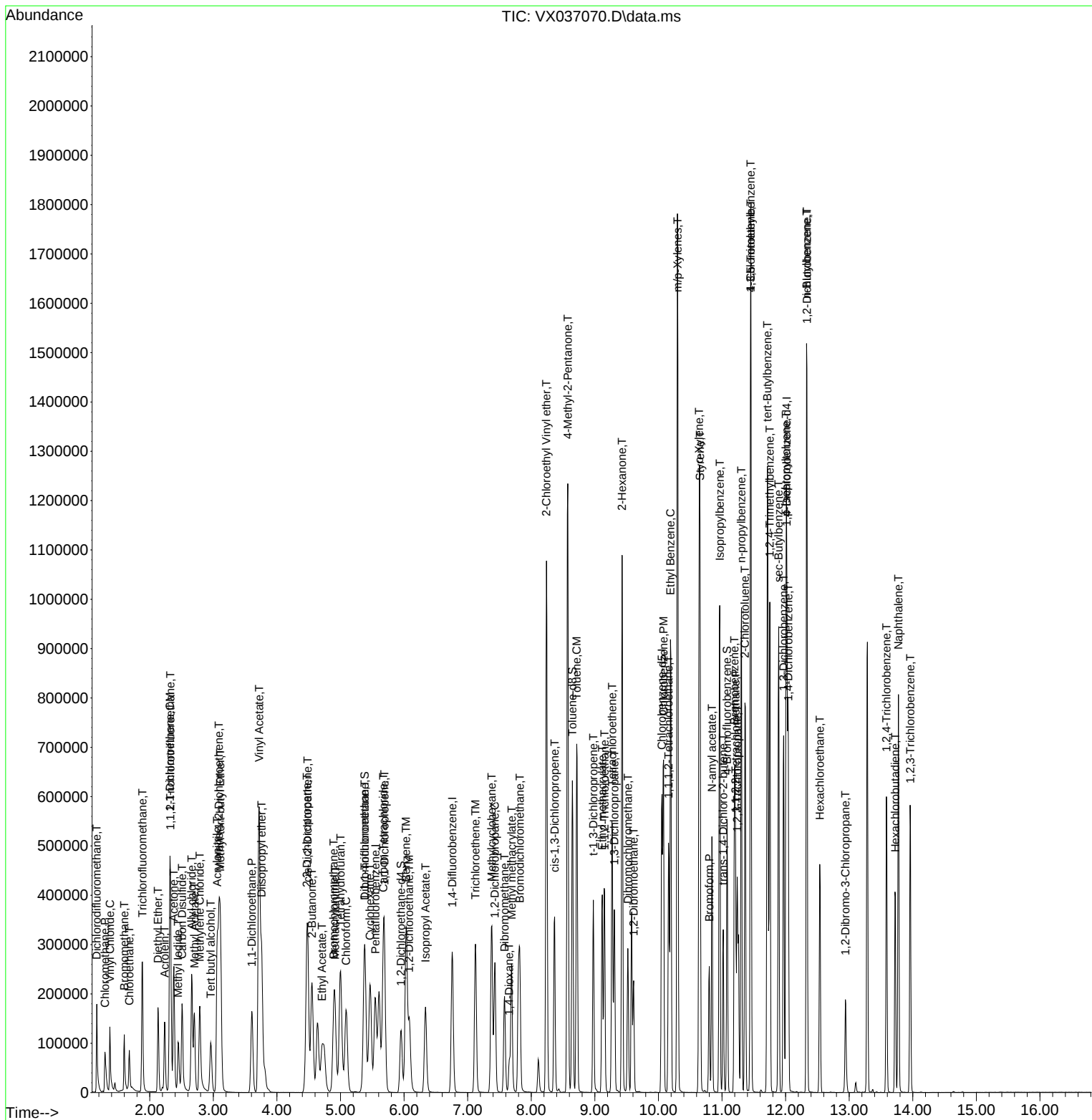
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

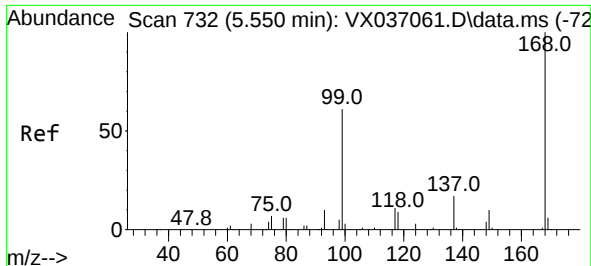
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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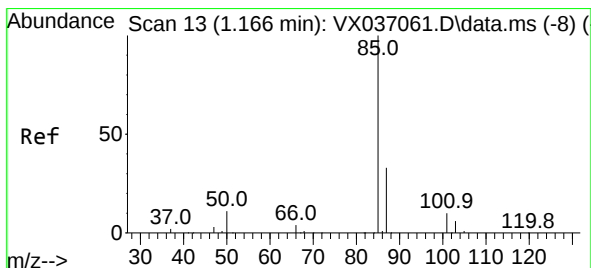
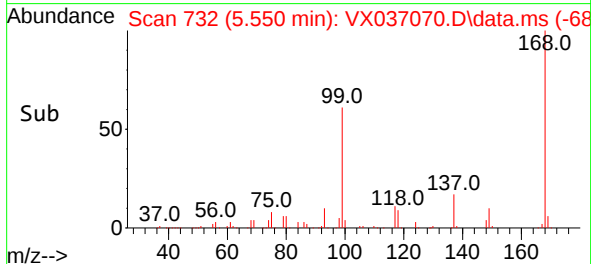
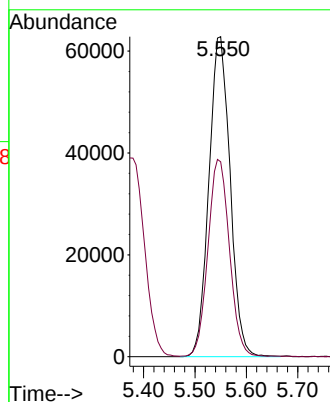
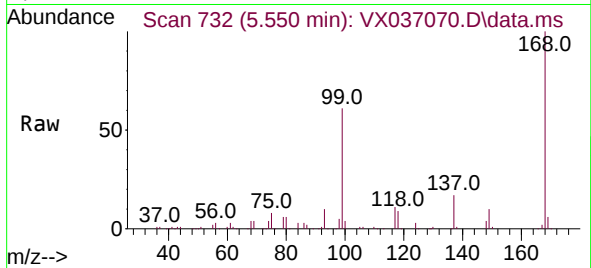




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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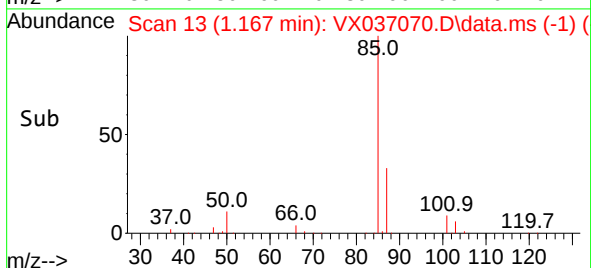
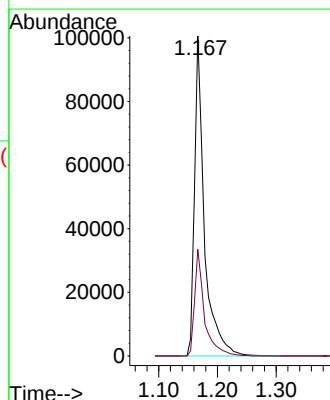
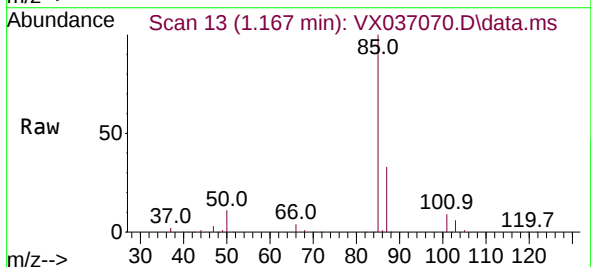
Instrument :
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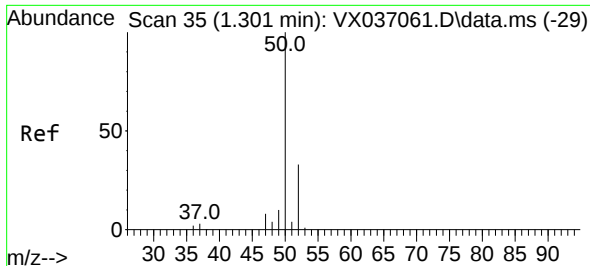
Tgt Ion:168 Resp: 179864
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 55.908 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion: 85 Resp: 116811
Ion Ratio Lower Upper
85 100
87 33.3 16.7 50.1

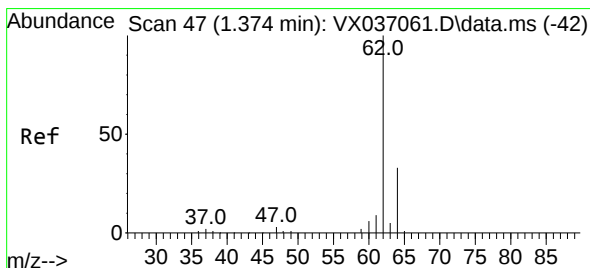
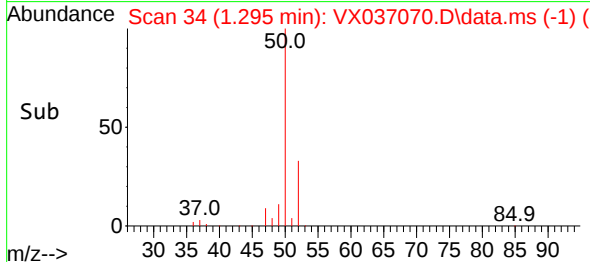
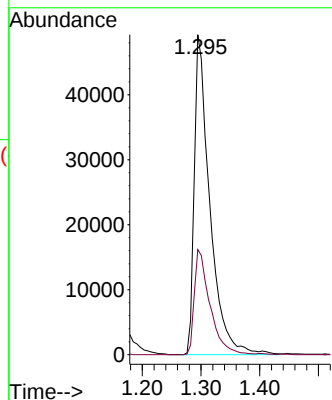
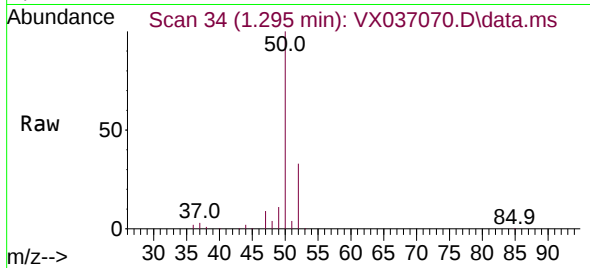




#3
Chloromethane
Concen: 49.612 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

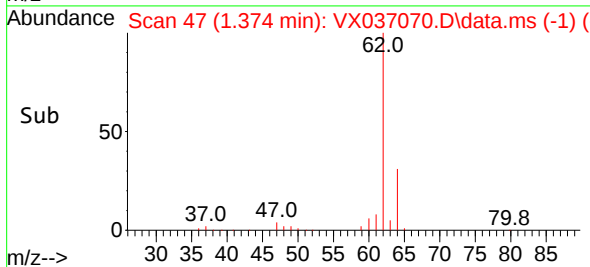
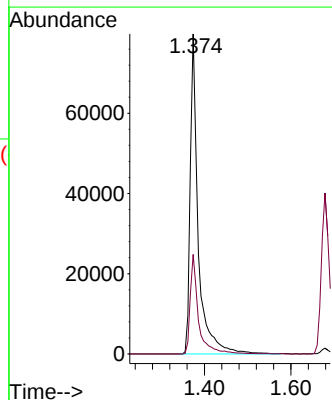
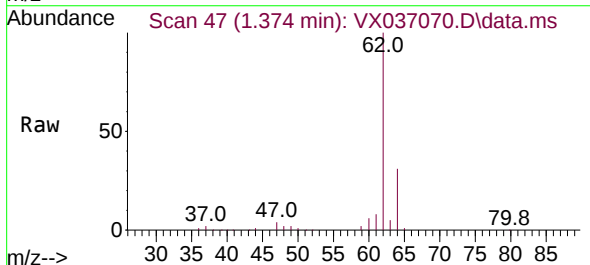
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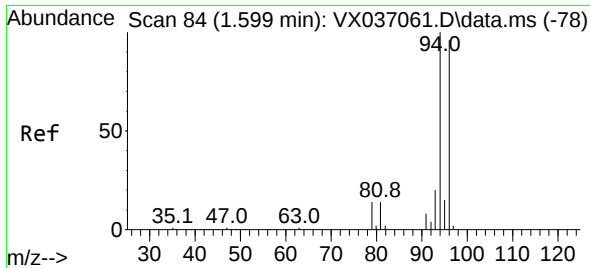
Tgt Ion: 50 Resp: 90684
Ion Ratio Lower Upper
50 100
52 32.9 25.5 38.3



#4
Vinyl Chloride
Concen: 51.705 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion: 62 Resp: 102874
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.0

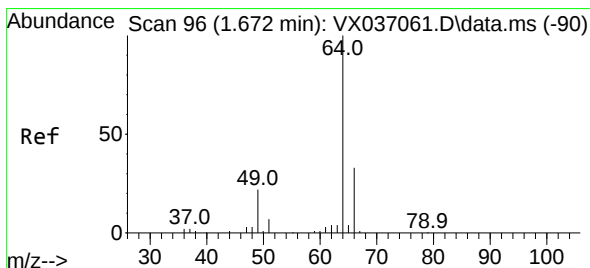
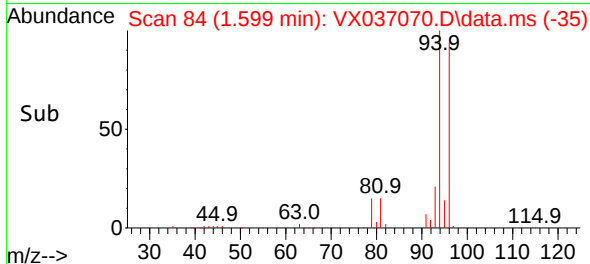
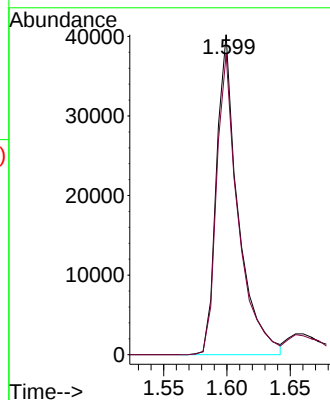
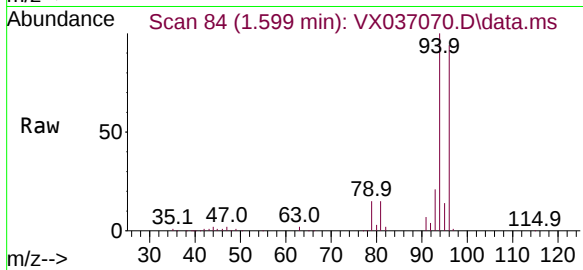




#5
Bromomethane
Concen: 48.107 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

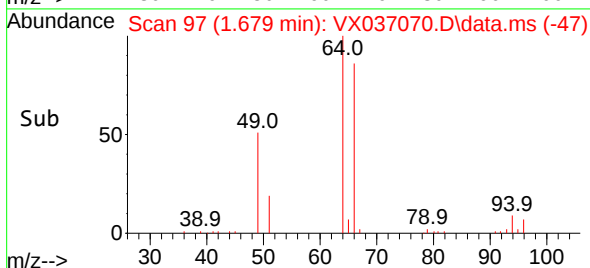
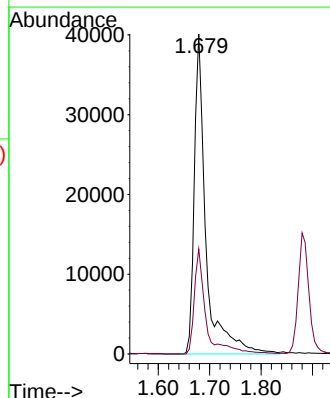
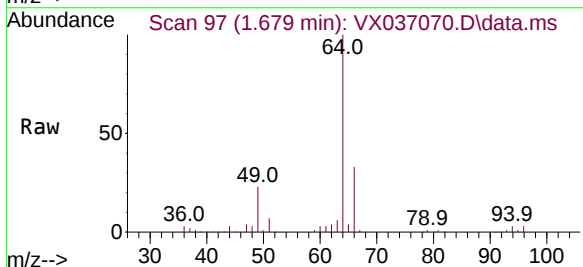
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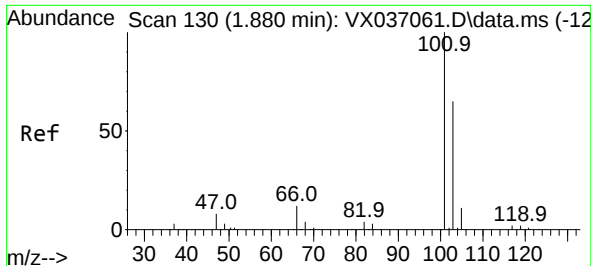
Tgt Ion: 94 Resp: 47677
Ion Ratio Lower Upper
94 100
96 93.9 74.6 111.8



#6
Chloroethane
Concen: 54.210 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.007 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion: 64 Resp: 63470
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7

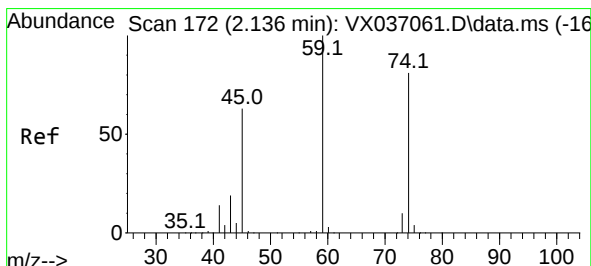
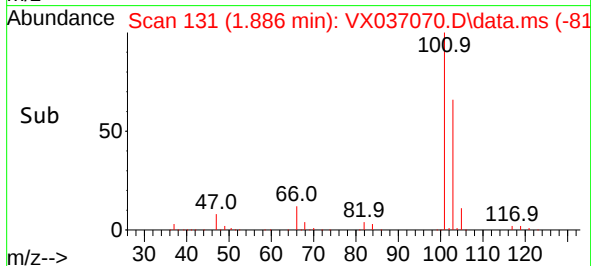
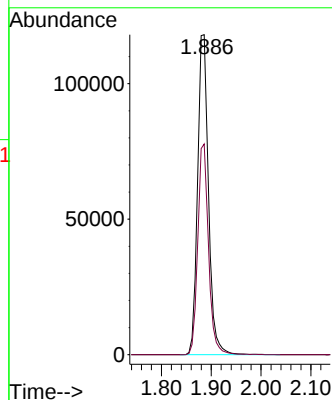
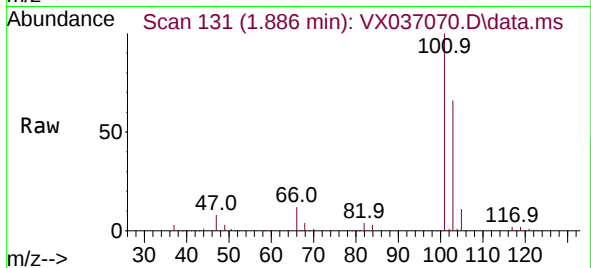




#7
Trichlorofluoromethane
Concen: 54.956 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

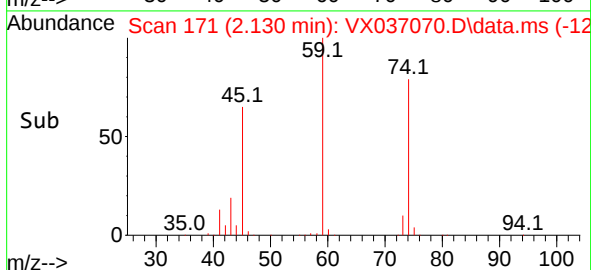
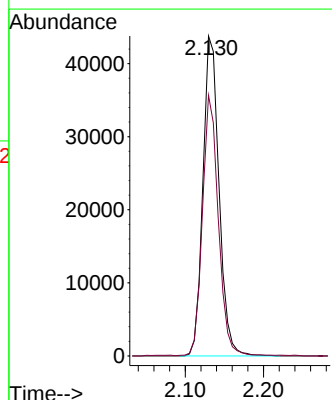
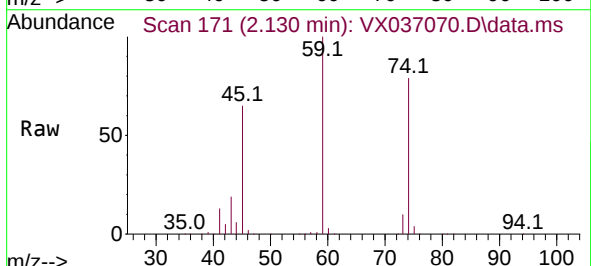
Instrument :
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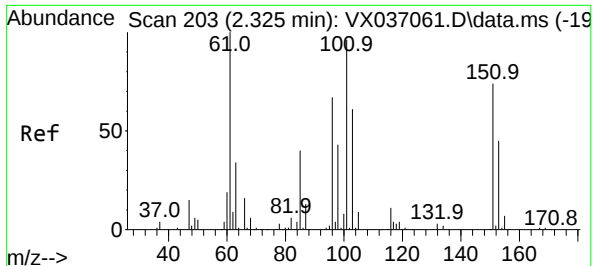
Tgt Ion:101 Resp: 179109
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.2



#8
Diethyl Ether
Concen: 49.544 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX037070.D
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Tgt Ion: 74 Resp: 62472
Ion Ratio Lower Upper
74 100
45 81.0 53.3 159.8

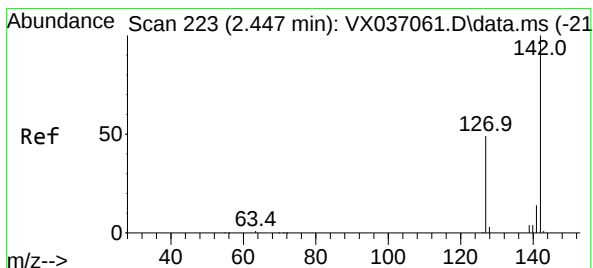
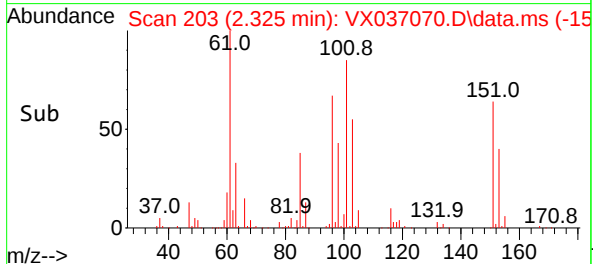
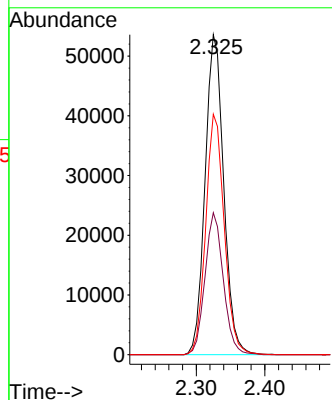
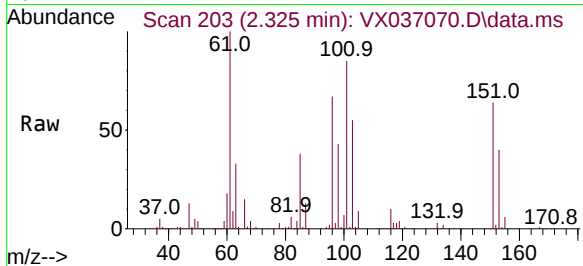




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.319 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

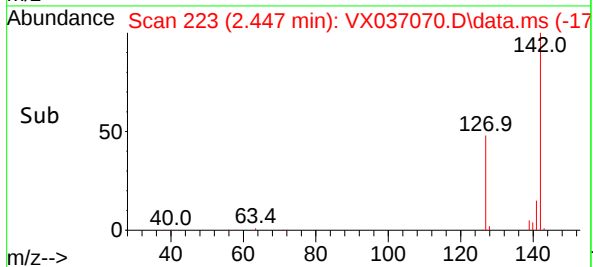
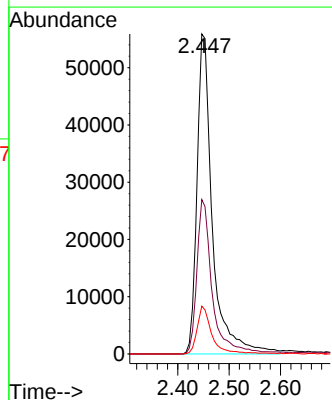
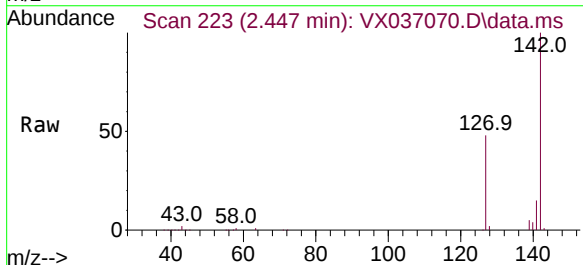
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

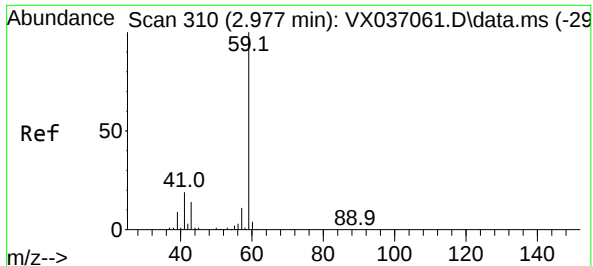
Tgt Ion:101 Resp: 101377
Ion Ratio Lower Upper
101 100
85 43.7 37.0 55.6
151 74.7 58.6 87.8



#10
Methyl Iodide
Concen: 50.506 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion:142 Resp: 116712
Ion Ratio Lower Upper
142 100
127 48.6 41.6 62.4
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 212.354 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

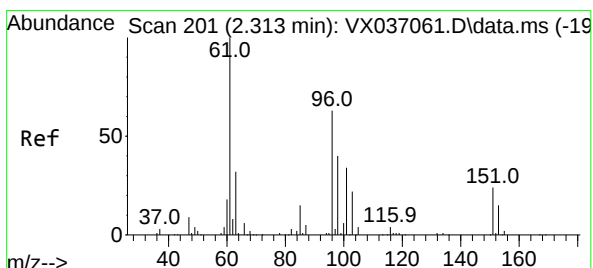
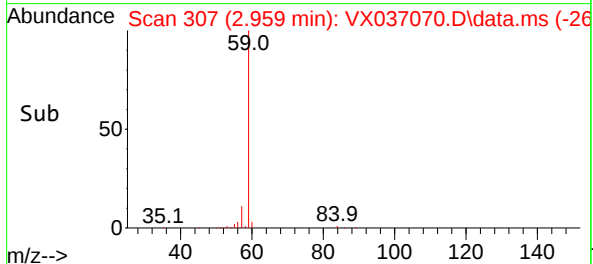
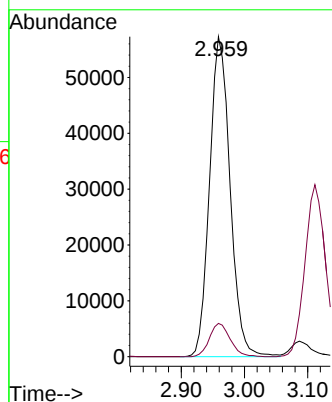
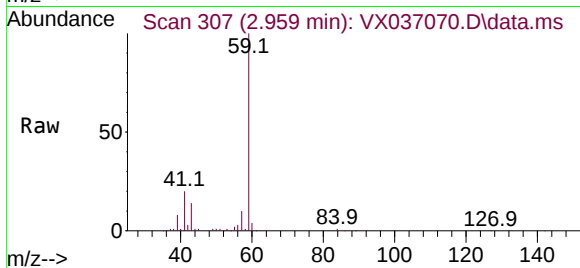
VSTDCCC050

Tgt Ion: 59 Resp: 129169

Ion Ratio Lower Upper

59 100

57 10.5 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 51.240 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

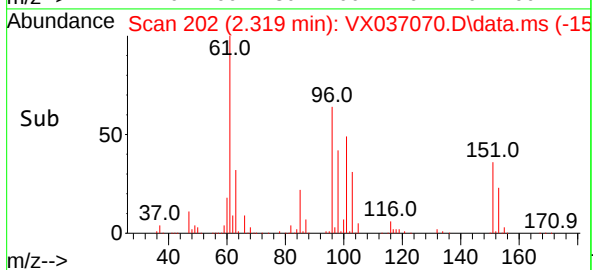
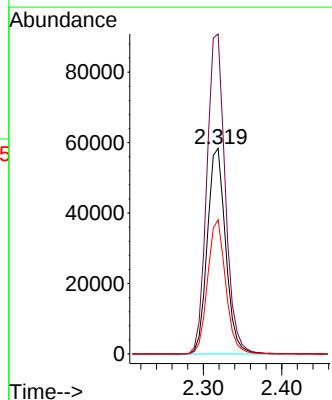
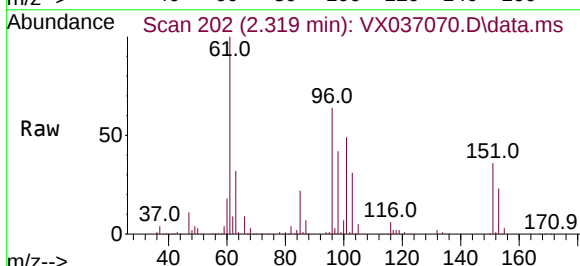
Tgt Ion: 96 Resp: 94871

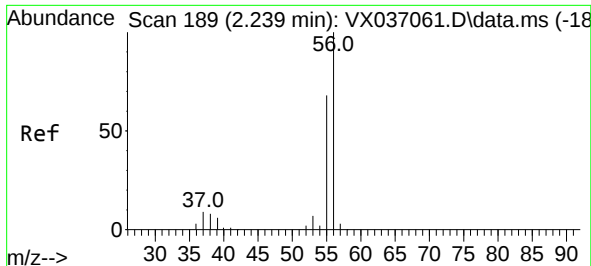
Ion Ratio Lower Upper

96 100

61 155.7 144.6 216.8

98 65.3 50.4 75.6

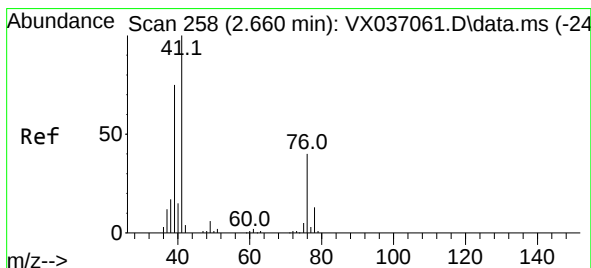
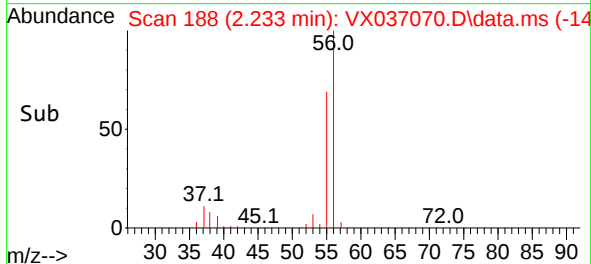
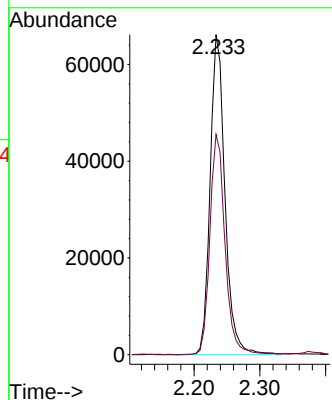
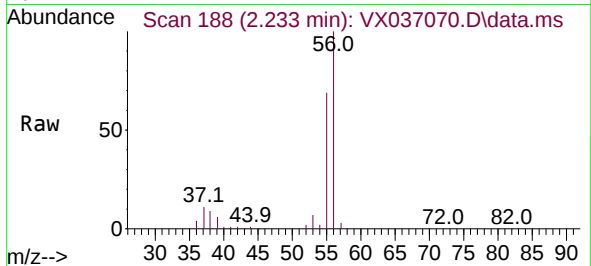




#13
Acrolein
Concen: 224.275 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

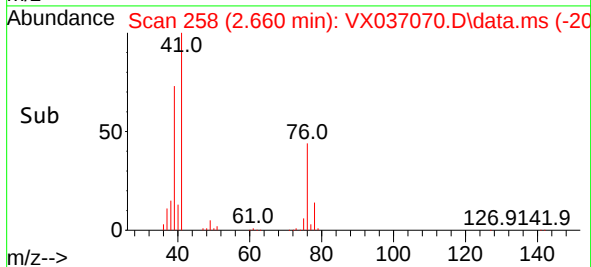
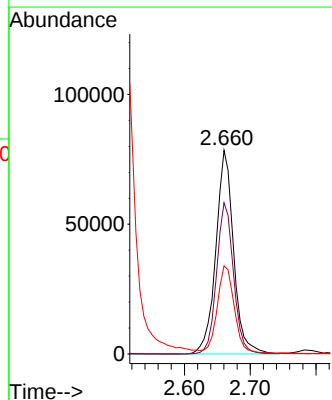
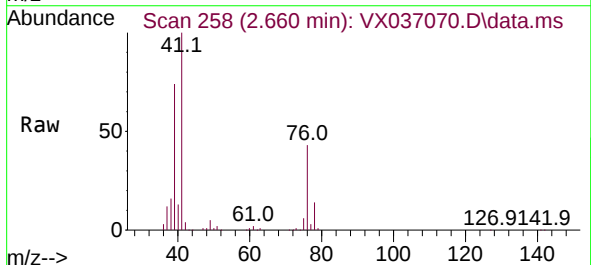
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

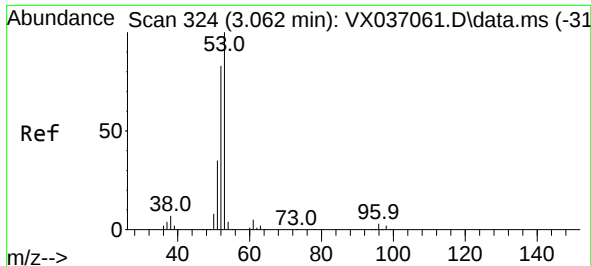
Tgt Ion: 56 Resp: 103781
Ion Ratio Lower Upper
56 100
55 70.5 57.1 85.7



#14
Allyl chloride
Concen: 51.680 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion: 41 Resp: 148105
Ion Ratio Lower Upper
41 100
39 70.5 55.8 83.6
76 42.2 24.3 36.5

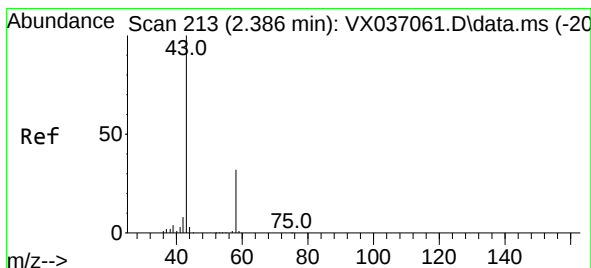
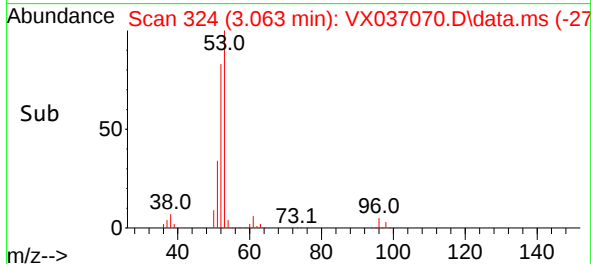
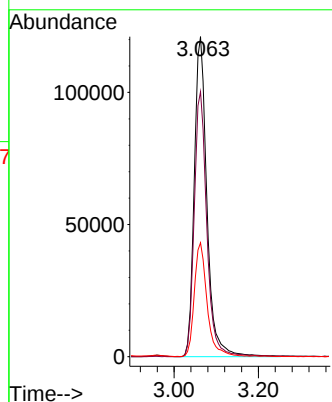
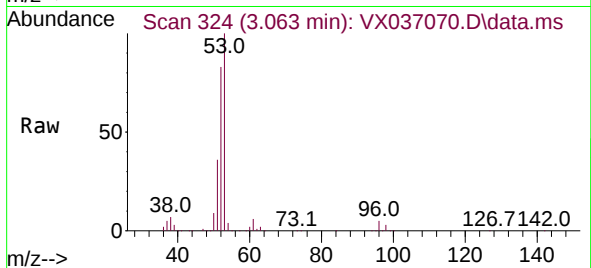




#15
Acrylonitrile
Concen: 233.558 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

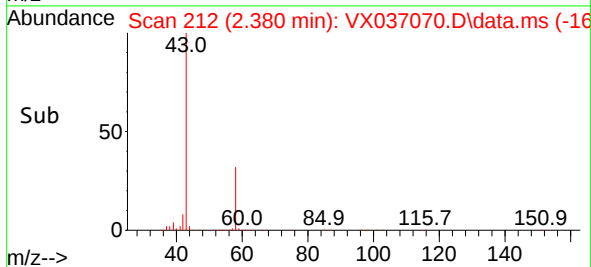
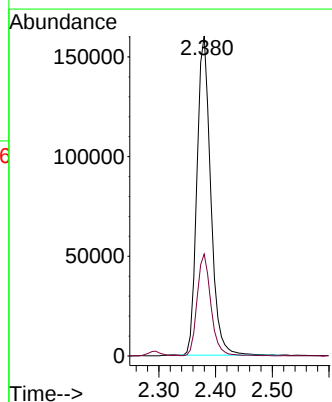
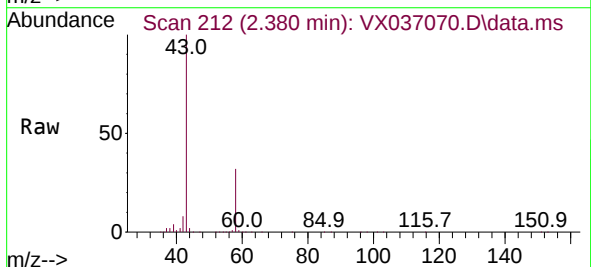
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

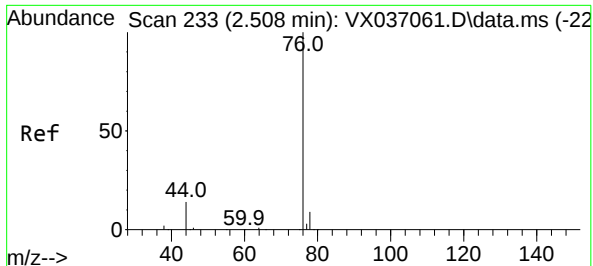
Tgt Ion: 53 Resp: 253571
Ion Ratio Lower Upper
53 100
52 82.1 66.0 99.0
51 35.9 29.8 44.6



#16
Acetone
Concen: 265.671 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion: 43 Resp: 269505
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9





#17

Carbon Disulfide

Concen: 51.517 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

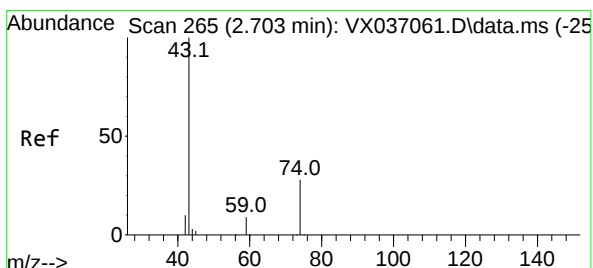
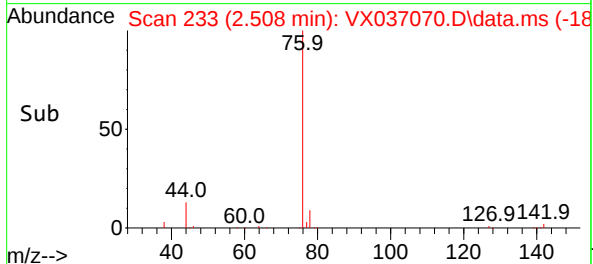
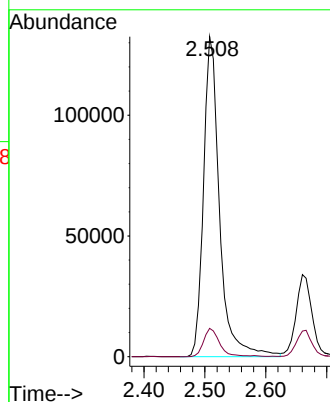
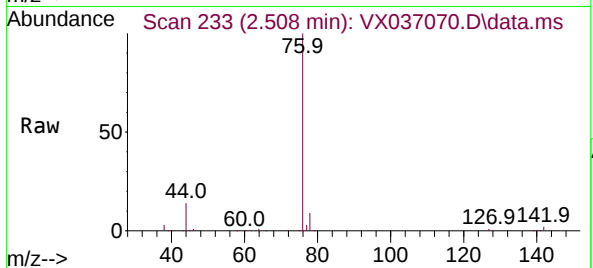
VSTDCCC050

Tgt Ion: 76 Resp: 242626

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



#18

Methyl Acetate

Concen: 46.228 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX037070.D

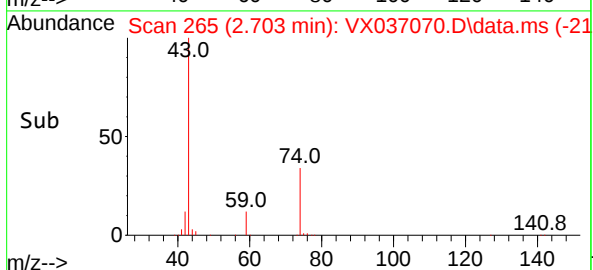
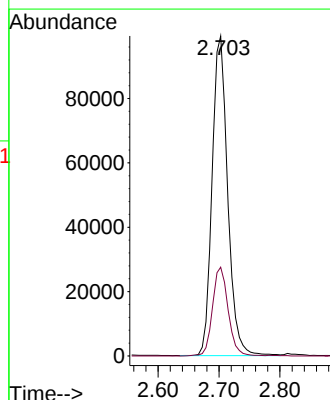
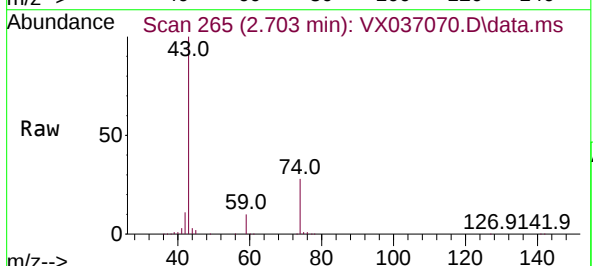
Acq: 18 Aug 2023 09:26

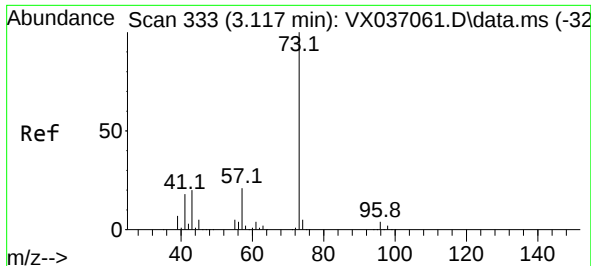
Tgt Ion: 43 Resp: 176568

Ion Ratio Lower Upper

43 100

74 27.9 17.8 26.8#

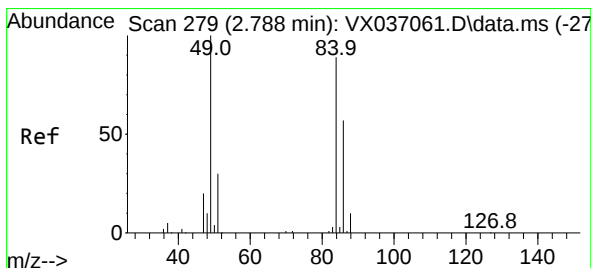
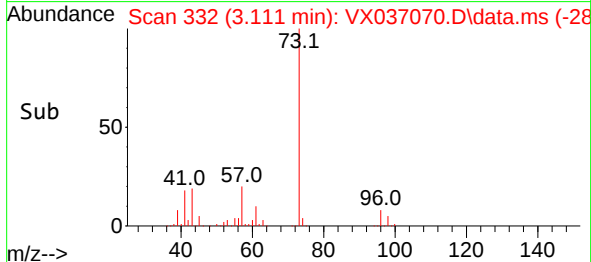
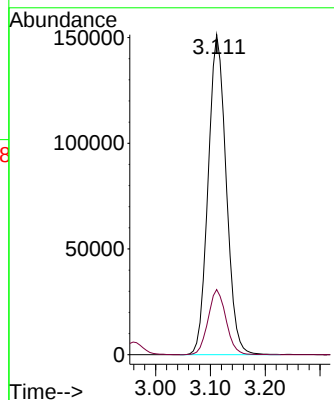
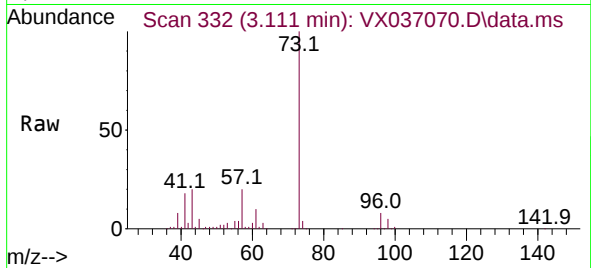




#19
Methyl tert-butyl Ether
Concen: 49.117 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

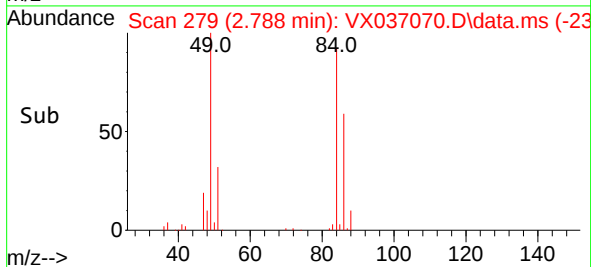
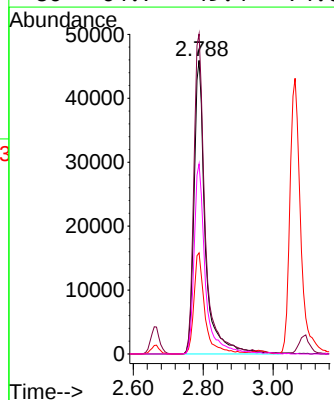
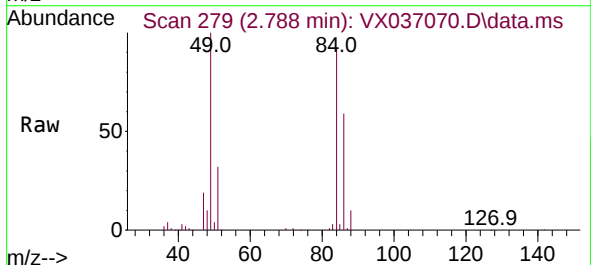
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

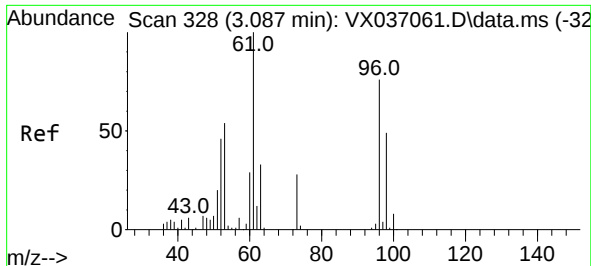
Tgt Ion: 73 Resp: 344902
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9



#20
Methylene Chloride
Concen: 45.180 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion: 84 Resp: 102495
Ion Ratio Lower Upper
84 100
49 109.0 103.6 155.4
51 34.5 33.8 50.6
86 64.7 49.4 74.0

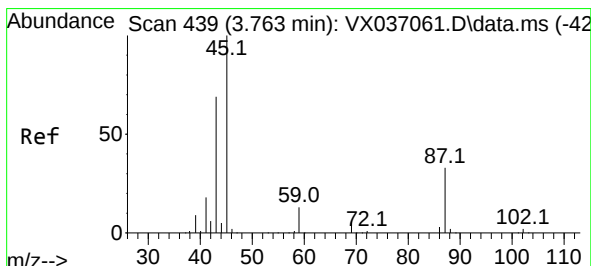
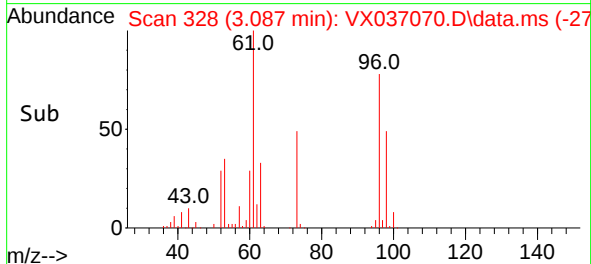
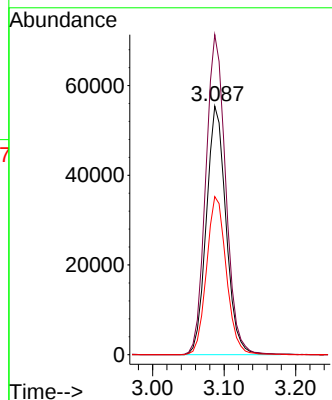
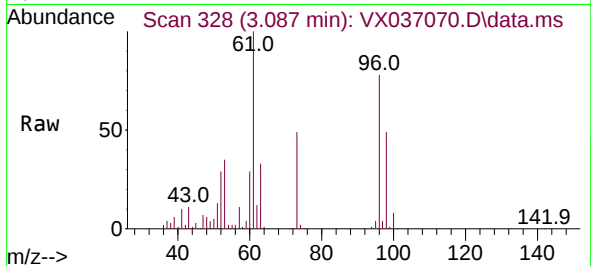




#21
trans-1,2-Dichloroethene
Concen: 50.280 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

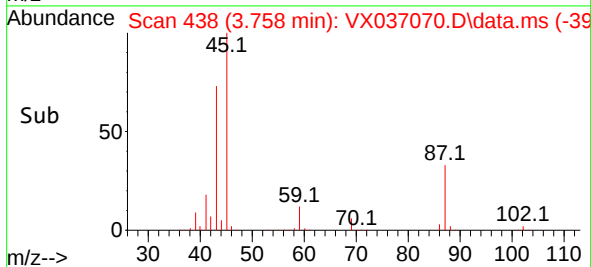
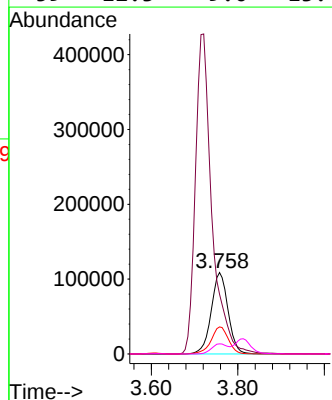
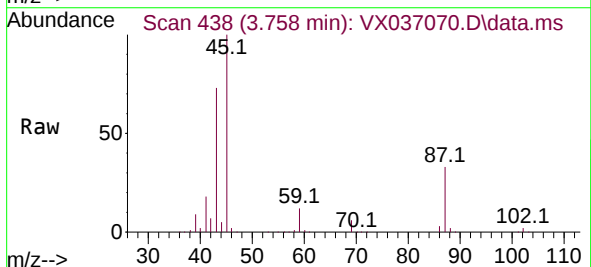
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

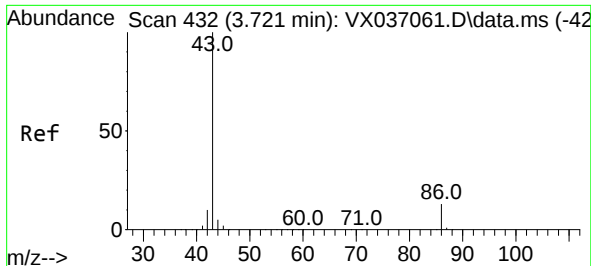
Tgt Ion: 96 Resp: 105827
Ion Ratio Lower Upper
96 100
61 128.7 119.2 178.8
98 63.5 48.7 73.1



#22
Diisopropyl ether
Concen: 49.834 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion: 45 Resp: 293062
Ion Ratio Lower Upper
45 100
43 72.9 69.7 104.5
87 33.2 20.8 31.2#
59 12.3 9.0 13.4

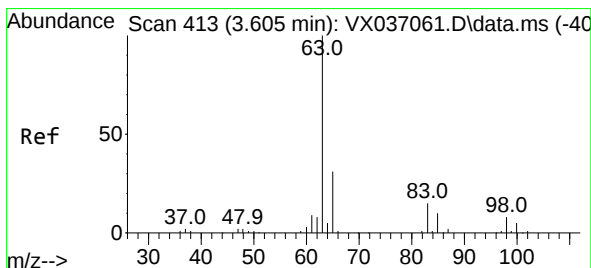
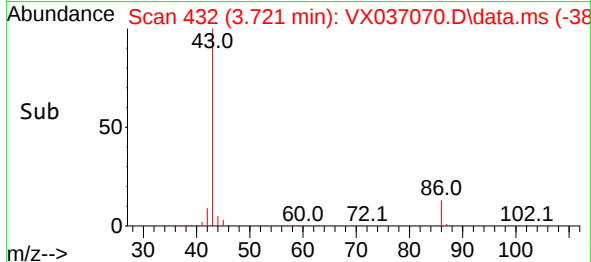
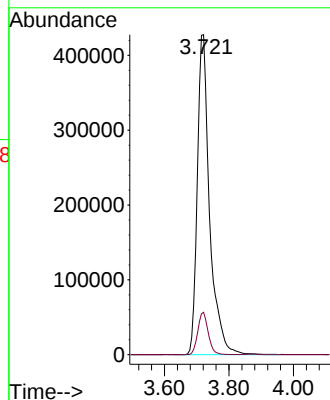
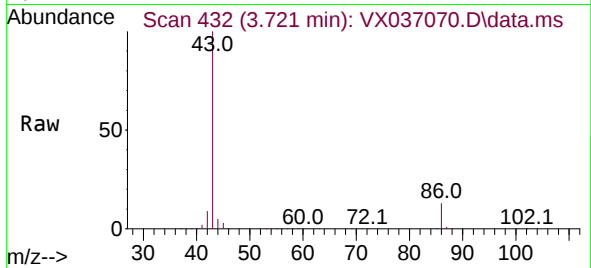




#23
 Vinyl Acetate
 Concen: 252.166 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX037070.D
 Acq: 18 Aug 2023 09:26

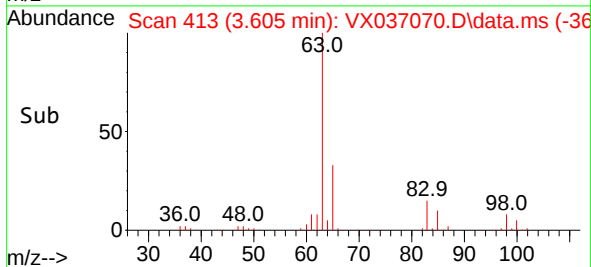
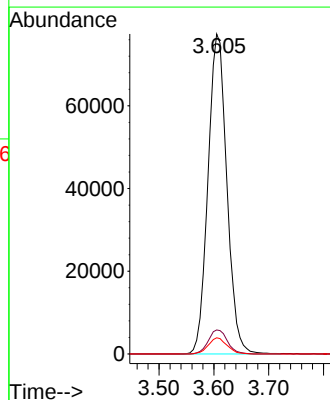
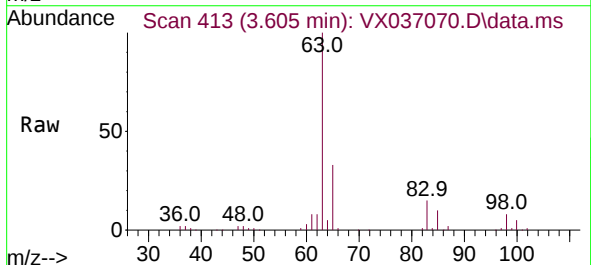
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

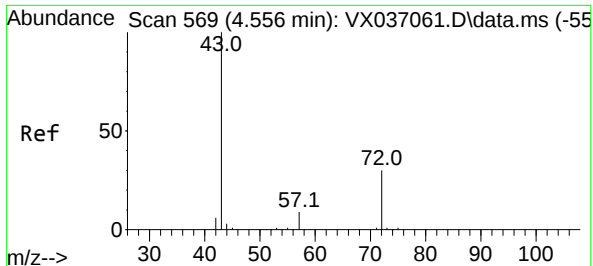
Tgt Ion: 43 Resp: 1136386
 Ion Ratio Lower Upper
 43 100
 86 13.2 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 50.032 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX037070.D
 Acq: 18 Aug 2023 09:26

Tgt Ion: 63 Resp: 184506
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.8
 100 5.0 2.1 6.5





#25

2-Butanone

Concen: 240.615 ug/l

RT: 4.550 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

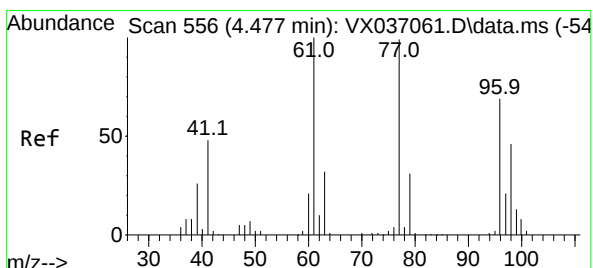
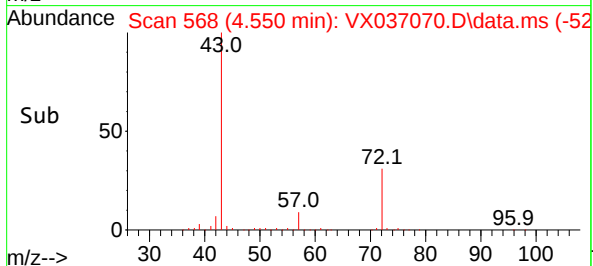
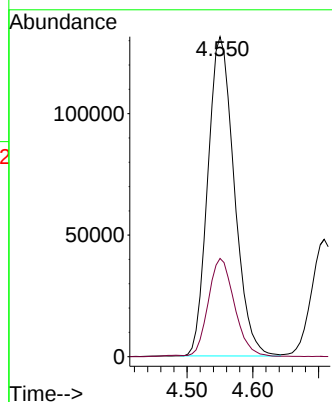
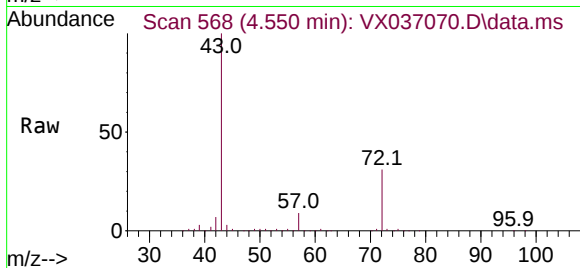
VSTDCCC050

Tgt Ion: 43 Resp: 367522

Ion Ratio Lower Upper

43 100

72 30.6 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 55.118 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX037070.D

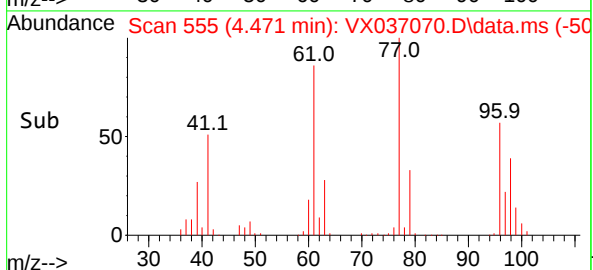
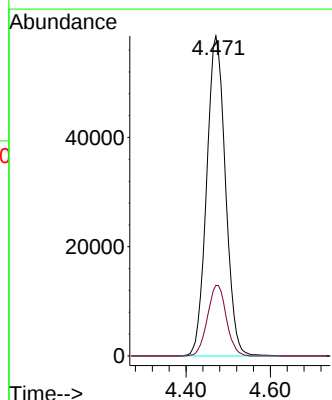
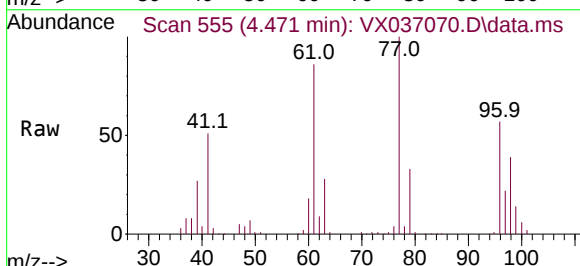
Acq: 18 Aug 2023 09:26

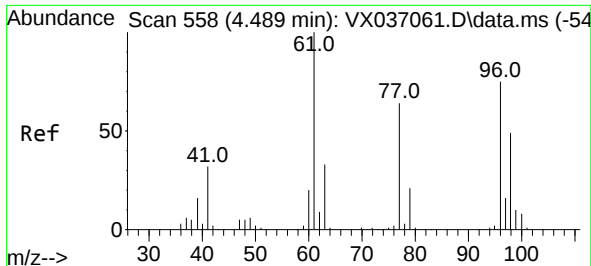
Tgt Ion: 77 Resp: 181528

Ion Ratio Lower Upper

77 100

97 22.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.477 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

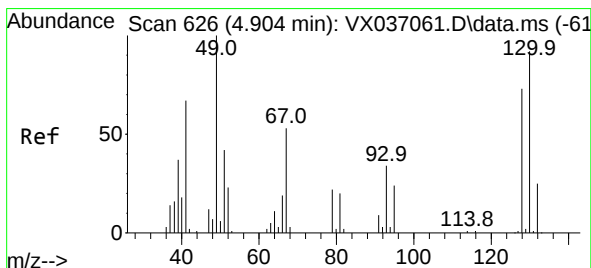
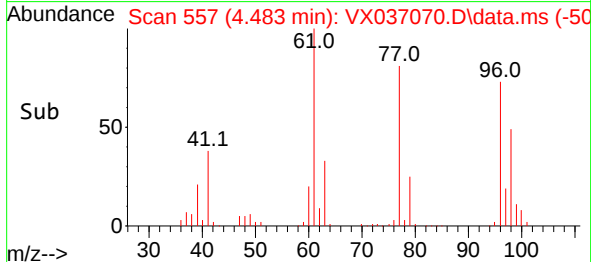
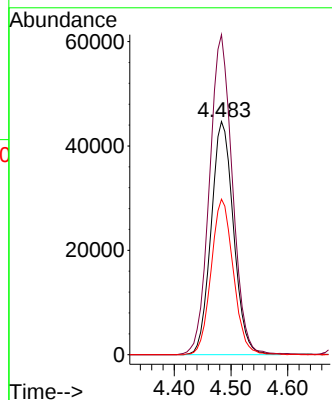
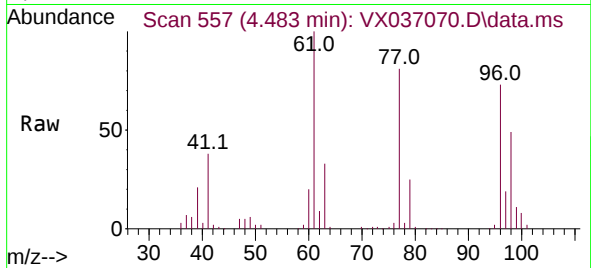
Tgt Ion: 96 Resp: 122768

Ion Ratio Lower Upper

96 100

61 140.5 0.0 312.2

98 65.9 0.0 129.0



#28

Bromochloromethane

Concen: 51.044 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.012 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

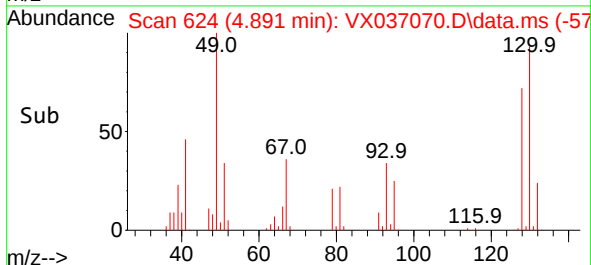
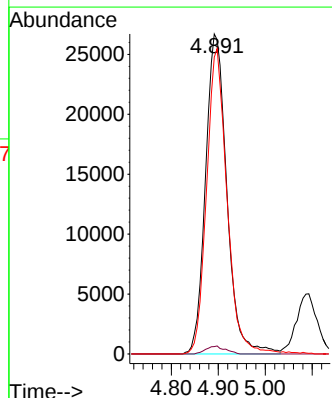
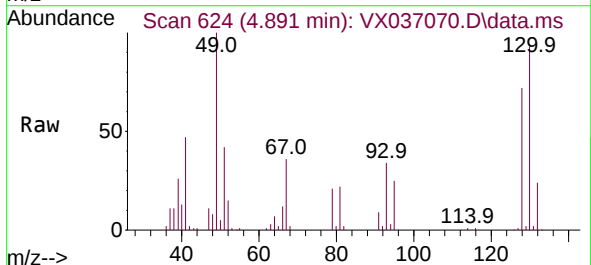
Tgt Ion: 49 Resp: 84090

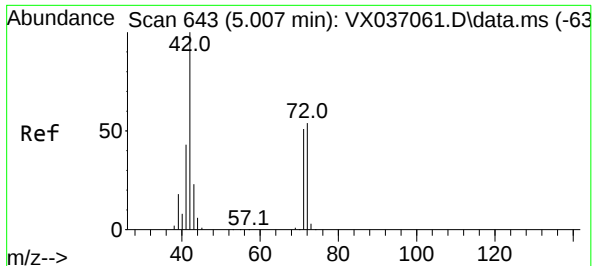
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 91.5 57.5 86.3#





#29

Tetrahydrofuran

Concen: 227.028 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

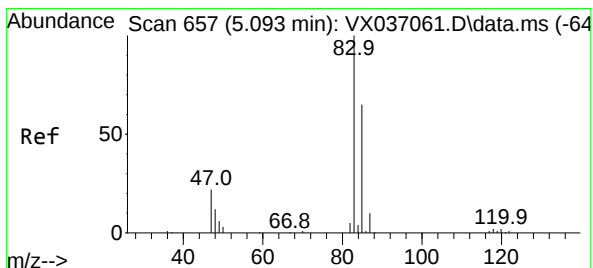
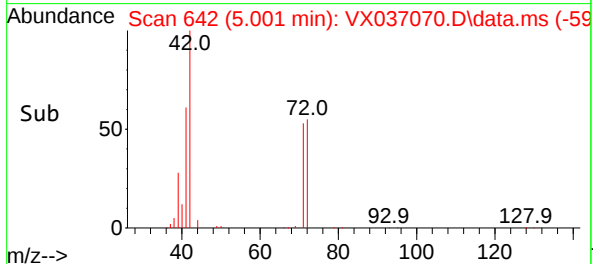
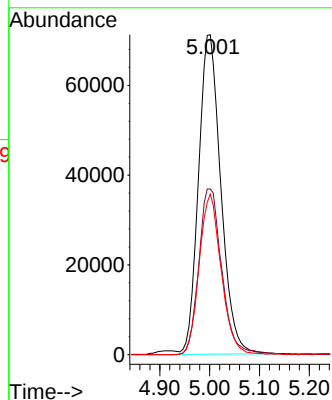
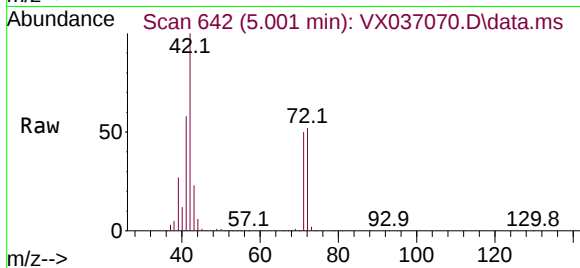
Tgt Ion: 42 Resp: 221145

Ion Ratio Lower Upper

42 100

72 53.5 34.2 51.4#

71 49.5 32.2 48.2#



#30

Chloroform

Concen: 49.187 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX037070.D

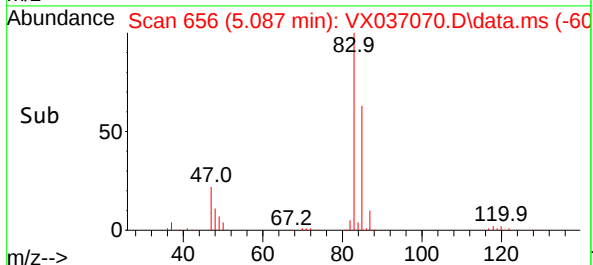
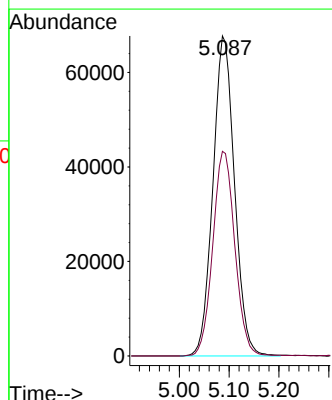
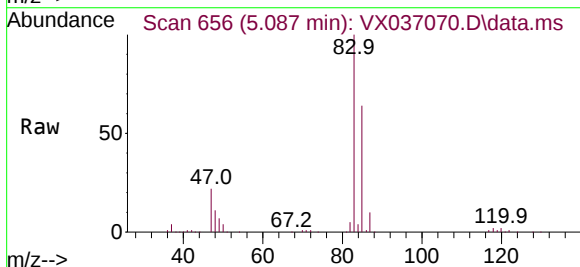
Acq: 18 Aug 2023 09:26

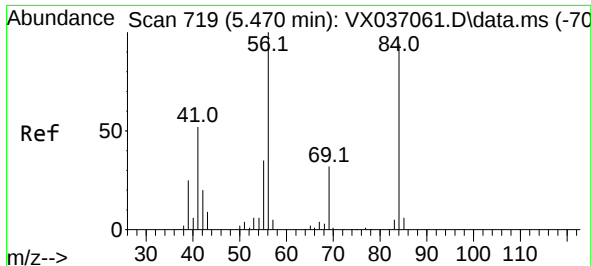
Tgt Ion: 83 Resp: 203621

Ion Ratio Lower Upper

83 100

85 64.0 50.3 75.5

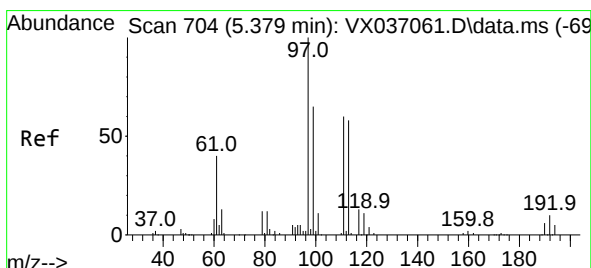
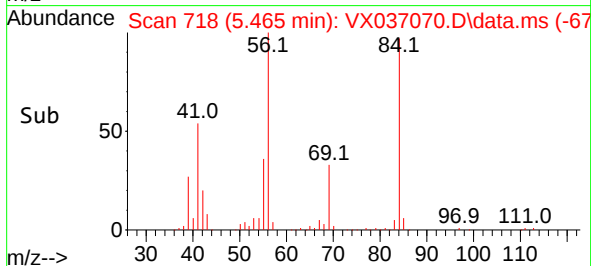
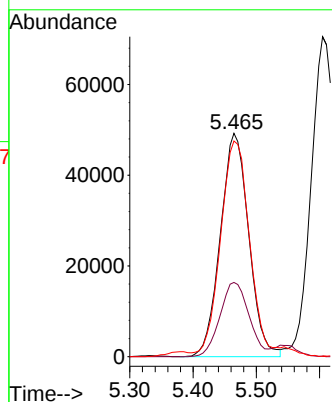
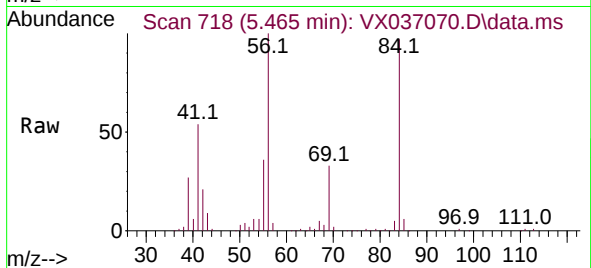




#31
Cyclohexane
Concen: 52.665 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

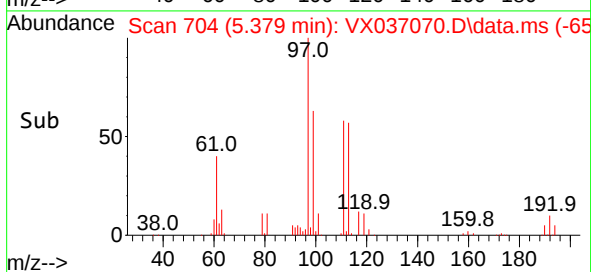
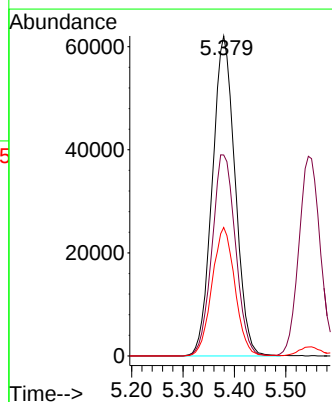
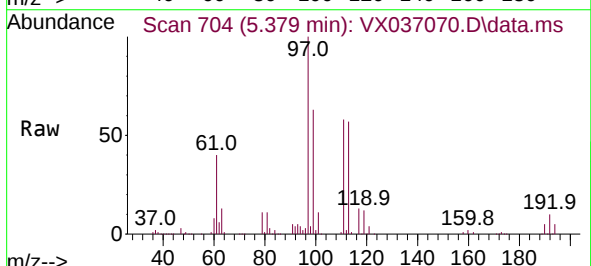
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

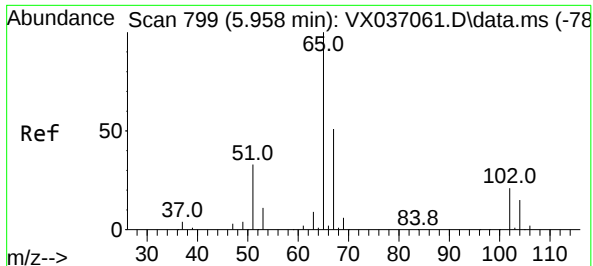
Tgt Ion: 56 Resp: 153554
Ion Ratio Lower Upper
56 100
69 33.3 23.4 35.2
84 94.3 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 51.484 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion: 97 Resp: 190991
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 40.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.757 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

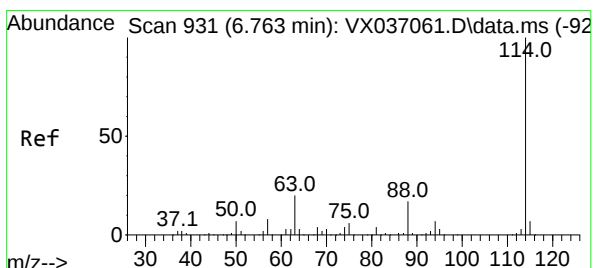
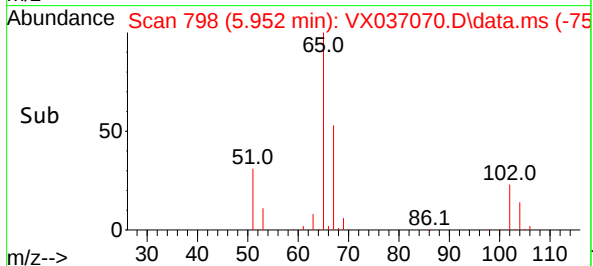
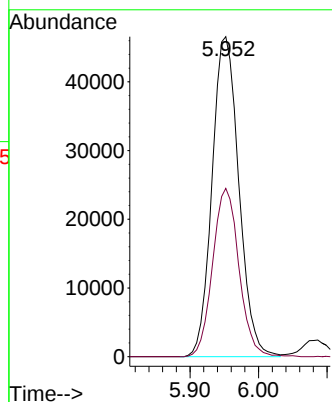
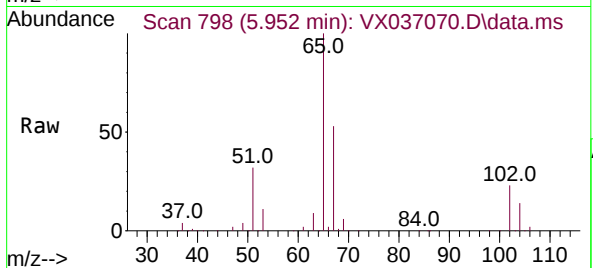
VSTDCCC050

Tgt Ion: 65 Resp: 126429

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. -0.006 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

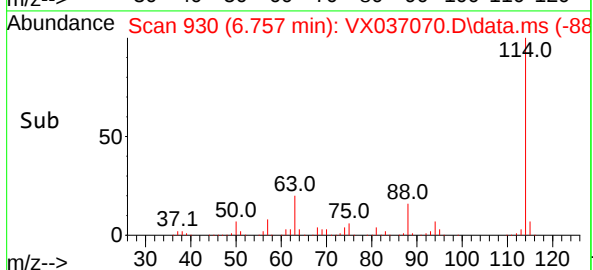
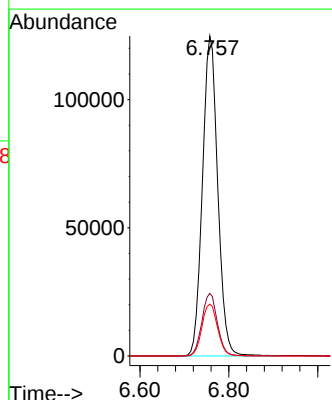
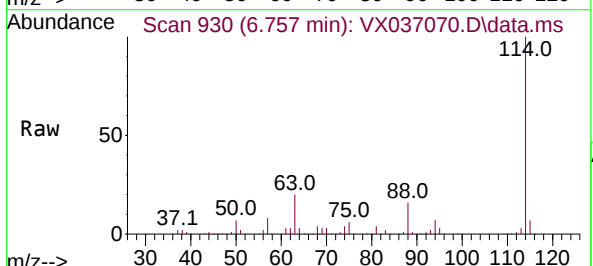
Tgt Ion: 114 Resp: 299377

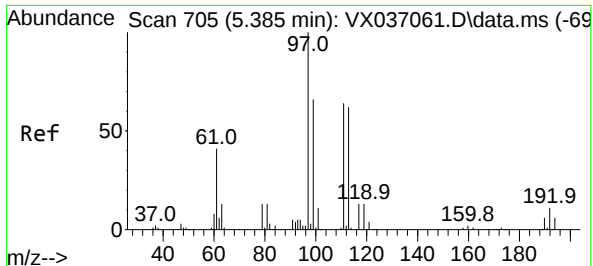
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

88 16.2 0.0 36.6

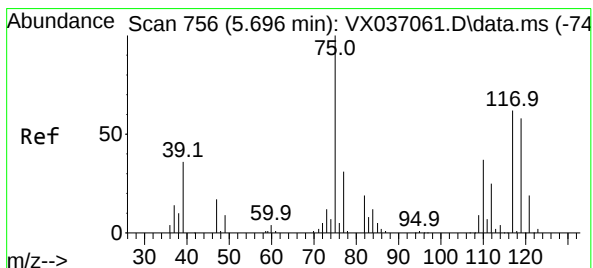
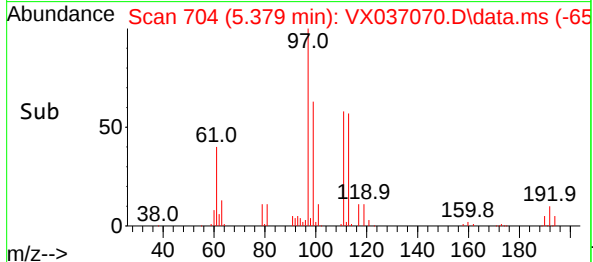
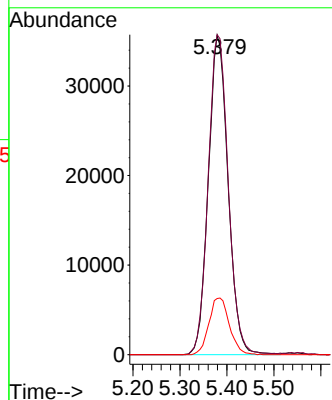
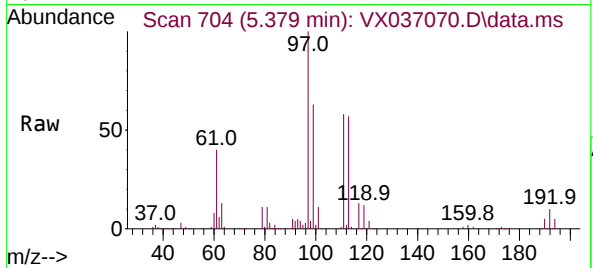




#35
Dibromofluoromethane
Concen: 52.428 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

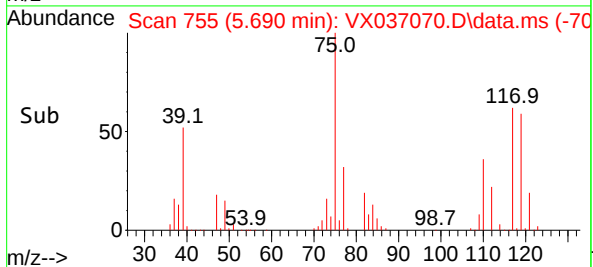
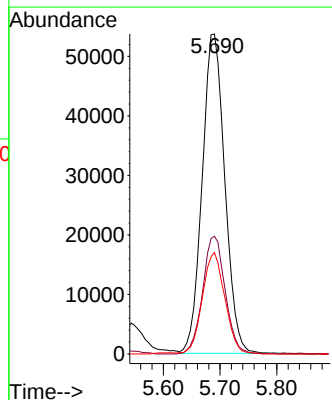
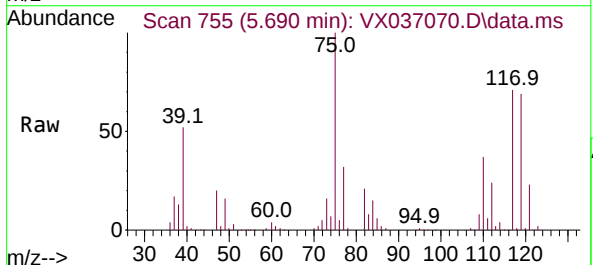
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

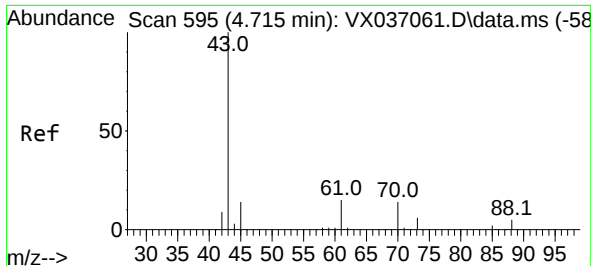
Tgt Ion:113 Resp: 103949
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 52.814 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion: 75 Resp: 148772
Ion Ratio Lower Upper
75 100
110 36.7 17.0 50.9
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 48.223 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

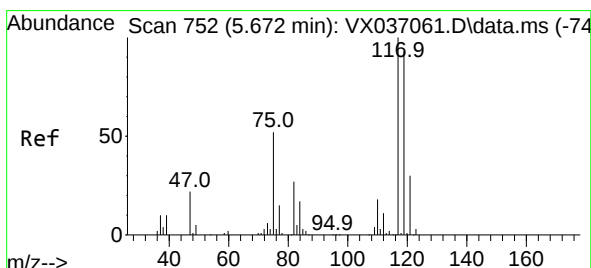
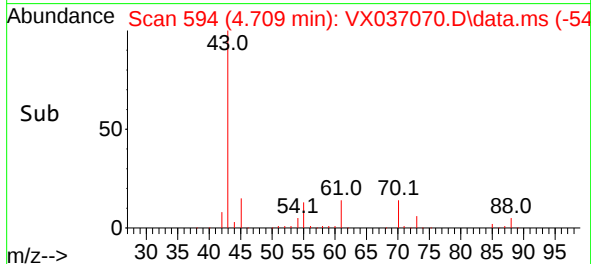
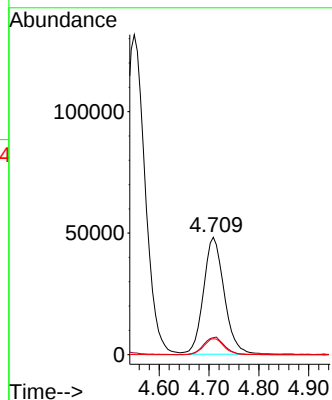
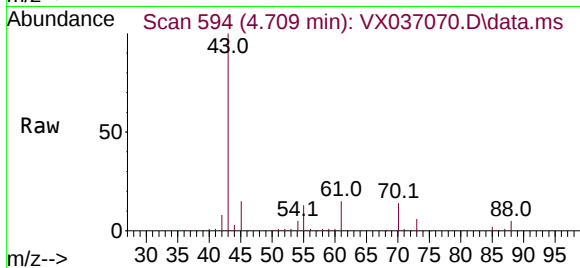
Tgt Ion: 43 Resp: 138759

Ion Ratio Lower Upper

43 100

61 15.1 10.6 16.0

70 13.3 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 55.304 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

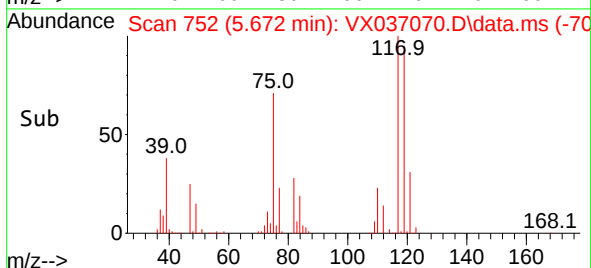
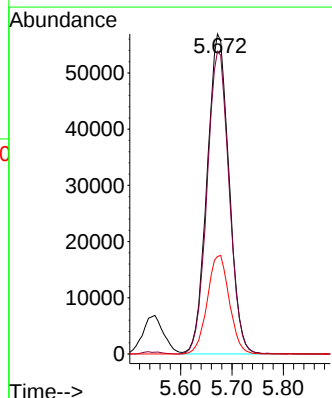
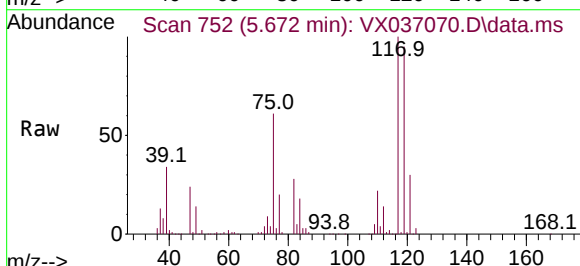
Tgt Ion: 117 Resp: 169224

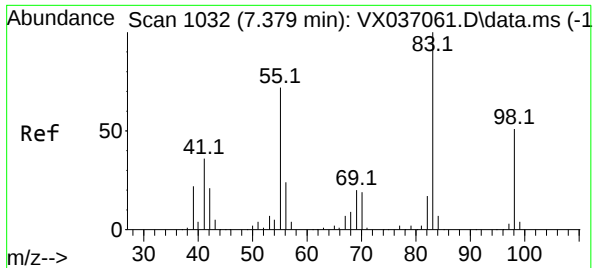
Ion Ratio Lower Upper

117 100

119 94.6 78.2 117.2

121 30.5 24.4 36.6

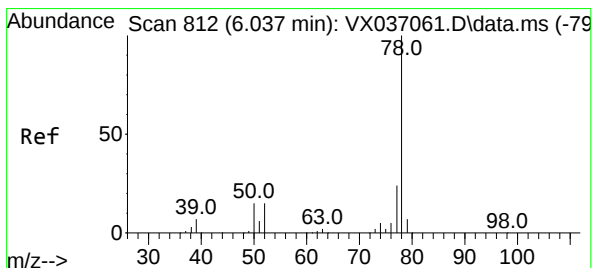
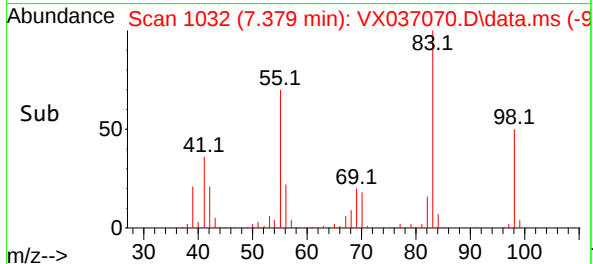
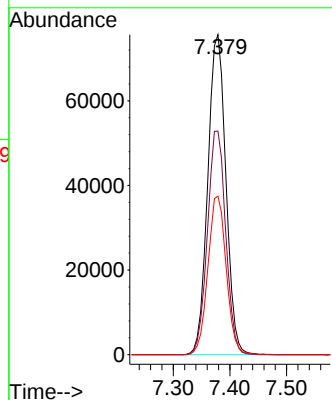
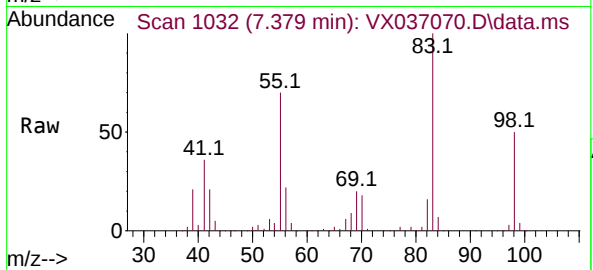




#39
Methylcyclohexane
Concen: 56.728 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

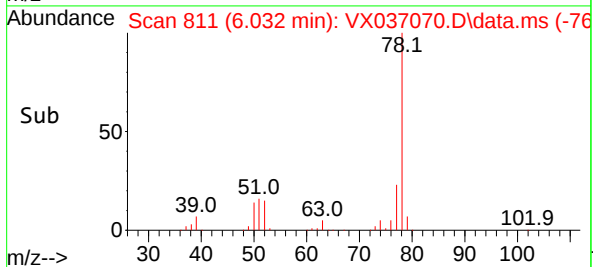
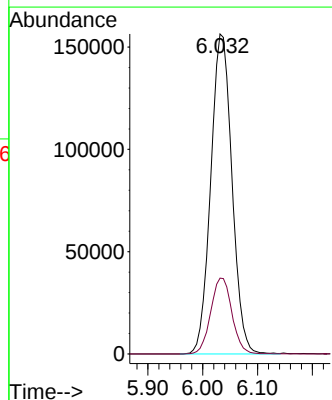
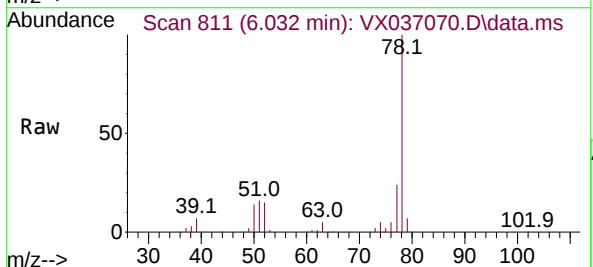
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

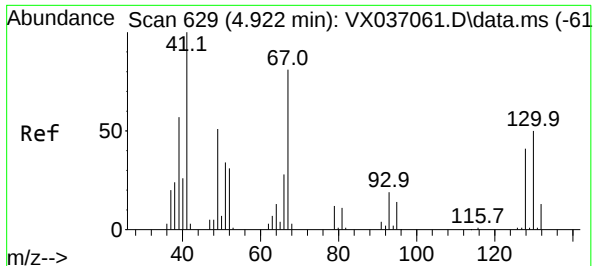
Tgt Ion: 83 Resp: 167888
Ion Ratio Lower Upper
83 100
55 69.9 64.6 97.0
98 49.5 36.7 55.1



#40
Benzene
Concen: 52.044 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion: 78 Resp: 420456
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9



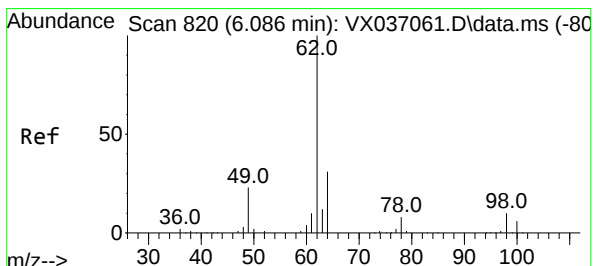
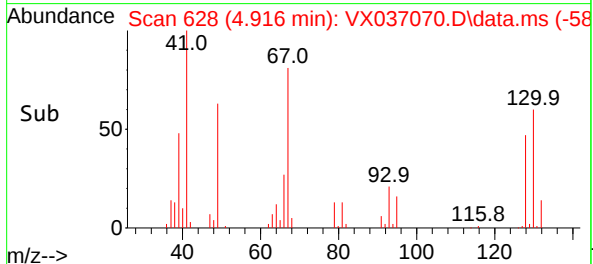
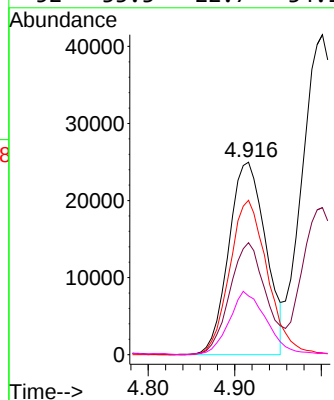
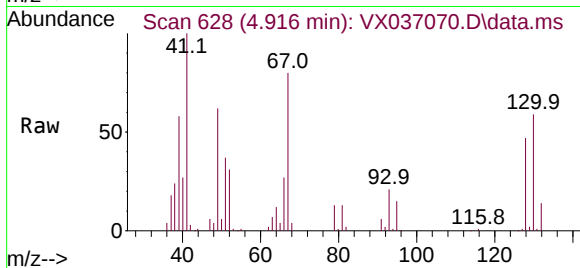


#41
Methacrylonitrile
Concen: 49.775 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 74456

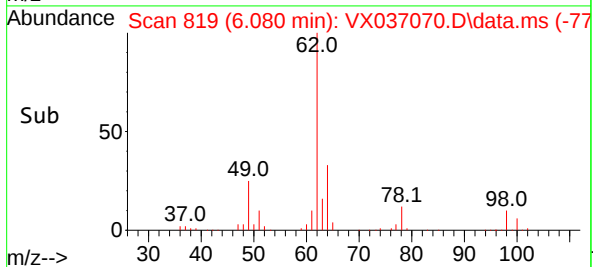
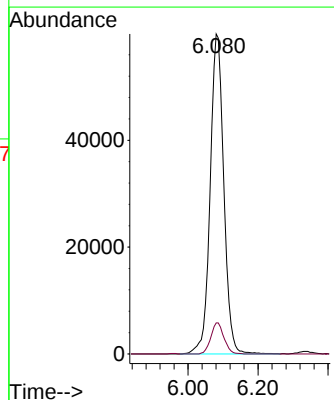
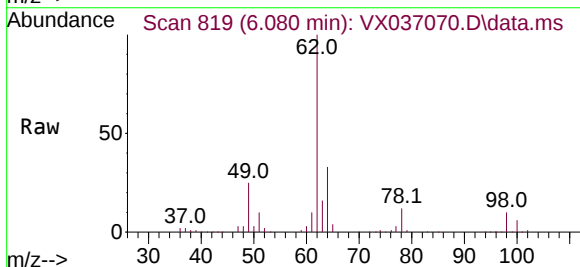
Ion	Ratio	Lower	Upper
41	100		
39	57.6	45.2	67.8
67	82.3	52.6	78.8
52	33.3	22.7	34.1

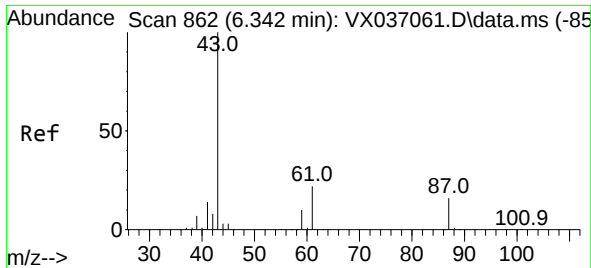


#42
1,2-Dichloroethane
Concen: 51.151 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion: 62 Resp: 162055

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	16.0

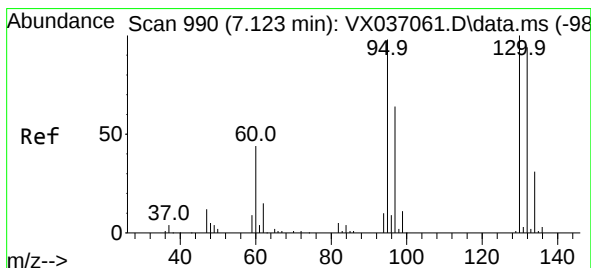
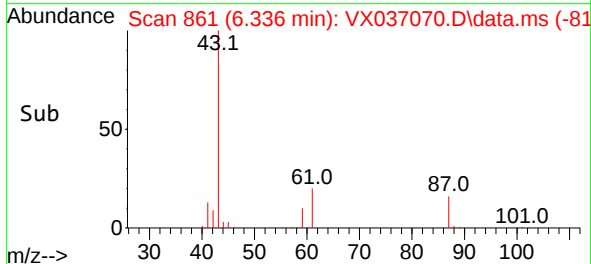
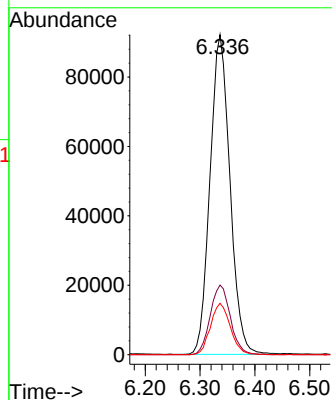
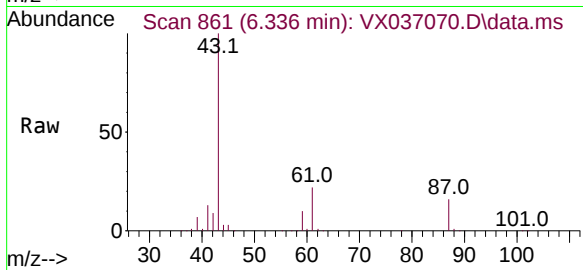




#43
Isopropyl Acetate
Concen: 50.911 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

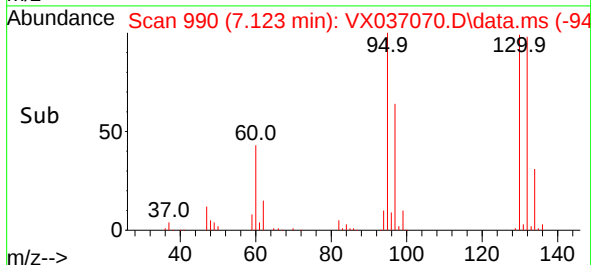
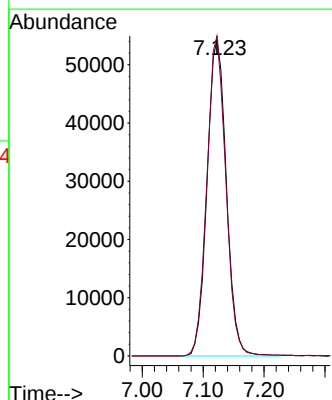
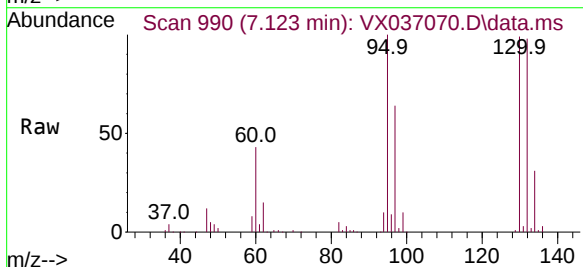
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

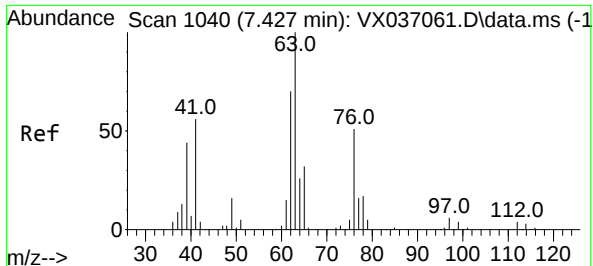
Tgt Ion: 43 Resp: 232579
Ion Ratio Lower Upper
43 100
61 22.0 15.2 22.8
87 15.9 9.8 14.6#



#44
Trichloroethene
Concen: 52.133 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion:130 Resp: 119426
Ion Ratio Lower Upper
130 100
95 101.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 52.272 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

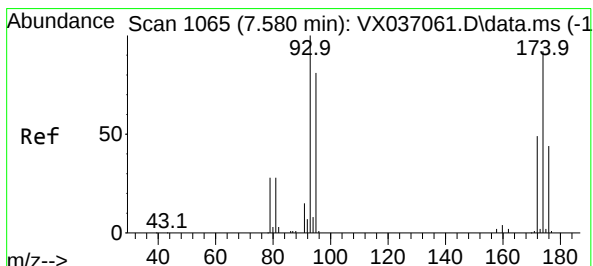
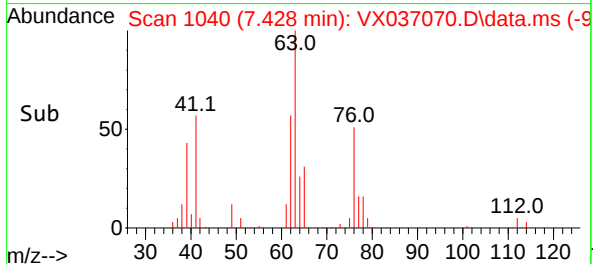
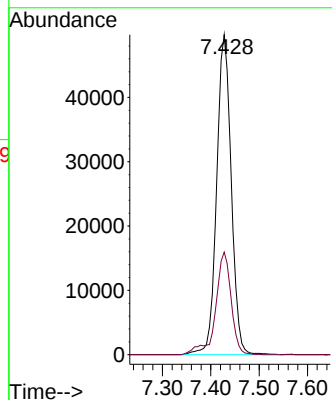
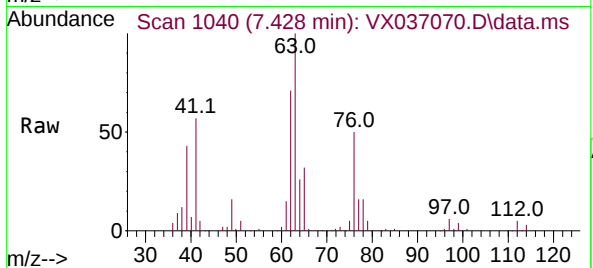
VSTDCCC050

Tgt Ion: 63 Resp: 104126

Ion Ratio Lower Upper

63 100

65 32.1 24.3 36.5



#46

Dibromomethane

Concen: 51.349 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

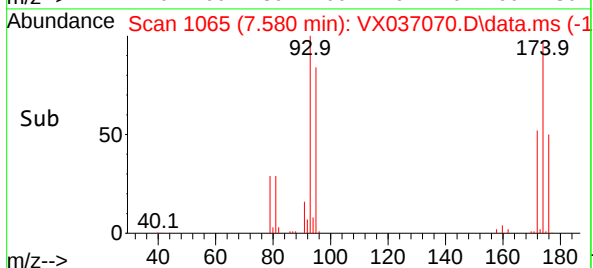
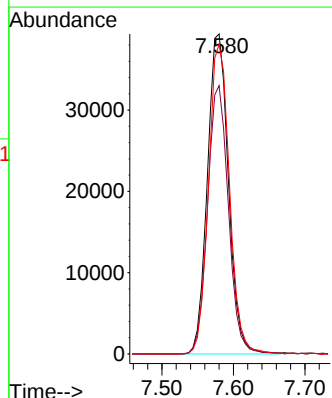
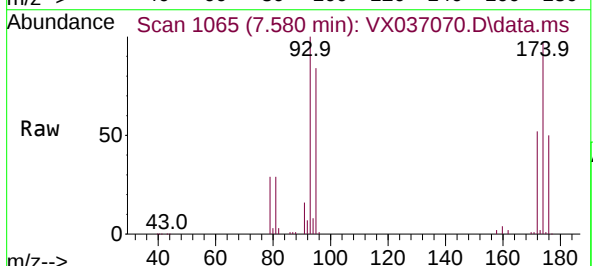
Tgt Ion: 93 Resp: 80579

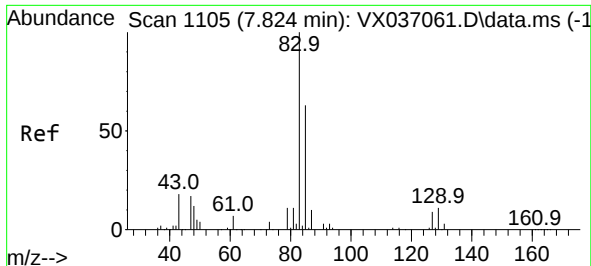
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 96.5 69.4 104.0

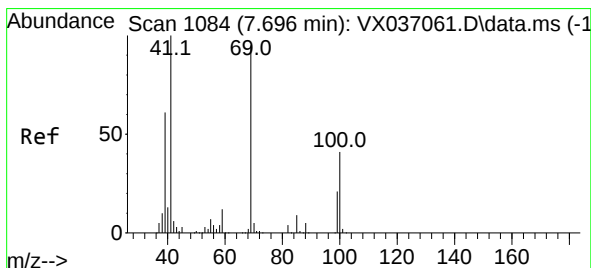
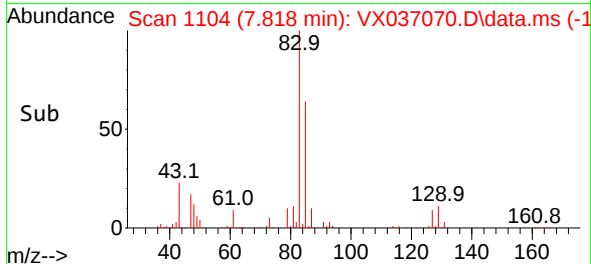
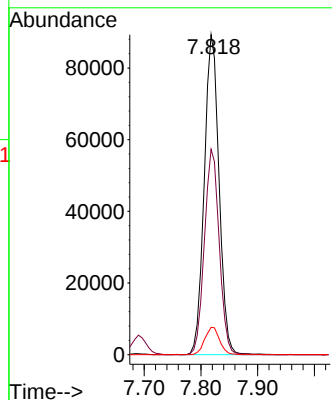
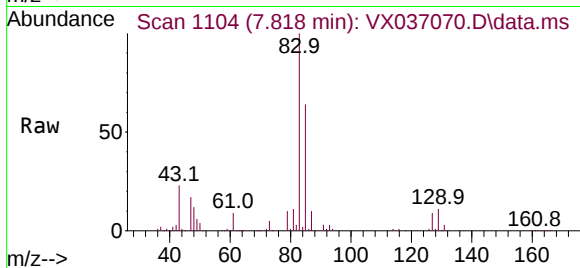




#47
Bromodichloromethane
Concen: 53.889 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

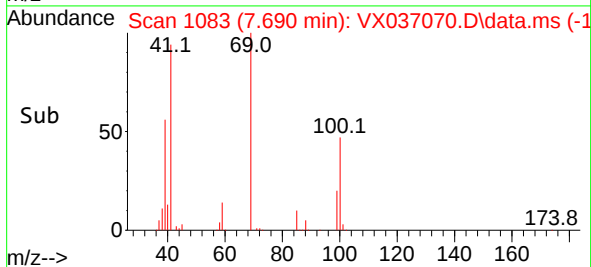
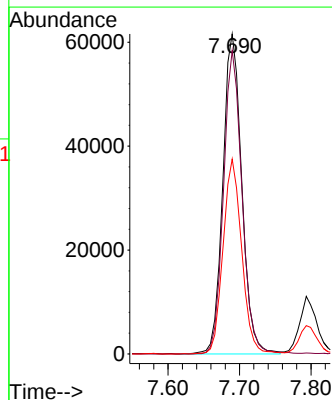
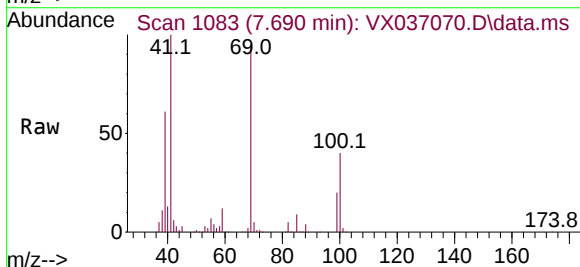
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

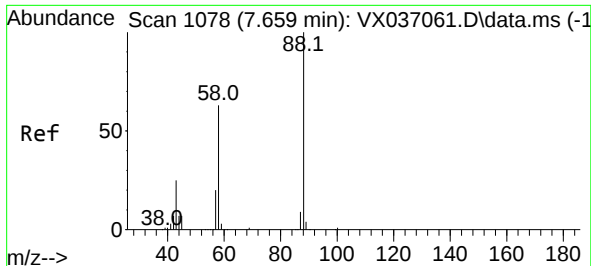
Tgt Ion: 83 Resp: 161975
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 50.834 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion: 41 Resp: 113251
Ion Ratio Lower Upper
41 100
69 92.6 59.2 88.8#
39 60.1 47.7 71.5





#49

1,4-Dioxane

Concen: 899.625 ug/l

RT: 7.653 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

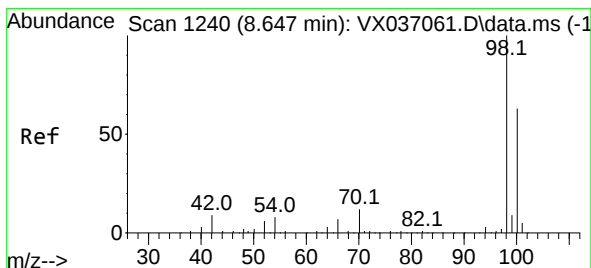
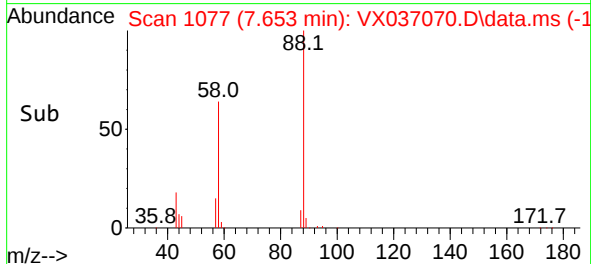
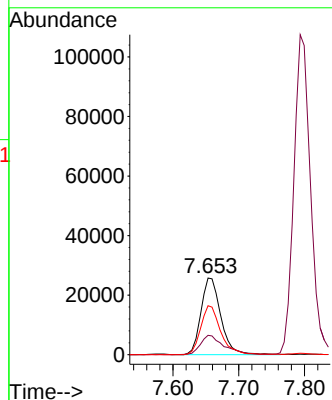
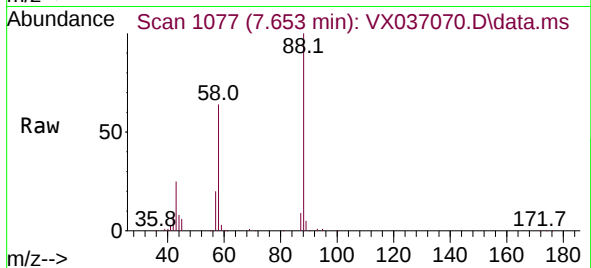
Tgt Ion: 88 Resp: 53978

Ion Ratio Lower Upper

88 100

43 30.1 0.0 0.0#

58 64.4 60.1 90.1



#50

Toluene-d8

Concen: 52.810 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037070.D

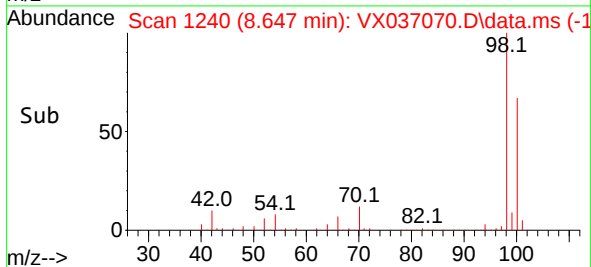
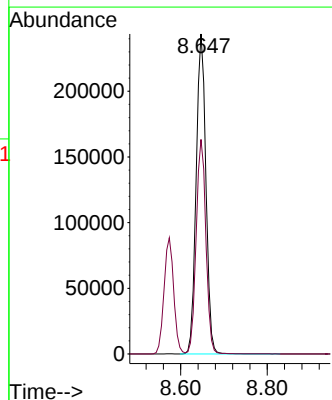
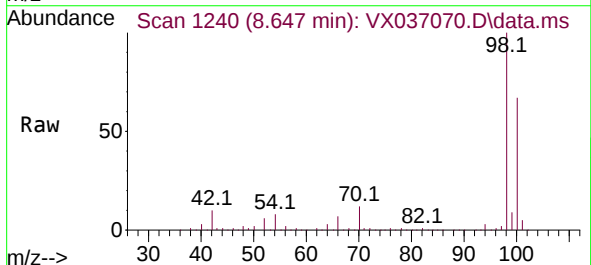
Acq: 18 Aug 2023 09:26

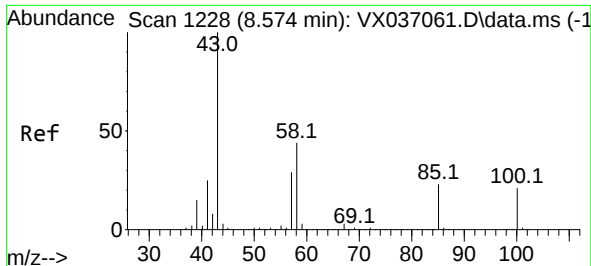
Tgt Ion: 98 Resp: 379808

Ion Ratio Lower Upper

98 100

100 66.8 53.1 79.7

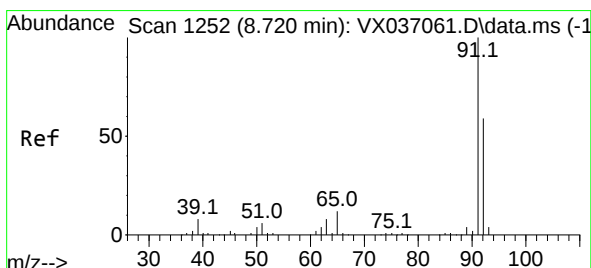
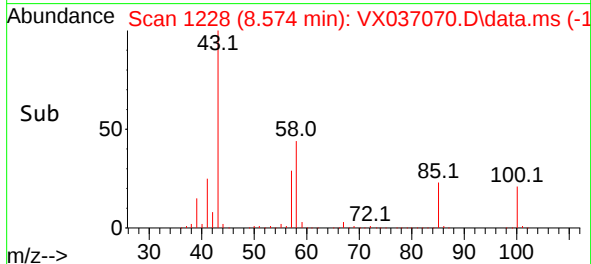
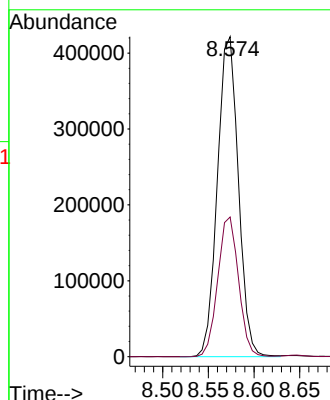
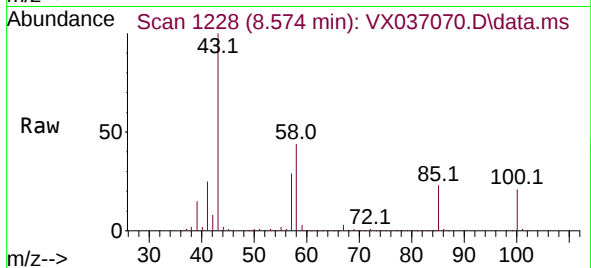




#51
4-Methyl-2-Pentanone
Concen: 242.659 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

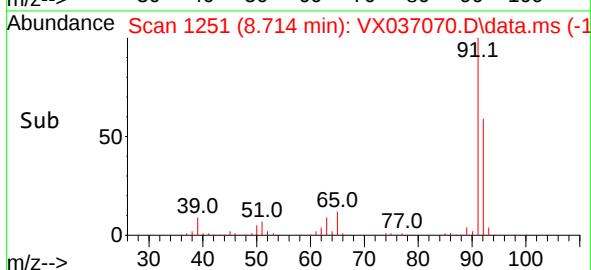
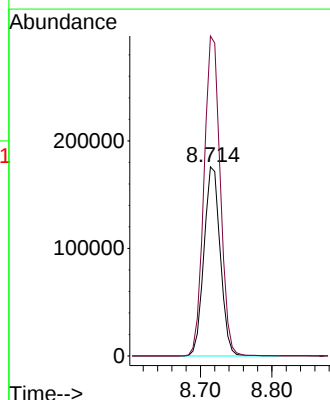
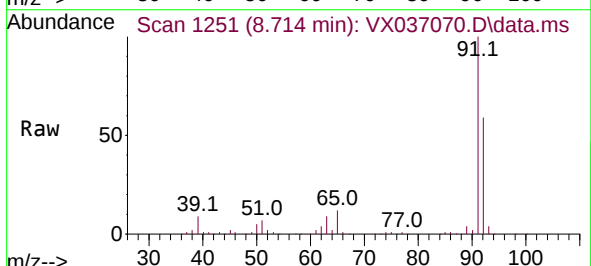
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

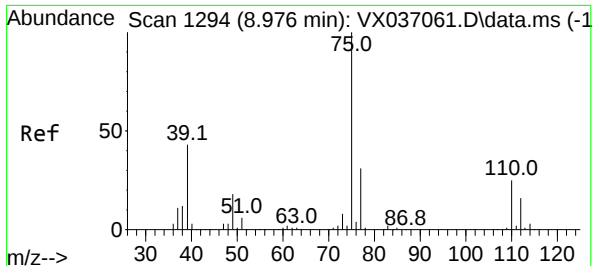
Tgt Ion: 43 Resp: 673139
Ion Ratio Lower Upper
43 100
58 43.4 30.4 45.6



#52
Toluene
Concen: 52.112 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion: 92 Resp: 278167
Ion Ratio Lower Upper
92 100
91 169.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 56.292 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

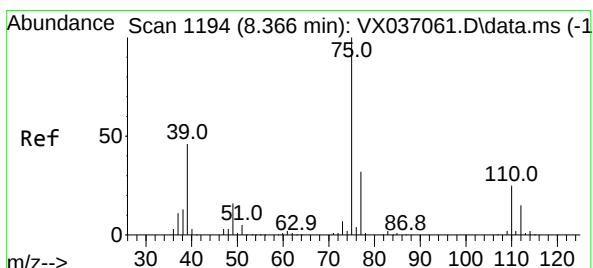
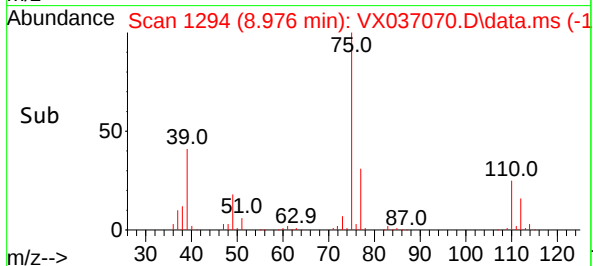
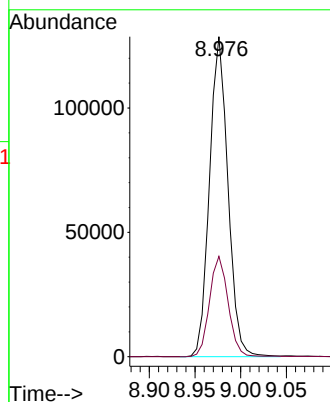
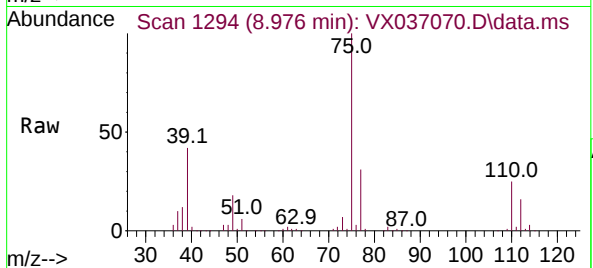
VSTDCCC050

Tgt Ion: 75 Resp: 180157

Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 54.464 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

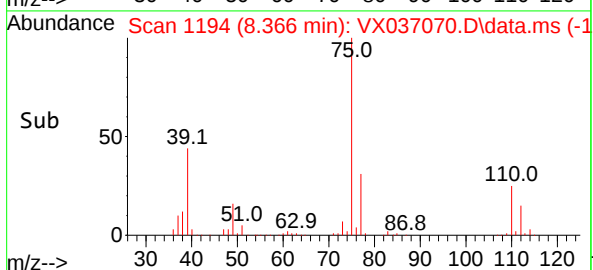
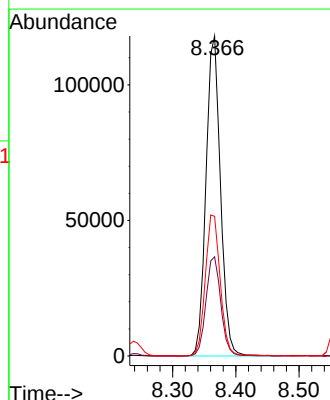
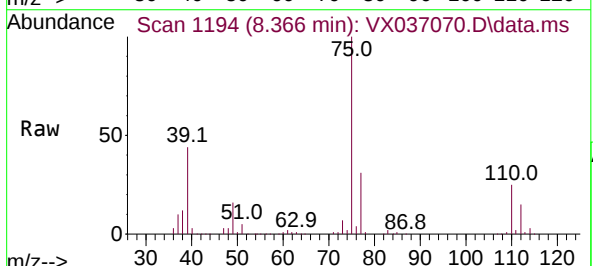
Tgt Ion: 75 Resp: 188361

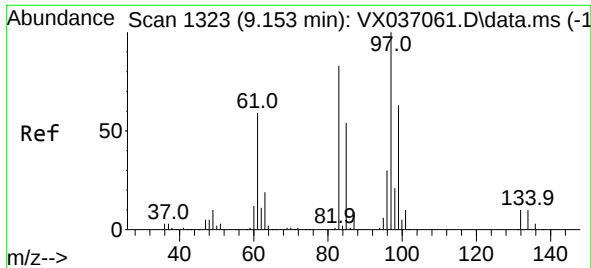
Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9

39 43.6 46.7 70.1#



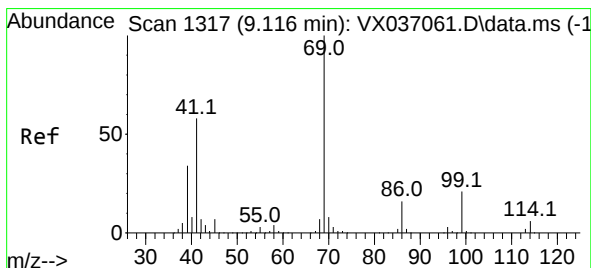
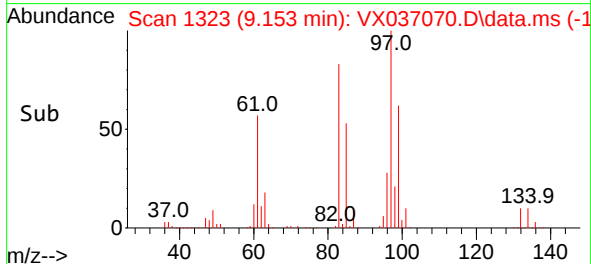
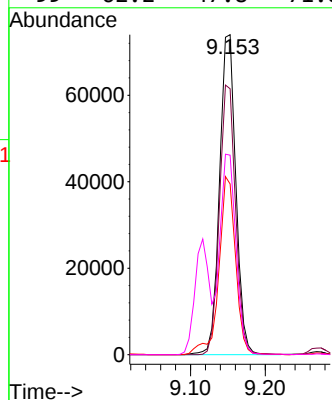
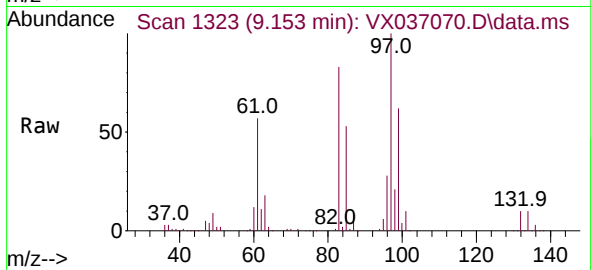


#55
1,1,2-Trichloroethane
Concen: 51.535 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 112013

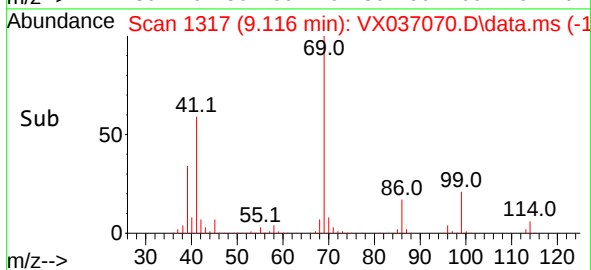
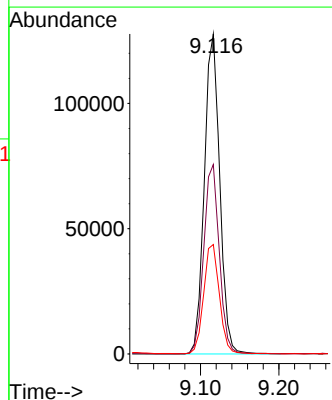
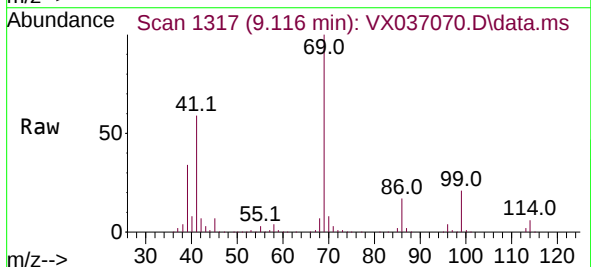
Ion	Ratio	Lower	Upper
97	100		
83	83.1	65.8	98.8
85	53.4	41.6	62.4
99	62.2	47.8	71.8

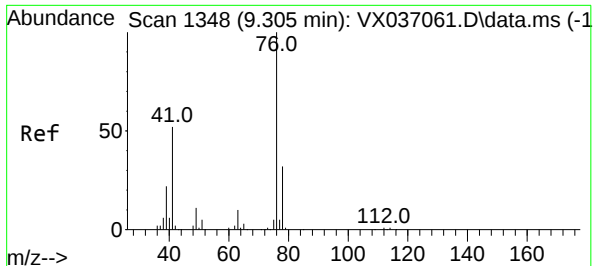


#56
Ethyl methacrylate
Concen: 51.234 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion: 69 Resp: 174427

Ion	Ratio	Lower	Upper
69	100		
41	59.6	56.8	85.2
39	35.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 50.952 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

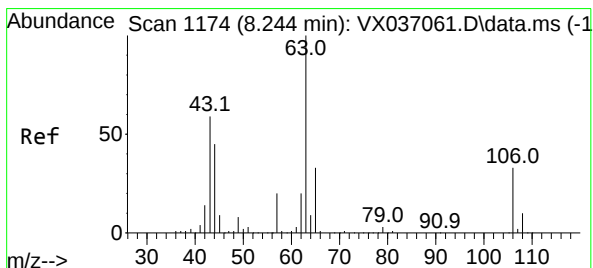
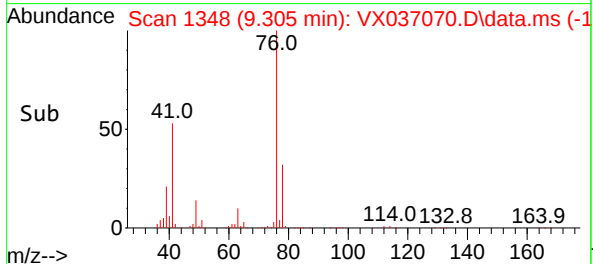
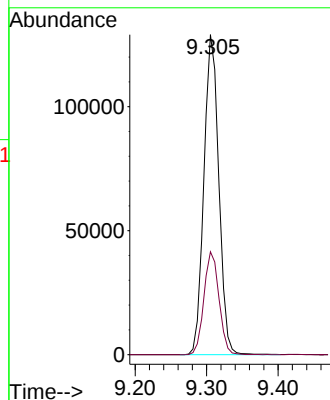
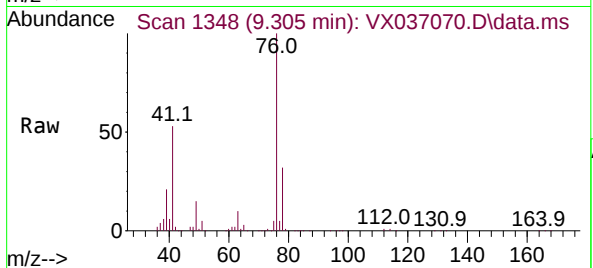
VSTDCCC050

Tgt Ion: 76 Resp: 186694

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 263.756 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037070.D

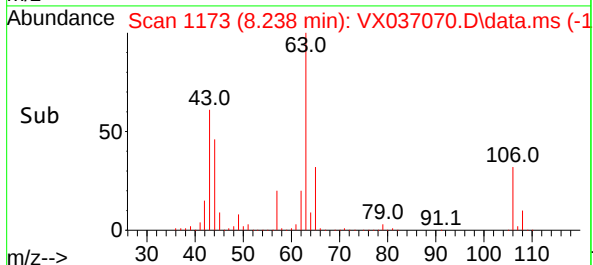
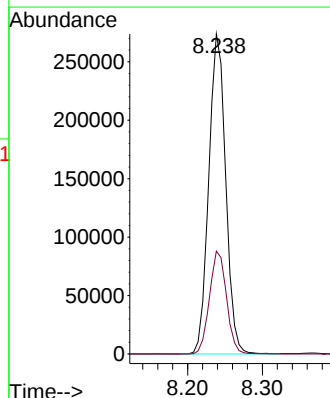
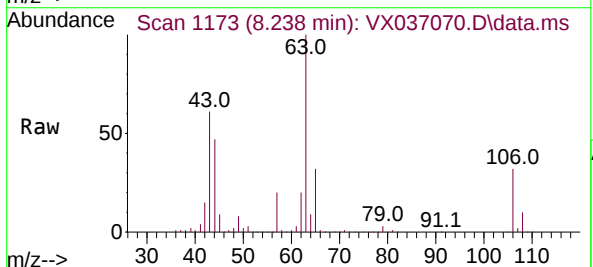
Acq: 18 Aug 2023 09:26

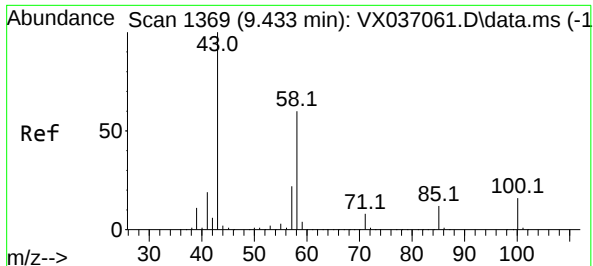
Tgt Ion: 63 Resp: 430930

Ion Ratio Lower Upper

63 100

106 32.4 22.5 33.7

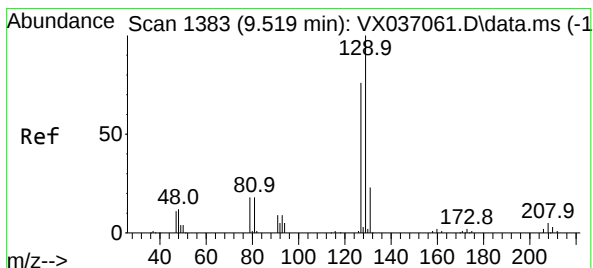
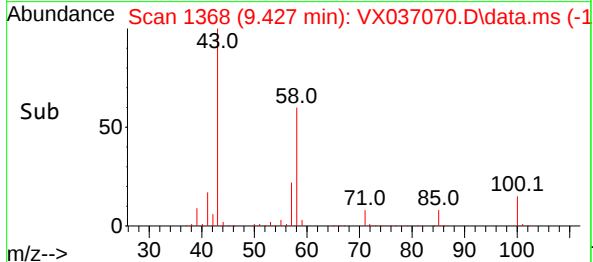
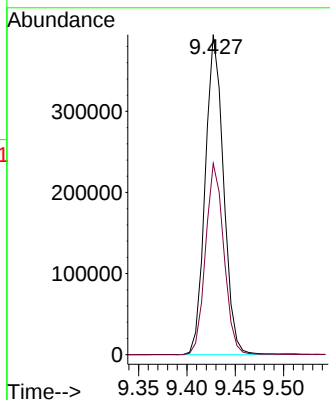
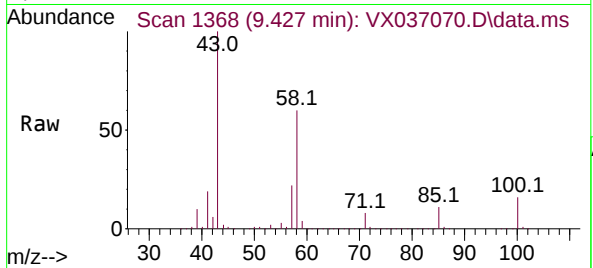




#59
2-Hexanone
Concen: 246.052 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

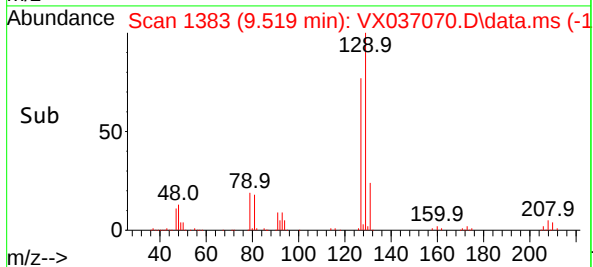
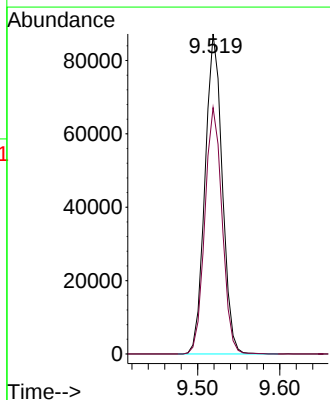
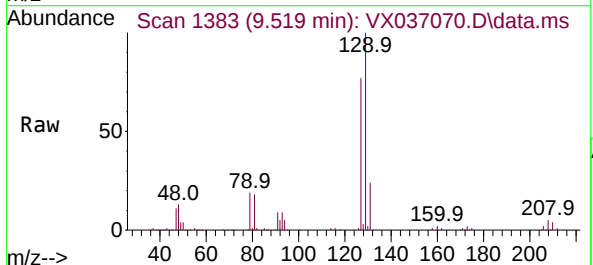
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

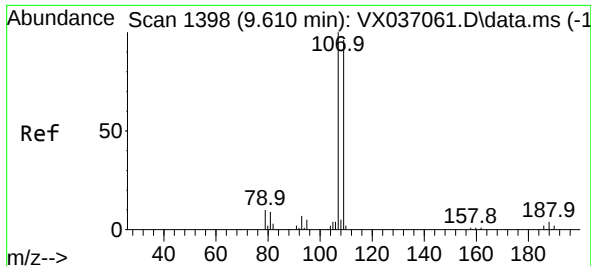
Tgt Ion: 43 Resp: 520428
Ion Ratio Lower Upper
43 100
58 59.9 26.2 78.5



#60
Dibromochloromethane
Concen: 54.764 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion: 129 Resp: 126733
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4

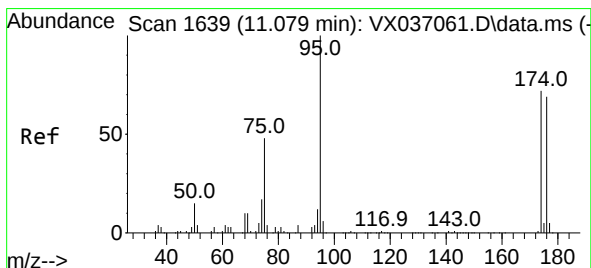
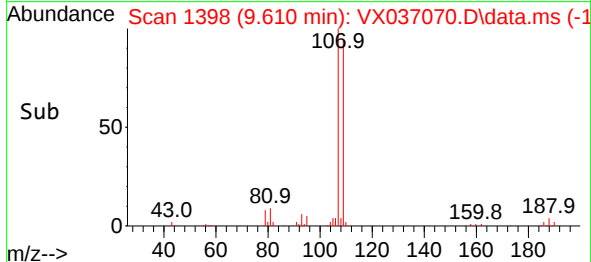
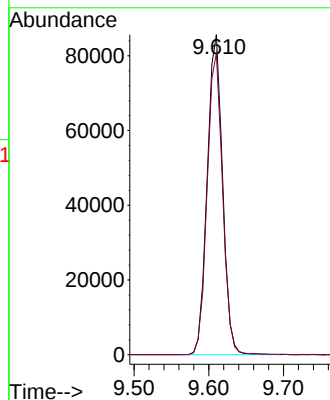
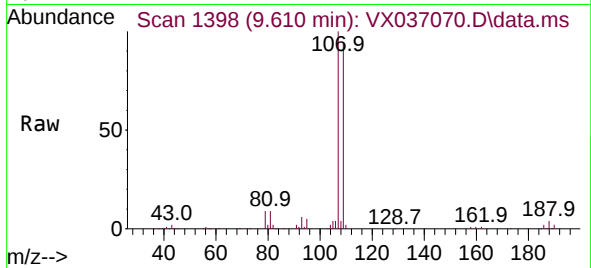




#61
1,2-Dibromoethane
Concen: 51.332 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

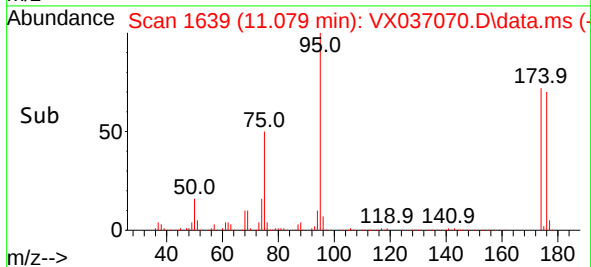
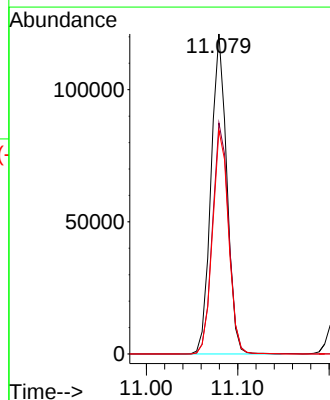
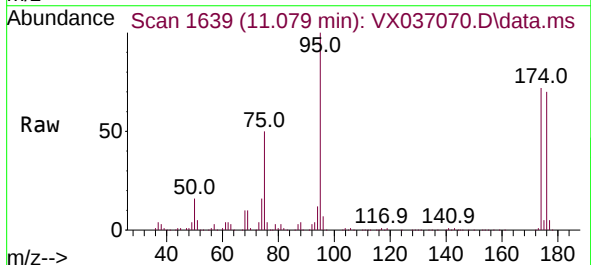
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

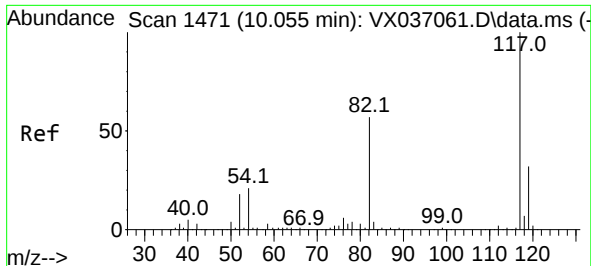
Tgt Ion:107 Resp: 122158
Ion Ratio Lower Upper
107 100
109 94.4 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 51.249 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion: 95 Resp: 144847
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 71.2 0.0 131.0

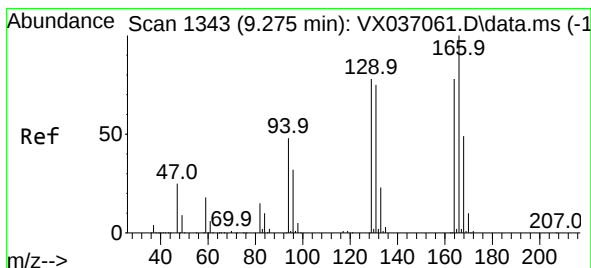
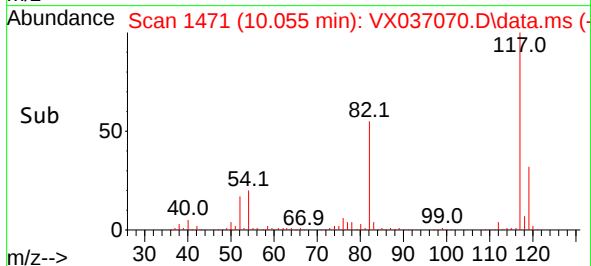
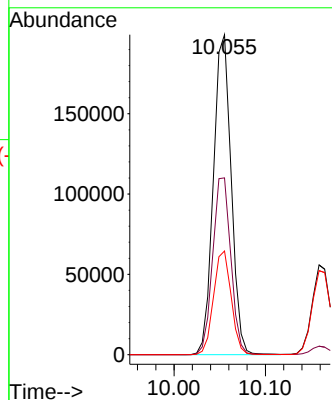
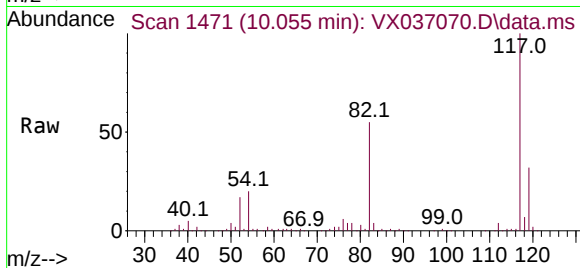




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

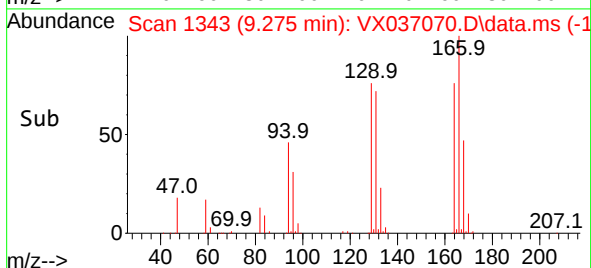
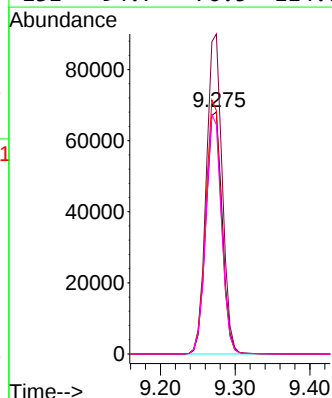
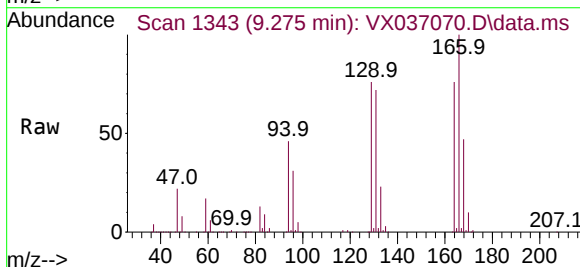
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

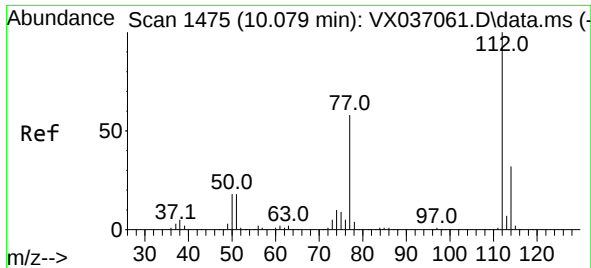
Tgt Ion:117 Resp: 269359
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 52.064 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion:164 Resp: 102306
Ion Ratio Lower Upper
164 100
166 132.2 102.7 154.1
129 100.6 80.4 120.6
131 94.7 76.5 114.7

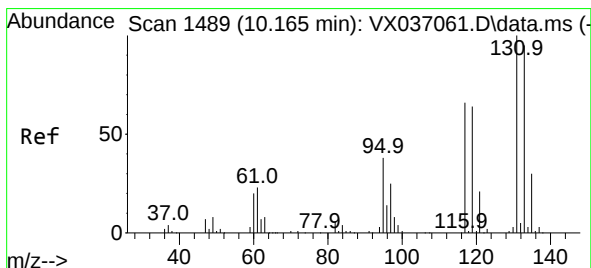
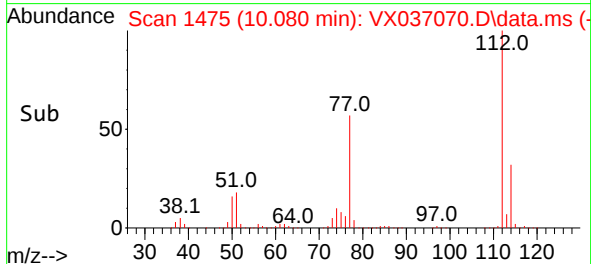
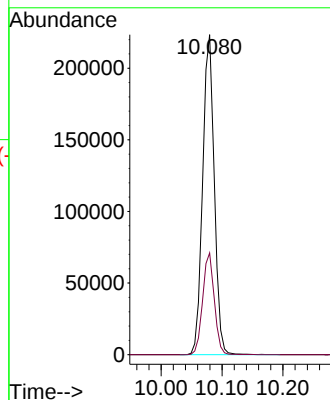
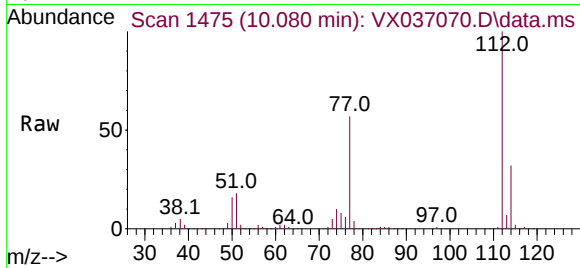




#65
Chlorobenzene
Concen: 51.998 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

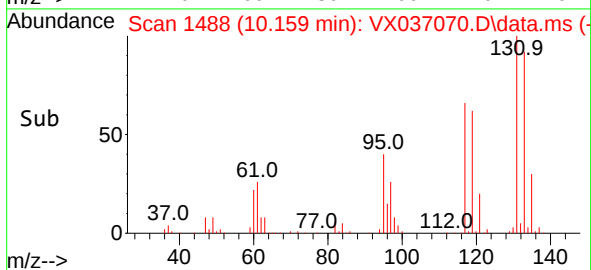
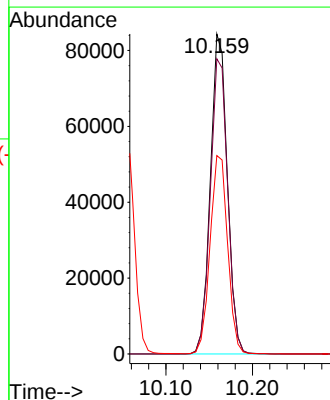
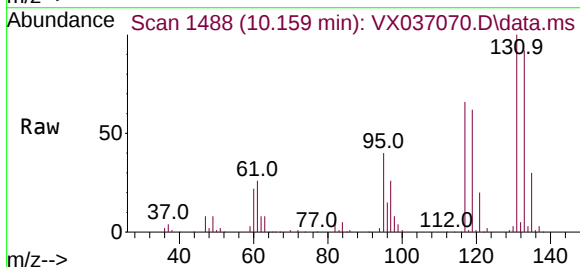
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

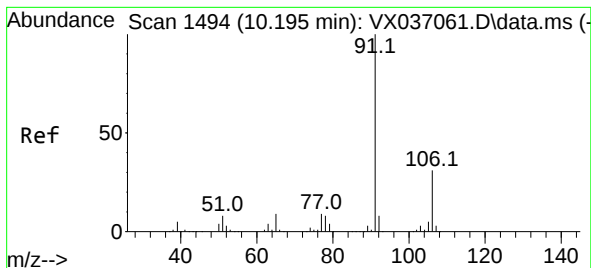
Tgt Ion:112 Resp: 296021
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.582 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion:131 Resp: 114686
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 64.2 32.2 96.6

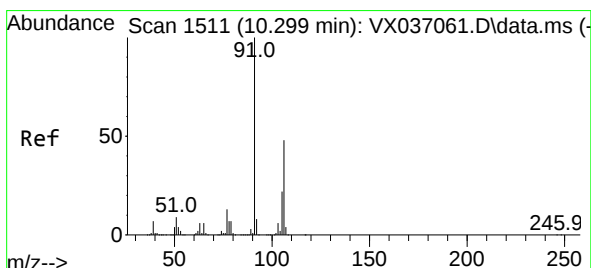
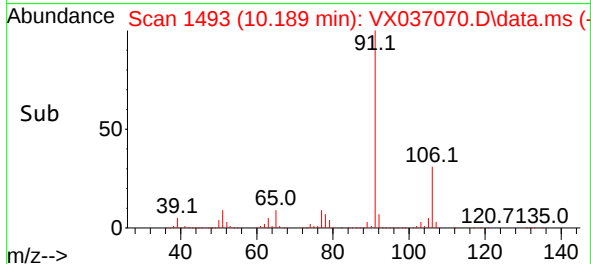
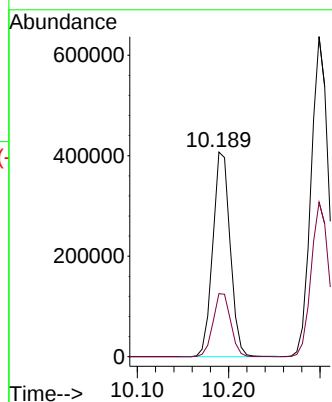
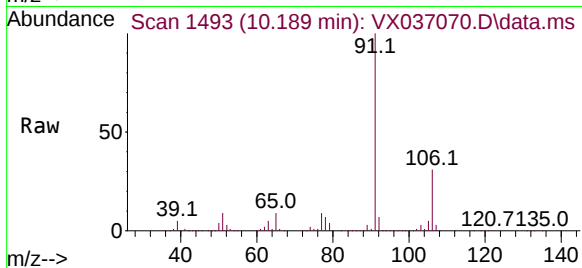




#67
Ethyl Benzene
Concen: 53.678 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

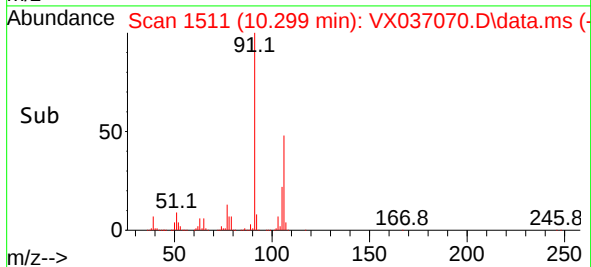
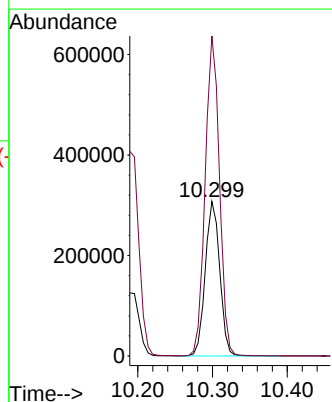
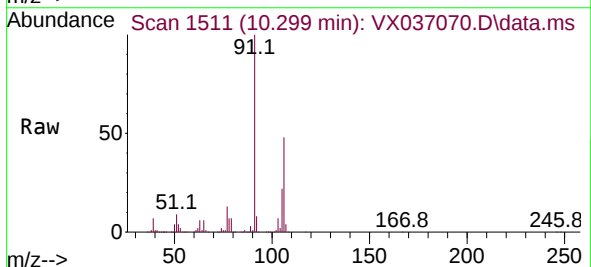
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

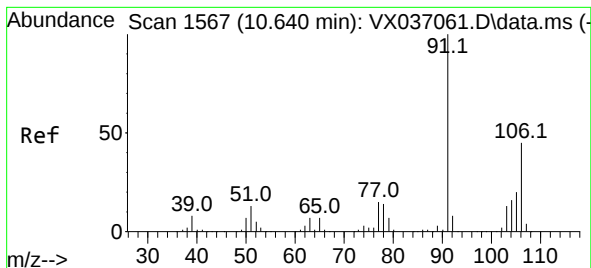
Tgt Ion: 91 Resp: 537719
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3



#68
m/p-Xylenes
Concen: 106.669 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion: 106 Resp: 412650
Ion Ratio Lower Upper
106 100
91 204.9 165.5 248.3





#69

o-Xylene

Concen: 52.923 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

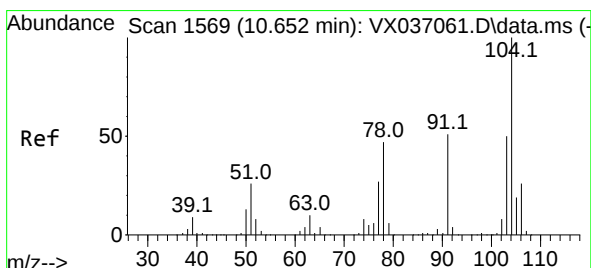
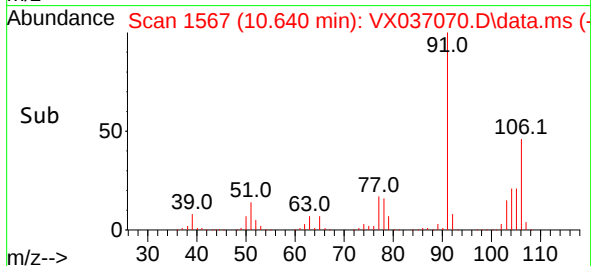
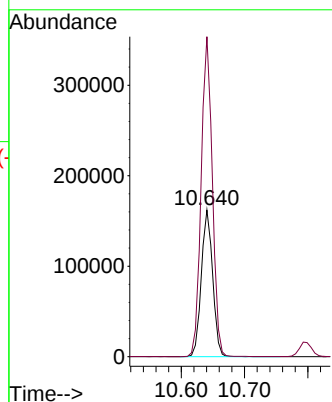
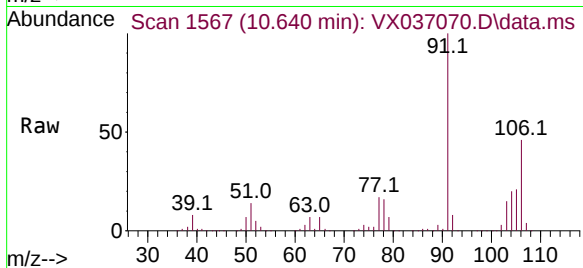
VSTDCCC050

Tgt Ion:106 Resp: 201993

Ion Ratio Lower Upper

106 100

91 215.8 108.9 326.8



#70

Styrene

Concen: 53.234 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.001 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

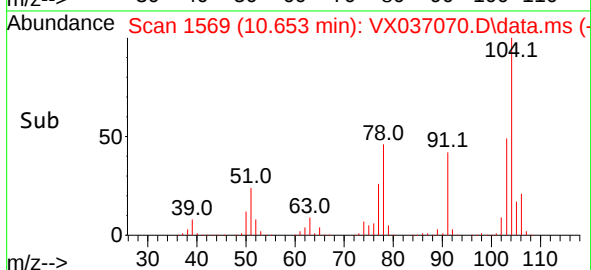
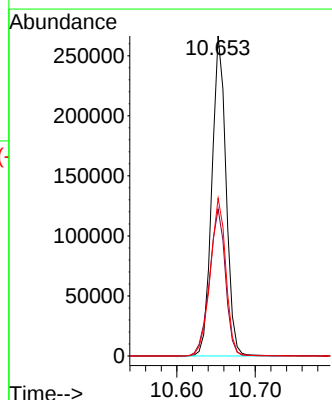
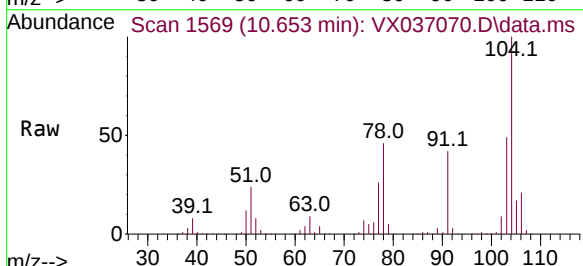
Tgt Ion:104 Resp: 334685

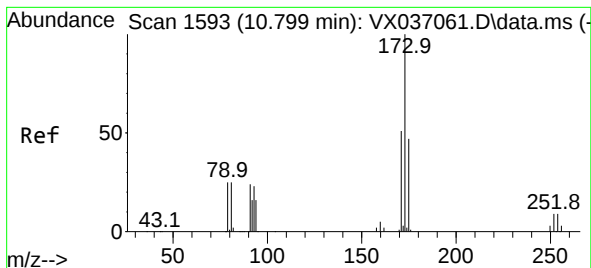
Ion Ratio Lower Upper

104 100

78 51.7 43.6 65.4

103 54.2 43.6 65.4





#71

Bromoform

Concen: 56.602 ug/l

RT: 10.799 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

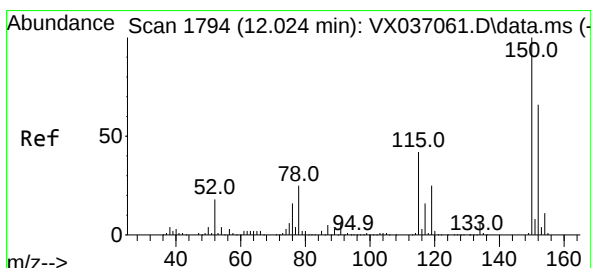
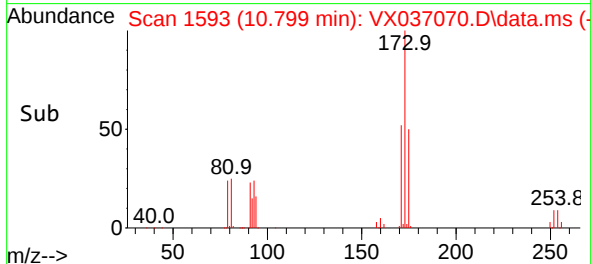
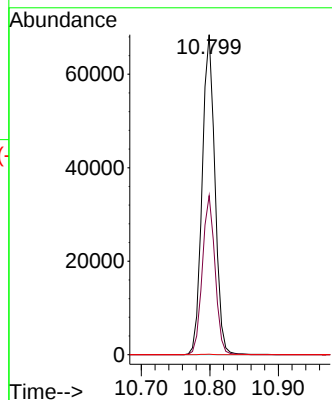
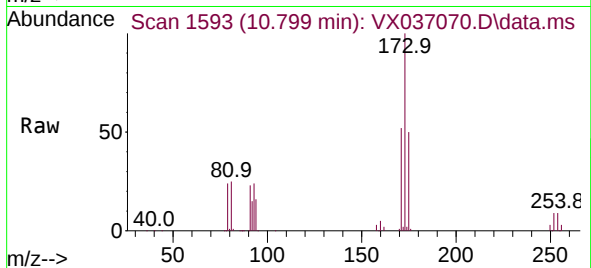
Tgt Ion:173 Resp: 88961

Ion Ratio Lower Upper

173 100

175 49.5 24.1 72.4

254 0.1 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: VX037070.D

Acq: 18 Aug 2023 09:26

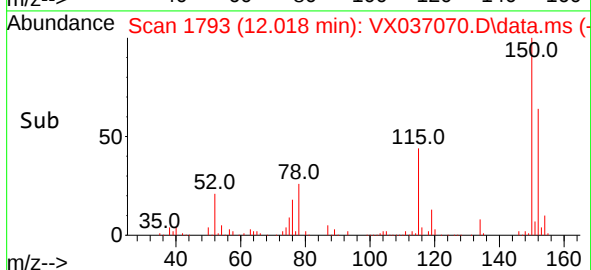
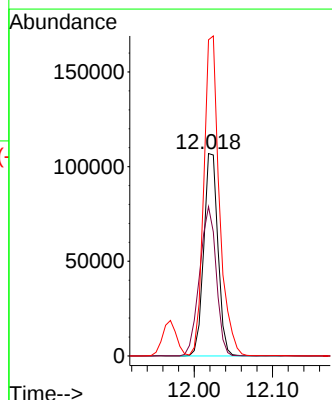
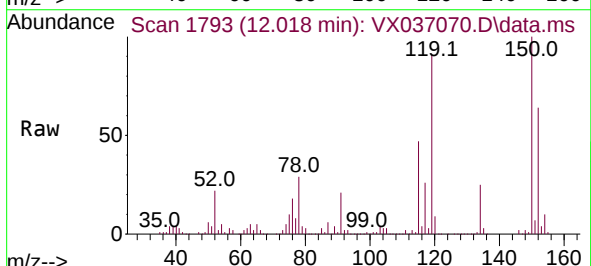
Tgt Ion:152 Resp: 134144

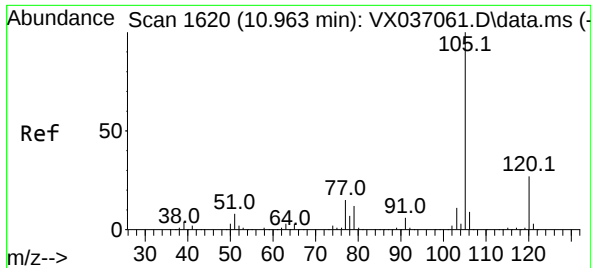
Ion Ratio Lower Upper

152 100

115 86.7 43.3 129.9

150 173.5 0.0 345.0

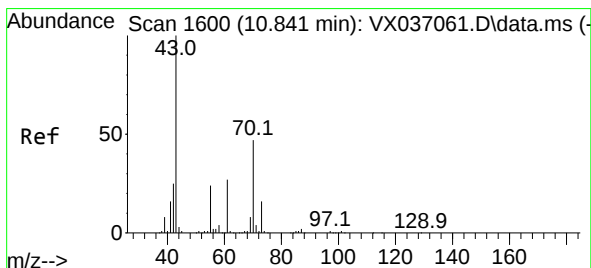
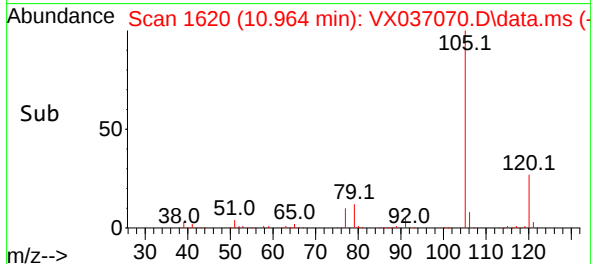
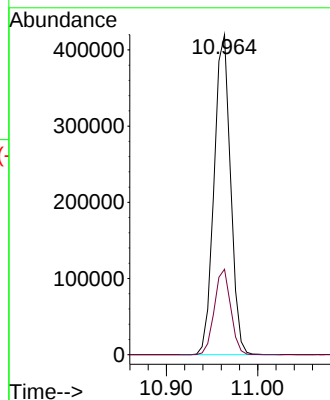
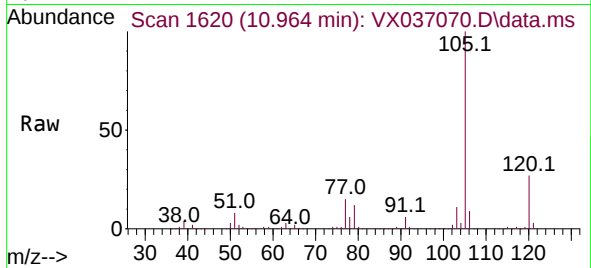




#73
Isopropylbenzene
Concen: 53.793 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

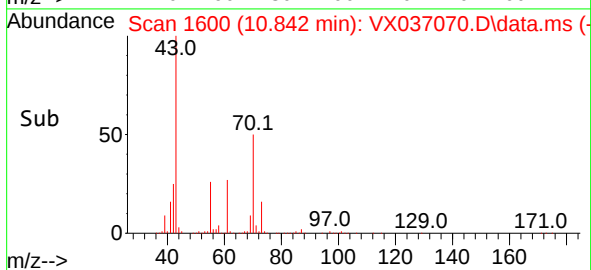
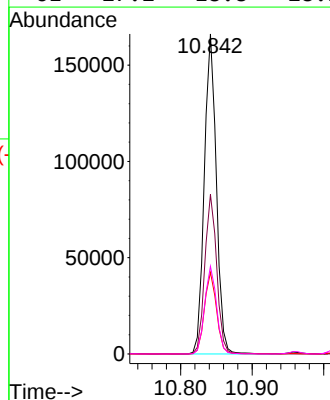
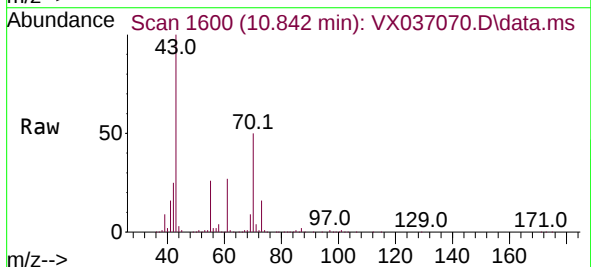
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

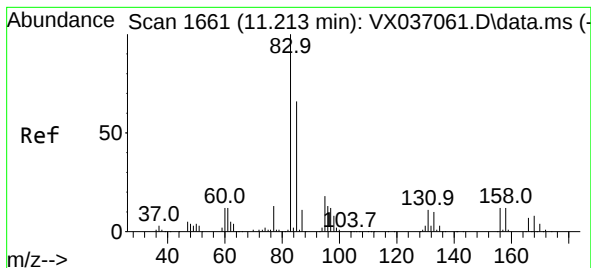
Tgt Ion:105 Resp: 524494
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6



#74
N-ethyl acetate
Concen: 51.275 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion: 43 Resp: 194261
Ion Ratio Lower Upper
43 100
70 49.6 32.9 49.3#
55 25.7 19.3 28.9
61 27.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.052 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

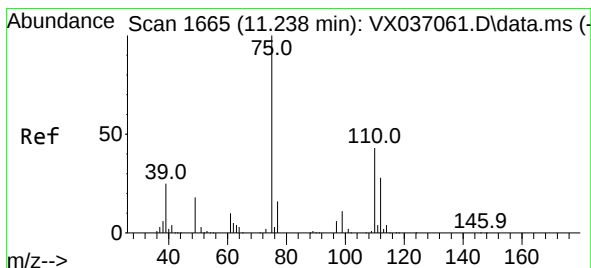
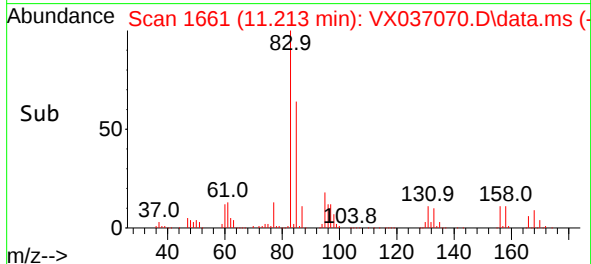
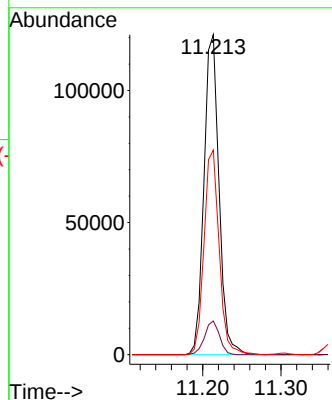
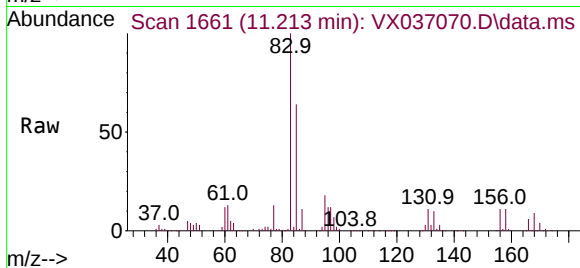
Tgt Ion: 83 Resp: 161068

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

85 64.4 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 66.103 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX037070.D

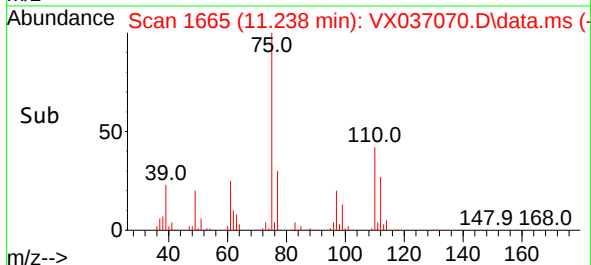
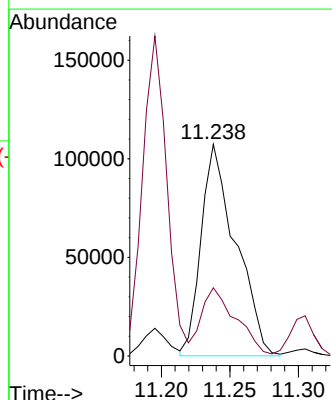
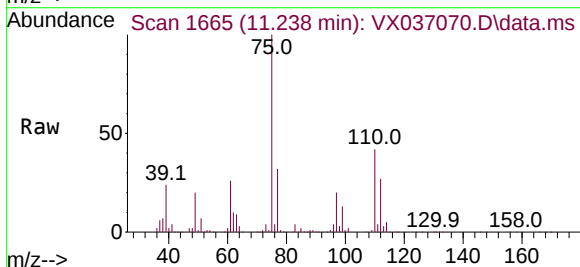
Acq: 18 Aug 2023 09:26

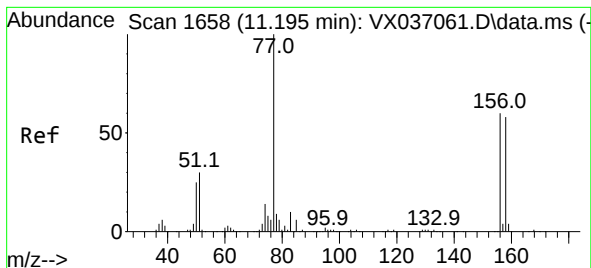
Tgt Ion: 75 Resp: 188845

Ion Ratio Lower Upper

75 100

77 32.2 19.1 57.5





#77

Bromobenzene

Concen: 52.678 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

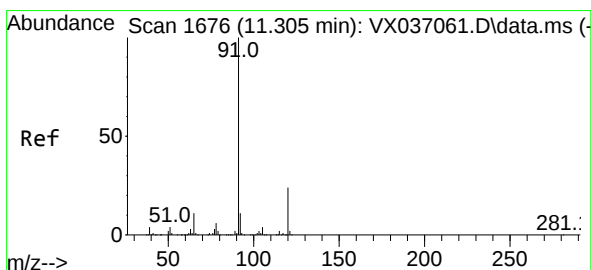
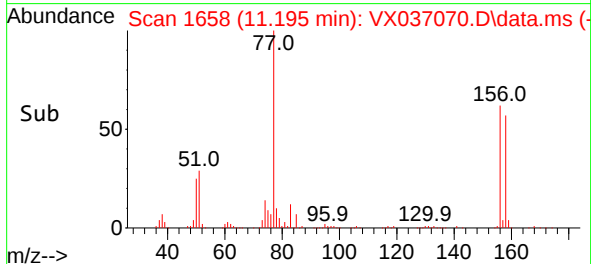
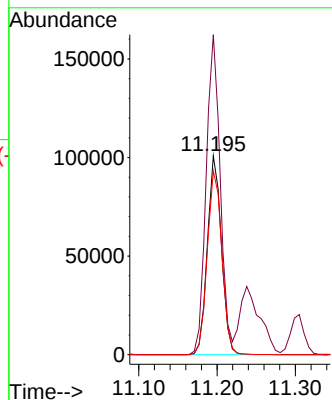
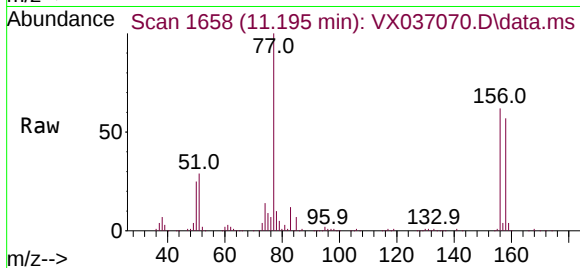
Tgt Ion:156 Resp: 125440

Ion Ratio Lower Upper

156 100

77 160.9 88.4 265.3

158 95.8 48.0 144.0



#78

n-propylbenzene

Concen: 54.665 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037070.D

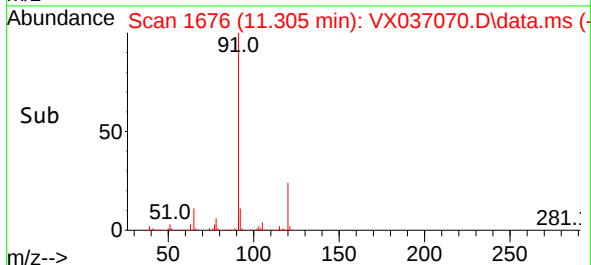
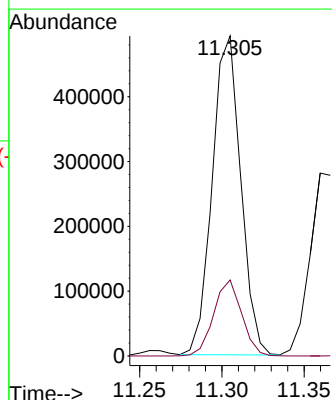
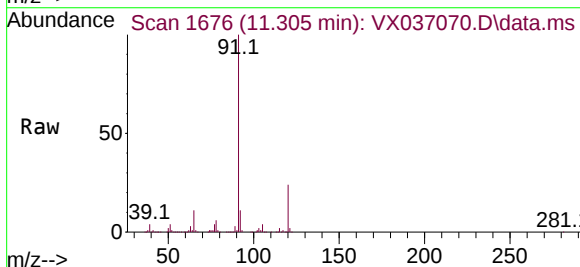
Acq: 18 Aug 2023 09:26

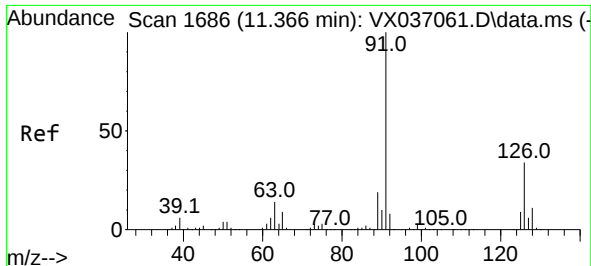
Tgt Ion: 91 Resp: 593501

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.070 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

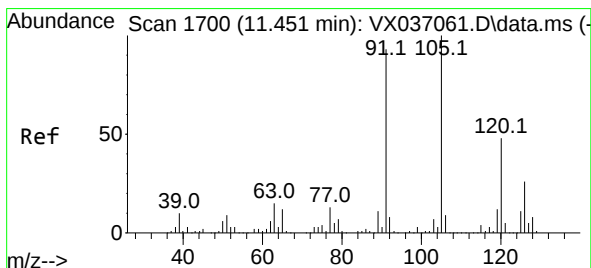
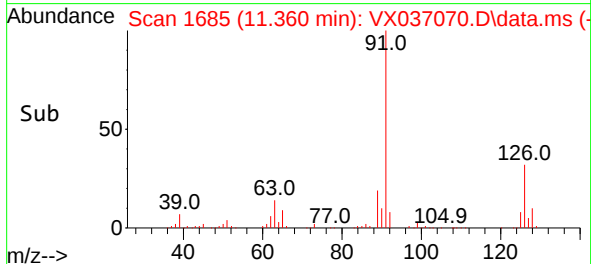
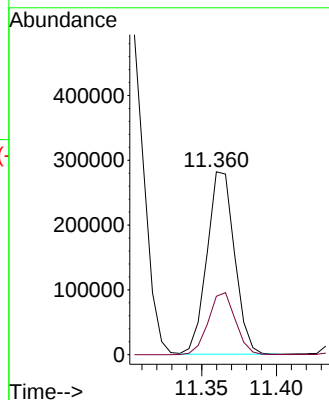
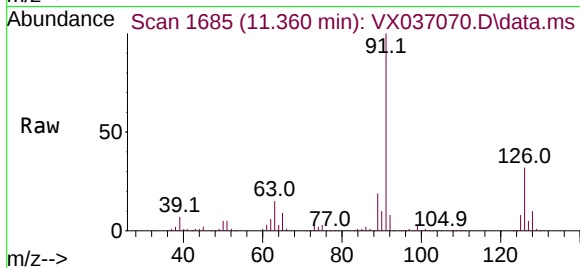
VSTDCCC050

Tgt Ion: 91 Resp: 361265

Ion Ratio Lower Upper

91 100

126 33.4 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 53.946 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX037070.D

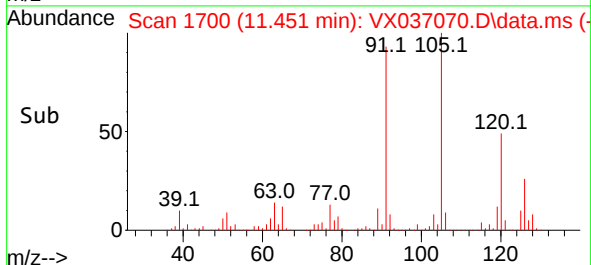
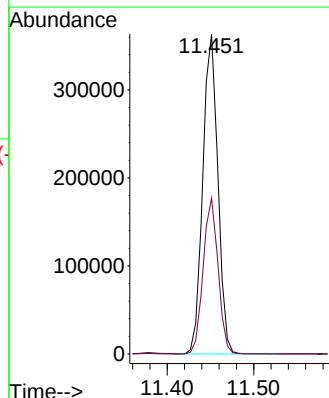
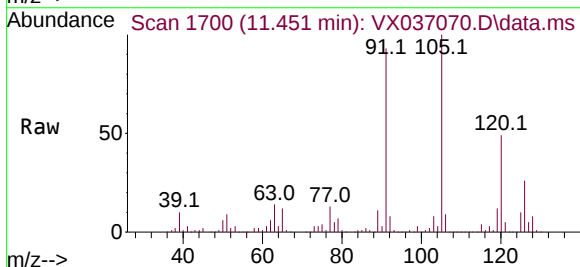
Acq: 18 Aug 2023 09:26

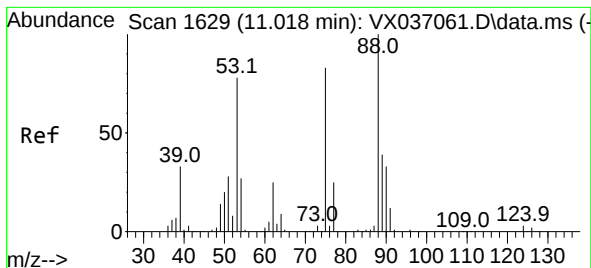
Tgt Ion: 105 Resp: 438764

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.3

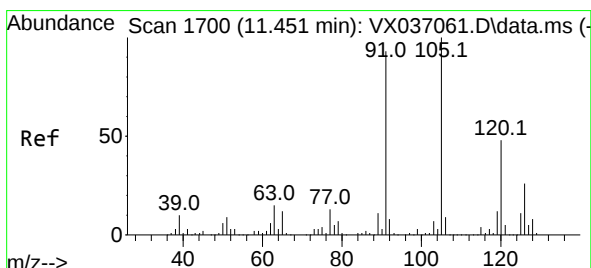
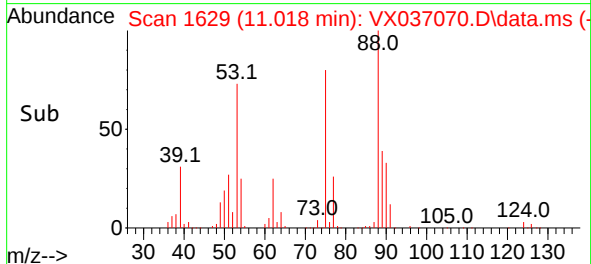
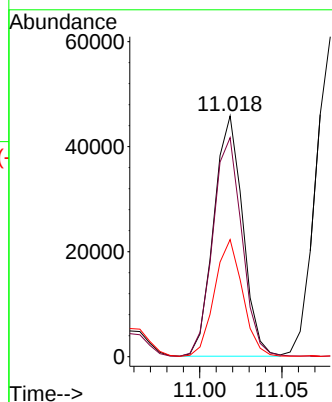
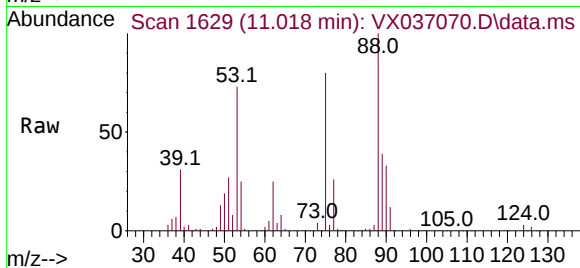




#81
trans-1,4-Dichloro-2-butene
Concen: 54.942 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

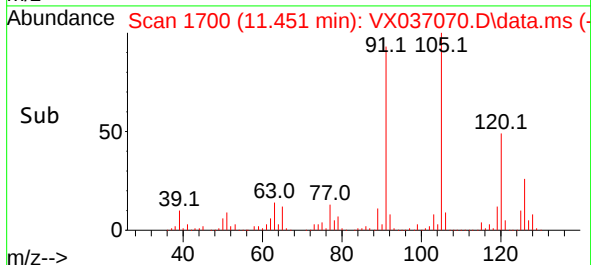
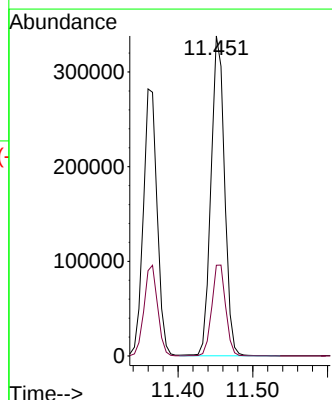
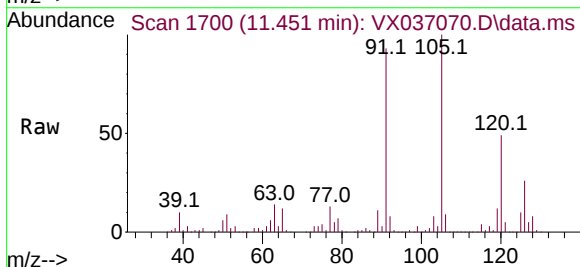
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

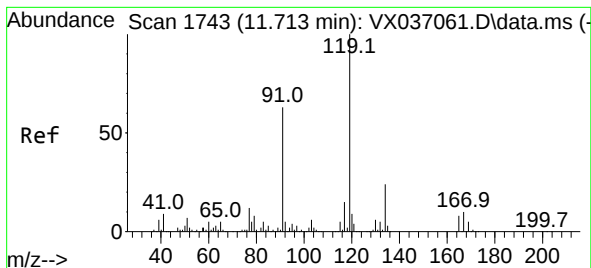
Tgt Ion:	75	Resp:	56197
Ion	Ratio	Lower	Upper
75	100		
53	91.9	90.5	135.7
89	47.1	36.9	55.3



#82
4-Chlorotoluene
Concen: 53.074 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037070.D
Acq: 18 Aug 2023 09:26

Tgt Ion:	91	Resp:	425067
Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.2	42.6





#83

tert-Butylbenzene

Concen: 54.131 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

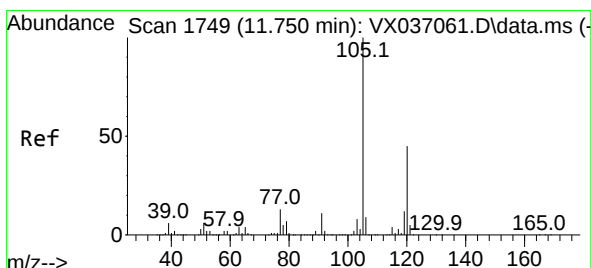
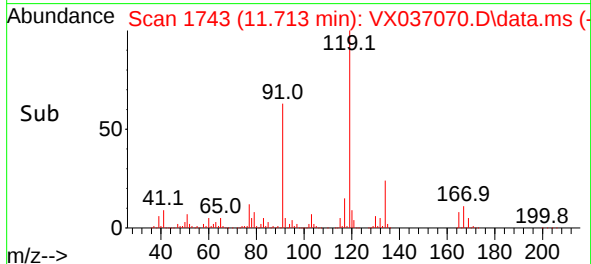
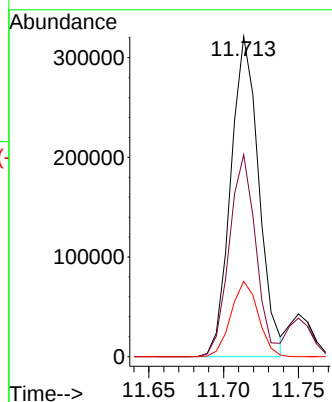
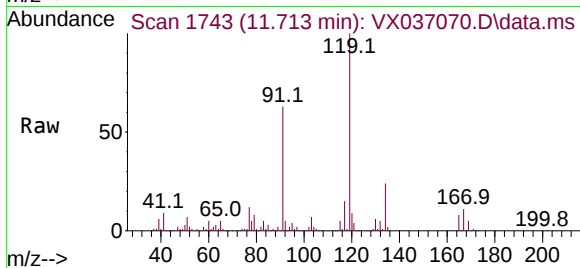
Tgt Ion:119 Resp: 419884

Ion Ratio Lower Upper

119 100

91 60.2 31.2 93.6

134 22.9 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 53.567 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX037070.D

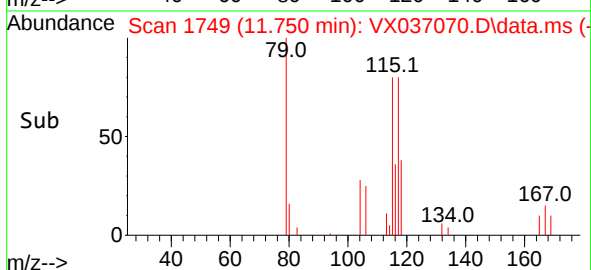
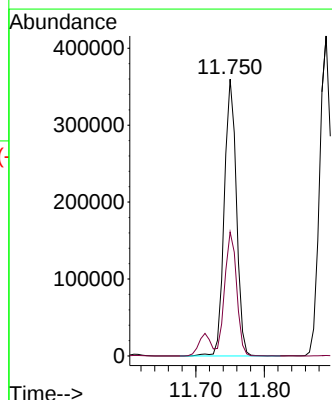
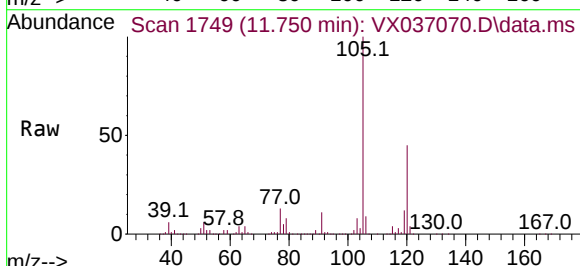
Acq: 18 Aug 2023 09:26

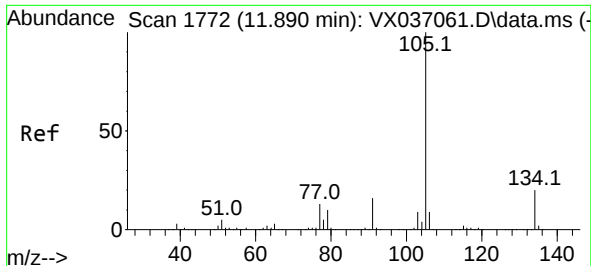
Tgt Ion:105 Resp: 440322

Ion Ratio Lower Upper

105 100

120 44.4 21.2 63.6

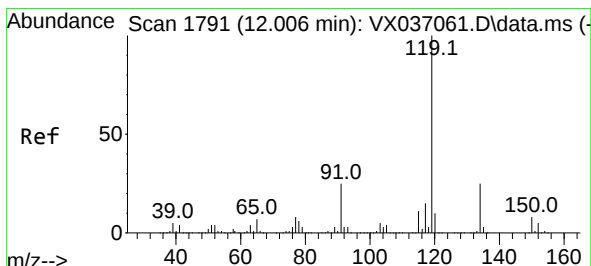
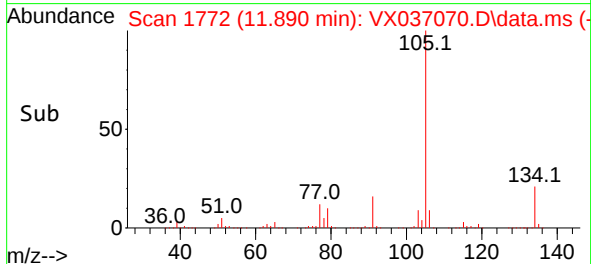
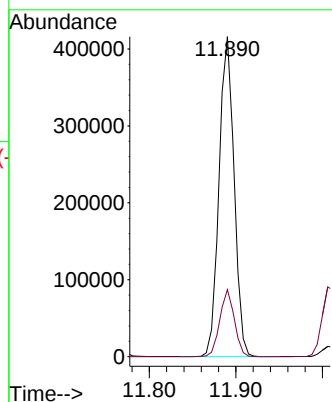
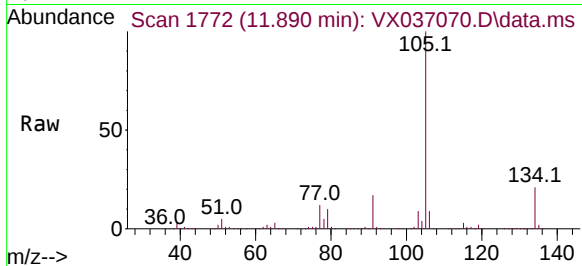




#85
 sec-Butylbenzene
 Concen: 55.465 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037070.D
 Acq: 18 Aug 2023 09:26

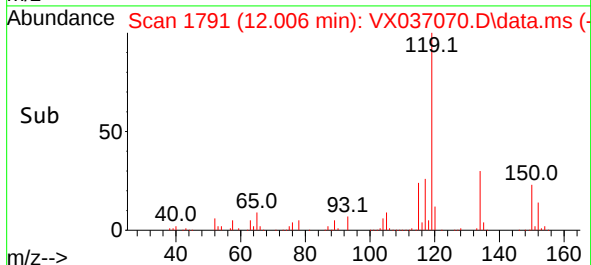
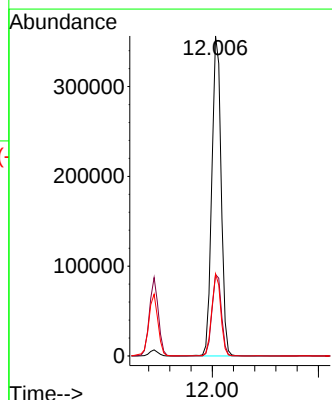
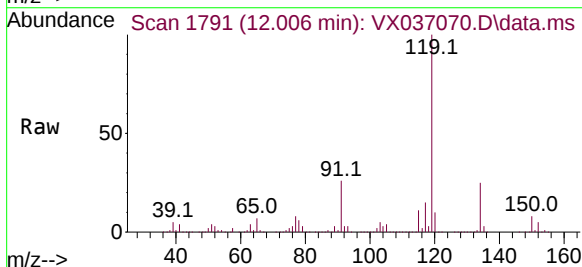
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

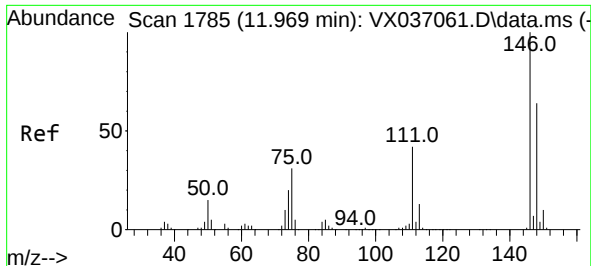
Tgt Ion:105 Resp: 502526
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 55.477 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX037070.D
 Acq: 18 Aug 2023 09:26

Tgt Ion:119 Resp: 432698
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 24.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.851 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

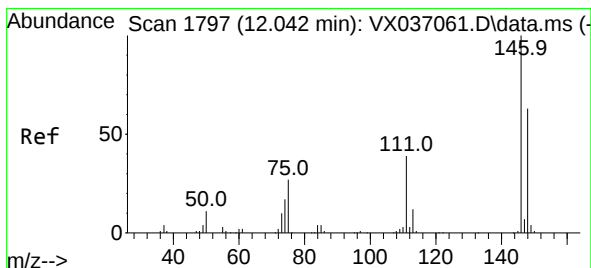
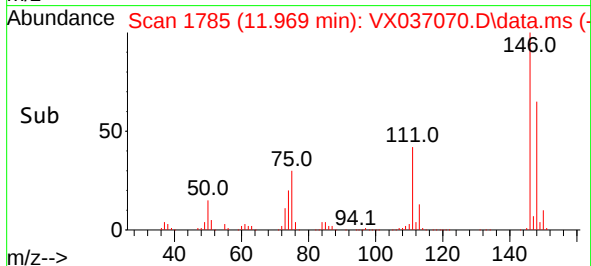
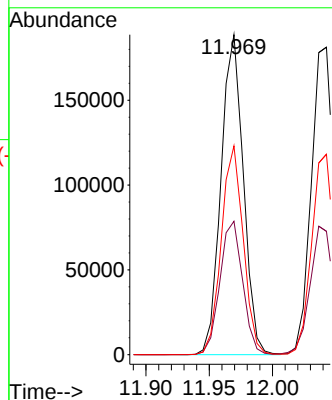
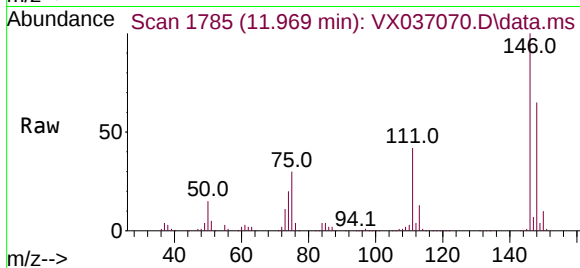
Tgt Ion:146 Resp: 231164

Ion Ratio Lower Upper

146 100

111 42.6 22.1 66.1

148 64.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.451 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

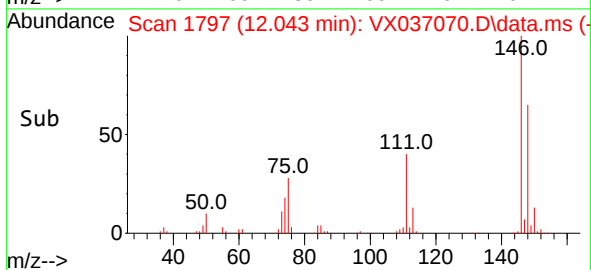
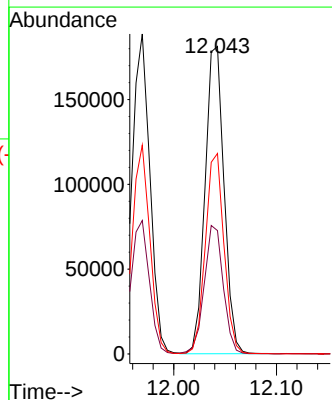
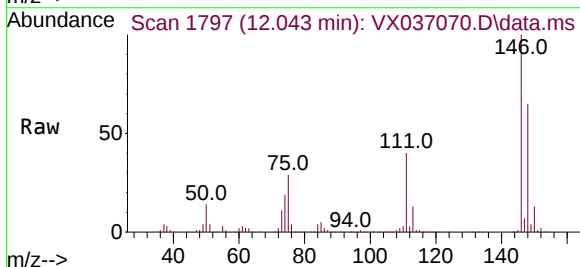
Tgt Ion:146 Resp: 232384

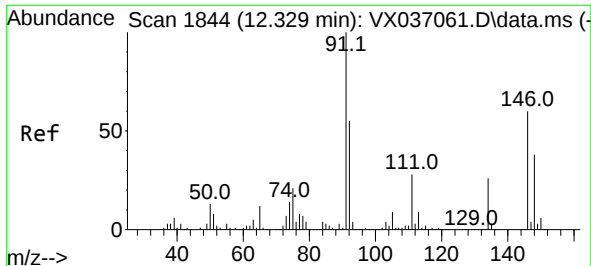
Ion Ratio Lower Upper

146 100

111 42.0 21.3 63.7

148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 57.164 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

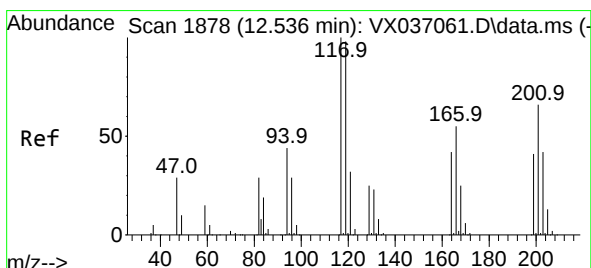
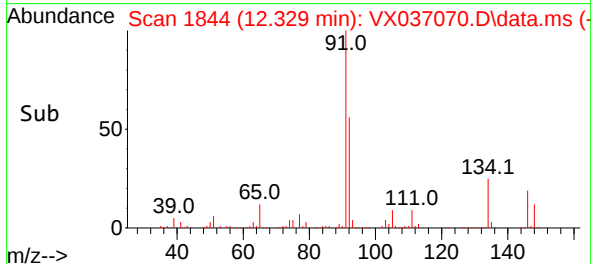
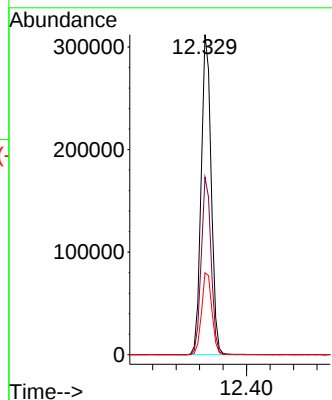
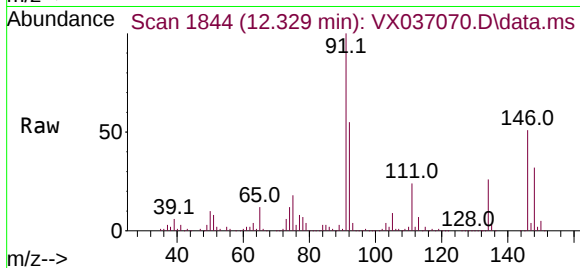
Tgt Ion: 91 Resp: 369645

Ion Ratio Lower Upper

91 100

92 54.9 27.4 82.0

134 26.3 12.6 37.8



#90

Hexachloroethane

Concen: 58.145 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX037070.D

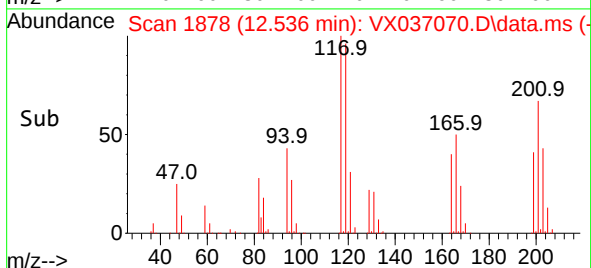
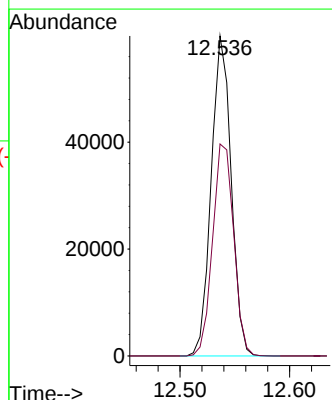
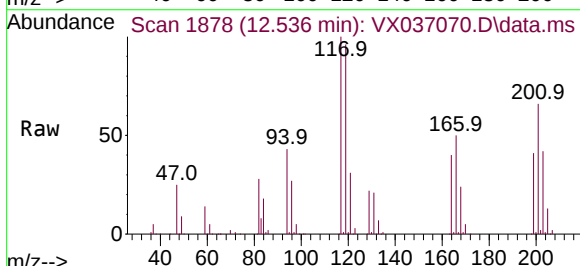
Acq: 18 Aug 2023 09:26

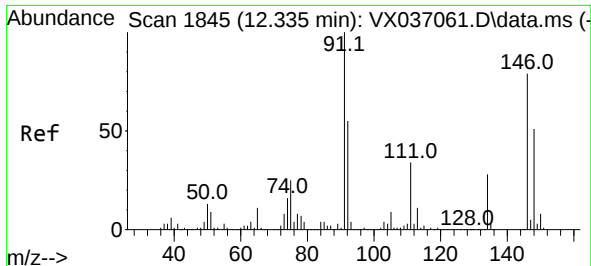
Tgt Ion: 117 Resp: 75694

Ion Ratio Lower Upper

117 100

201 70.1 32.9 98.6

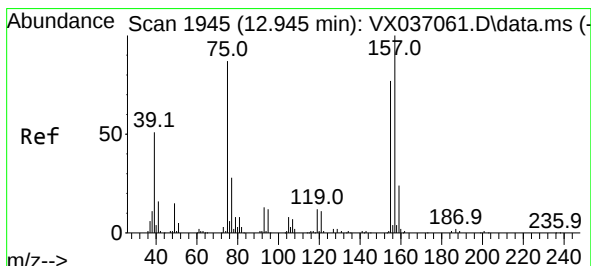
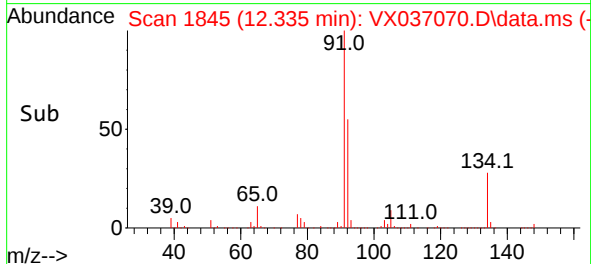
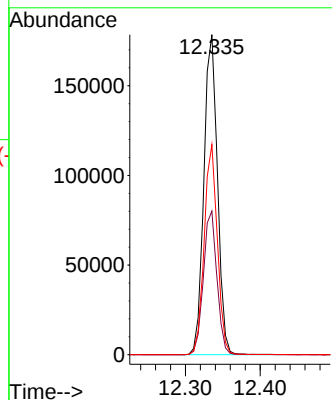
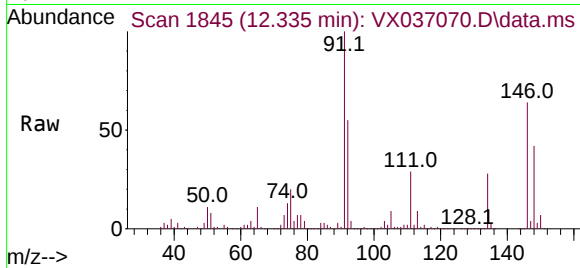




#91
 1,2-Dichlorobenzene
 Concen: 51.619 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX037070.D
 Acq: 18 Aug 2023 09:26

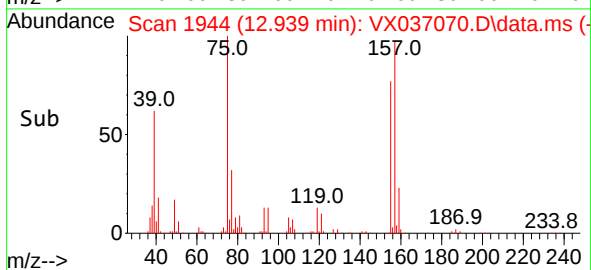
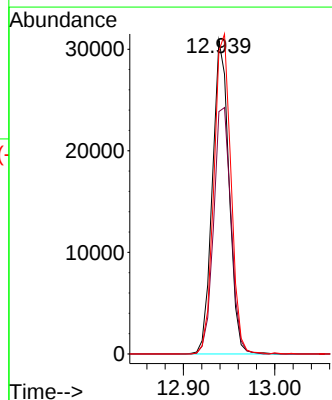
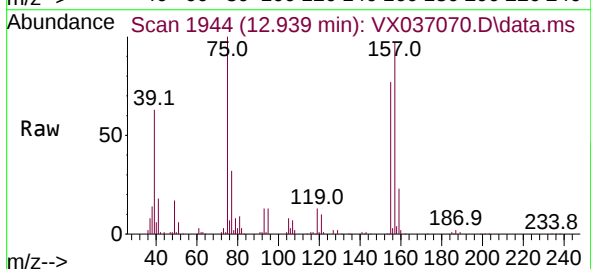
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

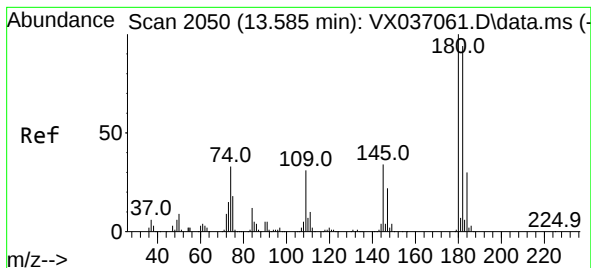
Tgt Ion:146 Resp: 225349
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.4 67.0
 148 63.6 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.071 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.006 min
 Lab File: VX037070.D
 Acq: 18 Aug 2023 09:26

Tgt Ion: 75 Resp: 38966
 Ion Ratio Lower Upper
 75 100
 155 82.0 36.1 108.5
 157 104.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.919 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

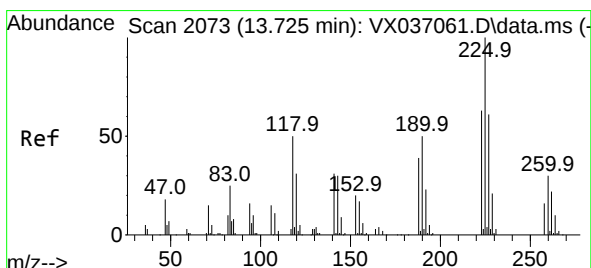
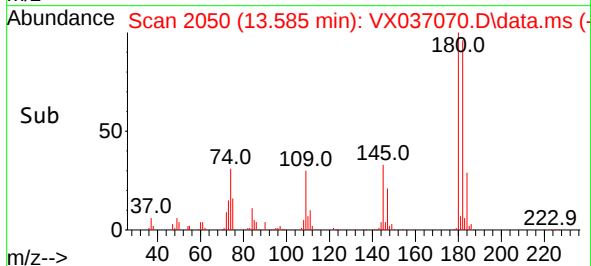
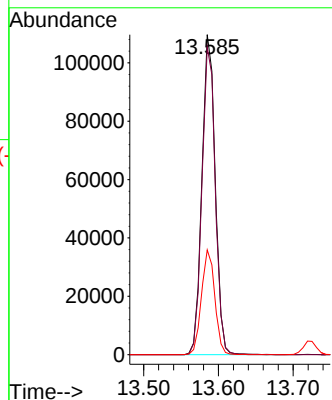
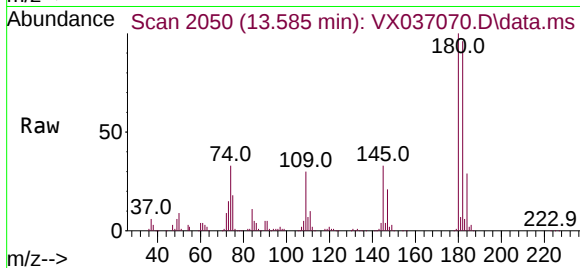
Tgt Ion:180 Resp: 135176

Ion Ratio Lower Upper

180 100

182 96.4 48.3 144.8

145 32.9 18.0 54.0



#94

Hexachlorobutadiene

Concen: 57.460 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

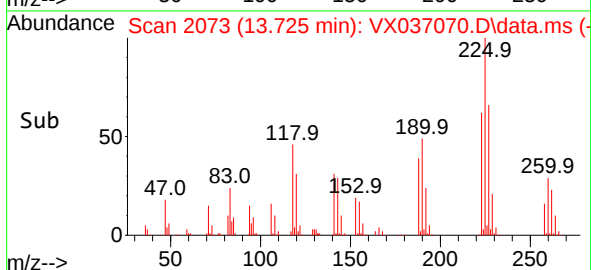
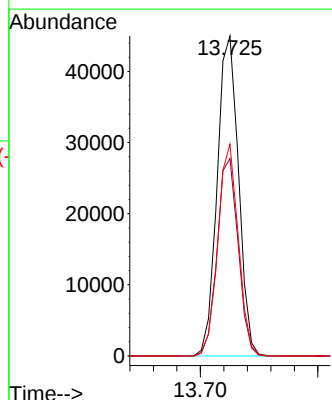
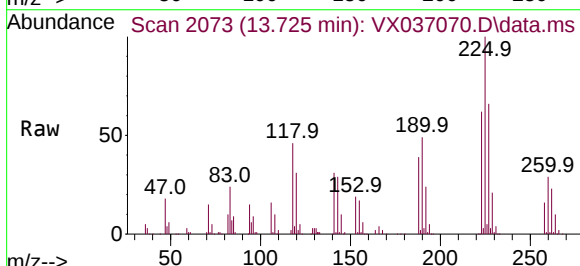
Tgt Ion:225 Resp: 56703

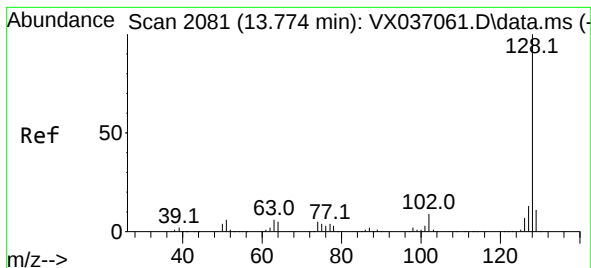
Ion Ratio Lower Upper

225 100

223 60.7 31.1 93.2

227 63.2 32.5 97.5





#95

Naphthalene

Concen: 43.690 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

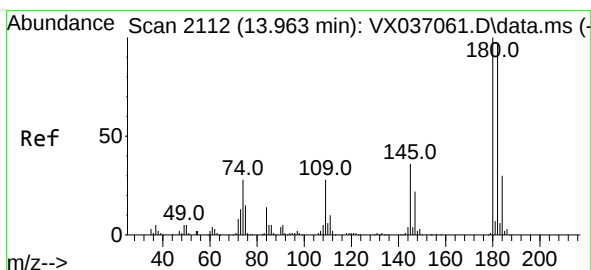
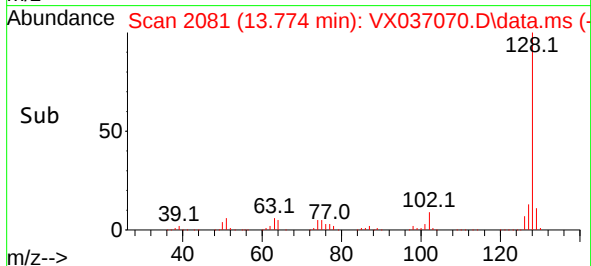
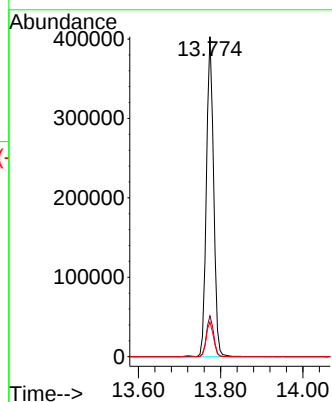
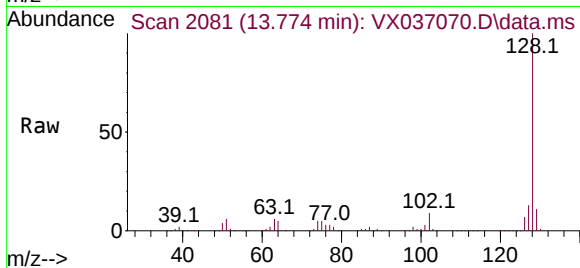
Tgt Ion:128 Resp: 488860

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 53.180 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX037070.D

Acq: 18 Aug 2023 09:26

Tgt Ion:180 Resp: 134963

Ion Ratio Lower Upper

180 100

182 93.1 46.9 140.6

145 34.6 17.8 53.5

