

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028774.D
 Acq On : 17 May 2022 21:33
 Operator : JC/MD
 Sample : N2879-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP2-0516

Quant Time: May 18 04:56:41 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)

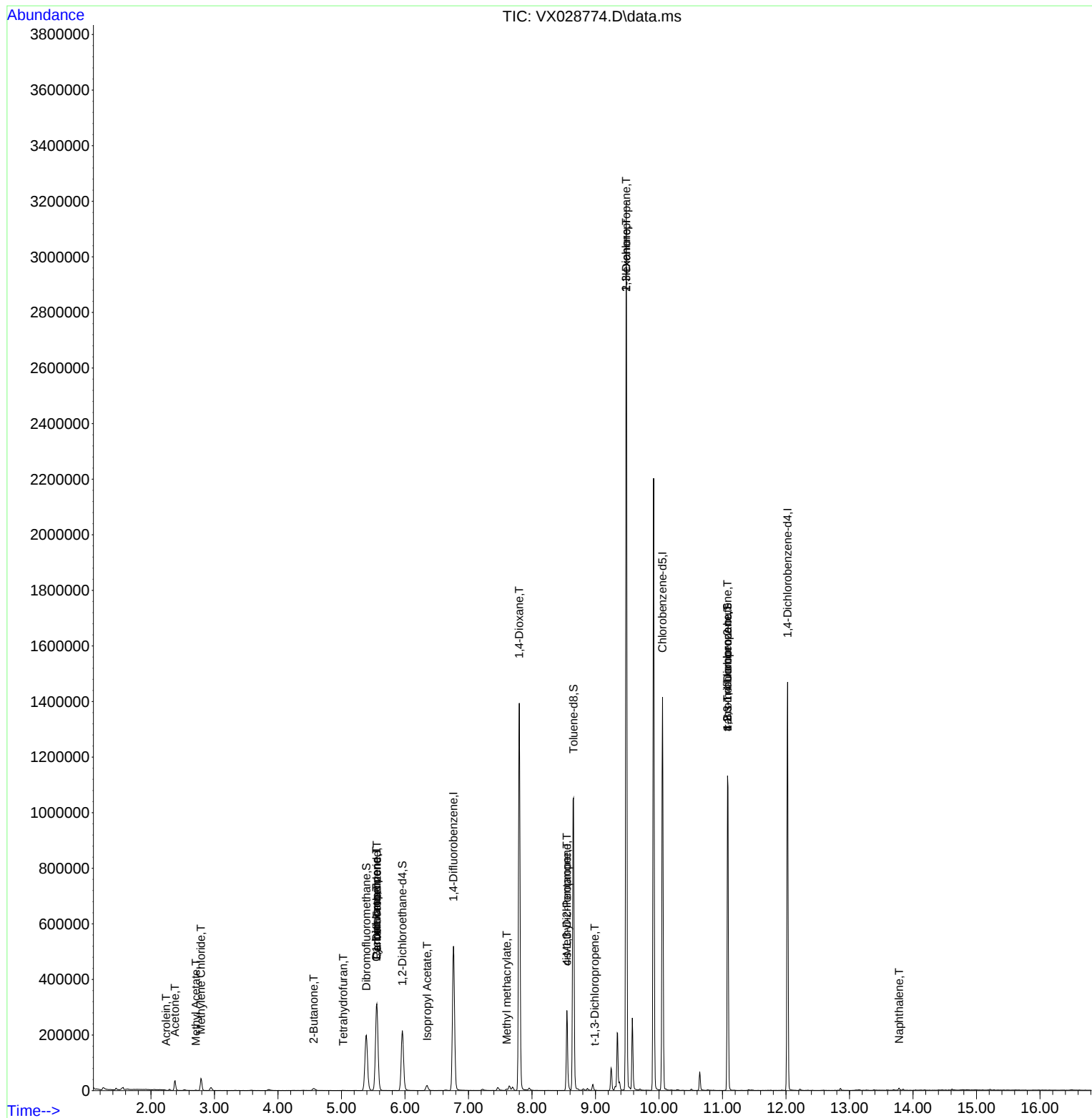
Internal Standards						
1) Pentafluorobenzene	5.556	168	287207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	529949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	609501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	289125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203220	51.619	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.240%	
35) Dibromofluoromethane	5.391	113	171940	49.520	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.040%	
50) Toluene-d8	8.653	98	635182	48.522	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.040%	
62) 4-Bromofluorobenzene	11.079	95	311015	63.609	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 127.220%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	434	Below Cal		81
6) Chloroethane	1.654	64	481	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	6226	Below Cal	#	73
13) Acrolein	2.240	56	338	0.523	ug/l #	1
16) Acetone	2.380	43	37327	22.092	ug/l	89
18) Methyl Acetate	2.709	43	1814	0.429	ug/l	90
20) Methylene Chloride	2.788	84	19203	5.417	ug/l	93
25) 2-Butanone	4.562	43	9110	3.435	ug/l	92
29) Tetrahydrofuran	5.026	42	538	0.312	ug/l #	37
31) Cyclohexane	5.550	56	6885	1.260	ug/l #	35
36) 1,1-Dichloropropene	5.550	75	24486	4.695	ug/l #	50
38) Carbon Tetrachloride	5.556	117	31172	5.939	ug/l #	15
43) Isopropyl Acetate	6.349	43	24718	2.901	ug/l	95
48) Methyl methacrylate	7.604	41	7618	1.851	ug/l #	7
49) 1,4-Dioxane	7.799	88	132	1.284	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	94215	16.785	ug/l #	45
53) t-1,3-Dichloropropene	8.988	75	22	1.644	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	45170	7.743	ug/l #	69
57) 1,3-Dichloropropane	9.482	76	28120	4.241	ug/l #	43
59) 2-Hexanone	9.482	43	356073	81.649	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	163078	24.085	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	163078	70.159	ug/l #	15
95) Naphthalene	13.780	128	5045	0.246	ug/l	98

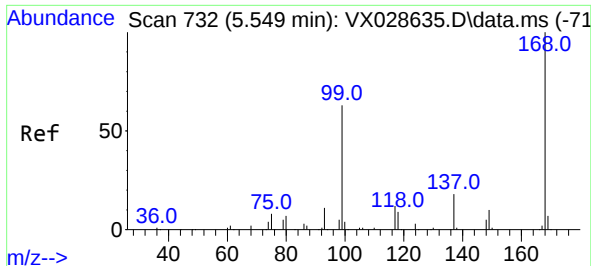
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

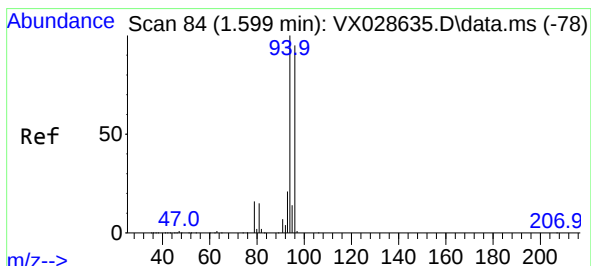
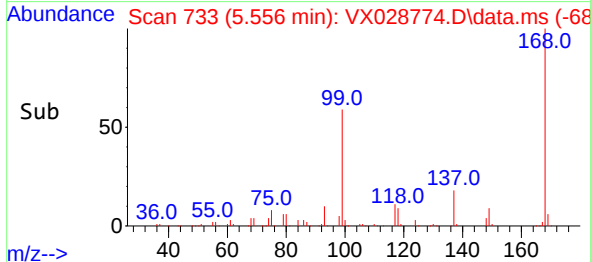
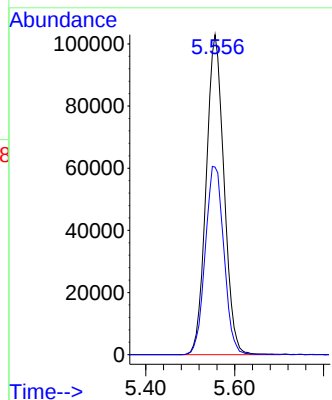
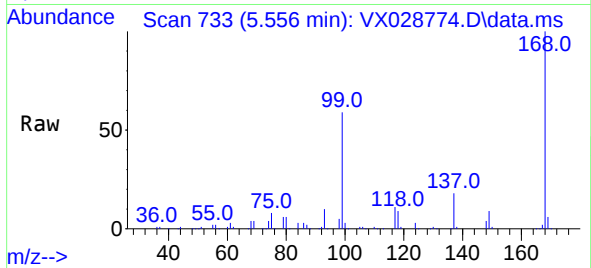




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

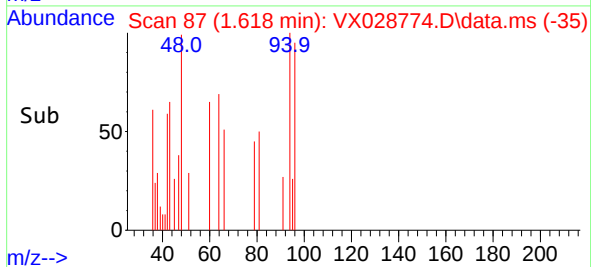
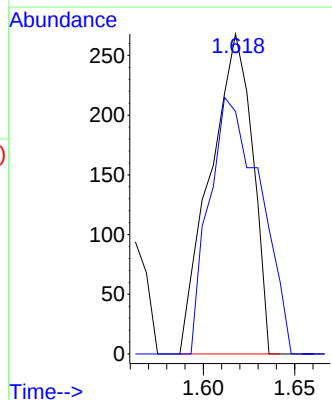
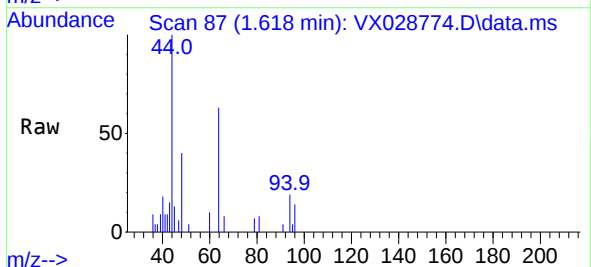
Instrument :
MSVOA_X
ClientSampleId :
TP2-0516

Tgt Ion:168 Resp: 287207
Ion Ratio Lower Upper
168 100
99 58.6 41.7 62.5

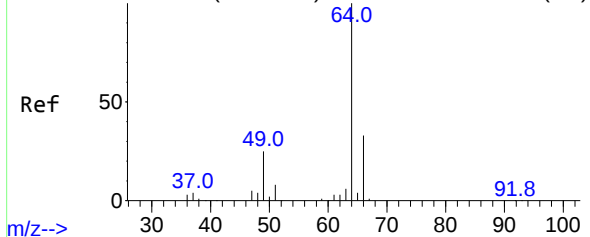


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

Tgt Ion: 94 Resp: 434
Ion Ratio Lower Upper
94 100
96 75.7 75.3 112.9



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6

Chloroethane

Concen: Below Cal

RT: 1.654 min Scan# 91

Delta R.T. -0.024 min

Lab File: VX028774.D

Acq: 17 May 2022 21:33

Instrument :

MSVOA_X

ClientSampleId :

TP2-0516

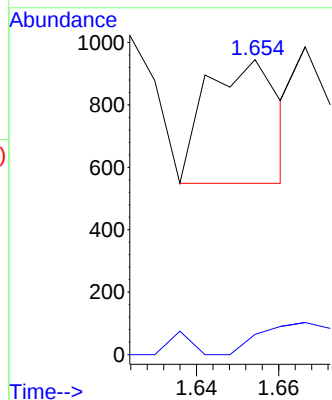
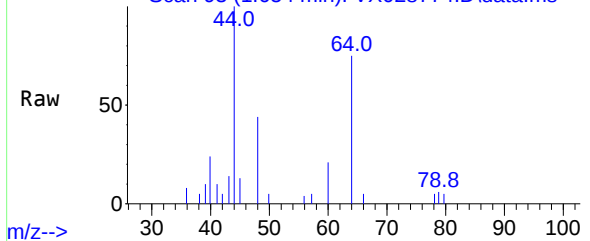
Tgt Ion: 64 Resp: 481

Ion Ratio Lower Upper

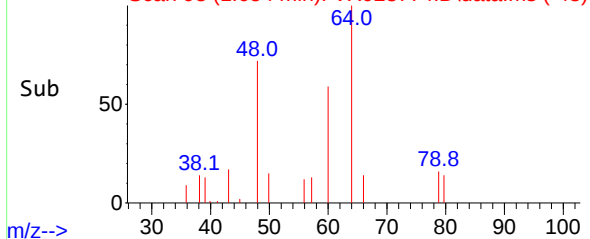
64 100

66 0.0 25.3 37.9#

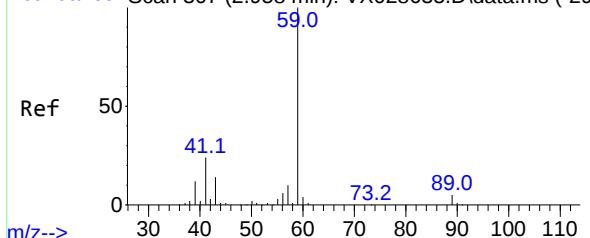
Abundance Scan 93 (1.654 min): VX028774.D\data.ms



Abundance Scan 93 (1.654 min): VX028774.D\data.ms (-48)



Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 305

Delta R.T. -0.011 min

Lab File: VX028774.D

Acq: 17 May 2022 21:33

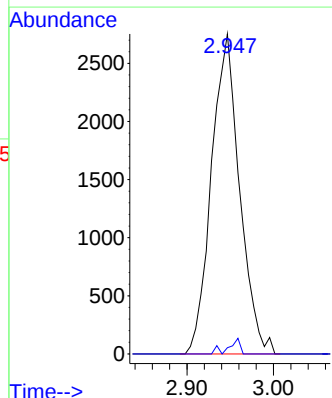
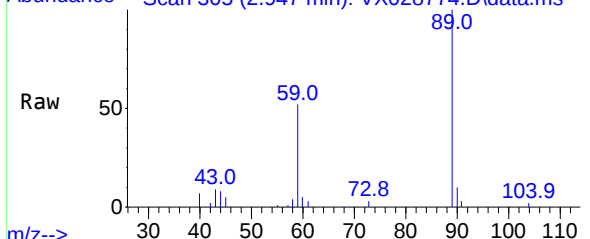
Tgt Ion: 59 Resp: 6226

Ion Ratio Lower Upper

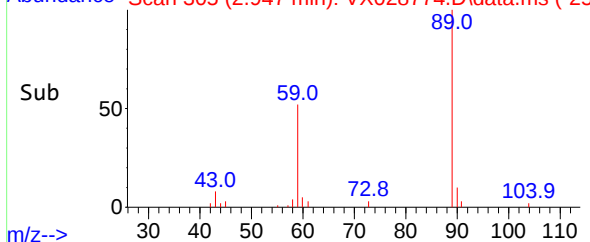
59 100

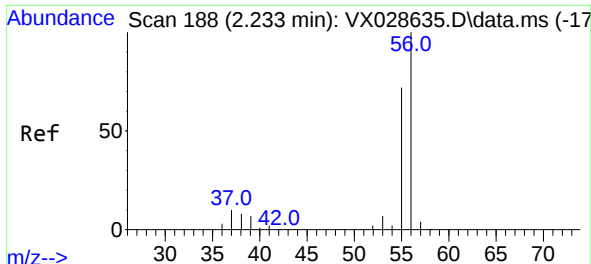
57 0.4 8.3 12.5#

Abundance Scan 305 (2.947 min): VX028774.D\data.ms



Abundance Scan 305 (2.947 min): VX028774.D\data.ms (-25)

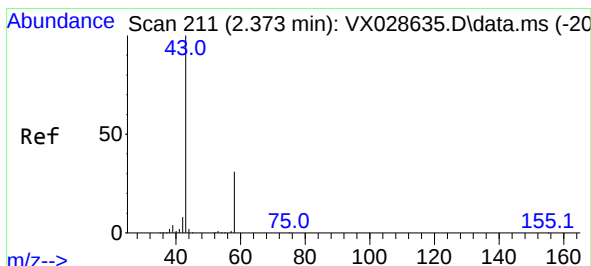
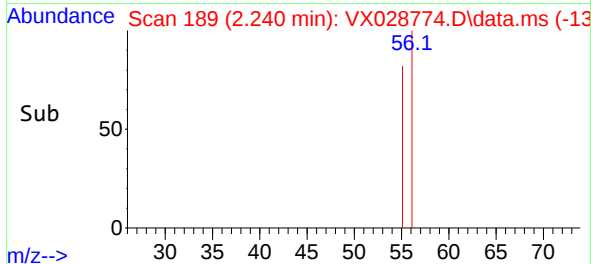
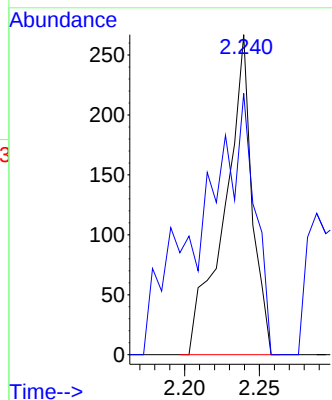
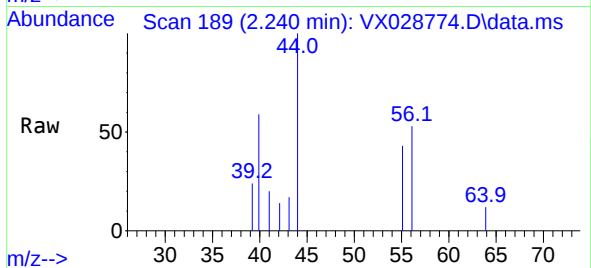




#13
Acrolein
Concen: 0.523 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

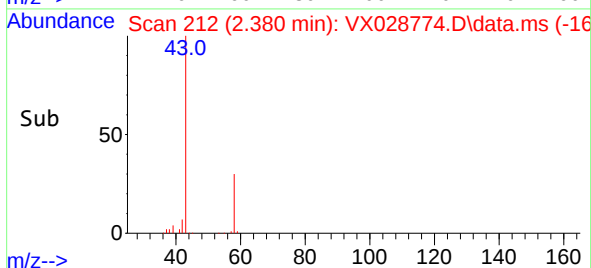
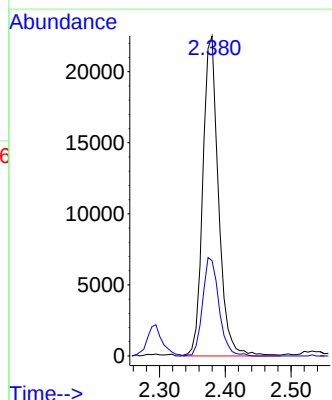
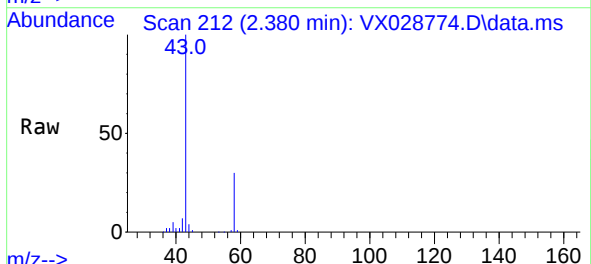
Instrument :
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ClientSampleId :
TP2-0516

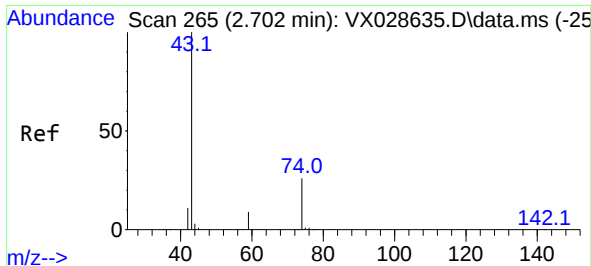
Tgt Ion: 56 Resp: 338
Ion Ratio Lower Upper
56 100
55 164.8 55.0 82.6#



#16
Acetone
Concen: 22.092 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

Tgt Ion: 43 Resp: 37327
Ion Ratio Lower Upper
43 100
58 29.8 28.8 43.2

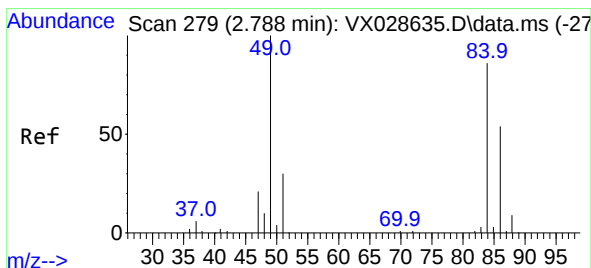
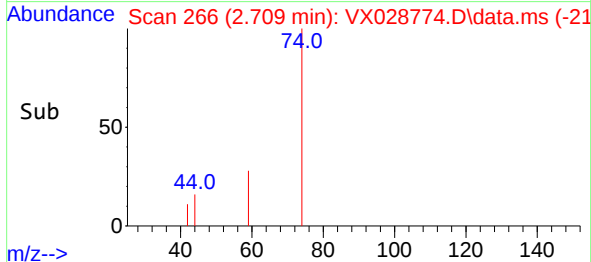
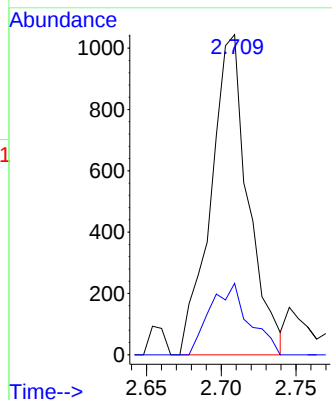
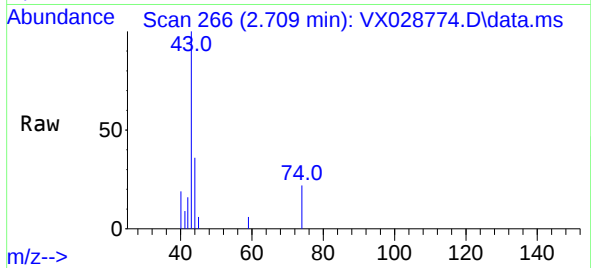




#18
Methyl Acetate
Concen: 0.429 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

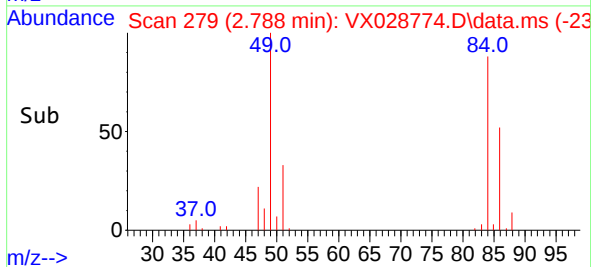
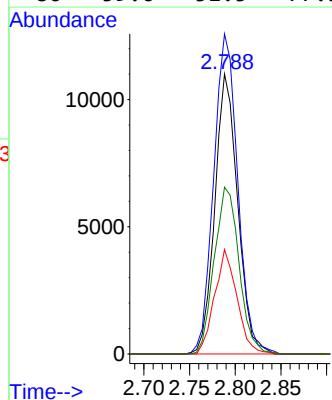
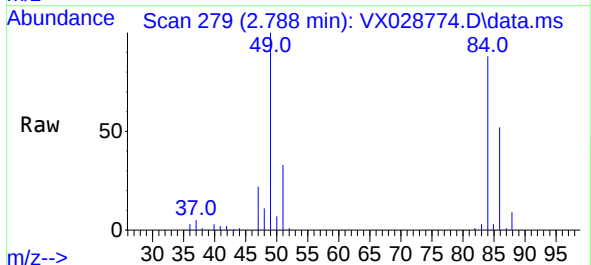
Instrument :
MSVOA_X
ClientSampleId :
TP2-0516

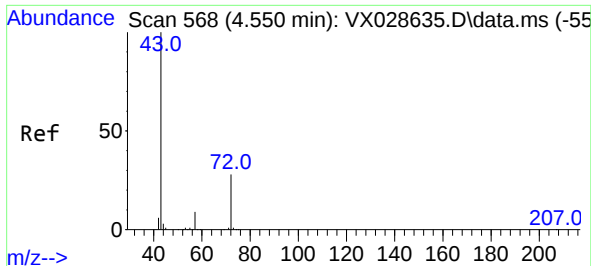
Tgt Ion: 43 Resp: 1814
Ion Ratio Lower Upper
43 100
74 23.2 22.8 34.2



#20
Methylene Chloride
Concen: 5.417 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

Tgt Ion: 84 Resp: 19203
Ion Ratio Lower Upper
84 100
49 114.3 85.5 128.3
51 37.3 26.6 39.8
86 59.6 51.5 77.3

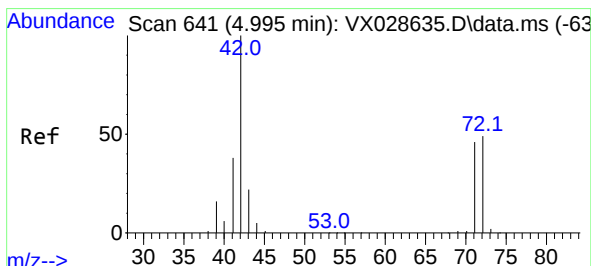
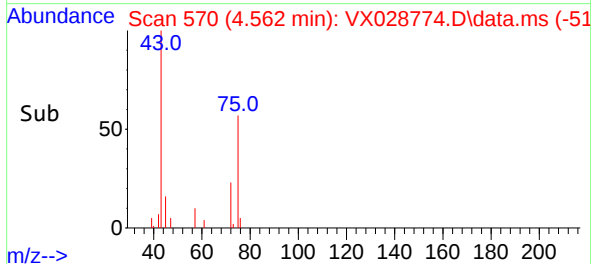
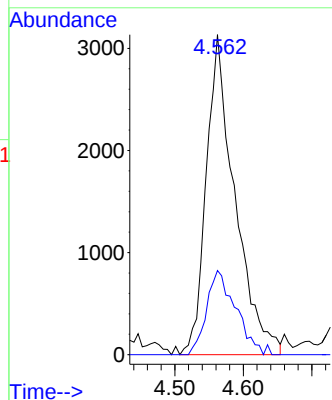
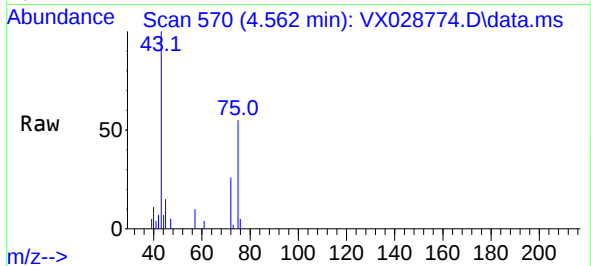




#25
2-Butanone
Concen: 3.435 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

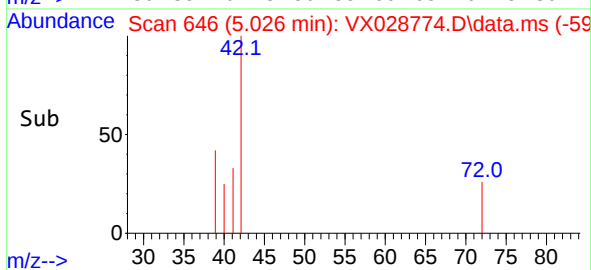
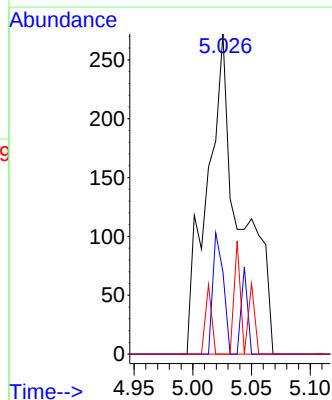
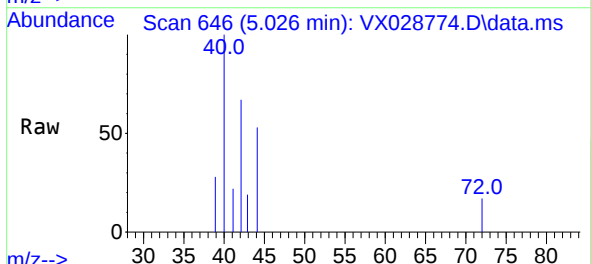
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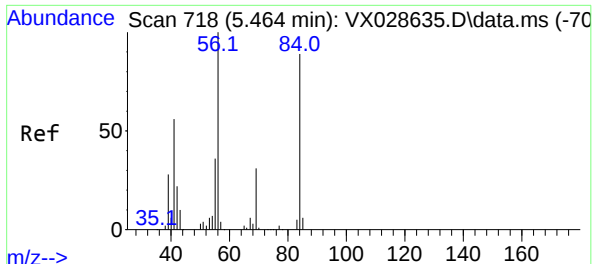
Tgt Ion: 43 Resp: 9110
Ion Ratio Lower Upper
43 100
72 26.3 24.4 36.6



#29
Tetrahydrofuran
Concen: 0.312 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.031 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

Tgt Ion: 42 Resp: 538
Ion Ratio Lower Upper
42 100
72 11.7 44.1 66.1#
71 4.1 40.5 60.7#

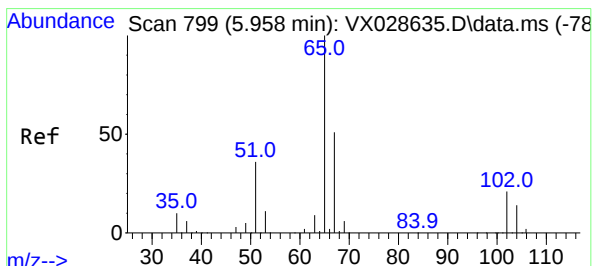
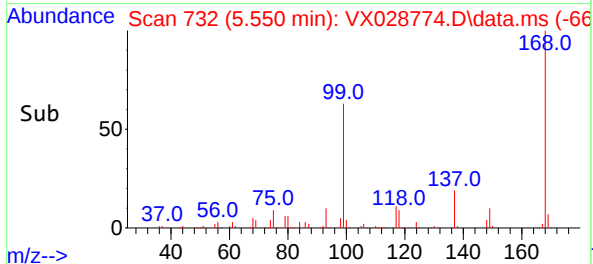
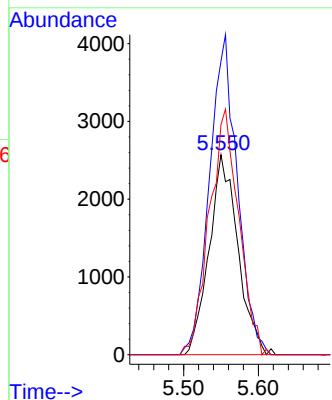
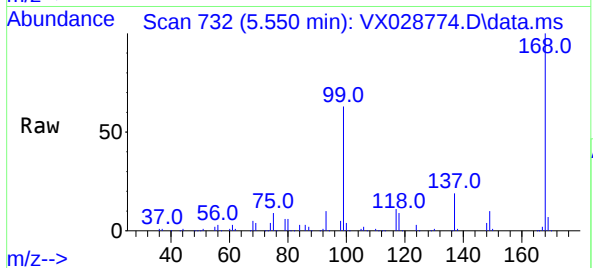




#31
Cyclohexane
Concen: 1.260 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

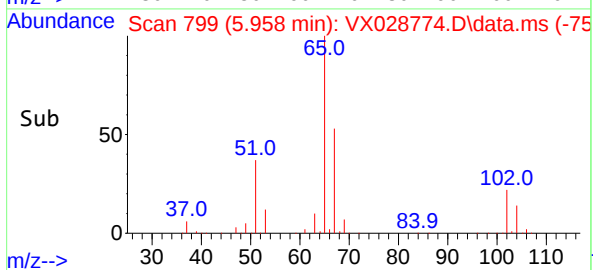
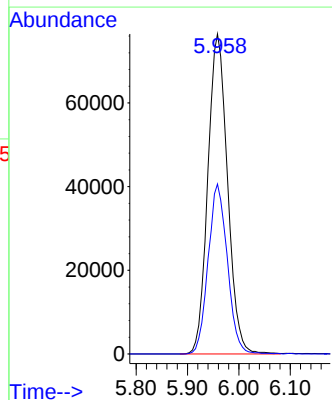
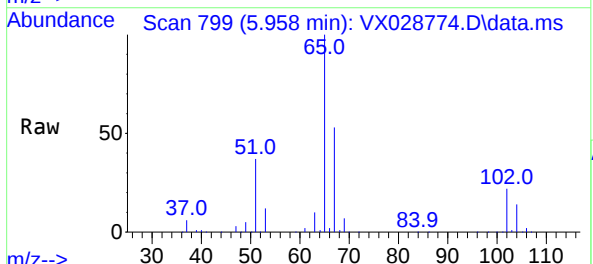
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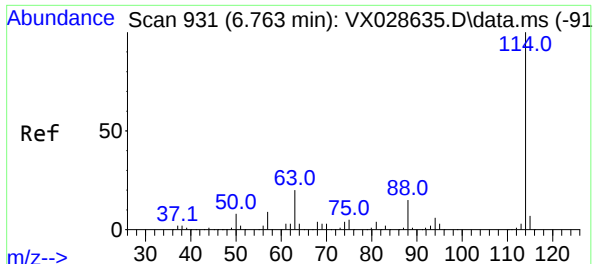
Tgt Ion: 56 Resp: 6885
Ion Ratio Lower Upper
56 100
69 146.9 26.7 40.1#
84 115.1 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 51.619 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

Tgt Ion: 65 Resp: 203220
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

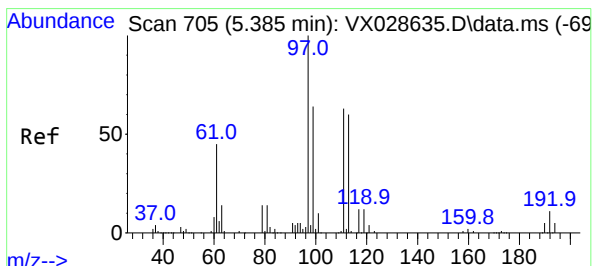
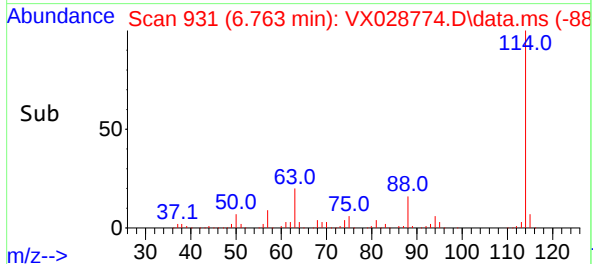
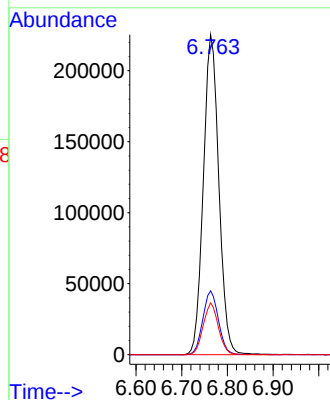
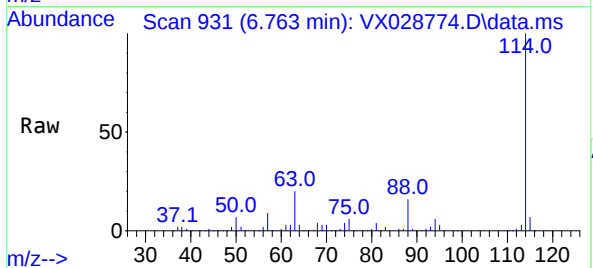




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

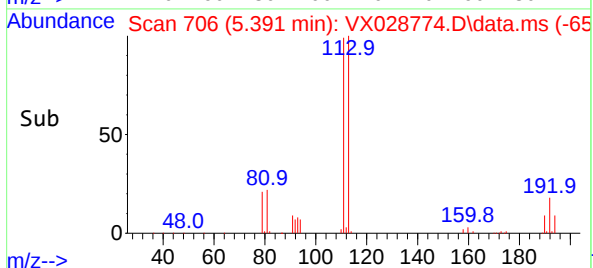
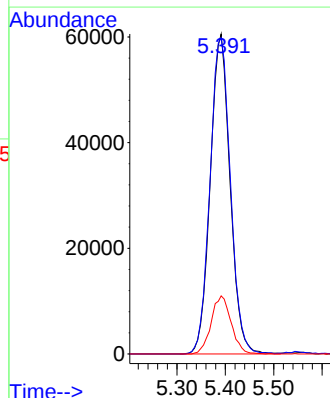
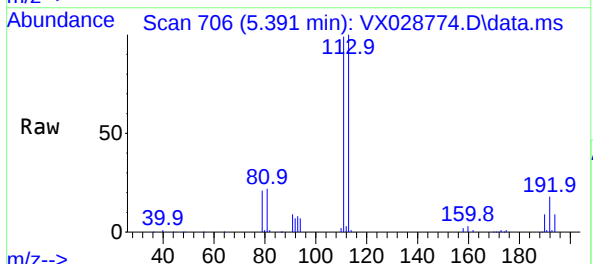
Instrument :
MSVOA_X
ClientSampleId :
TP2-0516

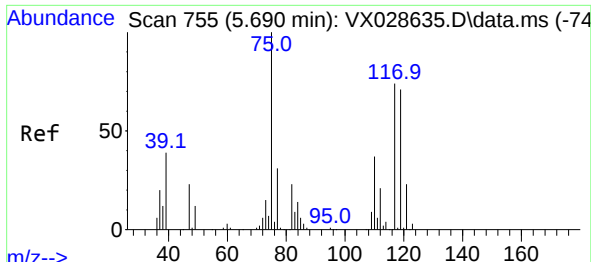
Tgt Ion:114 Resp: 529949
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.8
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.520 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

Tgt Ion:113 Resp: 171940
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 18.3 16.9 25.3

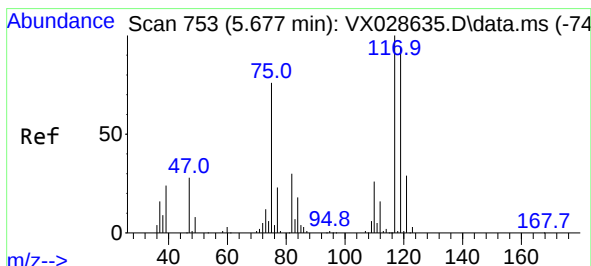
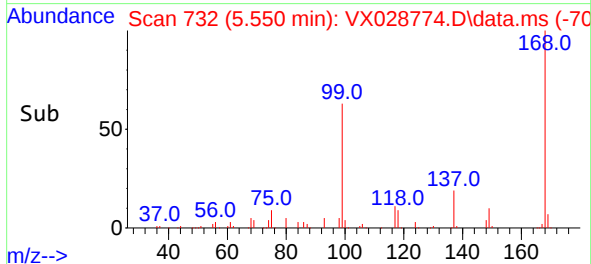
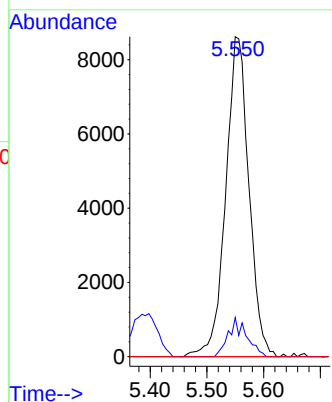
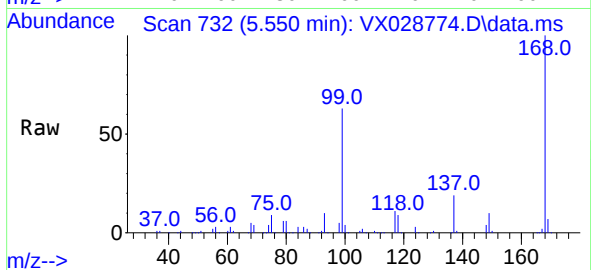




#36
1,1-Dichloropropene
Concen: 4.695 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

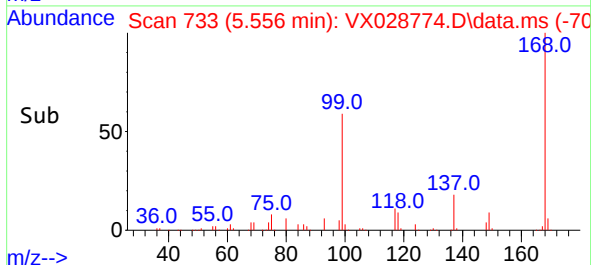
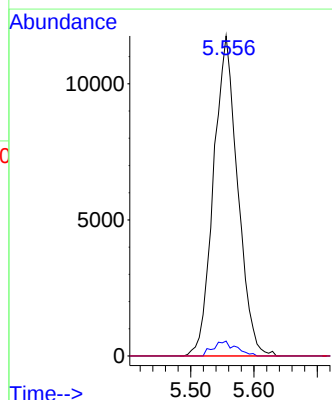
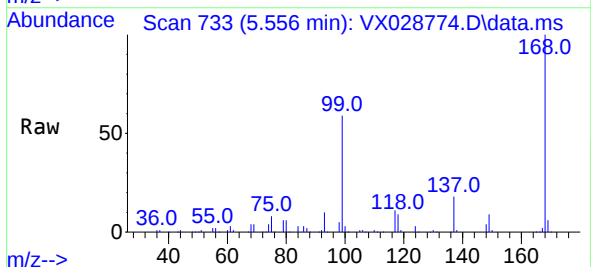
Instrument :
MSVOA_X
ClientSampleId :
TP2-0516

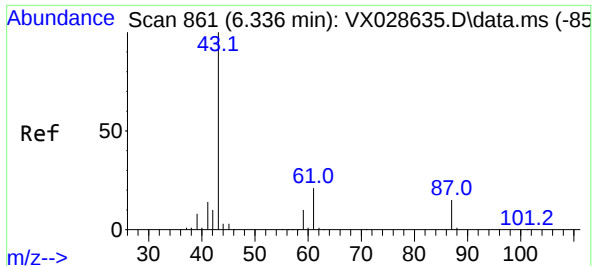
Tgt Ion: 75 Resp: 24486
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.939 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

Tgt Ion: 117 Resp: 31172
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#

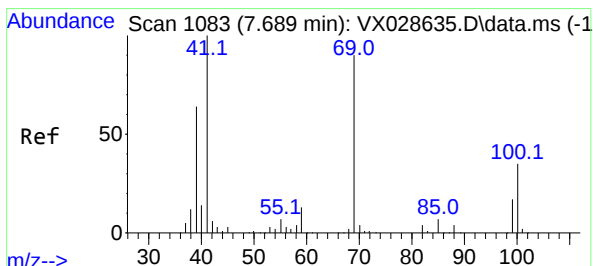
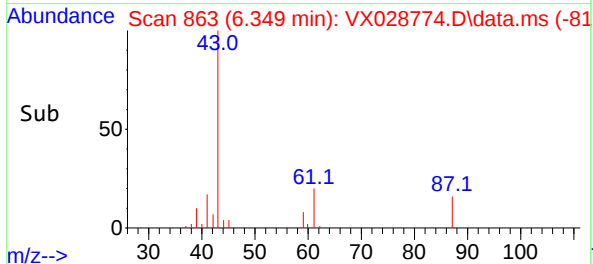
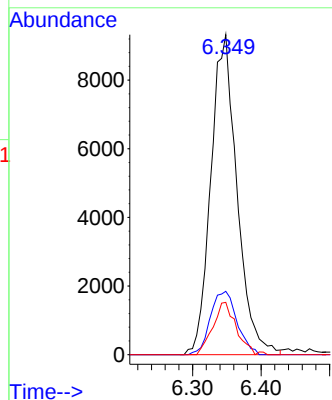
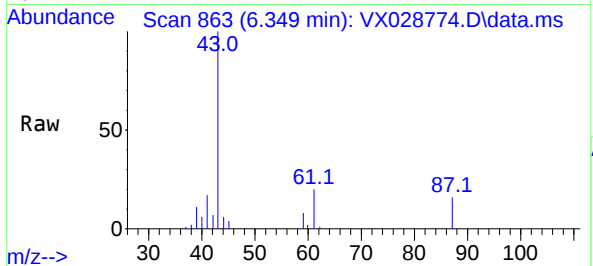




#43
Isopropyl Acetate
Concen: 2.901 ug/l
RT: 6.349 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

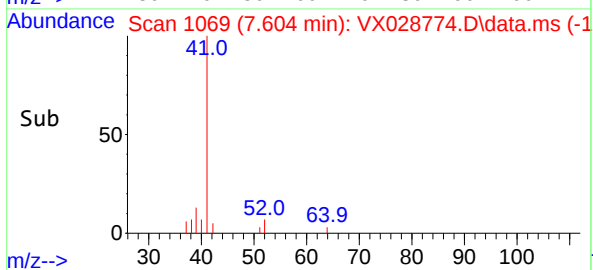
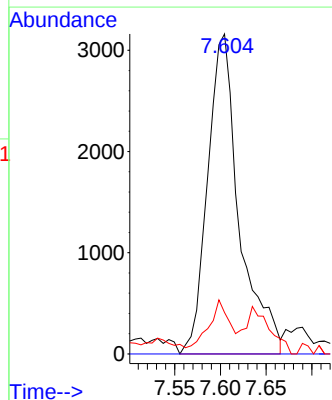
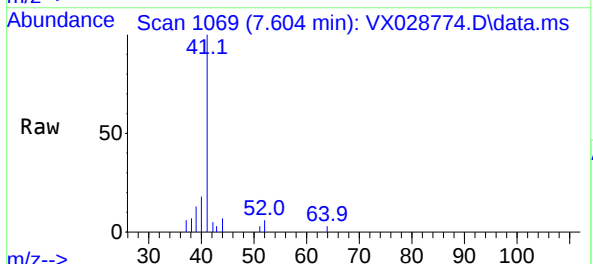
Instrument :
MSVOA_X
ClientSampleId :
TP2-0516

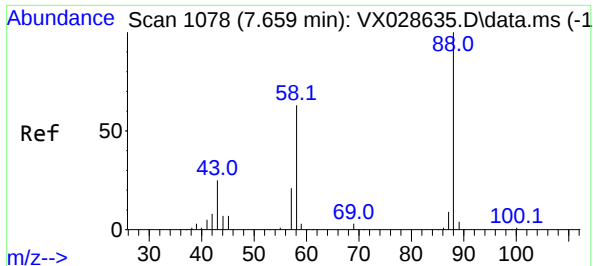
Tgt Ion: 43 Resp: 24718
Ion Ratio Lower Upper
43 100
61 20.1 18.5 27.7
87 14.7 13.0 19.6



#48
Methyl methacrylate
Concen: 1.851 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.085 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

Tgt Ion: 41 Resp: 7618
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 0.0 43.8 65.8#

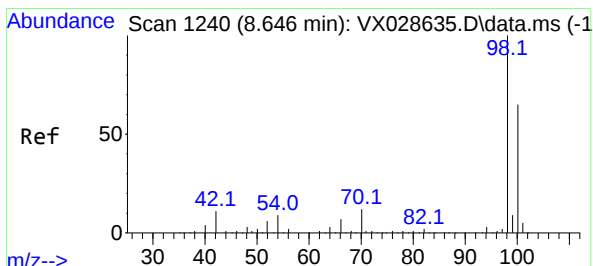
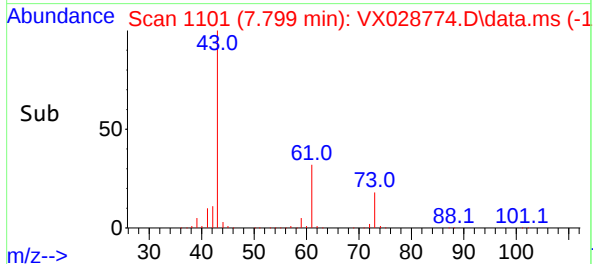
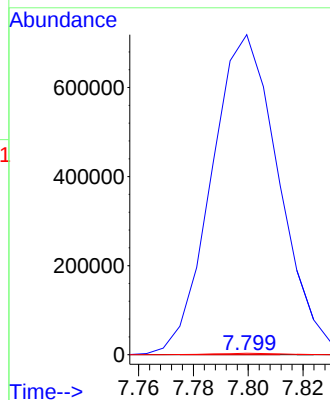
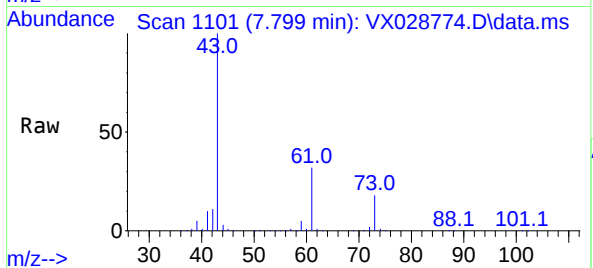




#49
1,4-Dioxane
Concen: 1.284 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.140 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

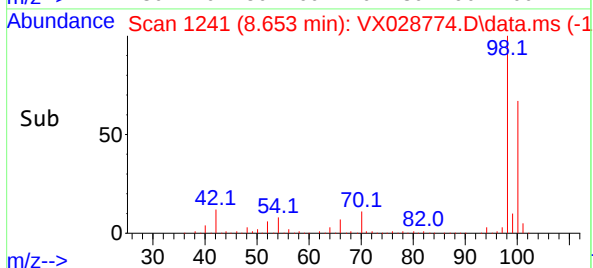
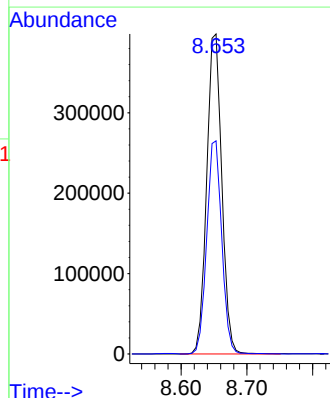
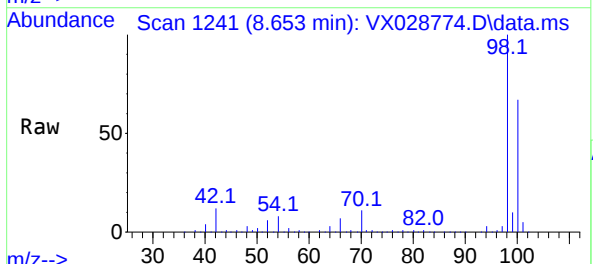
Instrument :
MSVOA_X
ClientSampleId :
TP2-0516

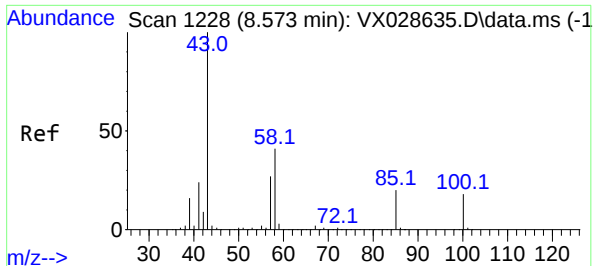
Tgt Ion: 88 Resp: 132
Ion Ratio Lower Upper
88 100
43 943018.9 21.9 32.9#
58 4106.1 53.7 80.5#



#50
Toluene-d8
Concen: 48.522 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

Tgt Ion: 98 Resp: 635182
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 16.785 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX028774.D

Acq: 17 May 2022 21:33

Instrument :

MSVOA_X

ClientSampleId :

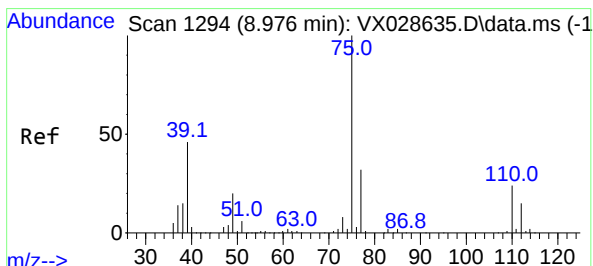
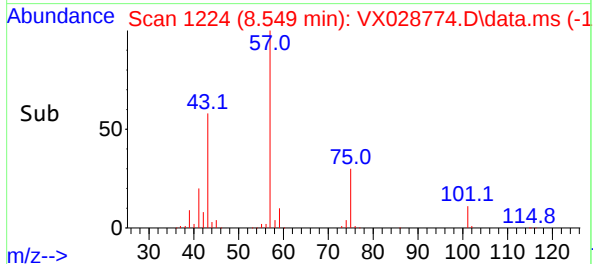
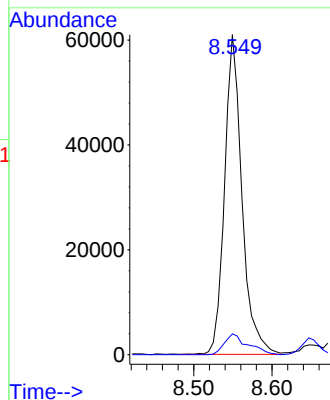
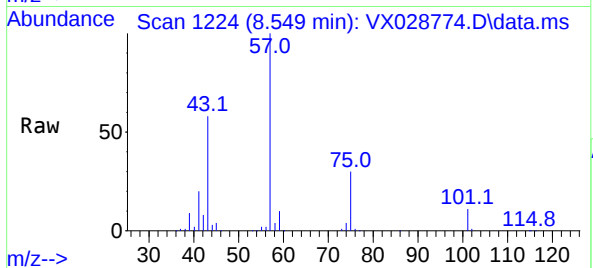
TP2-0516

Tgt Ion: 43 Resp: 94215

Ion Ratio Lower Upper

43 100

58 8.8 36.1 54.1#



#53

t-1,3-Dichloropropene

Concen: 1.644 ug/l

RT: 8.988 min Scan# 1296

Delta R.T. 0.012 min

Lab File: VX028774.D

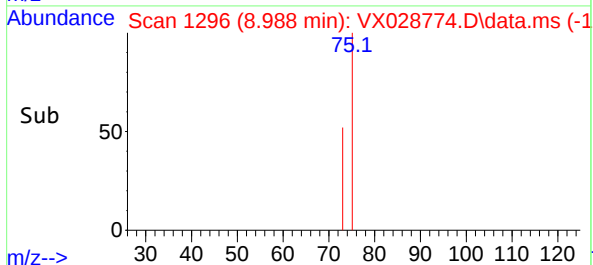
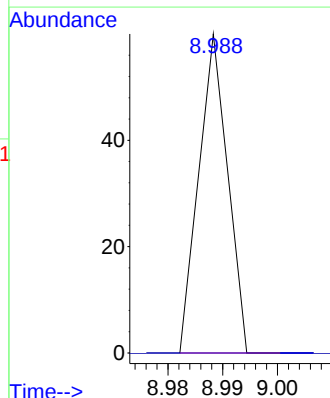
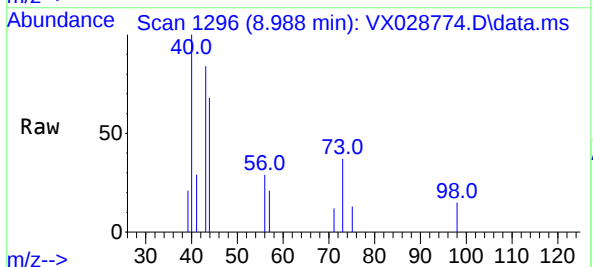
Acq: 17 May 2022 21:33

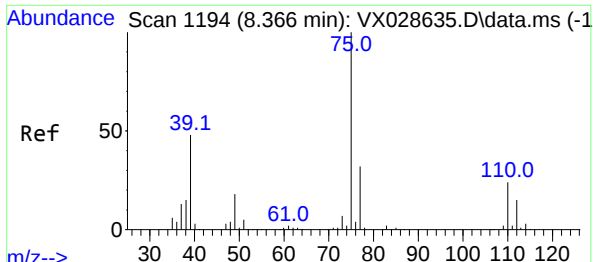
Tgt Ion: 75 Resp: 22

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#





#54

cis-1,3-Dichloropropene

Concen: 7.743 ug/l

RT: 8.549 min Scan# 1194

Delta R.T. 0.183 min

Lab File: VX028774.D

Acq: 17 May 2022 21:33

Instrument :

MSVOA_X

ClientSampleId :

TP2-0516

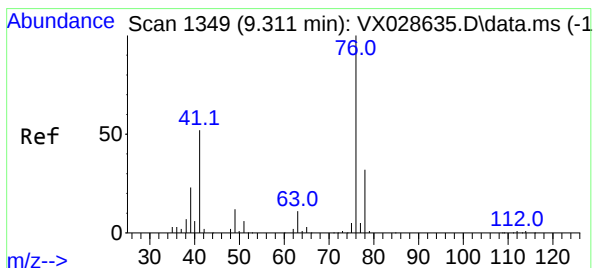
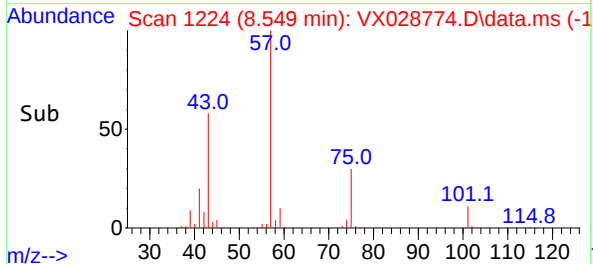
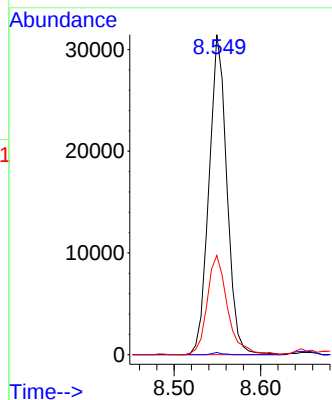
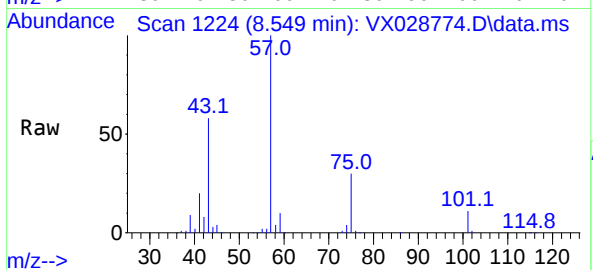
Tgt Ion: 75 Resp: 45170

Ion Ratio Lower Upper

75 100

77 0.7 24.8 37.2#

39 31.0 29.6 44.4



#57

1,3-Dichloropropane

Concen: 4.241 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX028774.D

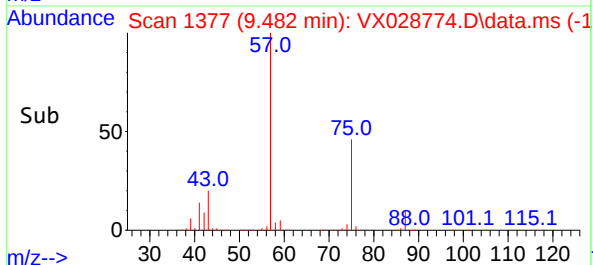
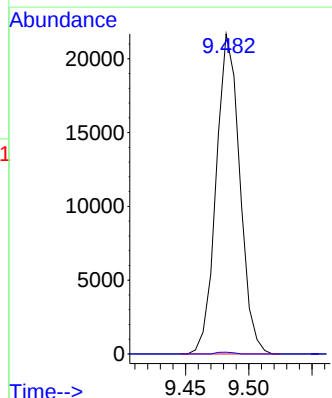
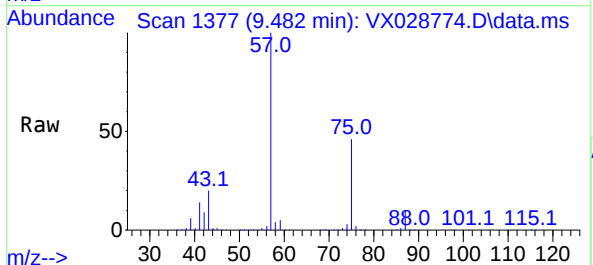
Acq: 17 May 2022 21:33

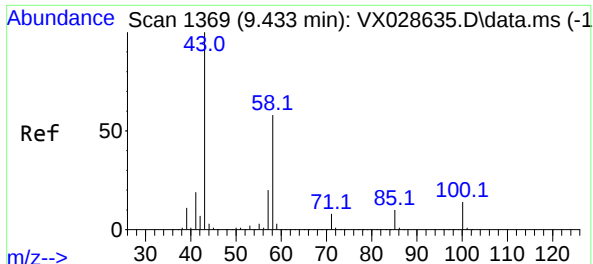
Tgt Ion: 76 Resp: 28120

Ion Ratio Lower Upper

76 100

78 0.4 25.8 38.8#

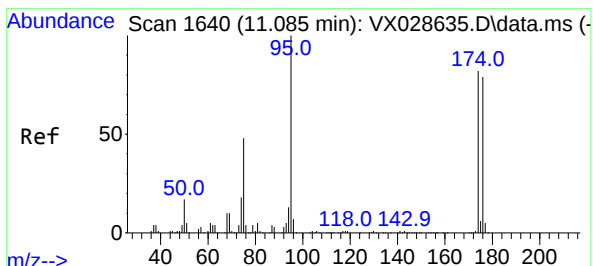
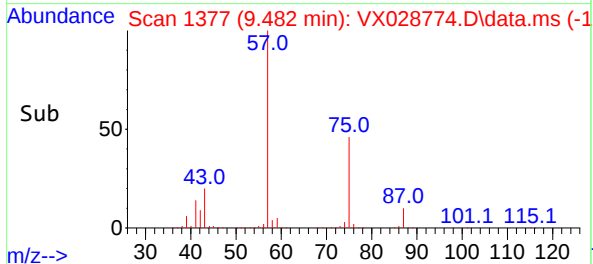
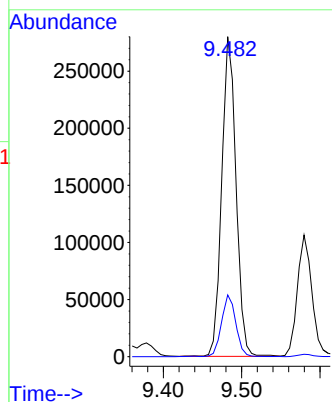
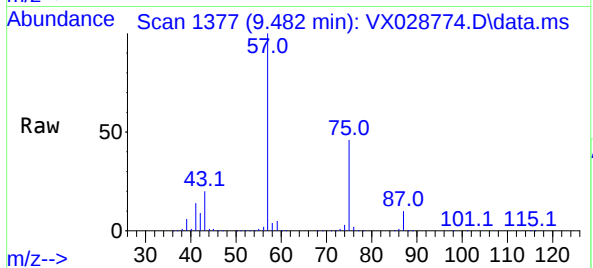




#59
2-Hexanone
Concen: 81.649 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

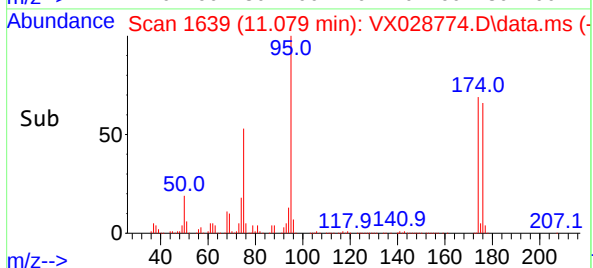
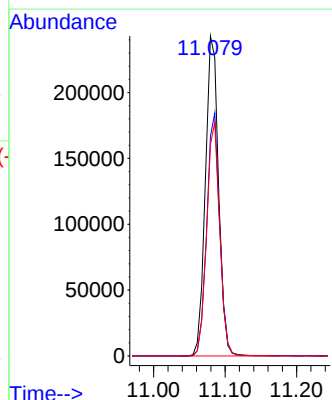
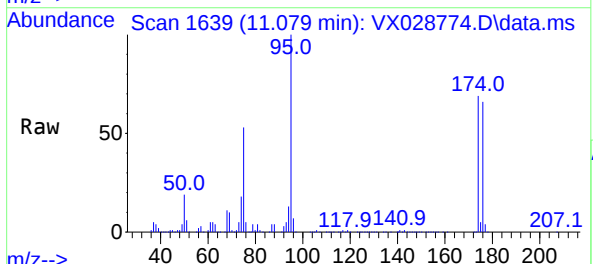
Instrument :
MSVOA_X
ClientSampleId :
TP2-0516

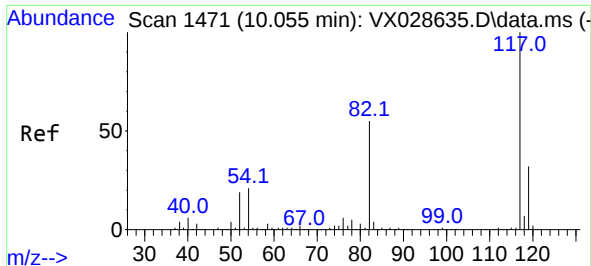
Tgt Ion: 43 Resp: 356073
Ion Ratio Lower Upper
43 100
58 19.2 31.9 95.7#



#62
4-Bromofluorobenzene
Concen: 63.609 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

Tgt Ion: 95 Resp: 311015
Ion Ratio Lower Upper
95 100
174 74.6 0.0 163.0
176 72.0 0.0 155.0

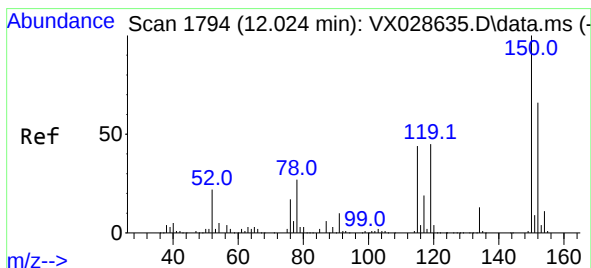
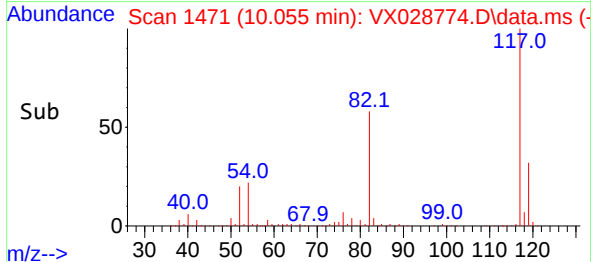
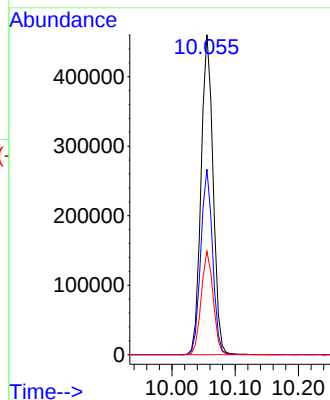
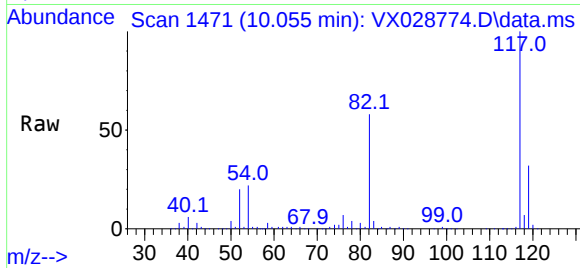




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

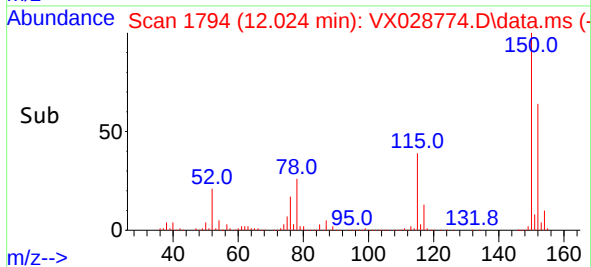
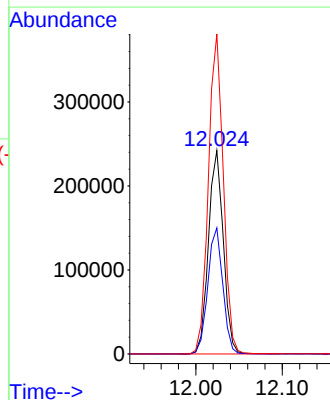
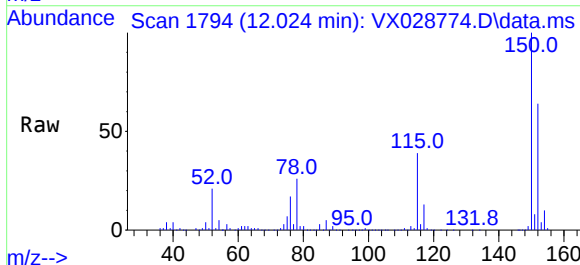
Instrument :
MSVOA_X
ClientSampleId :
TP2-0516

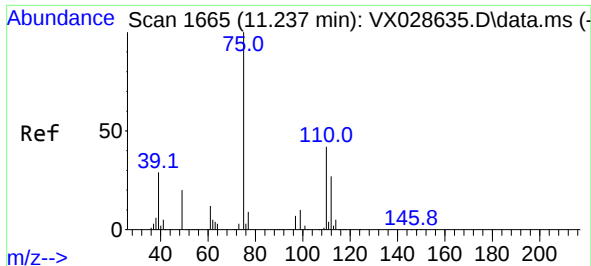
Tgt Ion:117 Resp: 609501
Ion Ratio Lower Upper
117 100
82 58.0 41.8 62.8
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

Tgt Ion:152 Resp: 289125
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 157.8 0.0 338.2

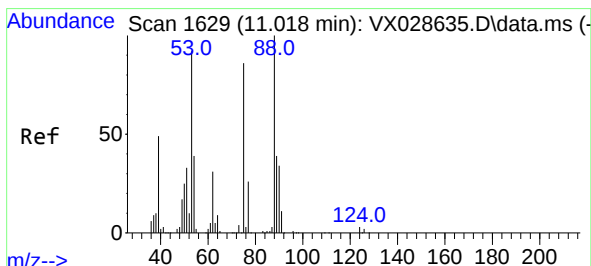
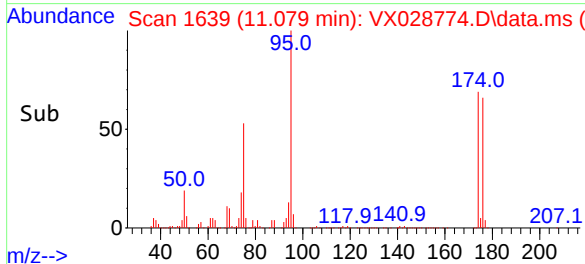
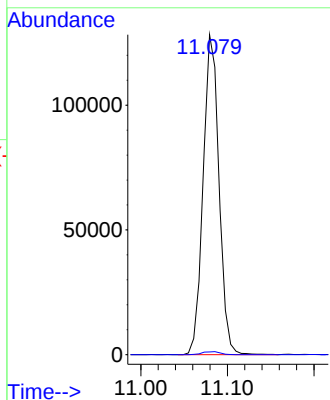
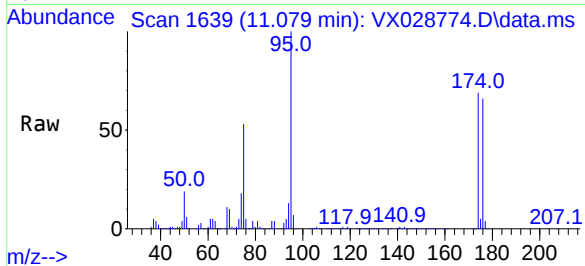




#76
1,2,3-Trichloropropane
Concen: 24.085 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

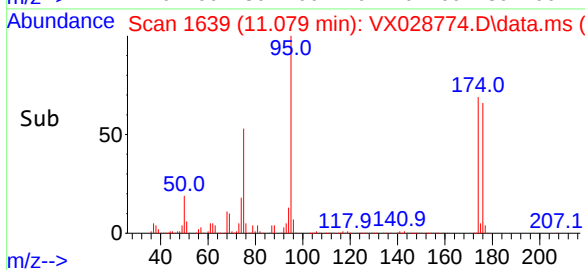
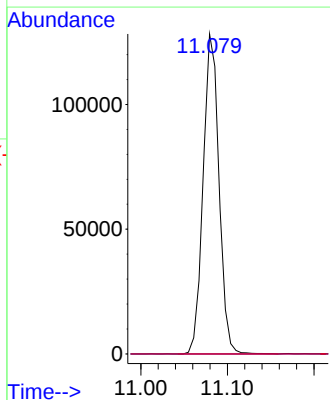
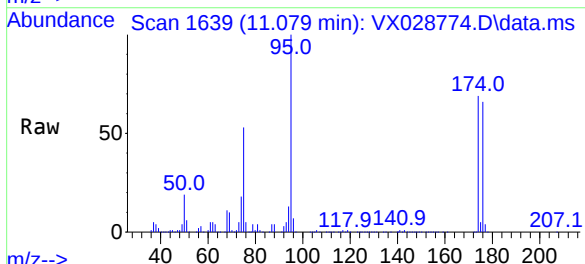
Instrument :
MSVOA_X
ClientSampleId :
TP2-0516

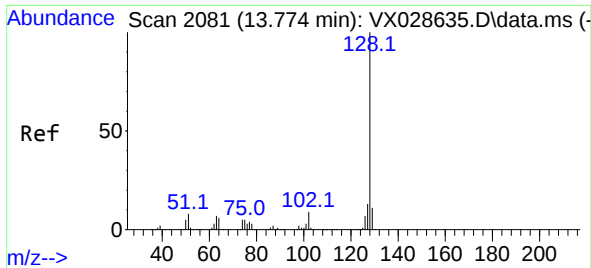
Tgt Ion: 75 Resp: 163078
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.159 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

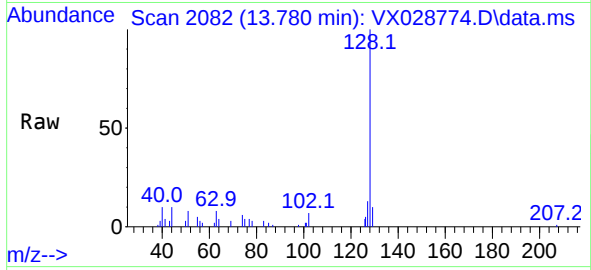
Tgt Ion: 75 Resp: 163078
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#95
Naphthalene
Concen: 0.246 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX028774.D
Acq: 17 May 2022 21:33

Instrument :
MSVOA_X
ClientSampleId :
TP2-0516



Tgt Ion:	128	Resp:	5045
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.2	15.4
129	10.7	8.7	13.1

