

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051822\
 Data File : VX028810.D
 Acq On : 18 May 2022 16:56
 Operator : JC/MD
 Sample : N2858-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-38

Quant Time: May 19 01:36:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

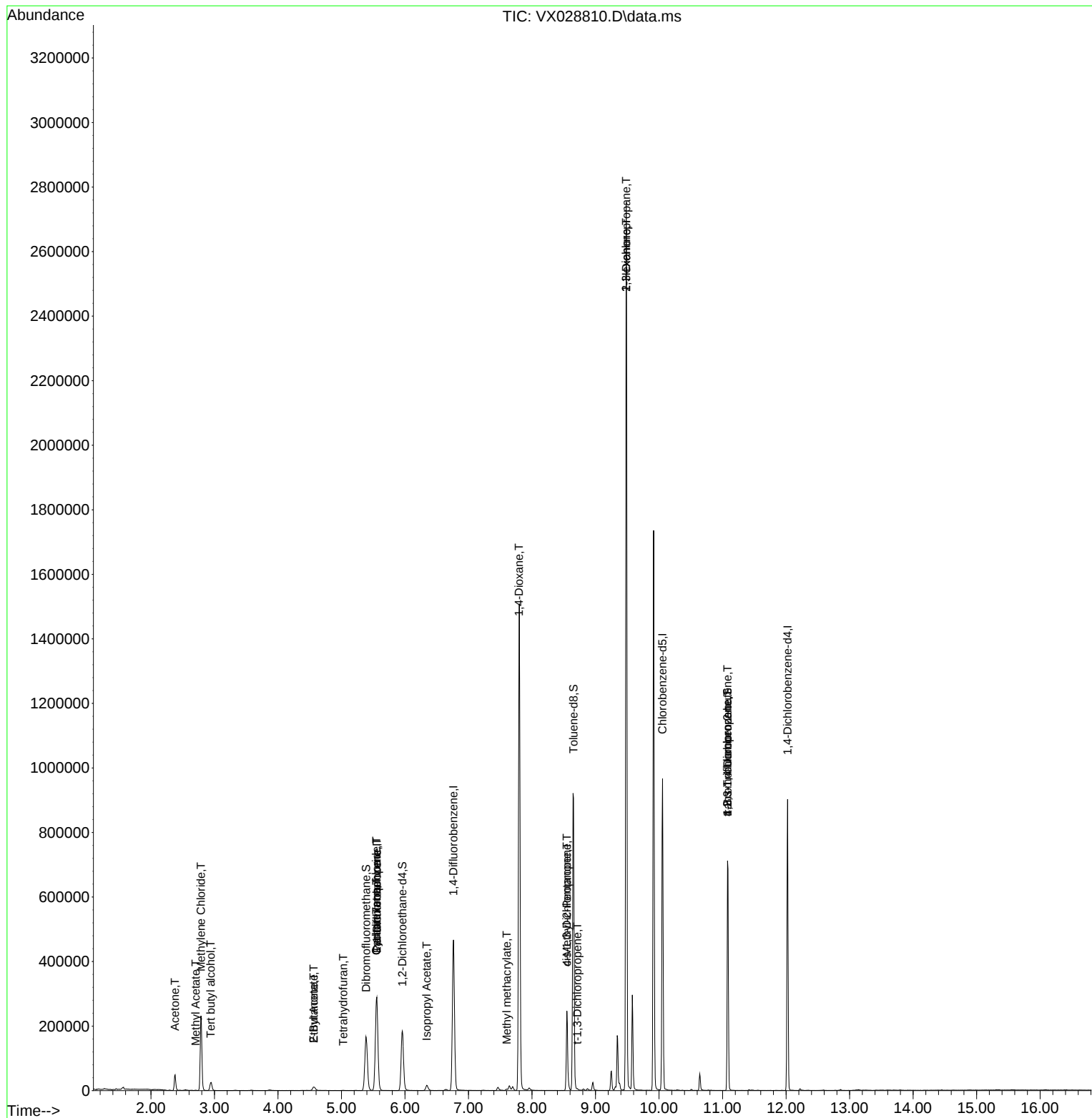
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	269336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	469654	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	177762	48.148	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.300%
35) Dibromofluoromethane	5.385	113	143577	46.660	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.320%
50) Toluene-d8	8.653	98	555676	47.898	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.800%
62) 4-Bromofluorobenzene	11.079	95	188817	43.575	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.140%
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	646	Below Cal	#	55
6) Chloroethane	1.703	64	359	Below Cal	#	85
11) Tert butyl alcohol	2.940	59	14623	11.037	ug/l #	78
16) Acetone	2.379	43	51195	32.310	ug/l	92
18) Methyl Acetate	2.703	43	1276	0.322	ug/l #	77
20) Methylene Chloride	2.788	84	104376	31.399	ug/l	92
25) 2-Butanone	4.562	43	9829	3.952	ug/l #	88
29) Tetrahydrofuran	5.025	42	558	0.345	ug/l #	66
31) Cyclohexane	5.550	56	6160	1.202	ug/l #	30
36) 1,1-Dichloropropene	5.556	75	22235	4.811	ug/l #	50
37) Ethyl Acetate	4.562	43	9829	2.036	ug/l #	68
38) Carbon Tetrachloride	5.550	117	28055	6.032	ug/l #	16
43) Isopropyl Acetate	6.342	43	22537	2.984	ug/l	93
48) Methyl methacrylate	7.604	41	7010	1.921	ug/l #	7
49) 1,4-Dioxane	7.793	88	163	1.788	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	81613	16.406	ug/l #	45
53) t-1,3-Dichloropropene	8.714	75	20	1.644	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	38806	7.506	ug/l #	73
57) 1,3-Dichloropropane	9.482	76	24737	4.209	ug/l #	43
59) 2-Hexanone	9.482	43	313697	81.167	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	100196	24.734	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	100196	71.945	ug/l #	15

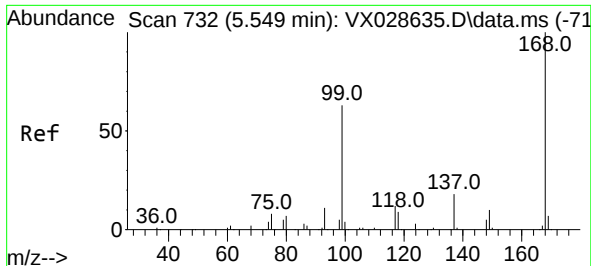
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051822\
Data File : VX028810.D
Acq On : 18 May 2022 16:56
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Instrument :
MSVOA_X
ClientSampleId :
TP-38

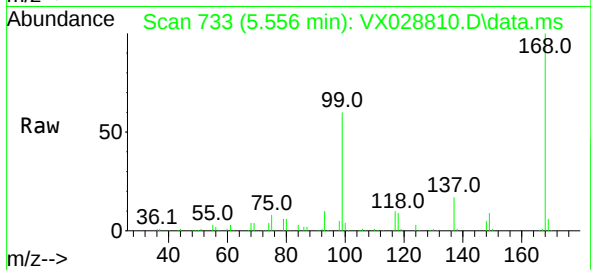
Quant Time: May 19 01:36:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
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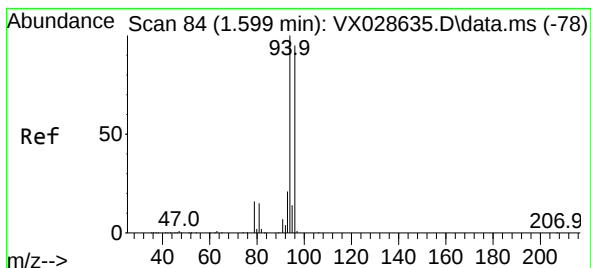
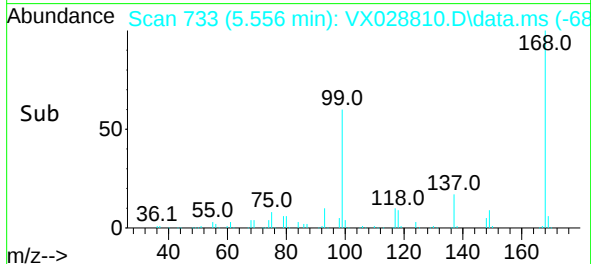
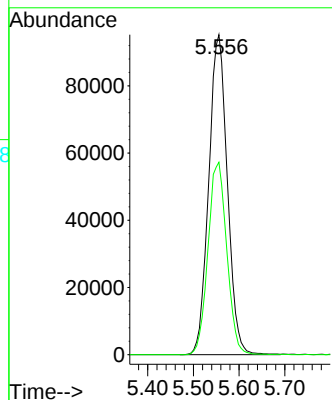


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028810.D
Acq: 18 May 2022 16:56

Instrument :
MSVOA_X
ClientSampleId :
TP-38

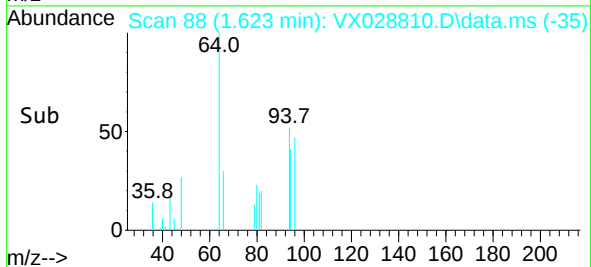
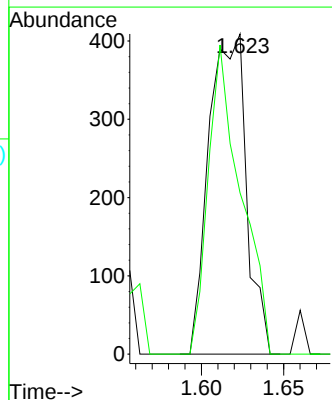
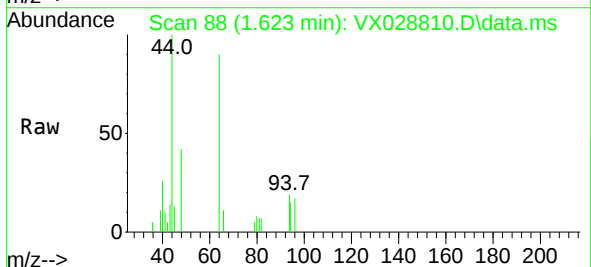


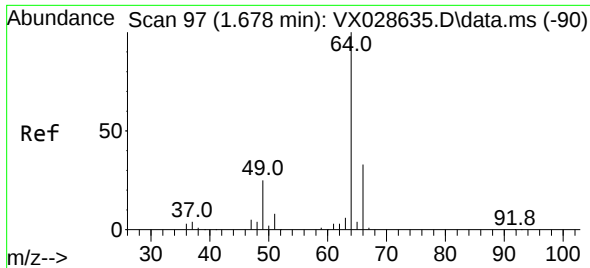
Tgt Ion:168 Resp: 269336
Ion Ratio Lower Upper
168 100
99 60.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX028810.D
Acq: 18 May 2022 16:56

Tgt Ion: 94 Resp: 646
Ion Ratio Lower Upper
94 100
96 50.4 75.3 112.9#

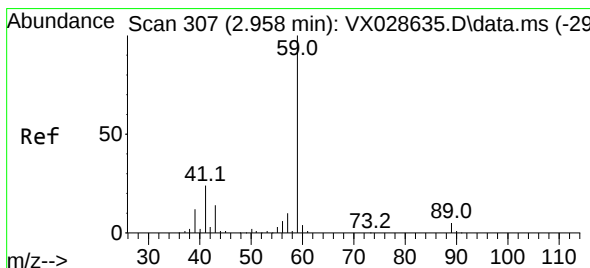
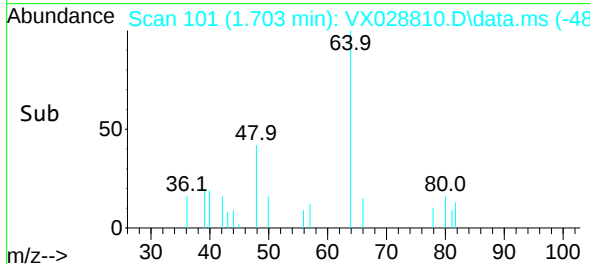
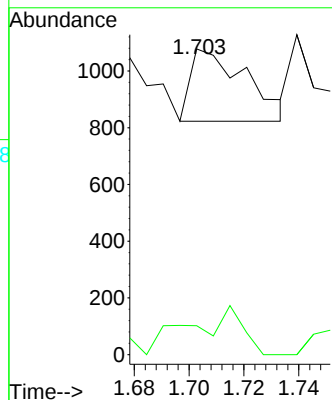
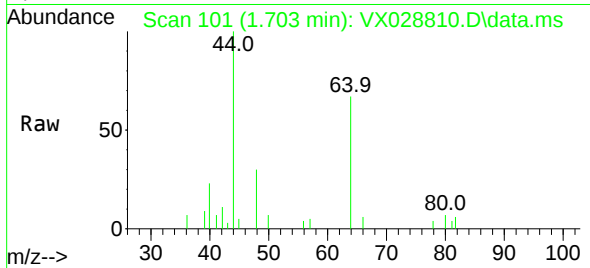




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.025 min
Lab File: VX028810.D
Acq: 18 May 2022 16:56

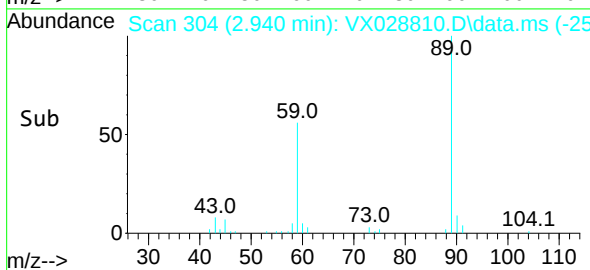
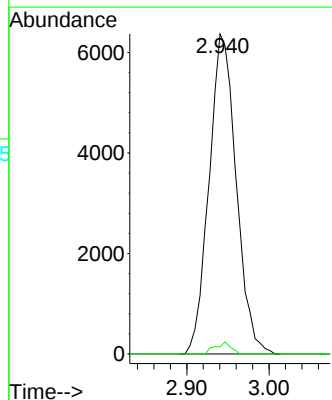
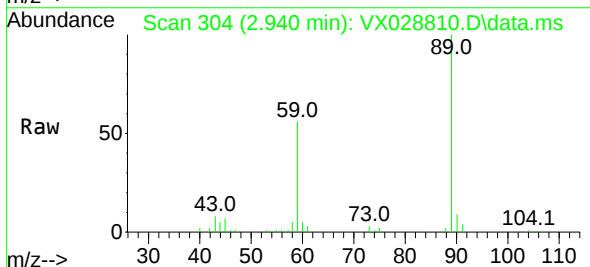
Instrument :
MSVOA_X
ClientSampleId :
TP-38

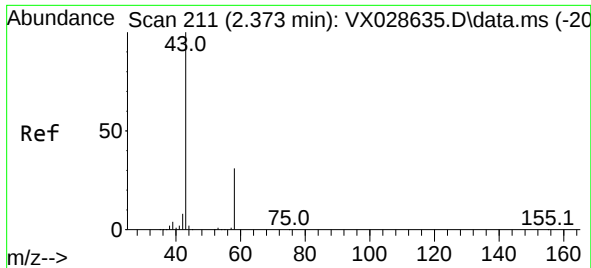
Tgt Ion: 64 Resp: 359
Ion Ratio Lower Upper
64 100
66 40.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 11.037 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX028810.D
Acq: 18 May 2022 16:56

Tgt Ion: 59 Resp: 14623
Ion Ratio Lower Upper
59 100
57 2.2 8.3 12.5#

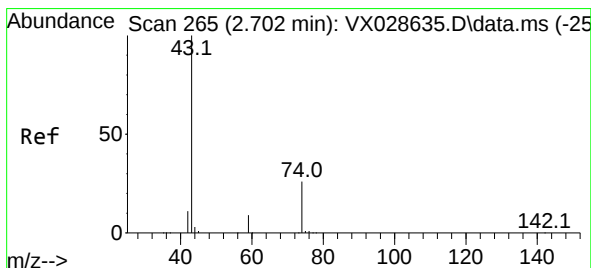
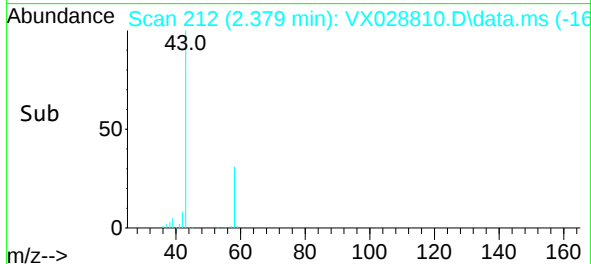
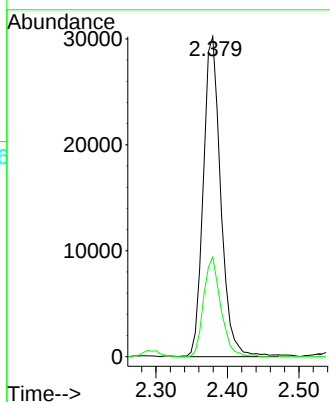
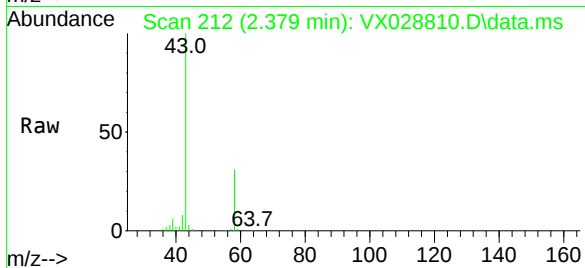




#16
Acetone
Concen: 32.310 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028810.D
Acq: 18 May 2022 16:56

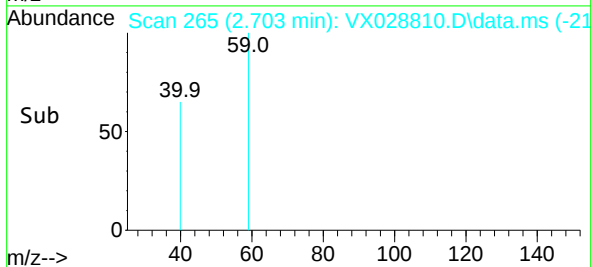
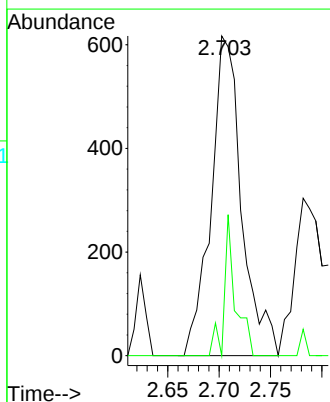
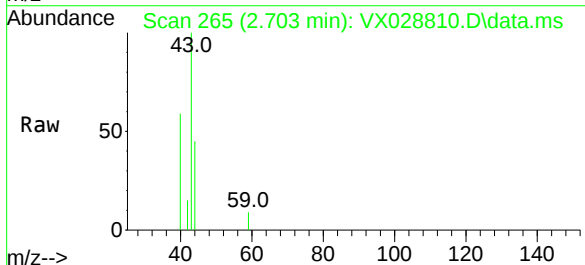
Instrument :
MSVOA_X
ClientSampleId :
TP-38

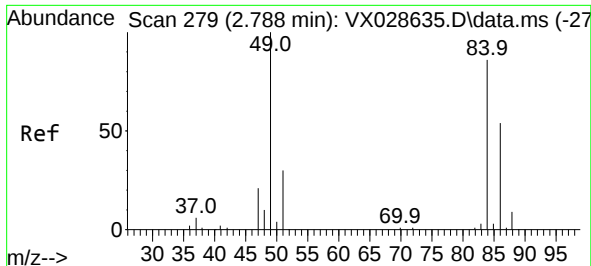
Tgt Ion: 43 Resp: 51195
Ion Ratio Lower Upper
43 100
58 31.1 28.8 43.2



#18
Methyl Acetate
Concen: 0.322 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028810.D
Acq: 18 May 2022 16:56

Tgt Ion: 43 Resp: 1276
Ion Ratio Lower Upper
43 100
74 16.3 22.8 34.2#

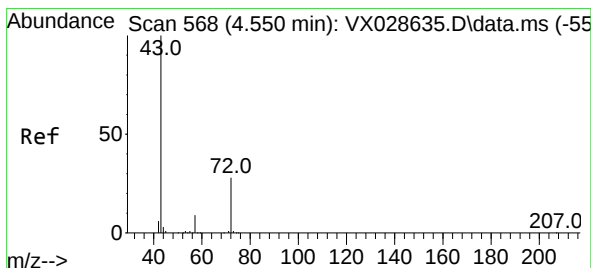
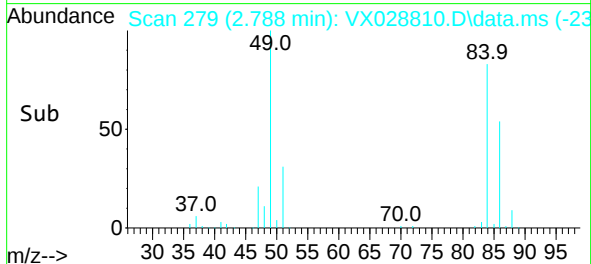
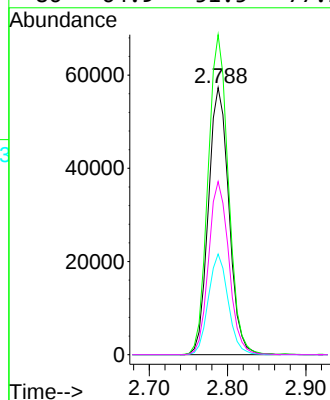
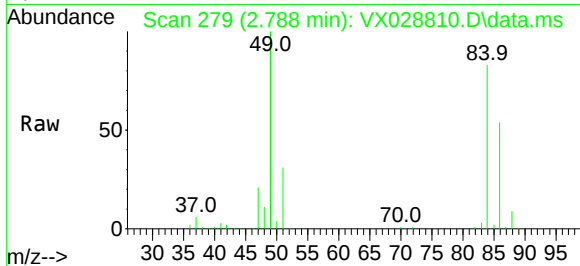




#20
Methylene Chloride
Concen: 31.399 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028810.D
Acq: 18 May 2022 16:56

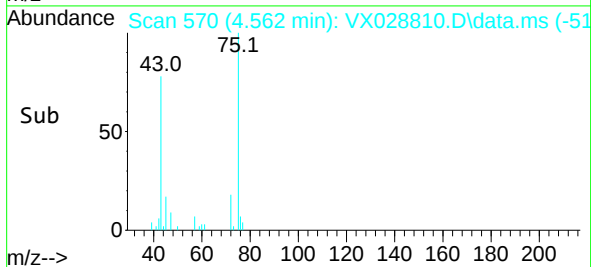
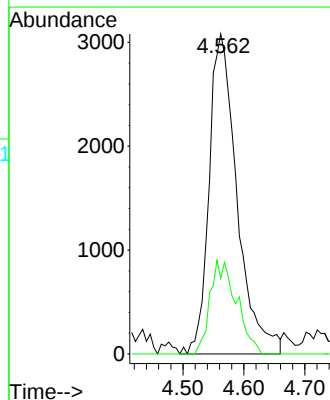
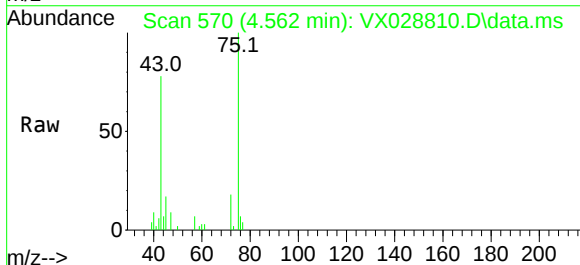
Instrument :
MSVOA_X
ClientSampleId :
TP-38

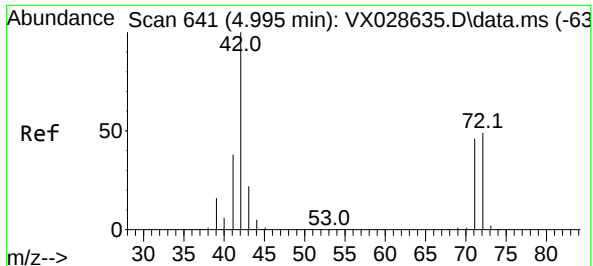
Tgt Ion:	84	Resp:	104376
Ion	Ratio	Lower	Upper
84	100		
49	119.8	85.5	128.3
51	37.7	26.6	39.8
86	64.9	51.5	77.3



#25
2-Butanone
Concen: 3.952 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.012 min
Lab File: VX028810.D
Acq: 18 May 2022 16:56

Tgt Ion:	43	Resp:	9829
Ion	Ratio	Lower	Upper
43	100		
72	23.7	24.4	36.6#





#29

Tetrahydrofuran

Concen: 0.345 ug/l

RT: 5.025 min Scan# 641

Delta R.T. 0.030 min

Lab File: VX028810.D

Acq: 18 May 2022 16:56

Instrument :

MSVOA_X

ClientSampleId :

TP-38

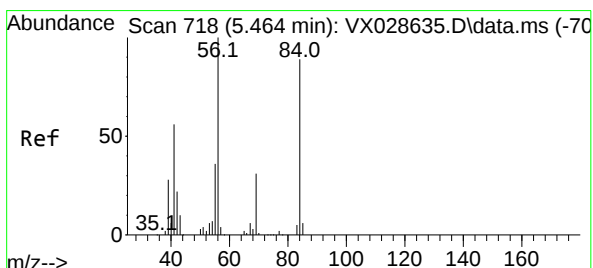
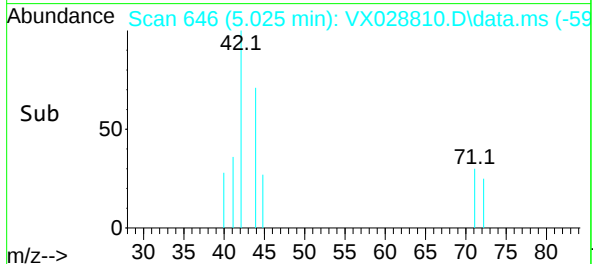
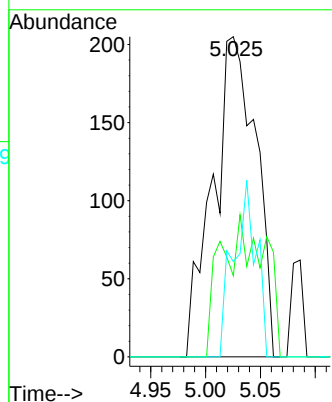
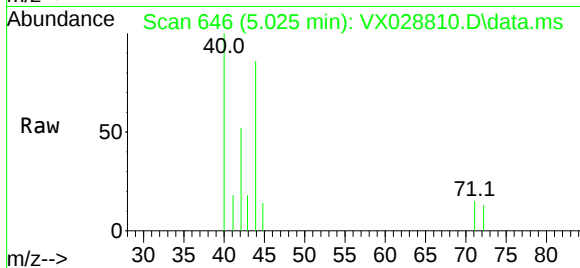
Tgt Ion: 42 Resp: 558

Ion Ratio Lower Upper

42 100

72 28.0 44.1 66.1#

71 29.0 40.5 60.7#



#31

Cyclohexane

Concen: 1.202 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.086 min

Lab File: VX028810.D

Acq: 18 May 2022 16:56

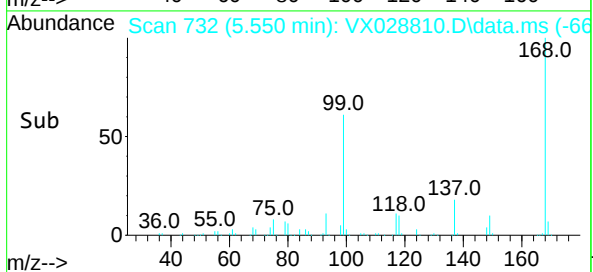
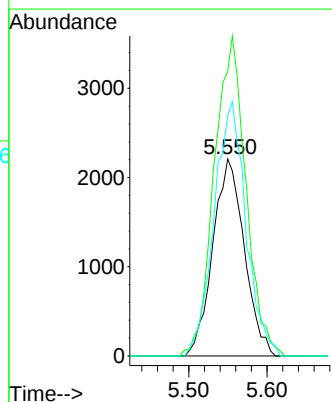
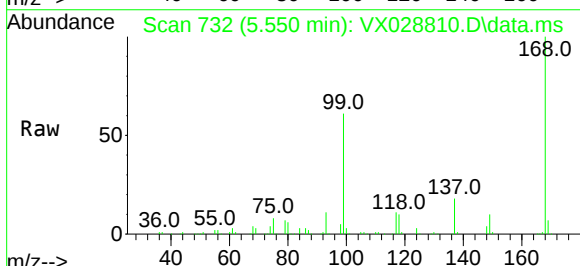
Tgt Ion: 56 Resp: 6160

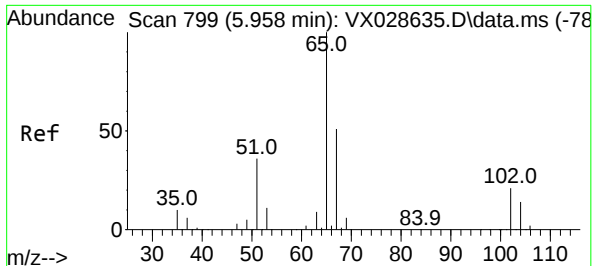
Ion Ratio Lower Upper

56 100

69 144.4 26.7 40.1#

84 122.1 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 48.148 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028810.D

Acq: 18 May 2022 16:56

Instrument :

MSVOA_X

ClientSampleId :

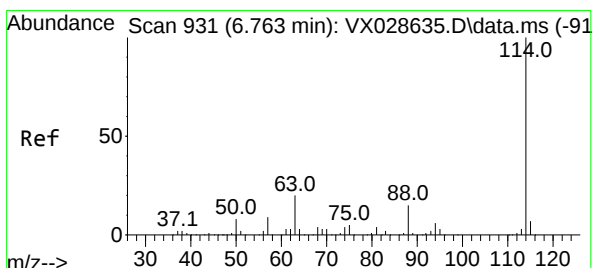
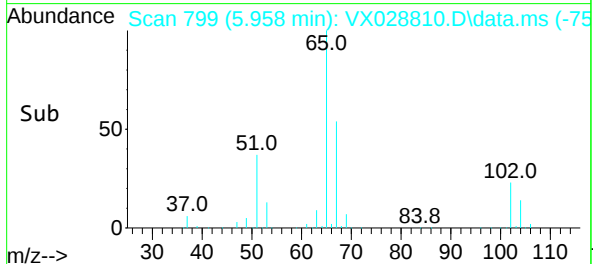
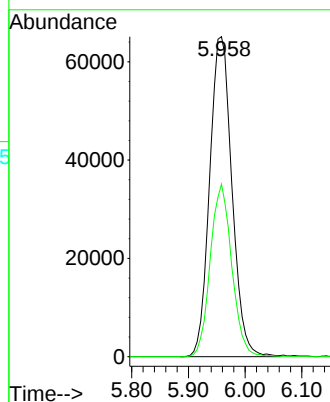
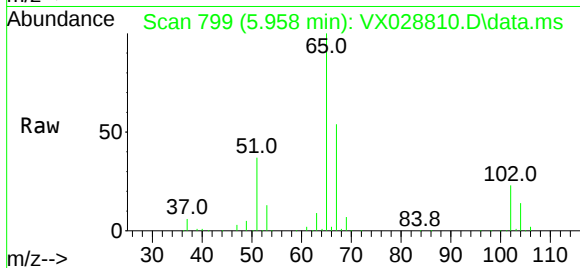
TP-38

Tgt Ion: 65 Resp: 177762

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028810.D

Acq: 18 May 2022 16:56

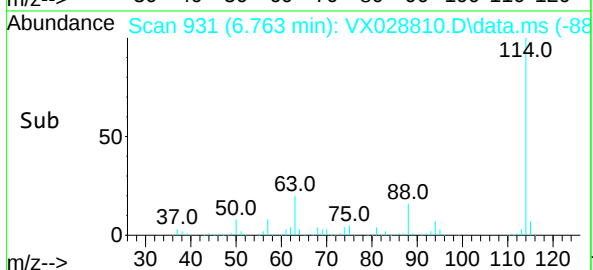
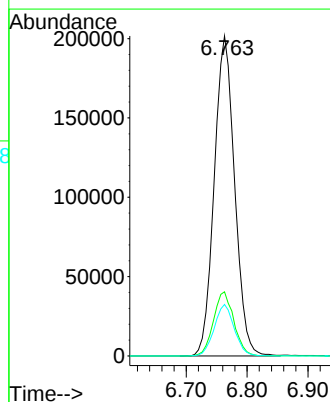
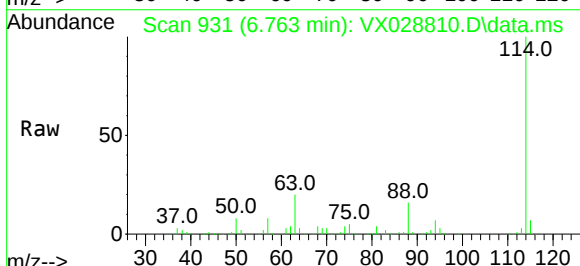
Tgt Ion: 114 Resp: 469654

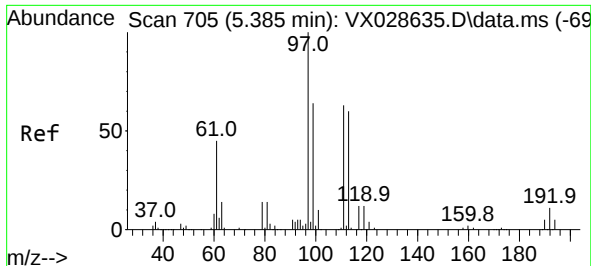
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.8

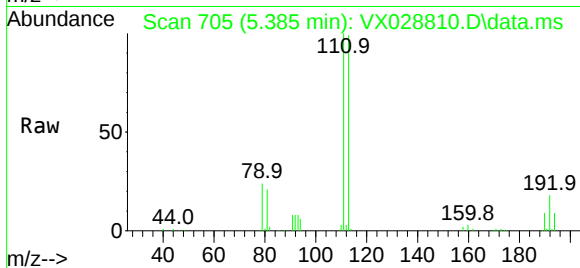
88 16.1 0.0 32.4



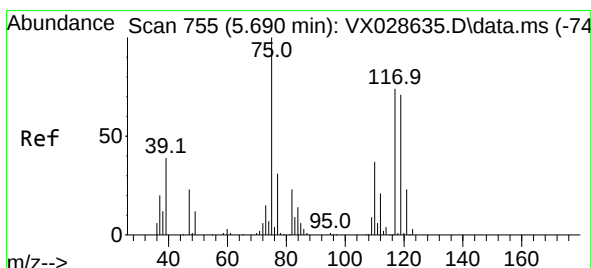
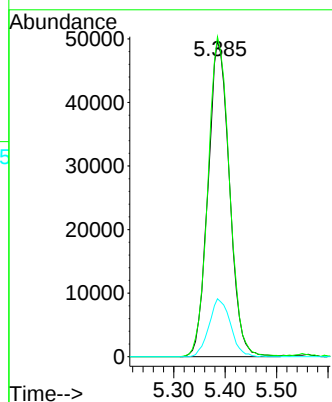
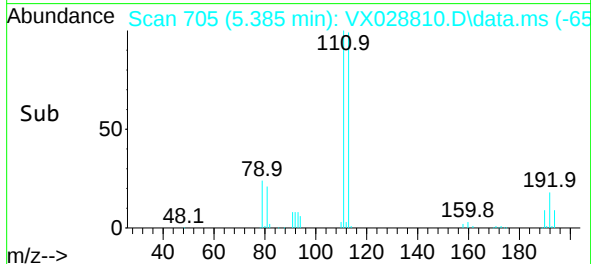


#35
Dibromofluoromethane
Concen: 46.660 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028810.D
Acq: 18 May 2022 16:56

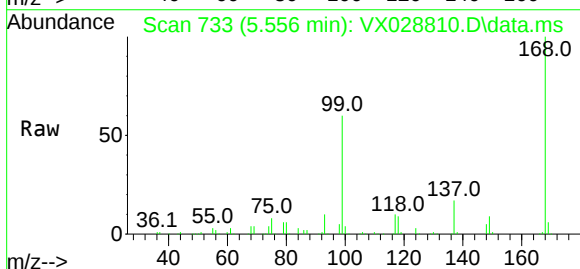
Instrument :
MSVOA_X
ClientSampleId :
TP-38



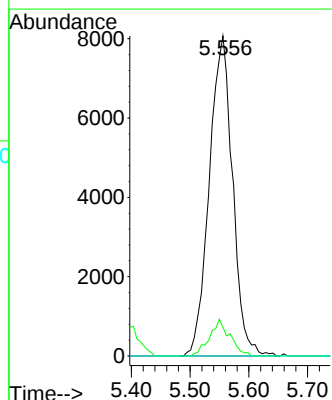
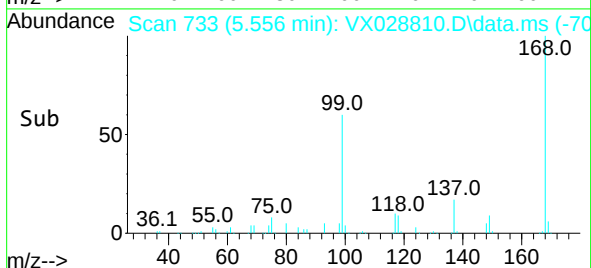
Tgt Ion:113 Resp: 143577
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 18.3 16.9 25.3

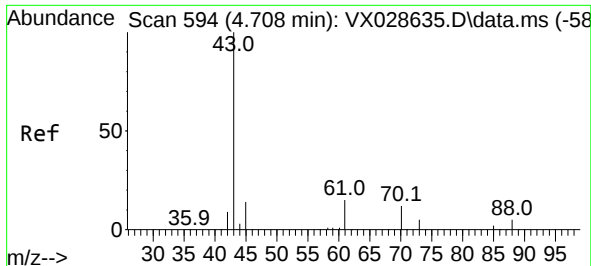


#36
1,1-Dichloropropene
Concen: 4.811 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028810.D
Acq: 18 May 2022 16:56



Tgt Ion: 75 Resp: 22235
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 2.036 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.146 min

Lab File: VX028810.D

Acq: 18 May 2022 16:56

Instrument :

MSVOA_X

ClientSampleId :

TP-38

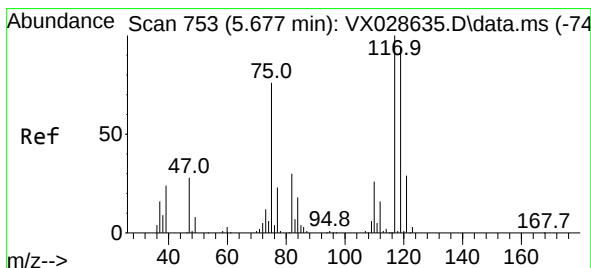
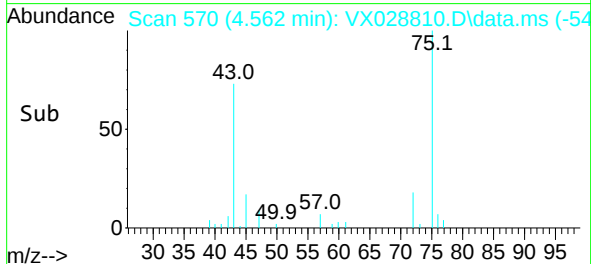
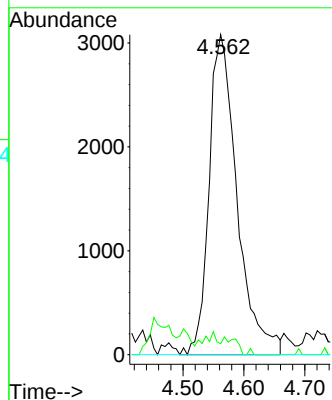
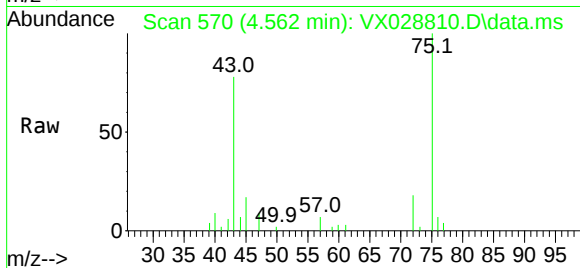
Tgt Ion: 43 Resp: 9829

Ion Ratio Lower Upper

43 100

61 2.6 12.6 19.0#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 6.032 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX028810.D

Acq: 18 May 2022 16:56

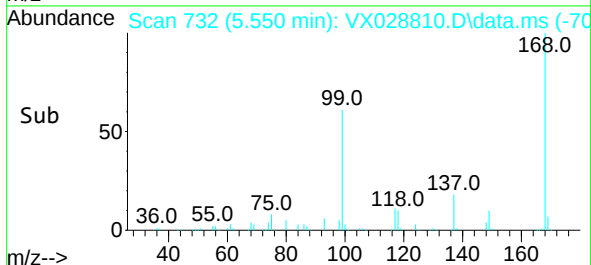
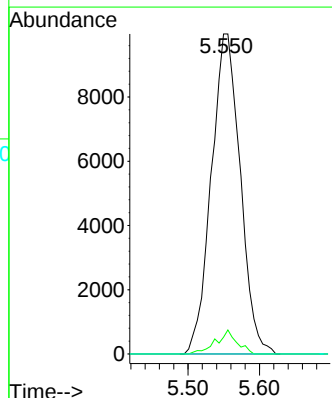
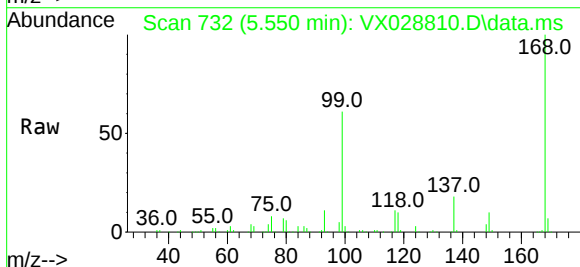
Tgt Ion: 117 Resp: 28055

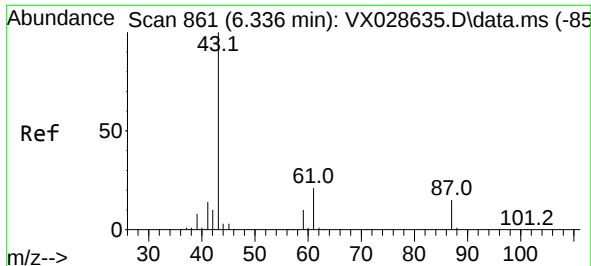
Ion Ratio Lower Upper

117 100

119 5.3 77.3 115.9#

121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 2.984 ug/l

RT: 6.342 min Scan# 8

Delta R.T. 0.006 min

Lab File: VX028810.D

Acq: 18 May 2022 16:56

Instrument :

MSVOA_X

ClientSampleId :

TP-38

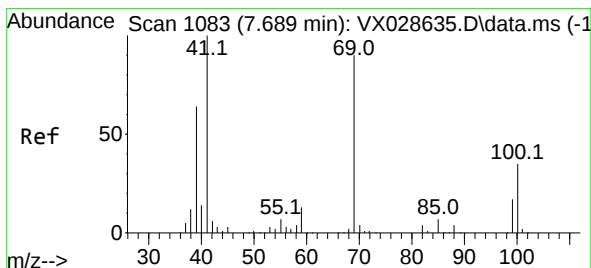
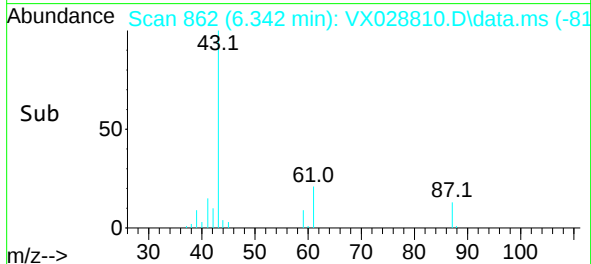
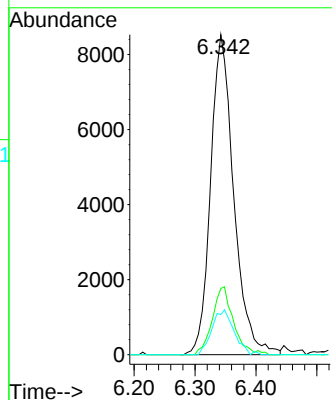
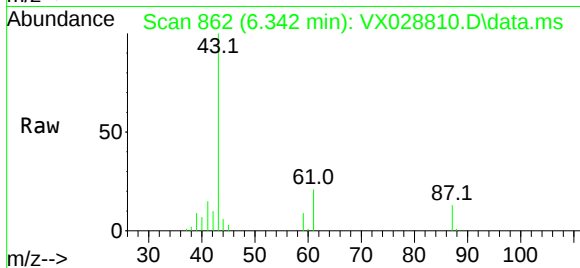
Tgt Ion: 43 Resp: 22537

Ion Ratio Lower Upper

43 100

61 19.4 18.5 27.7

87 13.4 13.0 19.6



#48

Methyl methacrylate

Concen: 1.921 ug/l

RT: 7.604 min Scan# 1069

Delta R.T. -0.085 min

Lab File: VX028810.D

Acq: 18 May 2022 16:56

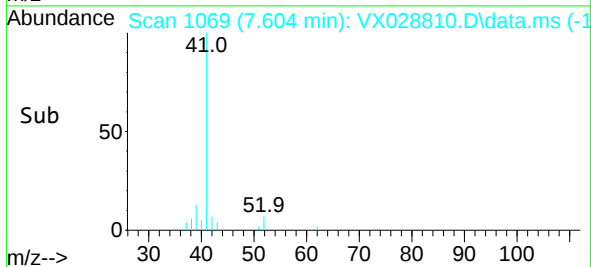
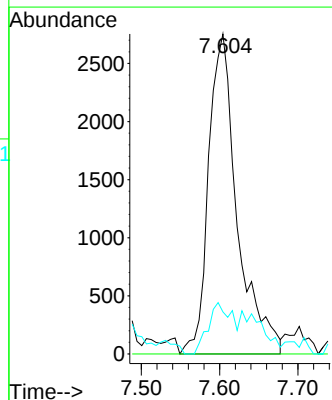
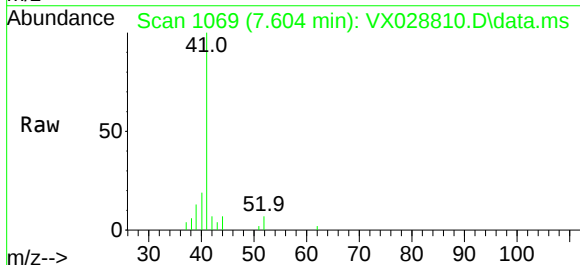
Tgt Ion: 41 Resp: 7010

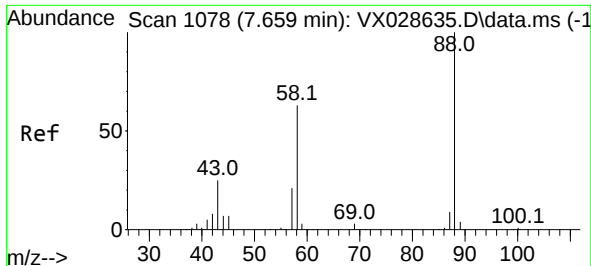
Ion Ratio Lower Upper

41 100

69 0.0 82.5 123.7#

39 0.0 43.8 65.8#





#49

1,4-Dioxane

Concen: 1.788 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.134 min

Lab File: VX028810.D

Acq: 18 May 2022 16:56

Instrument :

MSVOA_X

ClientSampleId :

TP-38

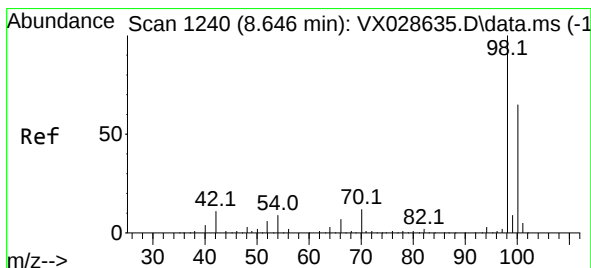
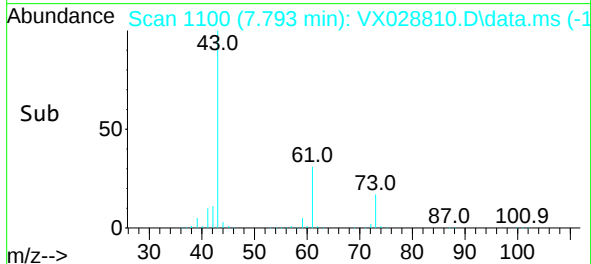
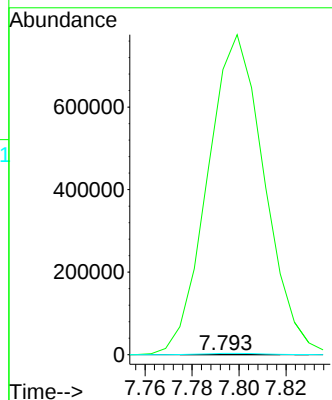
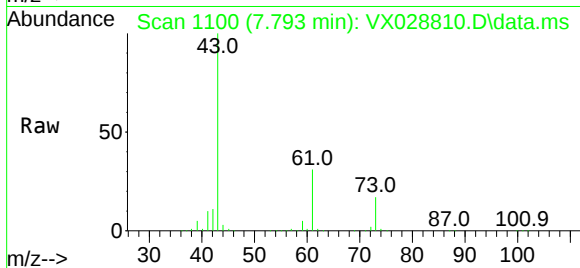
Tgt Ion: 88 Resp: 163

Ion Ratio Lower Upper

88 100

43 809881.0 21.9 32.9#

58 3566.9 53.7 80.5#



#50

Toluene-d8

Concen: 47.898 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028810.D

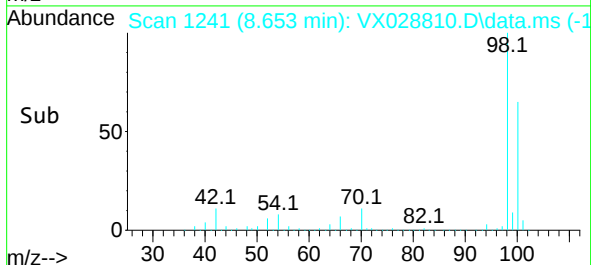
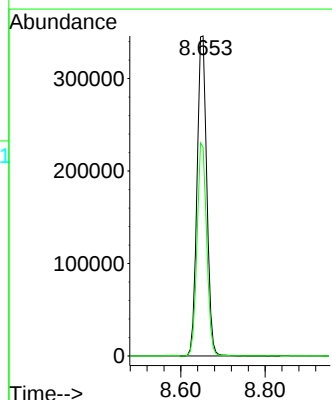
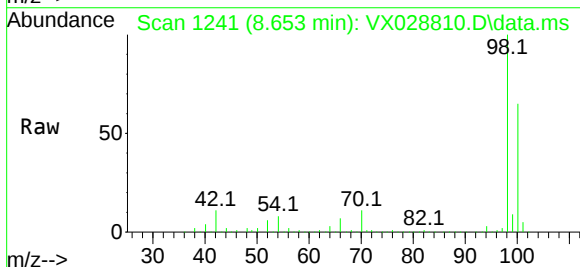
Acq: 18 May 2022 16:56

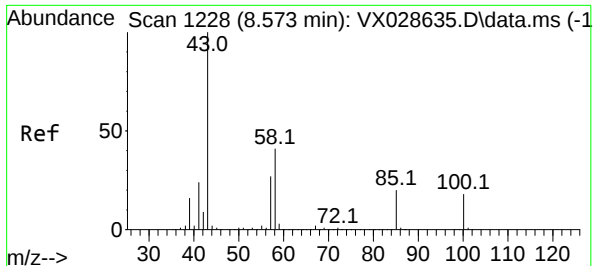
Tgt Ion: 98 Resp: 555676

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 16.406 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX028810.D

Acq: 18 May 2022 16:56

Instrument :

MSVOA_X

ClientSampleId :

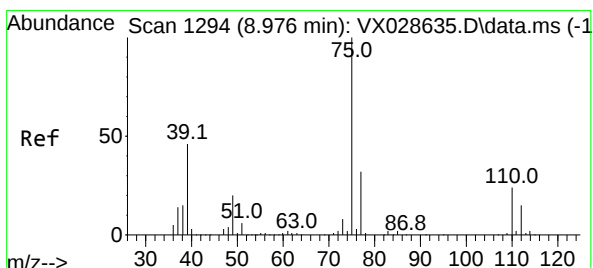
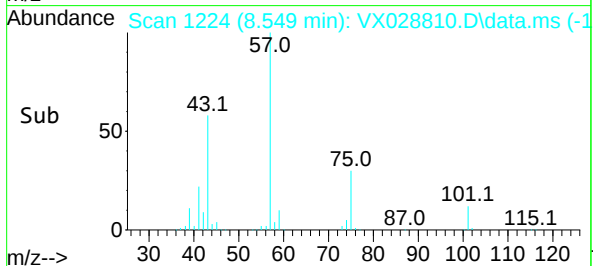
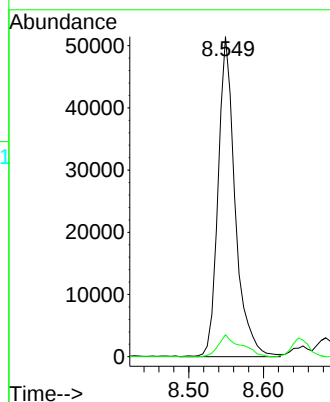
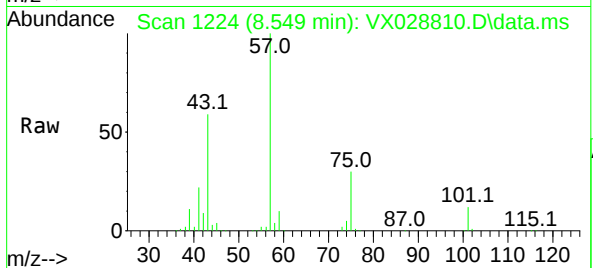
TP-38

Tgt Ion: 43 Resp: 81613

Ion Ratio Lower Upper

43 100

58 9.0 36.1 54.1#



#53

t-1,3-Dichloropropene

Concen: 1.644 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.262 min

Lab File: VX028810.D

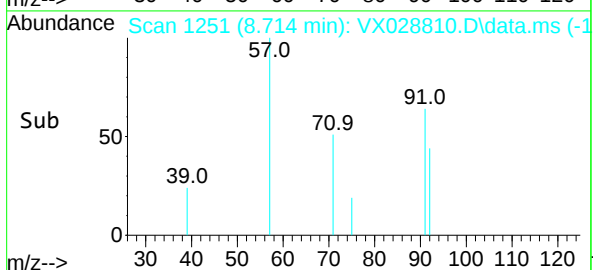
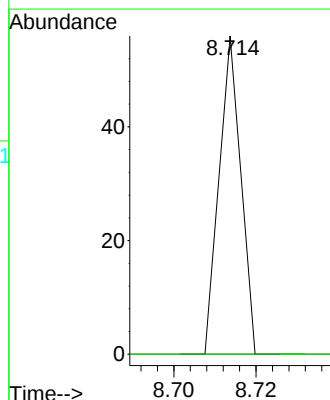
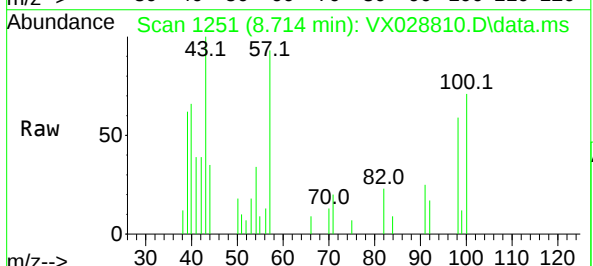
Acq: 18 May 2022 16:56

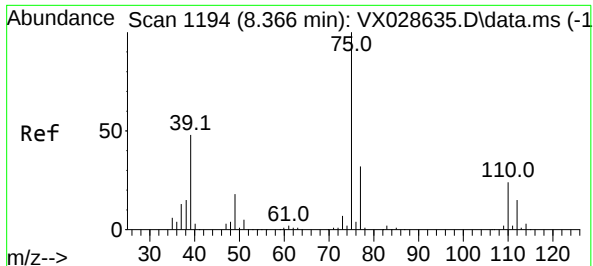
Tgt Ion: 75 Resp: 20

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

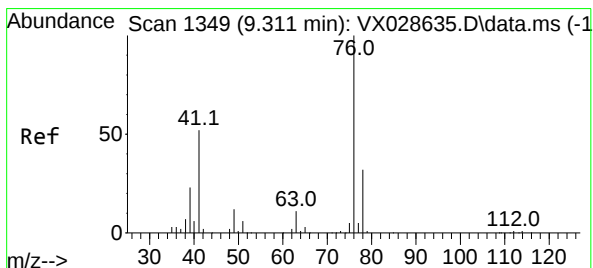
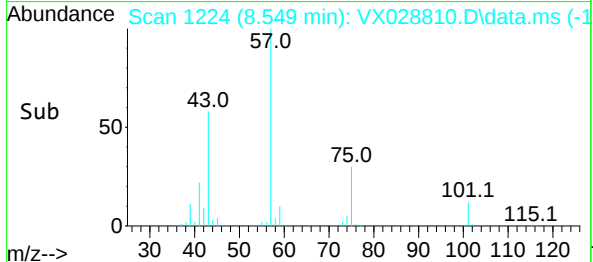
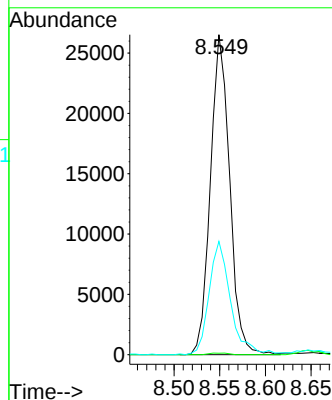
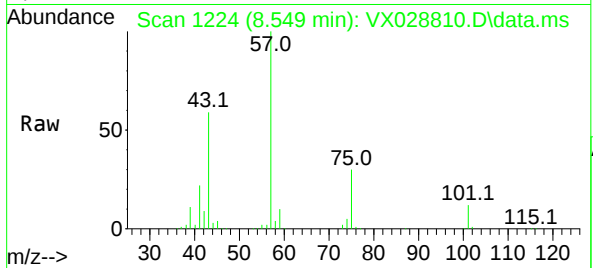




#54
 cis-1,3-Dichloropropene
 Concen: 7.506 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX028810.D
 Acq: 18 May 2022 16:56

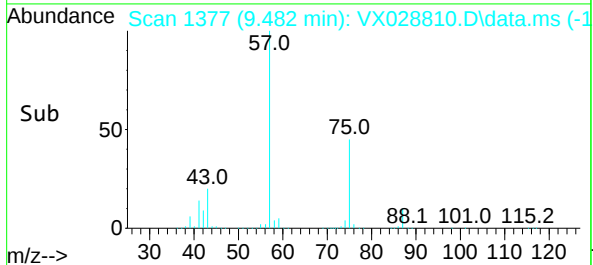
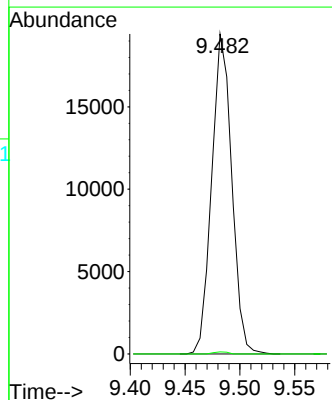
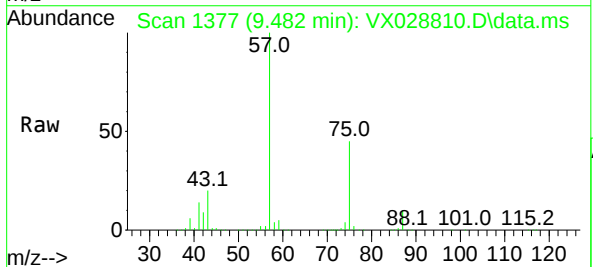
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-38

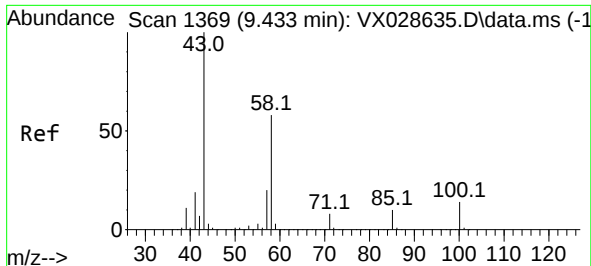
Tgt Ion: 75 Resp: 38806
 Ion Ratio Lower Upper
 75 100
 77 0.5 24.8 37.2#
 39 35.2 29.6 44.4



#57
 1,3-Dichloropropane
 Concen: 4.209 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX028810.D
 Acq: 18 May 2022 16:56

Tgt Ion: 76 Resp: 24737
 Ion Ratio Lower Upper
 76 100
 78 0.5 25.8 38.8#





#59

2-Hexanone

Concen: 81.167 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX028810.D

Acq: 18 May 2022 16:56

Instrument :

MSVOA_X

ClientSampleId :

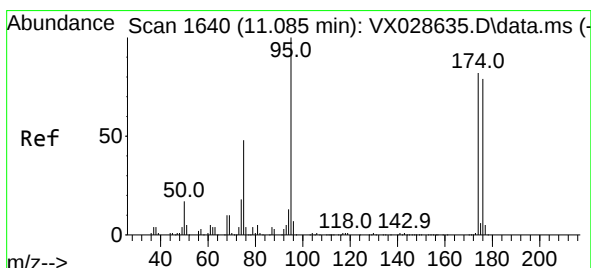
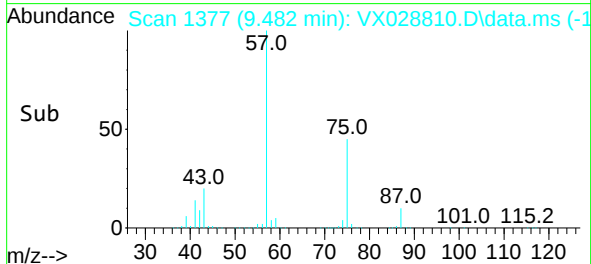
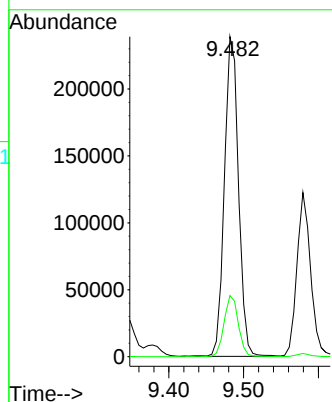
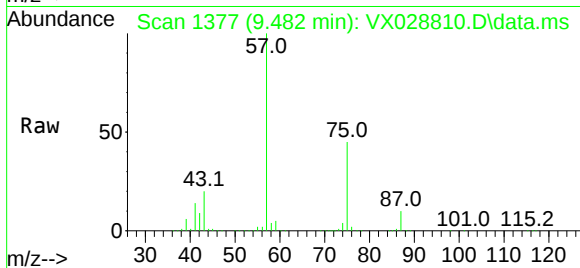
TP-38

Tgt Ion: 43 Resp: 313697

Ion Ratio Lower Upper

43 100

58 19.3 31.9 95.7#



#62

4-Bromofluorobenzene

Concen: 43.575 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028810.D

Acq: 18 May 2022 16:56

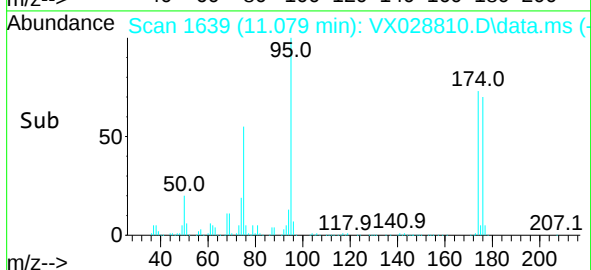
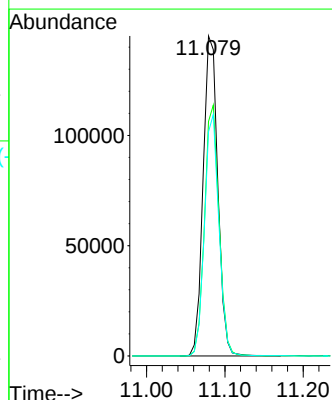
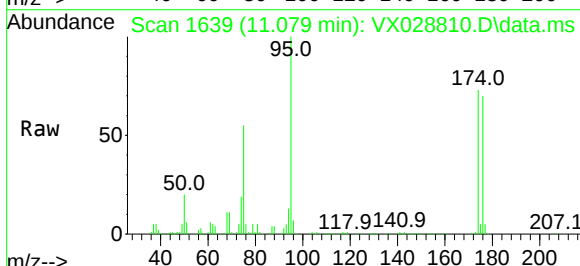
Tgt Ion: 95 Resp: 188817

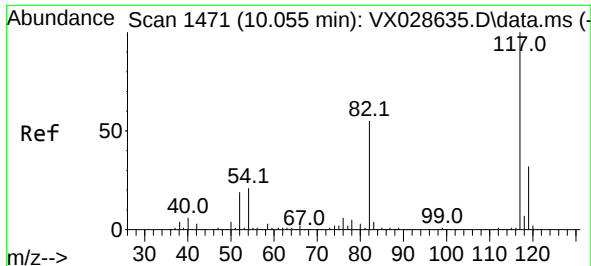
Ion Ratio Lower Upper

95 100

174 77.2 0.0 163.0

176 74.0 0.0 155.0

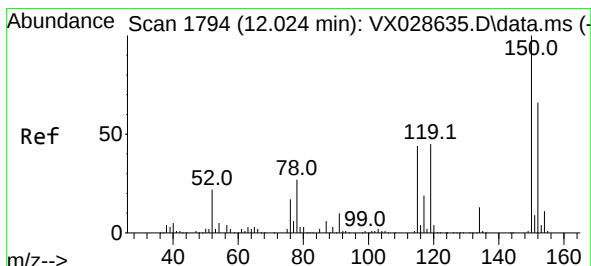
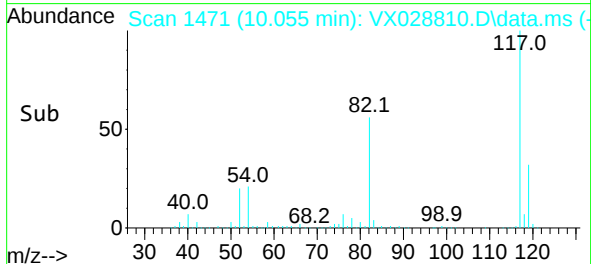
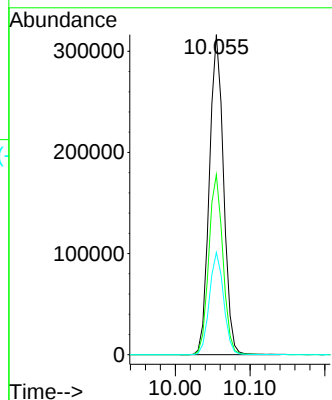
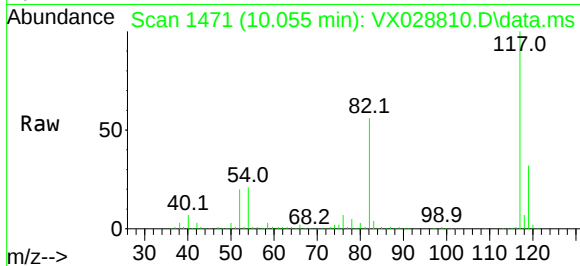




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028810.D
Acq: 18 May 2022 16:56

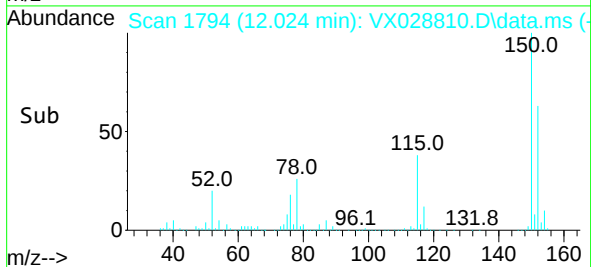
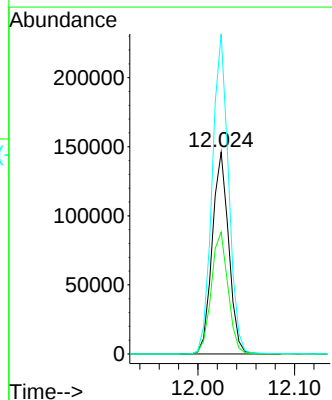
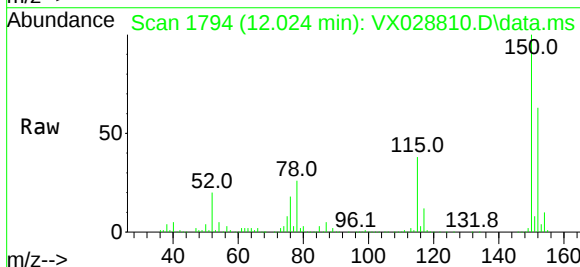
Instrument :
MSVOA_X
ClientSampleId :
TP-38

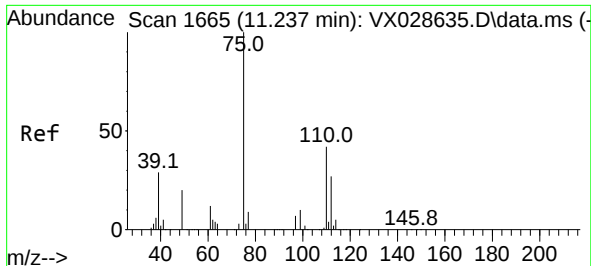
Tgt Ion:117 Resp: 416509
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028810.D
Acq: 18 May 2022 16:56

Tgt Ion:152 Resp: 172980
Ion Ratio Lower Upper
152 100
115 61.4 37.5 112.7
150 157.7 0.0 338.2

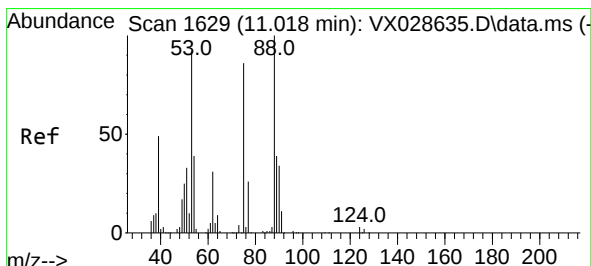
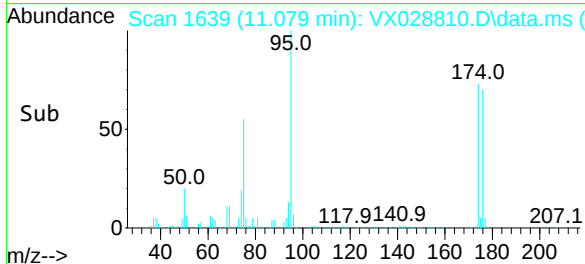
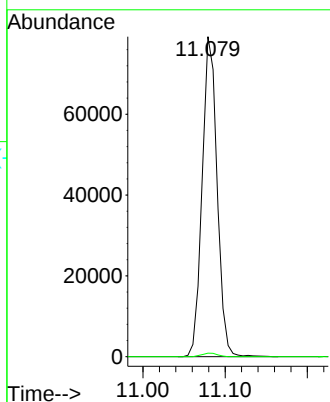
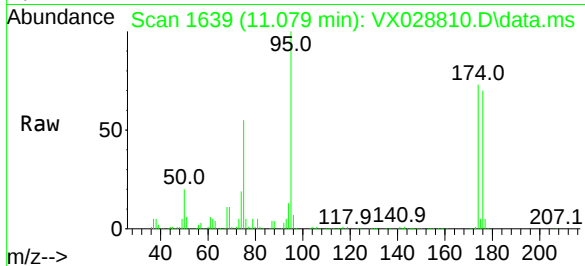




#76
1,2,3-Trichloropropane
Concen: 24.734 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028810.D
Acq: 18 May 2022 16:56

Instrument :
MSVOA_X
ClientSampleId :
TP-38

Tgt Ion: 75 Resp: 100196
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028810.D
Acq: 18 May 2022 16:56

Tgt Ion: 75 Resp: 100196
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

