

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028830.D
 Acq On : 19 May 2022 17:06
 Operator : JC/MD
 Sample : N2879-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP2-0516

Quant Time: May 19 17:53:16 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)

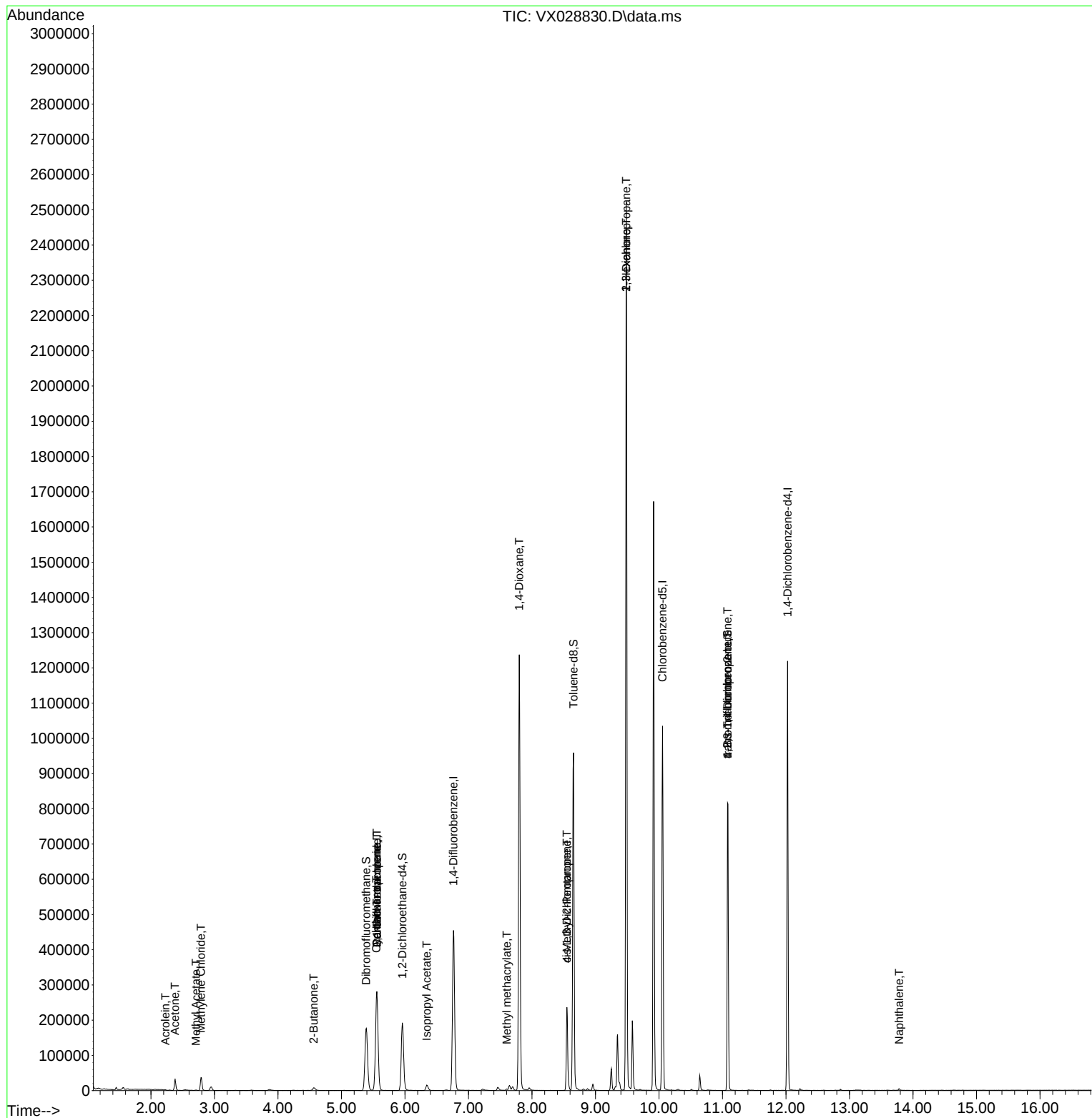
Internal Standards						
1) Pentafluorobenzene	5.556	168	256130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	466999	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	450932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	181905	51.811	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.620%	
35) Dibromofluoromethane	5.385	113	154840	50.606	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.220%	
50) Toluene-d8	8.653	98	564774	48.959	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.920%	
62) 4-Bromofluorobenzene	11.079	95	213579	49.570	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.140%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	575	Below Cal	#	70
6) Chloroethane	1.679	64	588	Below Cal	#	43
13) Acrolein	2.227	56	225	0.390	ug/l #	1
16) Acetone	2.380	43	32603	21.637	ug/l	97
18) Methyl Acetate	2.709	43	1761	0.467	ug/l #	86
20) Methylene Chloride	2.788	84	16743	5.296	ug/l	94
25) 2-Butanone	4.562	43	8117	3.432	ug/l	98
31) Cyclohexane	5.550	56	5703	1.170	ug/l #	32
36) 1,1-Dichloropropene	5.556	75	21225	4.619	ug/l #	50
38) Carbon Tetrachloride	5.556	117	26943	5.826	ug/l #	16
43) Isopropyl Acetate	6.342	43	21057	2.804	ug/l	94
48) Methyl methacrylate	7.604	41	6155	1.697	ug/l #	7
49) 1,4-Dioxane	7.799	88	176	1.942	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	79282	16.028	ug/l #	45
54) cis-1,3-Dichloropropene	8.549	75	37890	7.370	ug/l #	72
57) 1,3-Dichloropropane	9.482	76	22712	3.887	ug/l #	43
59) 2-Hexanone	9.482	43	283488	73.768	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	114163	21.344	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	114163	62.615	ug/l #	15
95) Naphthalene	13.780	128	3309	0.204	ug/l	98

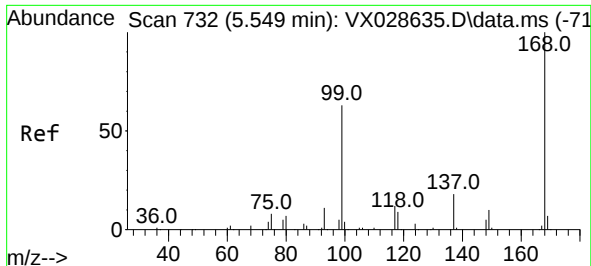
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
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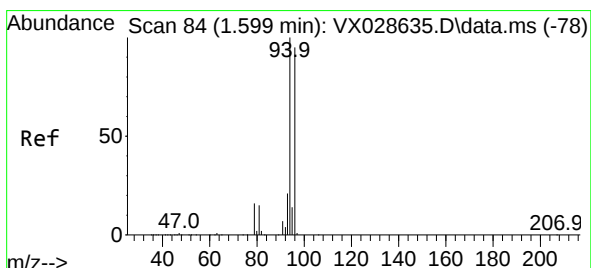
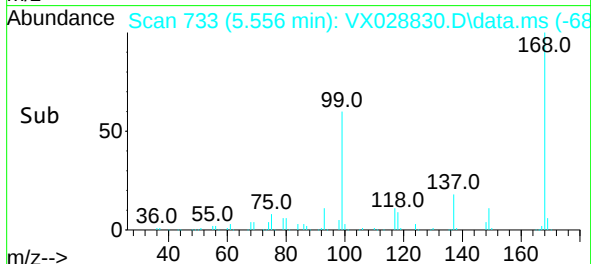
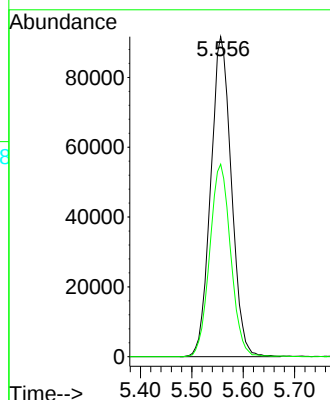
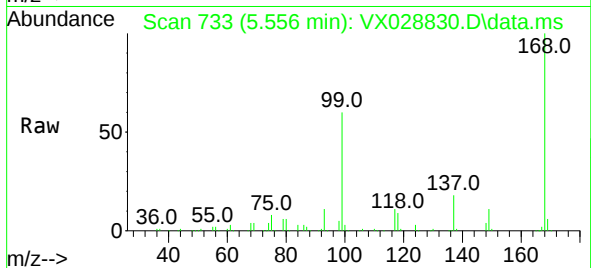




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

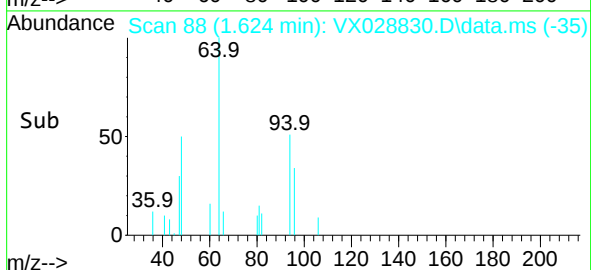
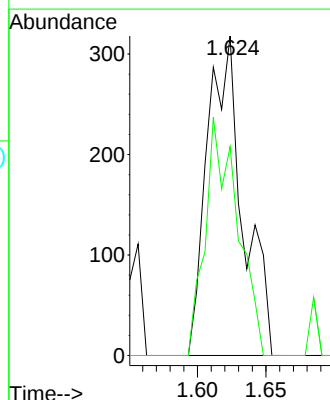
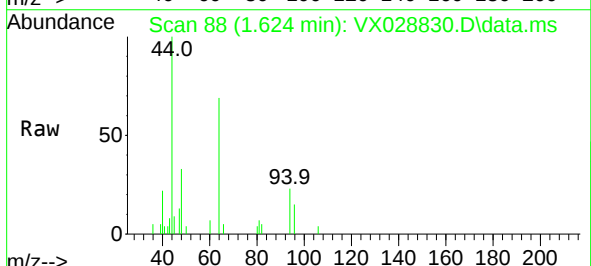
Instrument :
MSVOA_X
ClientSampleId :
TP2-0516

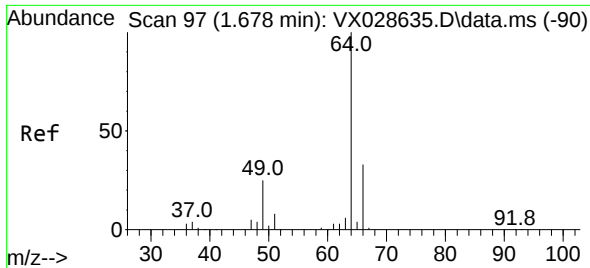
Tgt Ion:168 Resp: 256130
Ion Ratio Lower Upper
168 100
99 60.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

Tgt Ion: 94 Resp: 575
Ion Ratio Lower Upper
94 100
96 65.4 75.3 112.9#

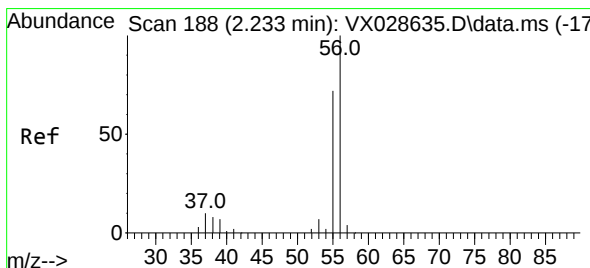
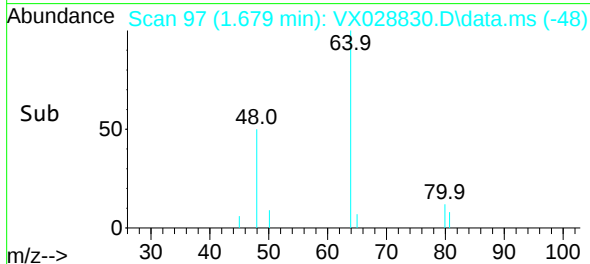
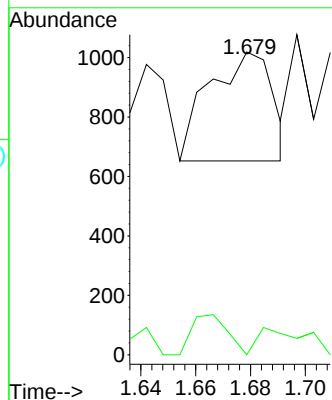
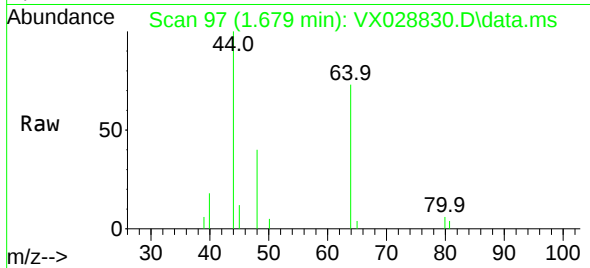




#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. 0.001 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

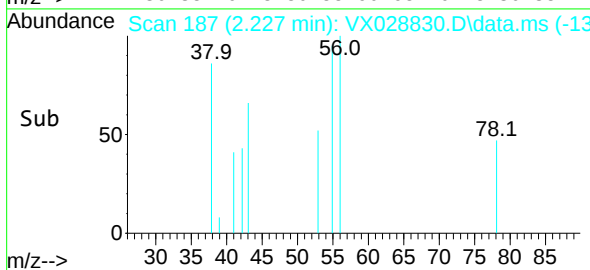
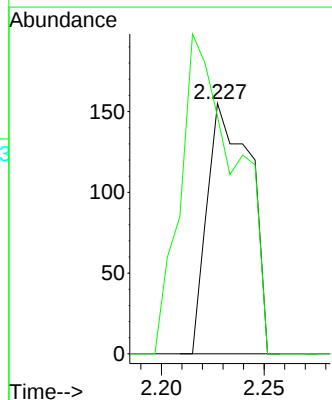
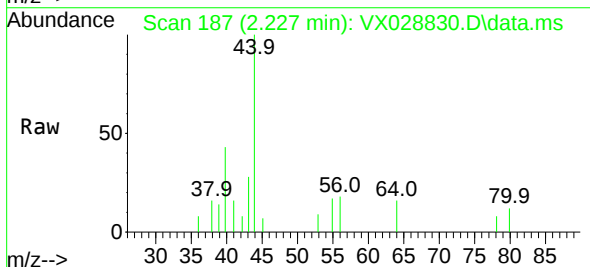
Instrument :
MSVOA_X
ClientSampleId :
TP2-0516

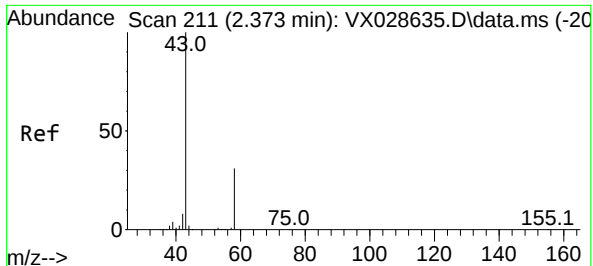
Tgt Ion: 64 Resp: 588
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#13
Acrolein
Concen: 0.390 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

Tgt Ion: 56 Resp: 225
Ion Ratio Lower Upper
56 100
55 166.2 55.0 82.6#

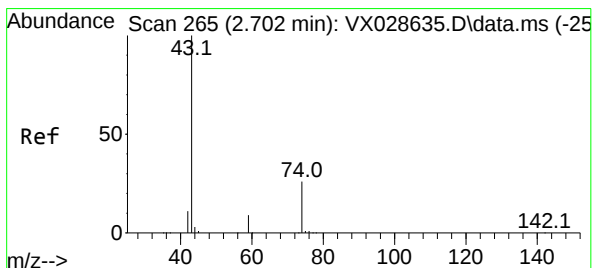
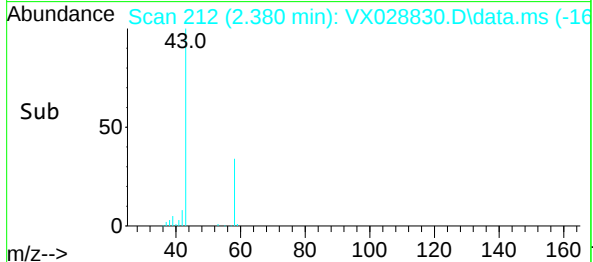
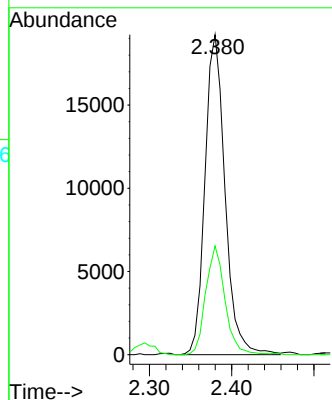
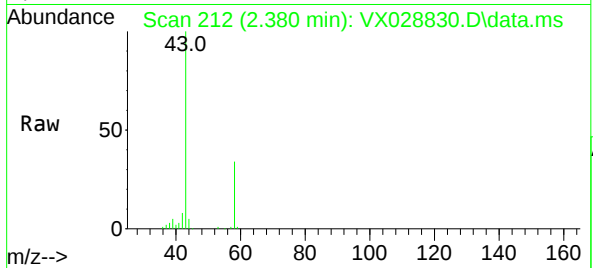




#16
Acetone
Concen: 21.637 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

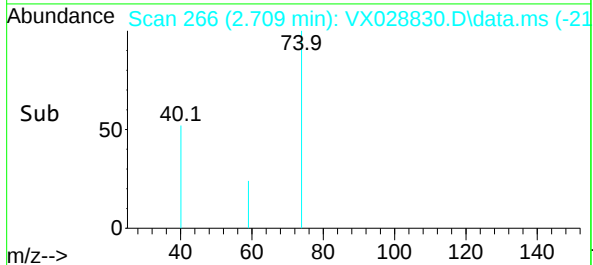
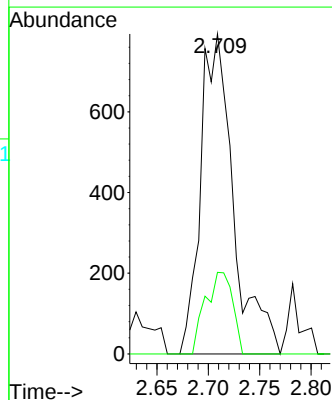
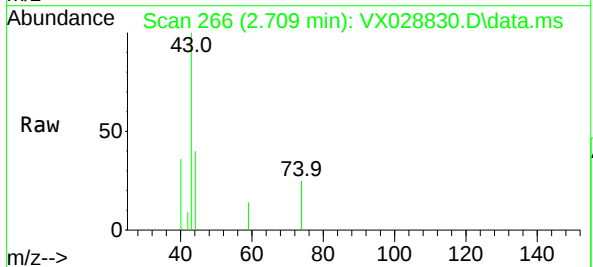
Instrument :
MSVOA_X
ClientSampleId :
TP2-0516

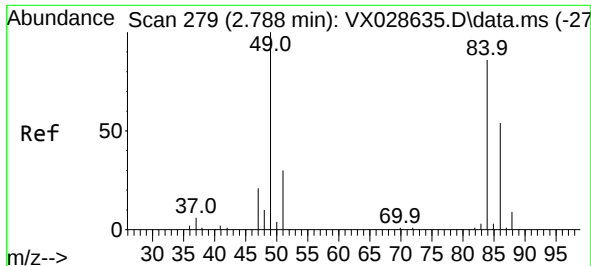
Tgt Ion: 43 Resp: 32603
Ion Ratio Lower Upper
43 100
58 34.0 28.8 43.2



#18
Methyl Acetate
Concen: 0.467 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

Tgt Ion: 43 Resp: 1761
Ion Ratio Lower Upper
43 100
74 21.1 22.8 34.2#

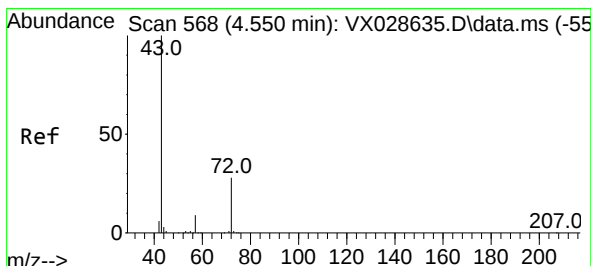
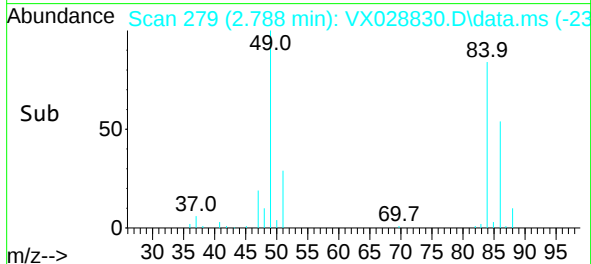
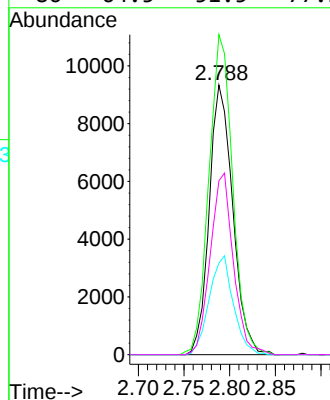
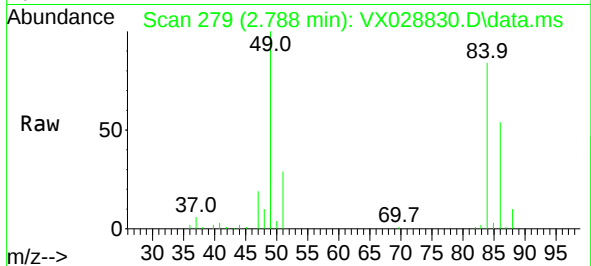




#20
Methylene Chloride
Concen: 5.296 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

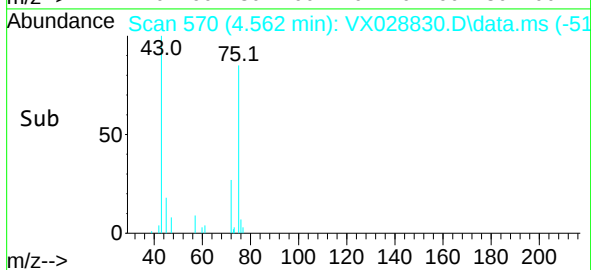
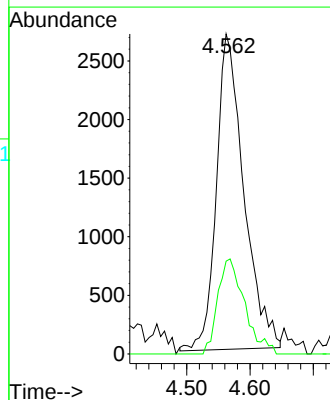
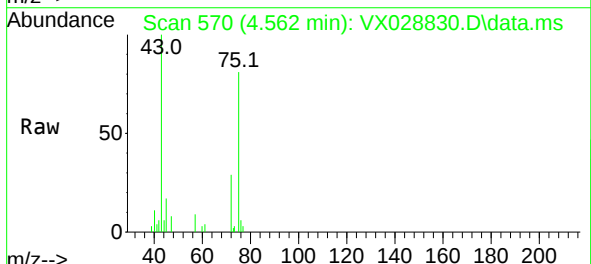
Instrument :
MSVOA_X
ClientSampleId :
TP2-0516

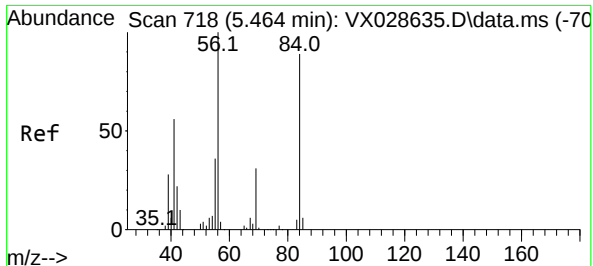
Tgt Ion:	84	Resp:	16743
Ion	Ratio	Lower	Upper
84	100		
49	118.7	85.5	128.3
51	34.0	26.6	39.8
86	64.5	51.5	77.3



#25
2-Butanone
Concen: 3.432 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.012 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

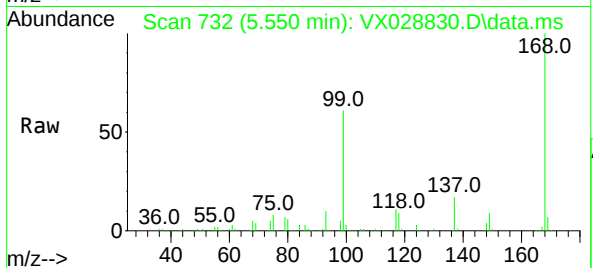
Tgt Ion:	43	Resp:	8117
Ion	Ratio	Lower	Upper
43	100		
72	29.6	24.4	36.6



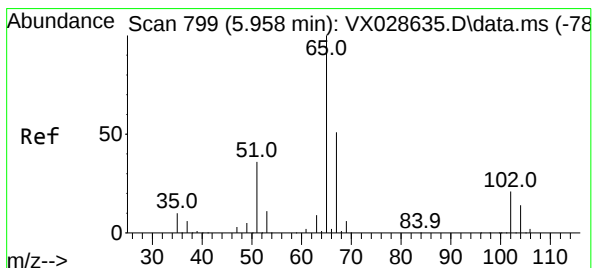
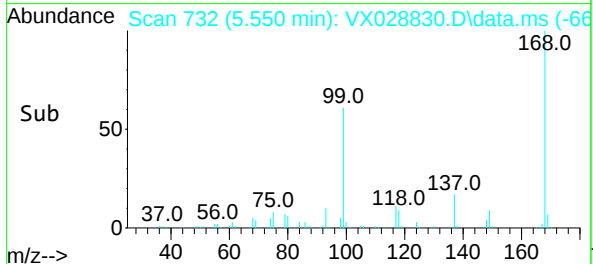
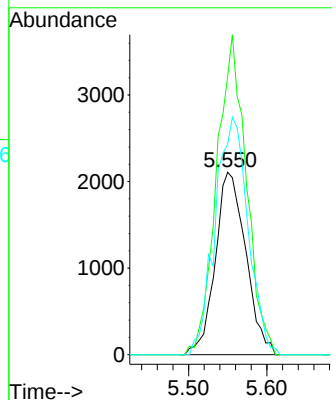


#31
Cyclohexane
Concen: 1.170 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

Instrument :
MSVOA_X
ClientSampleId :
TP2-0516

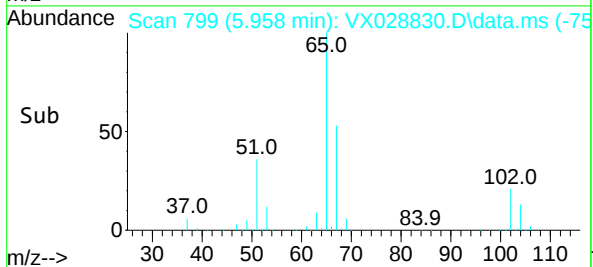
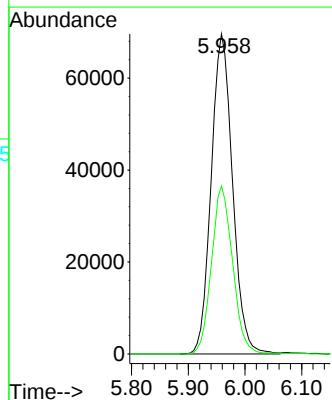
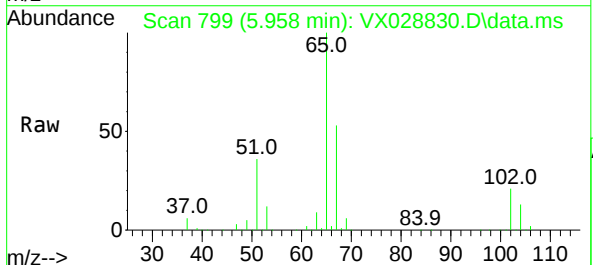


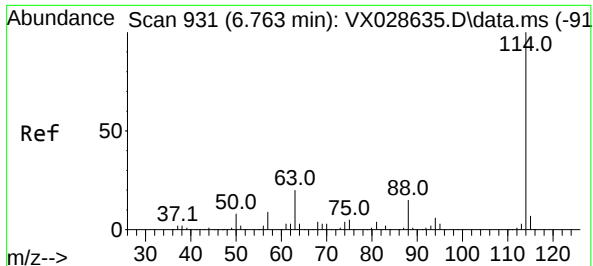
Tgt Ion: 56 Resp: 5703
Ion Ratio Lower Upper
56 100
69 152.8 26.7 40.1#
84 115.5 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 51.811 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

Tgt Ion: 65 Resp: 181905
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

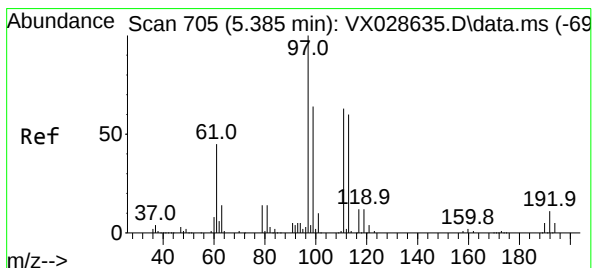
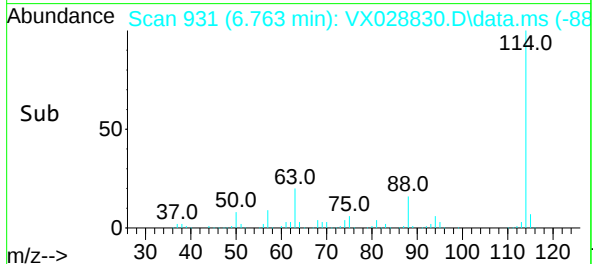
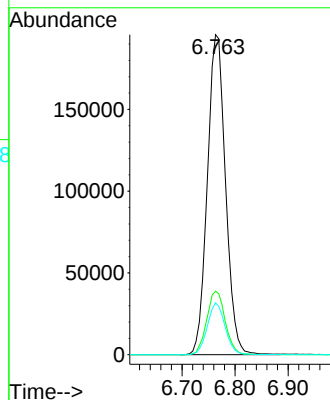
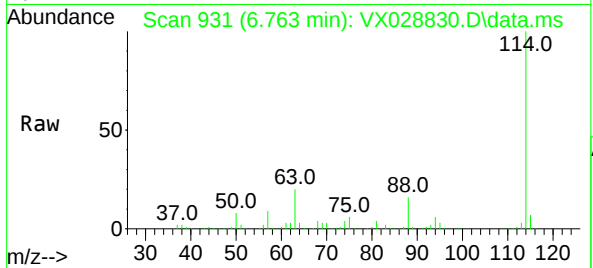




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

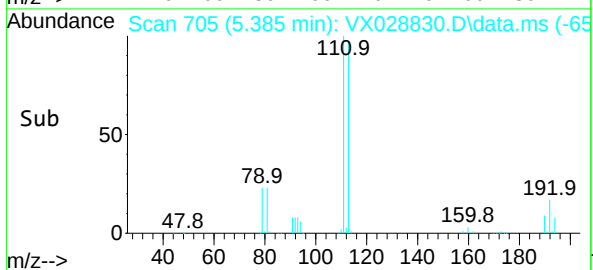
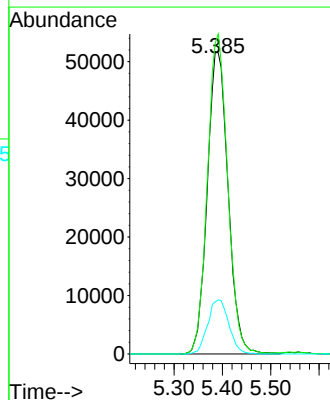
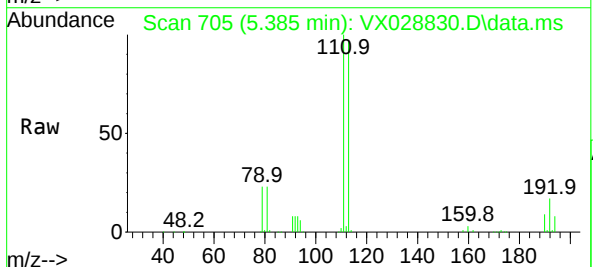
Instrument :
MSVOA_X
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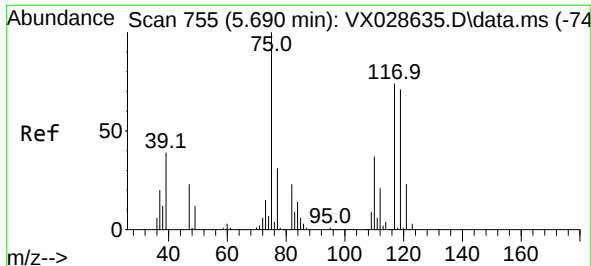
Tgt Ion:114 Resp: 466999
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.8
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.606 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

Tgt Ion:113 Resp: 154840
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.1 16.9 25.3

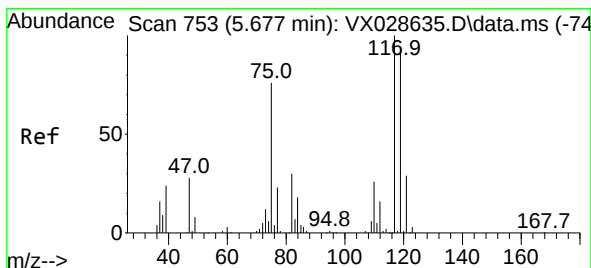
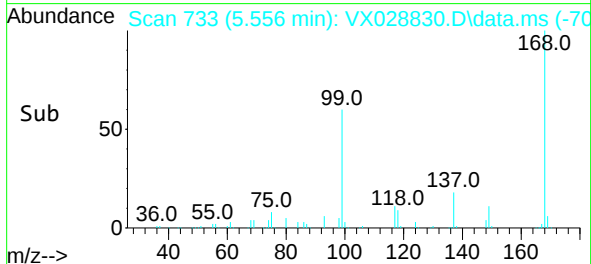
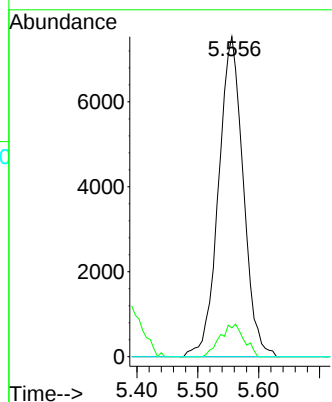
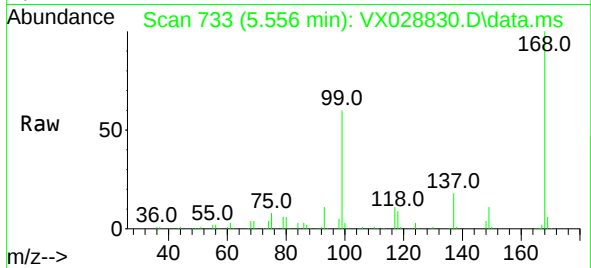




#36
1,1-Dichloropropene
Concen: 4.619 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

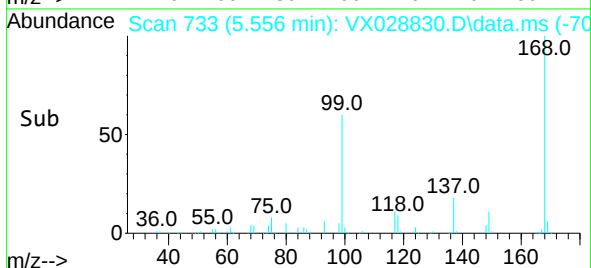
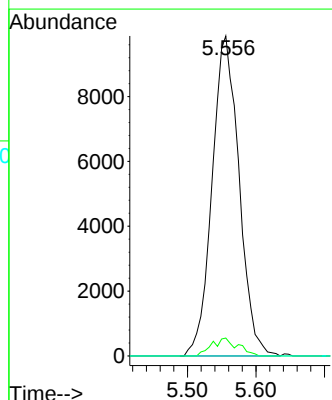
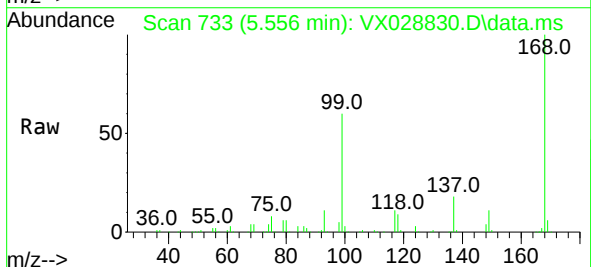
Instrument :
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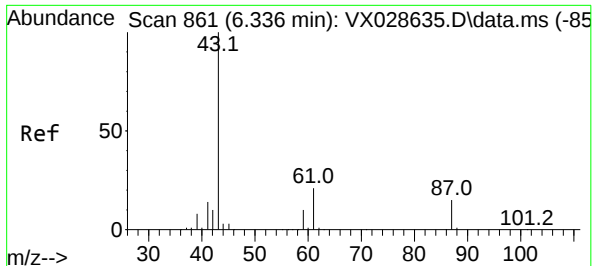
Tgt Ion: 75 Resp: 21225
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.826 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

Tgt Ion: 117 Resp: 26943
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.2 36.2#

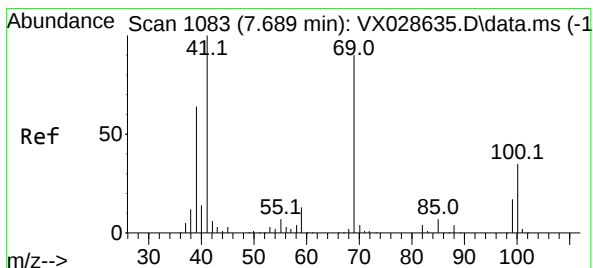
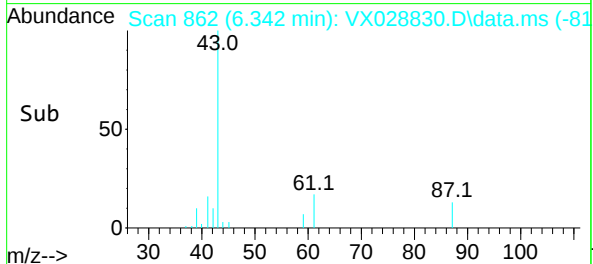
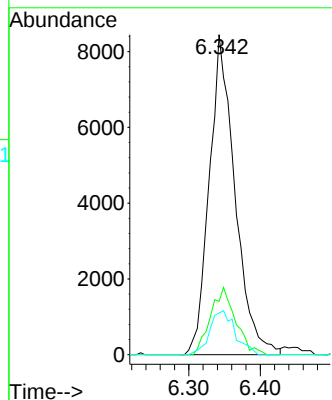
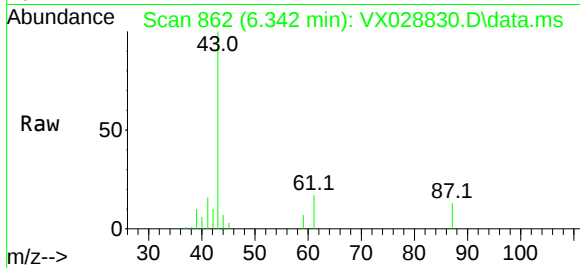




#43
Isopropyl Acetate
Concen: 2.804 ug/l
RT: 6.342 min Scan# 810
Delta R.T. 0.006 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

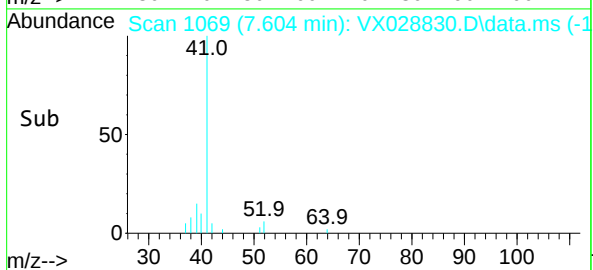
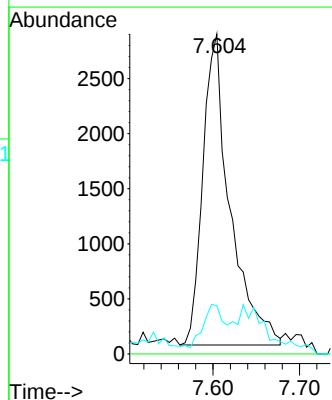
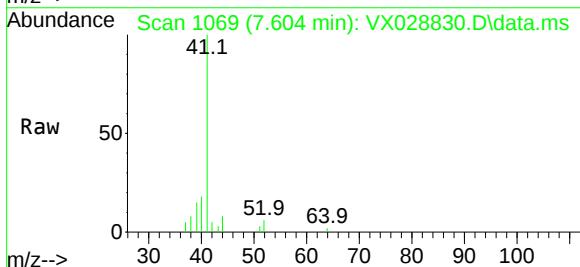
Instrument :
MSVOA_X
ClientSampleId :
TP2-0516

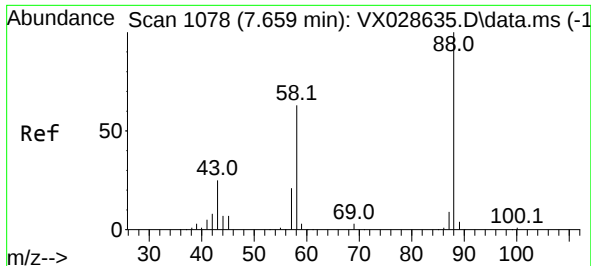
Tgt Ion: 43 Resp: 21057
Ion Ratio Lower Upper
43 100
61 20.6 18.5 27.7
87 13.6 13.0 19.6



#48
Methyl methacrylate
Concen: 1.697 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.085 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

Tgt Ion: 41 Resp: 6155
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: 1.942 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.140 min

Lab File: VX028830.D

Acq: 19 May 2022 17:06

Instrument :

MSVOA_X

ClientSampleId :

TP2-0516

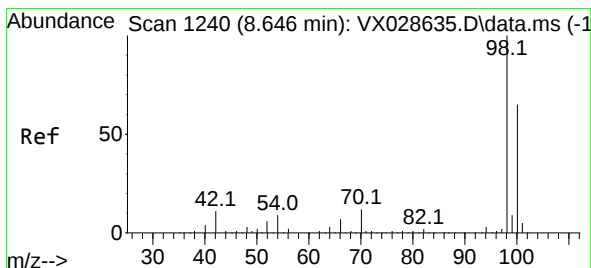
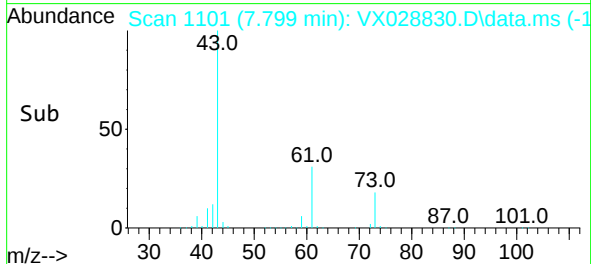
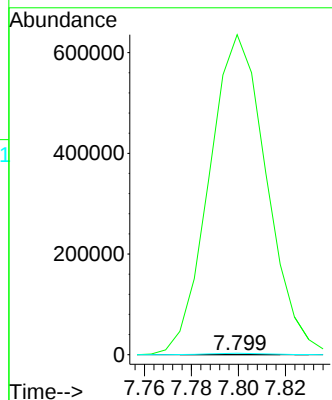
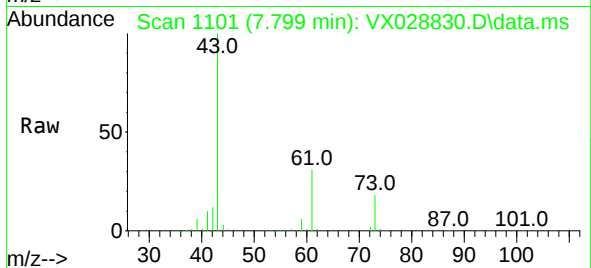
Tgt Ion: 88 Resp: 176

Ion Ratio Lower Upper

88 100

43 620779.0 21.9 32.9#

58 2792.6 53.7 80.5#



#50

Toluene-d8

Concen: 48.959 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028830.D

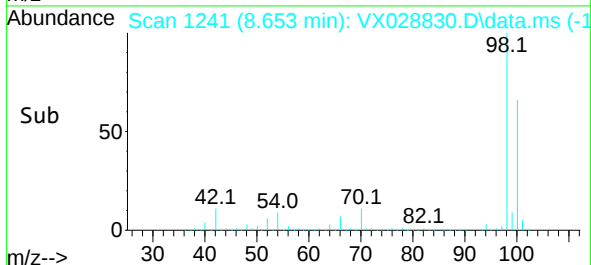
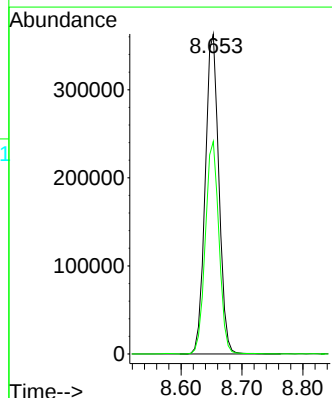
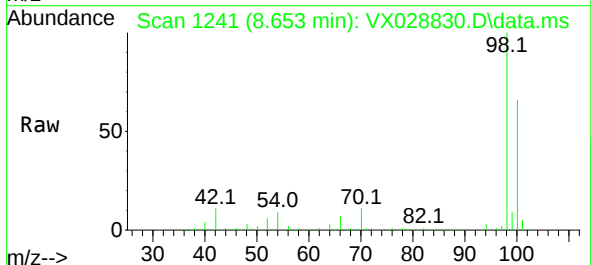
Acq: 19 May 2022 17:06

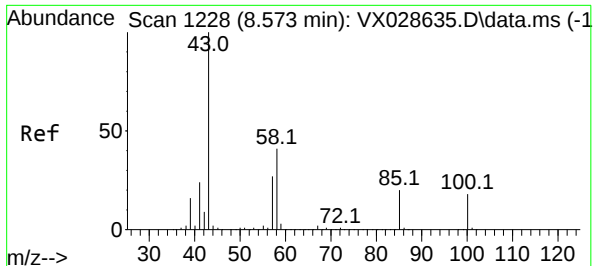
Tgt Ion: 98 Resp: 564774

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8

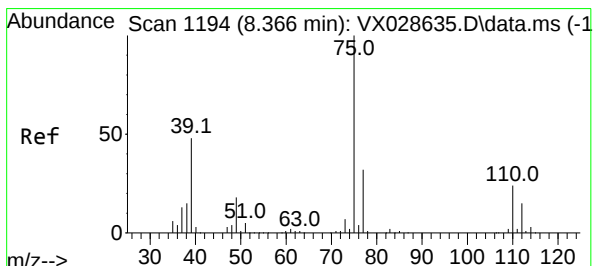
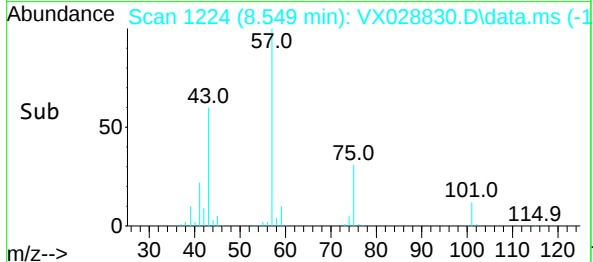
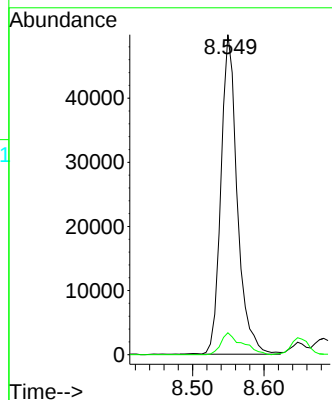
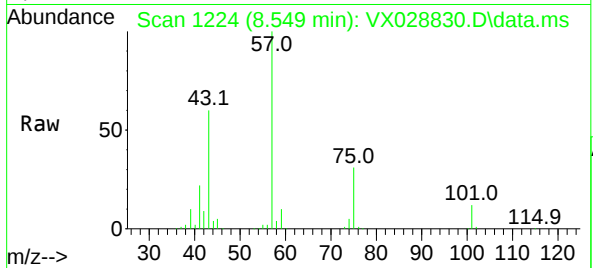




#51
4-Methyl-2-Pentanone
Concen: 16.028 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

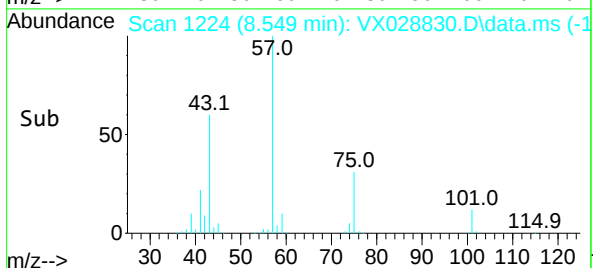
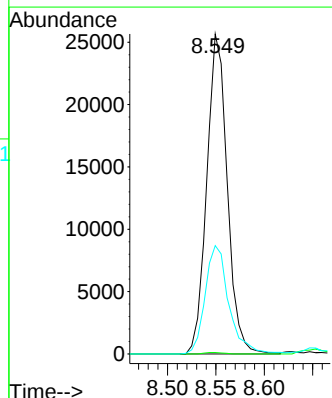
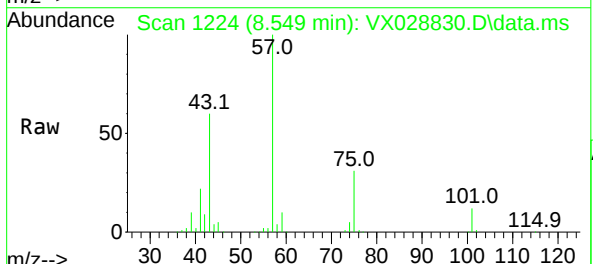
Instrument :
MSVOA_X
ClientSampleId :
TP2-0516

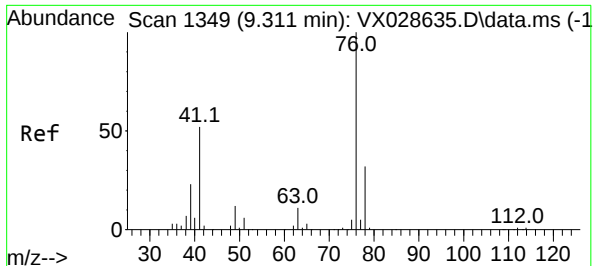
Tgt Ion: 43 Resp: 79282
Ion Ratio Lower Upper
43 100
58 8.9 36.1 54.1#



#54
cis-1,3-Dichloropropene
Concen: 7.370 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

Tgt Ion: 75 Resp: 37890
Ion Ratio Lower Upper
75 100
77 0.5 24.8 37.2#
39 33.8 29.6 44.4





#57

1,3-Dichloropropane

Concen: 3.887 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX028830.D

Acq: 19 May 2022 17:06

Instrument :

MSVOA_X

ClientSampleId :

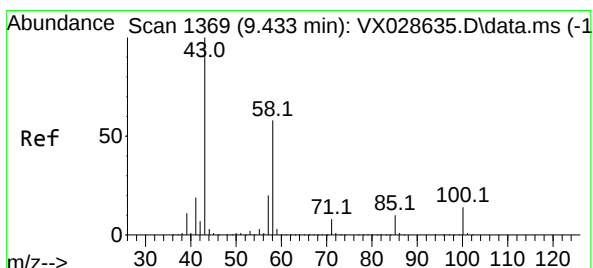
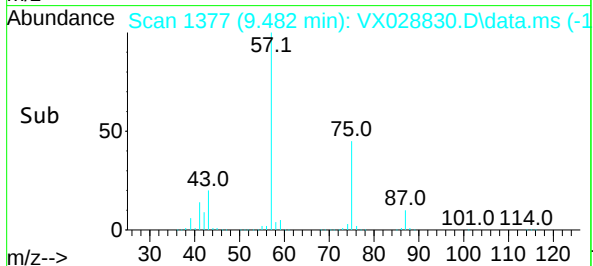
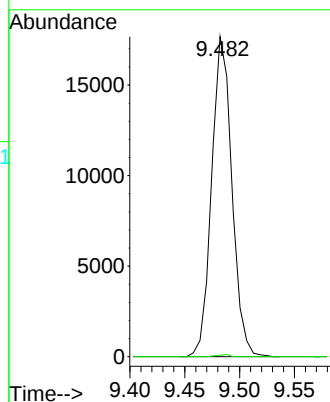
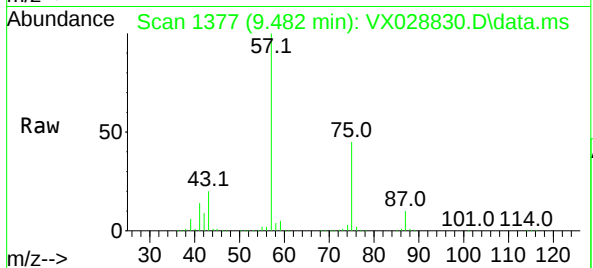
TP2-0516

Tgt Ion: 76 Resp: 22712

Ion Ratio Lower Upper

76 100

78 0.4 25.8 38.8#



#59

2-Hexanone

Concen: 73.768 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX028830.D

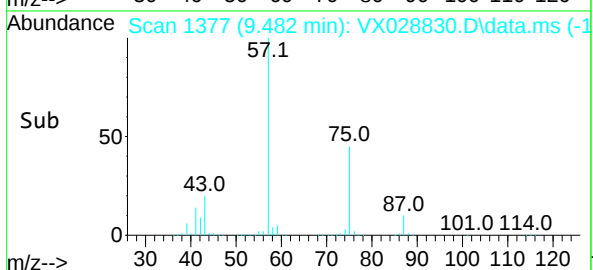
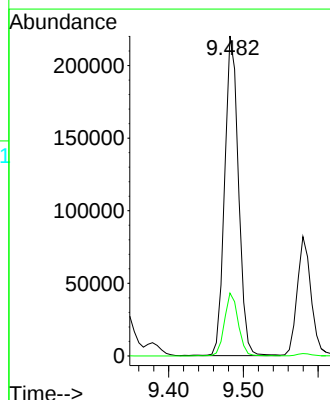
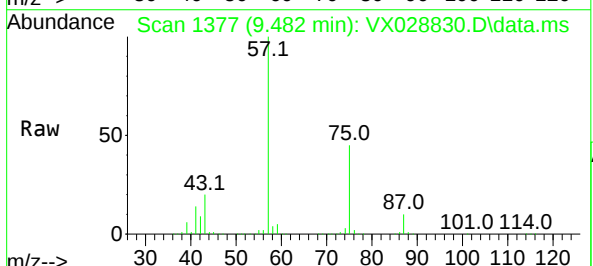
Acq: 19 May 2022 17:06

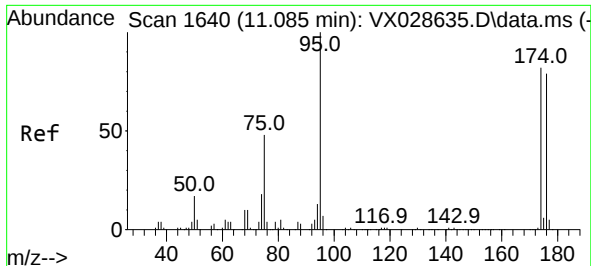
Tgt Ion: 43 Resp: 283488

Ion Ratio Lower Upper

43 100

58 19.6 31.9 95.7#

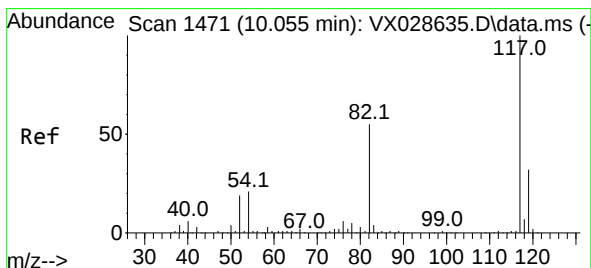
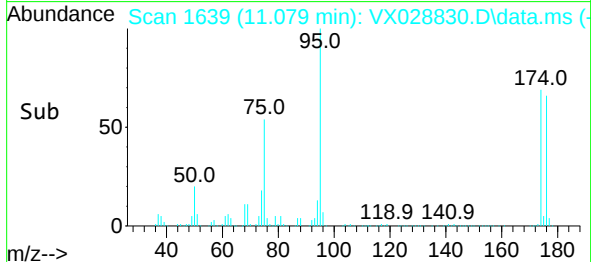
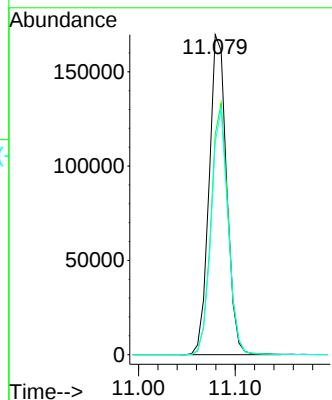
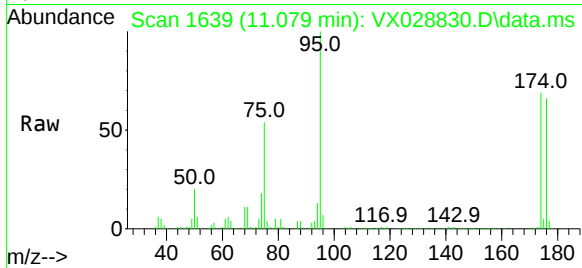




#62
4-Bromofluorobenzene
Concen: 49.570 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

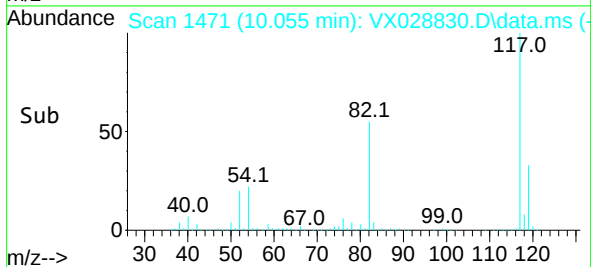
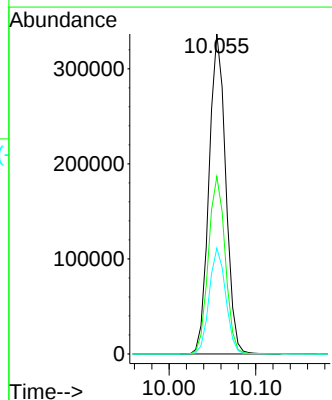
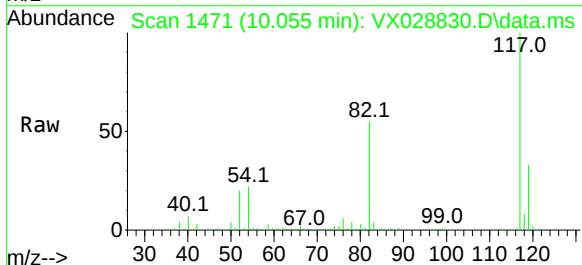
Instrument :
MSVOA_X
ClientSampleId :
TP2-0516

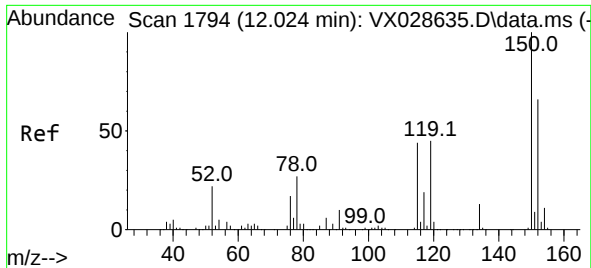
Tgt Ion: 95 Resp: 213579
Ion Ratio Lower Upper
95 100
174 76.9 0.0 163.0
176 74.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

Tgt Ion: 117 Resp: 450932
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.8
119 33.1 24.8 37.2

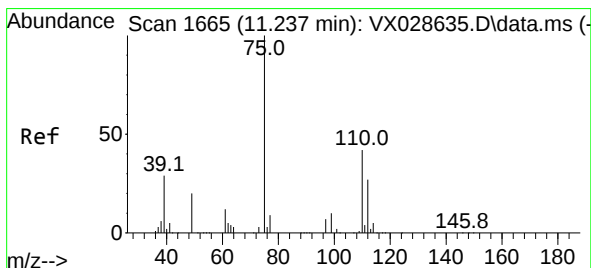
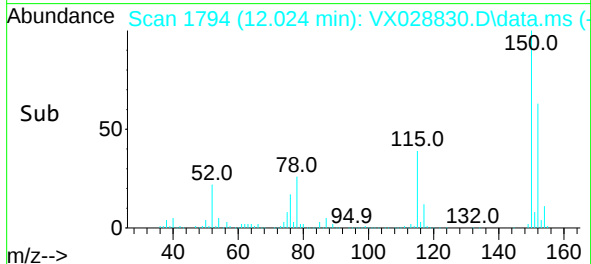
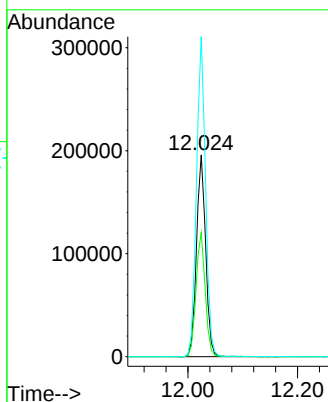
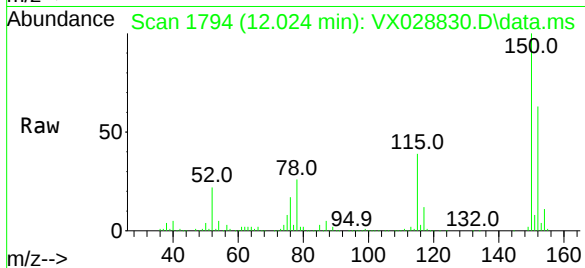




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028830.D
 Acq: 19 May 2022 17:06

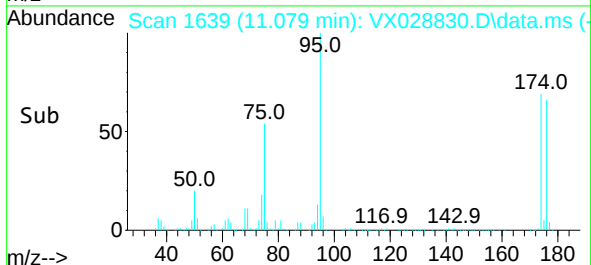
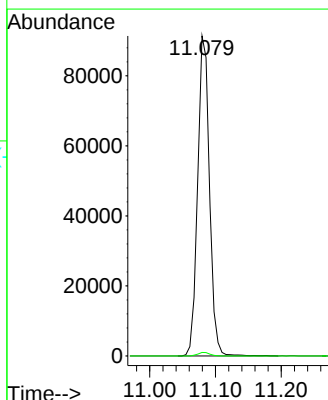
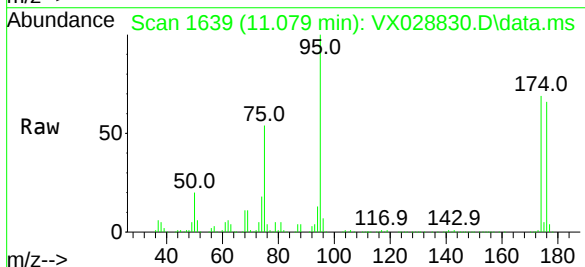
Instrument :
 MSVOA_X
 ClientSampleId :
 TP2-0516

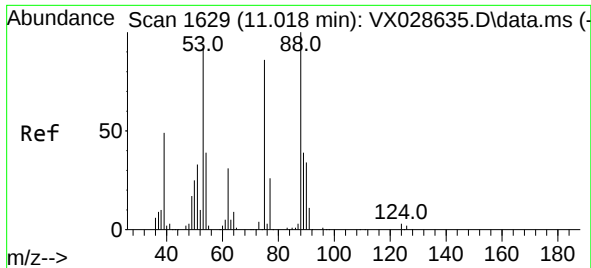
Tgt Ion:152 Resp: 228396
 Ion Ratio Lower Upper
 152 100
 115 61.6 37.5 112.7
 150 157.1 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 21.344 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX028830.D
 Acq: 19 May 2022 17:06

Tgt Ion: 75 Resp: 114163
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

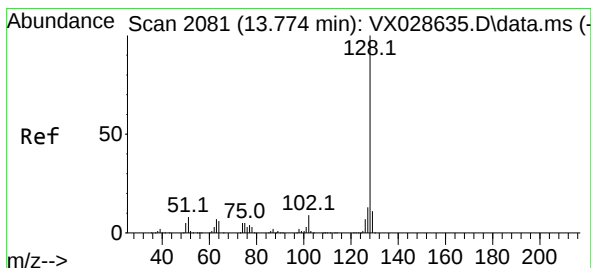
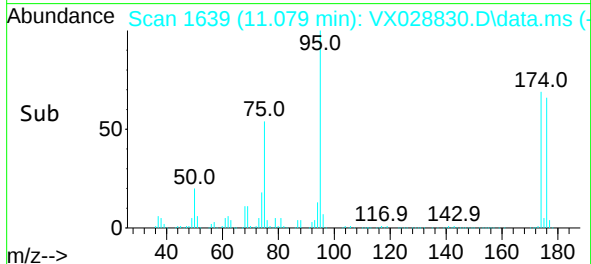
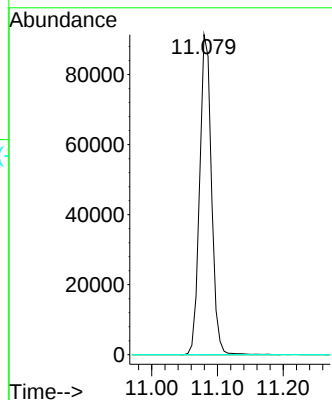
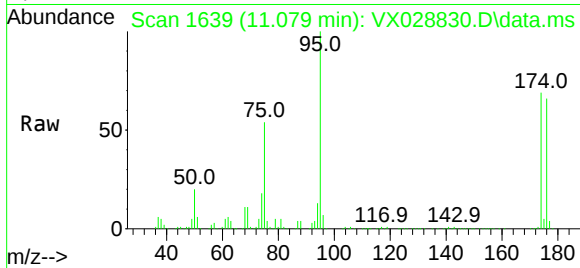




#81
trans-1,4-Dichloro-2-butene
Concen: 62.615 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

Instrument :
MSVOA_X
ClientSampleId :
TP2-0516

Tgt Ion: 75 Resp: 114163
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 0.204 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028830.D
Acq: 19 May 2022 17:06

Tgt Ion:128 Resp: 3309
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 9.4 8.7 13.1

