

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031935.D
 Acq On : 06 Oct 2022 22:01
 Operator : JC/MD
 Sample : N4882-18 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 07 08:09:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

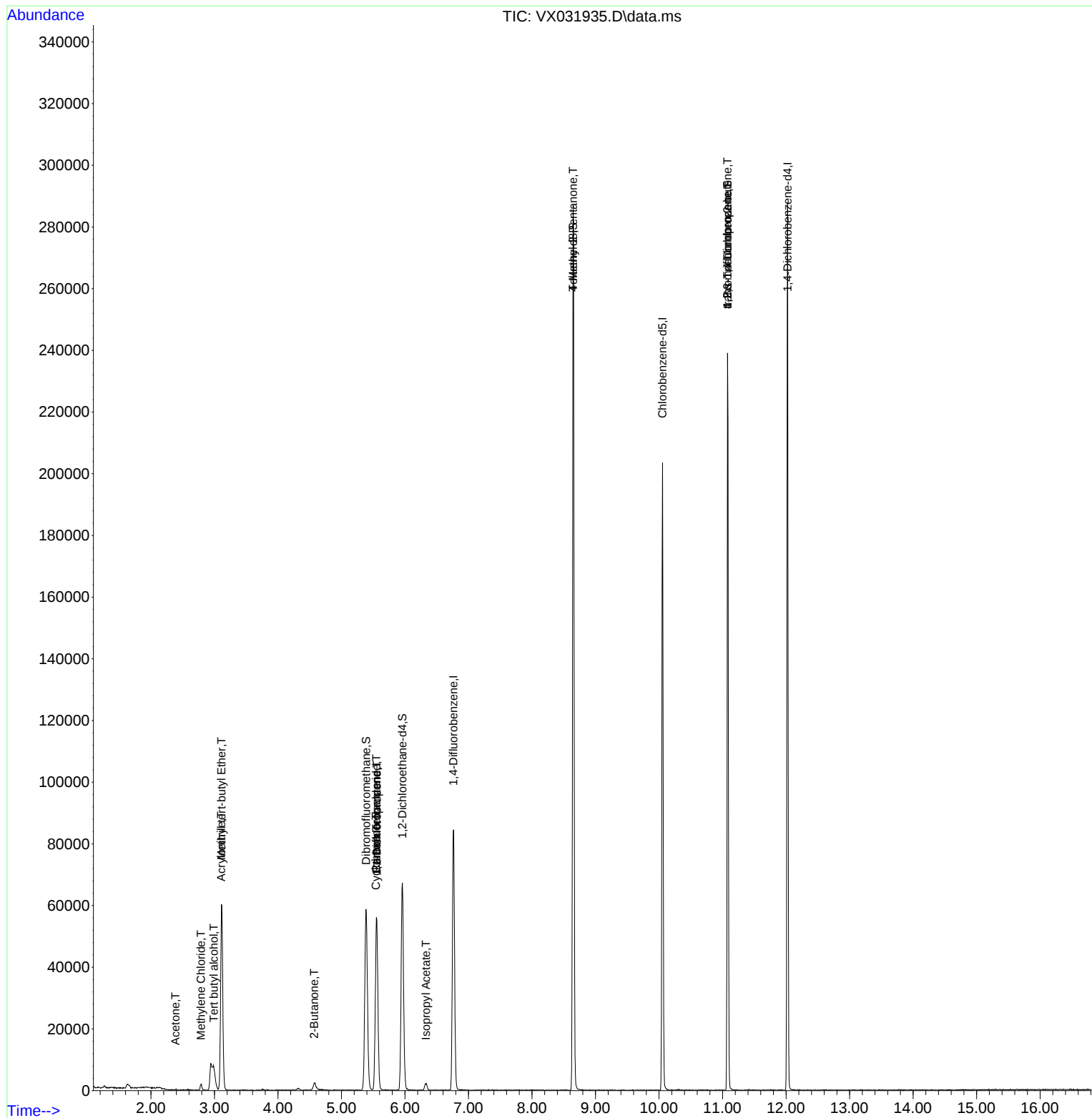
Internal Standards						
1) Pentafluorobenzene	5.550	168	52551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	89470	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	92068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62823	57.886	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.780%			
35) Dibromofluoromethane	5.385	113	51760	51.108	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.220%			
50) Toluene-d8	8.647	98	175157	48.064	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.120%			
62) 4-Bromofluorobenzene	11.079	95	60955	47.313	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.620%			
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	233	Below Cal		87
11) Tert butyl alcohol	2.989	59	16078	119.071	ug/l #	92
15) Acrylonitrile	3.105	53	829	1.926	ug/l #	16
16) Acetone	2.386	43	312	0.846	ug/l #	45
19) Methyl tert-butyl Ether	3.111	73	66165	24.632	ug/l	98
20) Methylene Chloride	2.788	84	875	0.903	ug/l	84
25) 2-Butanone	4.568	43	172	0.298	ug/l #	49
31) Cyclohexane	5.544	56	1212	0.935	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	4303	3.204	ug/l #	46
38) Carbon Tetrachloride	5.550	117	5419	3.946	ug/l #	16
43) Isopropyl Acetate	6.330	43	784	0.409	ug/l #	37
51) 4-Methyl-2-Pentanone	8.647	43	689	0.542	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32345	27.430	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32345	93.933	ug/l #	11

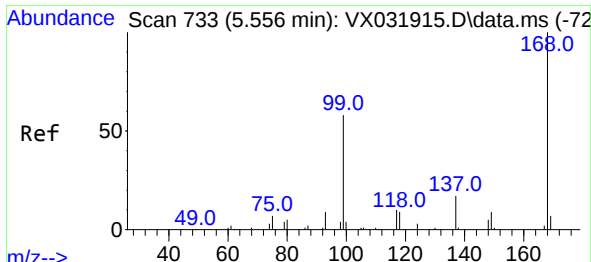
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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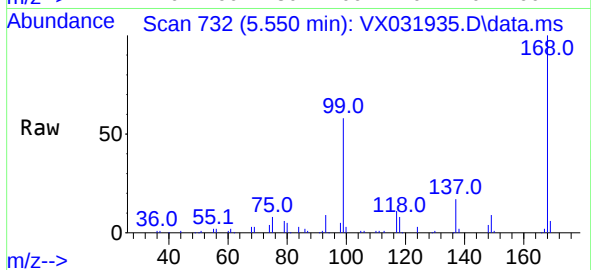
Quant Time: Oct 07 08:09:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
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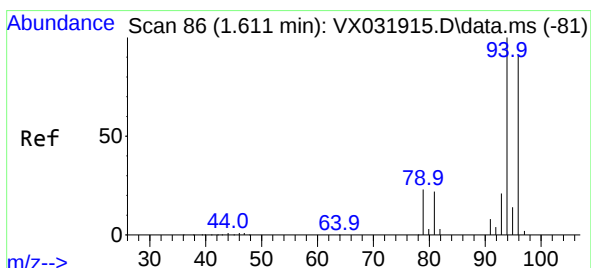
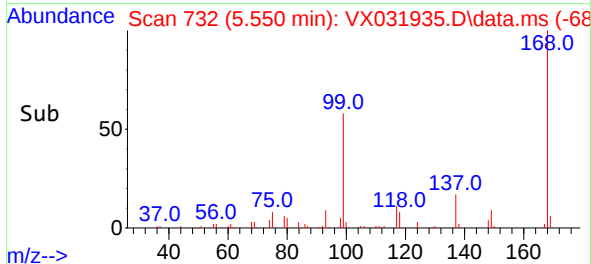
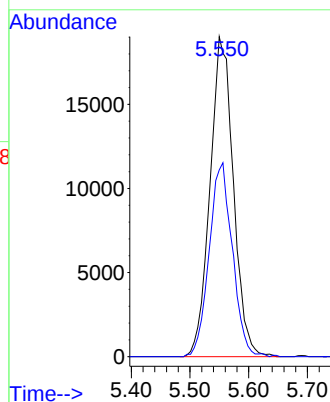


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031935.D
Acq: 06 Oct 2022 22:01

Instrument :
MSVOA_X
ClientSampleId :

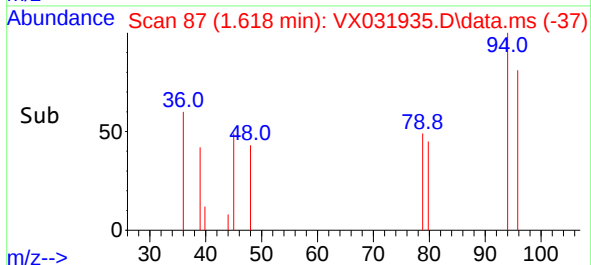
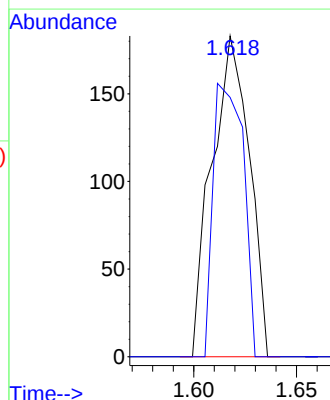
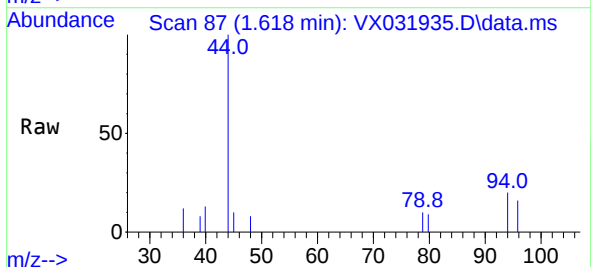


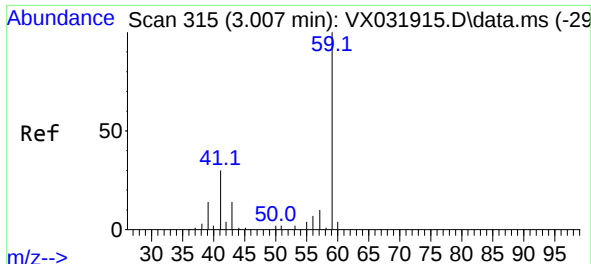
Tgt Ion:168 Resp: 52551
Ion Ratio Lower Upper
168 100
99 58.4 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031935.D
Acq: 06 Oct 2022 22:01

Tgt Ion: 94 Resp: 233
Ion Ratio Lower Upper
94 100
96 80.9 74.4 111.6





#11

Tert butyl alcohol

Concen: 119.071 ug/l

RT: 2.989 min Scan# 31

Delta R.T. -0.018 min

Lab File: VX031935.D

Acq: 06 Oct 2022 22:01

Instrument :

MSVOA_X

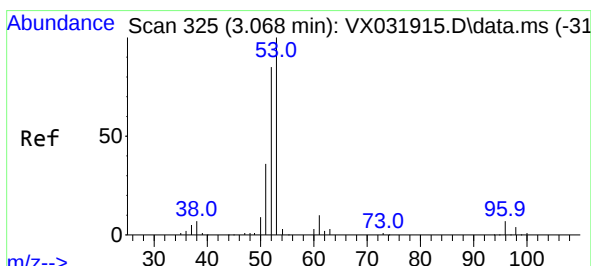
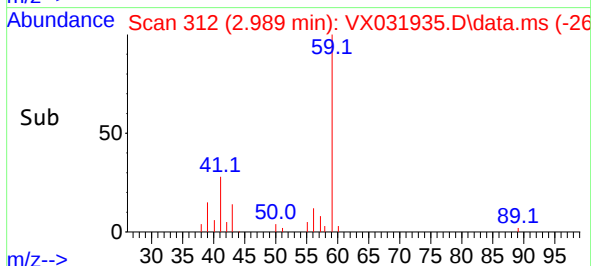
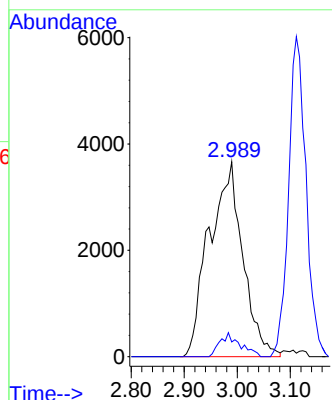
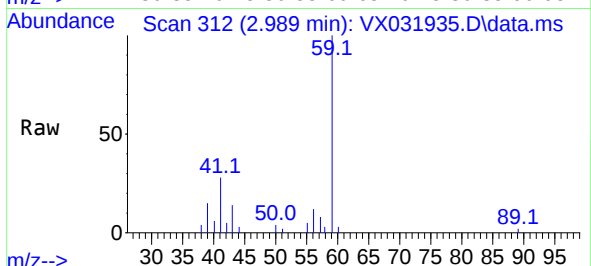
ClientSampleId :

Tgt Ion: 59 Resp: 16078

Ion Ratio Lower Upper

59 100

57 7.4 8.2 12.2#



#15

Acrylonitrile

Concen: 1.926 ug/l

RT: 3.105 min Scan# 331

Delta R.T. 0.037 min

Lab File: VX031935.D

Acq: 06 Oct 2022 22:01

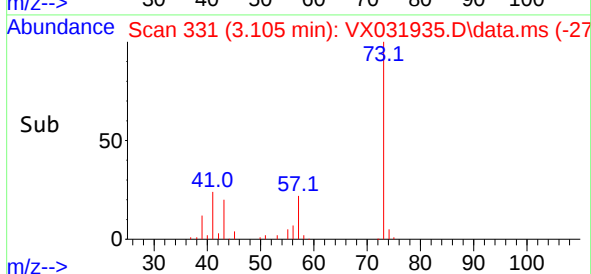
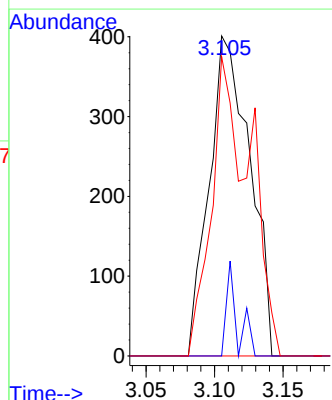
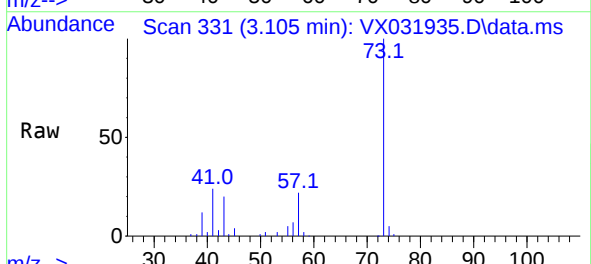
Tgt Ion: 53 Resp: 829

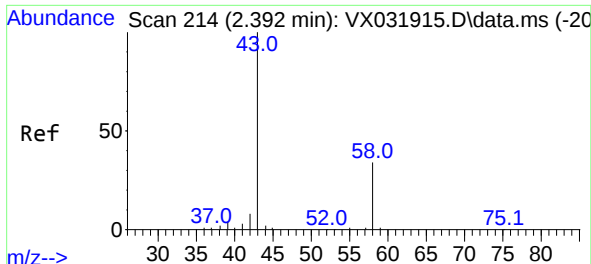
Ion Ratio Lower Upper

53 100

52 7.8 66.9 100.3#

51 88.5 30.0 45.0#

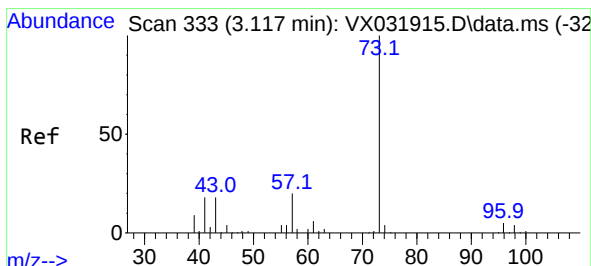
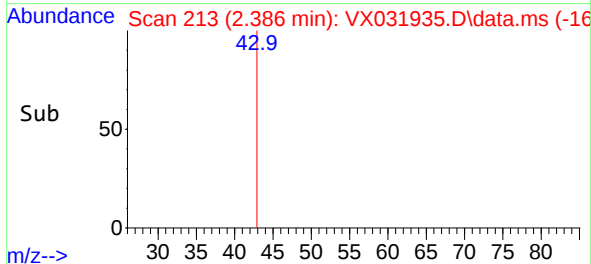
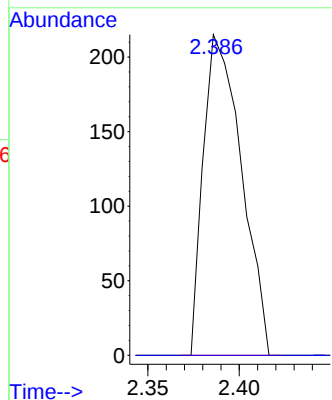
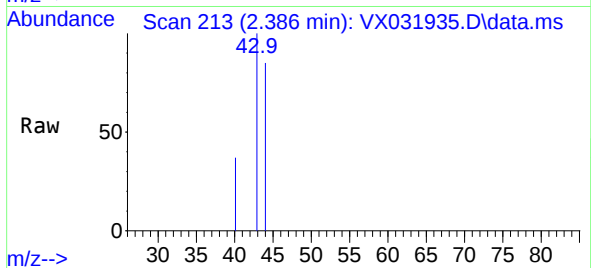




#16
Acetone
Concen: 0.846 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031935.D
Acq: 06 Oct 2022 22:01

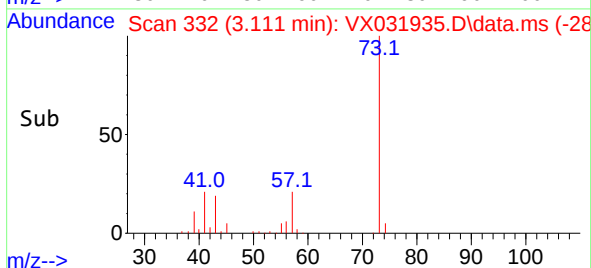
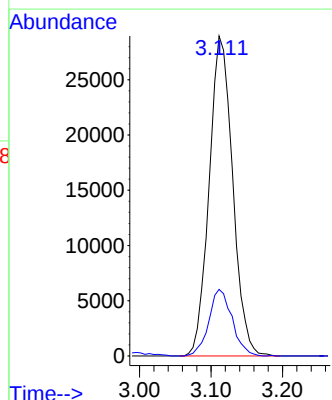
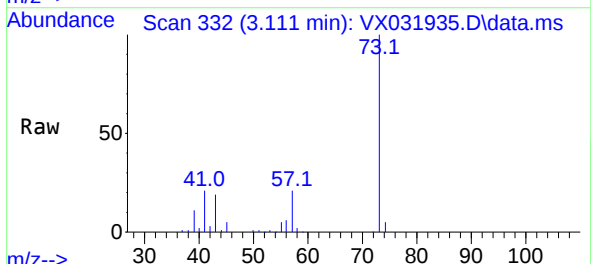
Instrument :
MSVOA_X
ClientSampleId :

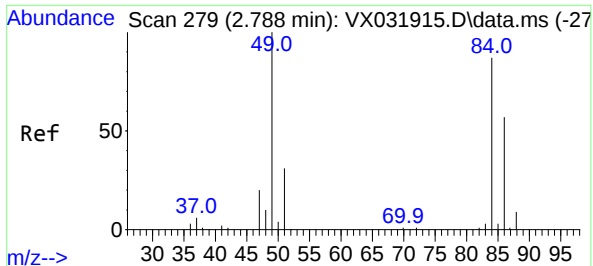
Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 24.632 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX031935.D
Acq: 06 Oct 2022 22:01

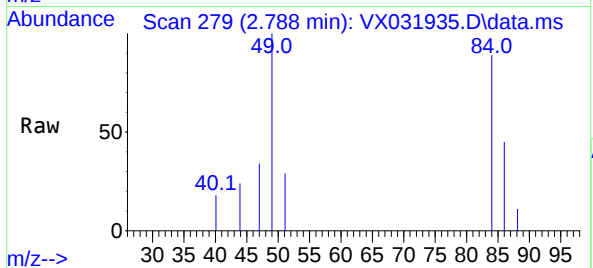
Tgt Ion: 73 Resp: 66165
Ion Ratio Lower Upper
73 100
57 20.8 17.2 25.8





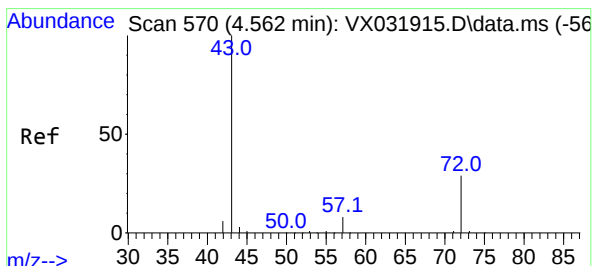
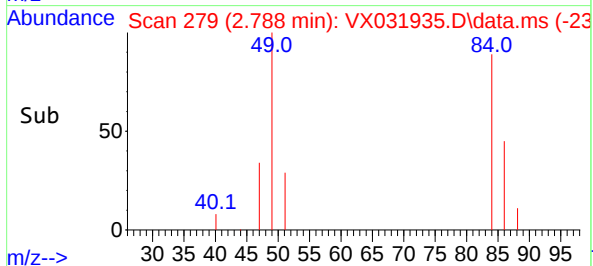
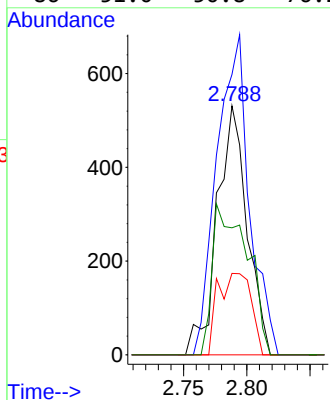
#20
Methylene Chloride
Concen: 0.903 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031935.D
Acq: 06 Oct 2022 22:01

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 875

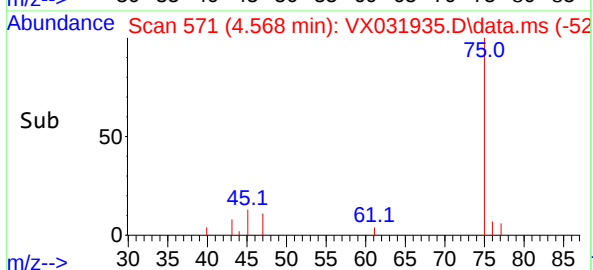
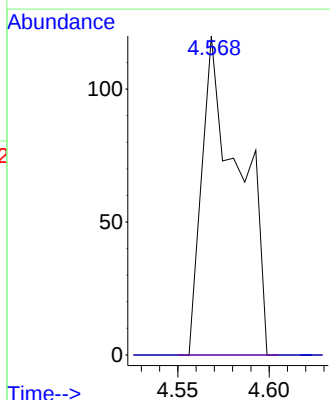
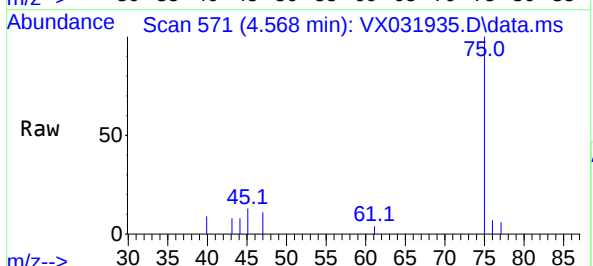
Ion	Ratio	Lower	Upper
84	100		
49	112.6	105.9	158.9
51	32.8	32.2	48.2
86	51.0	50.8	76.2

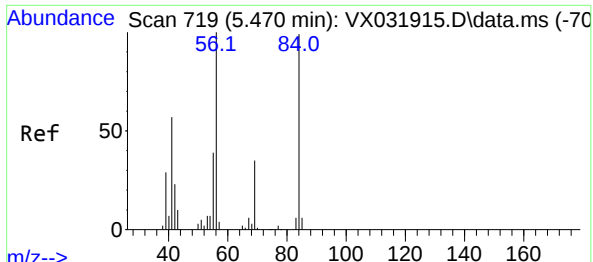


#25
2-Butanone
Concen: 0.298 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX031935.D
Acq: 06 Oct 2022 22:01

Tgt Ion: 43 Resp: 172

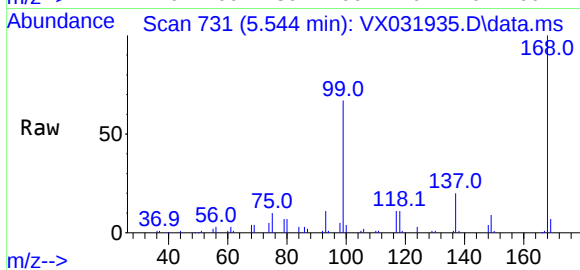
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.1	31.7#



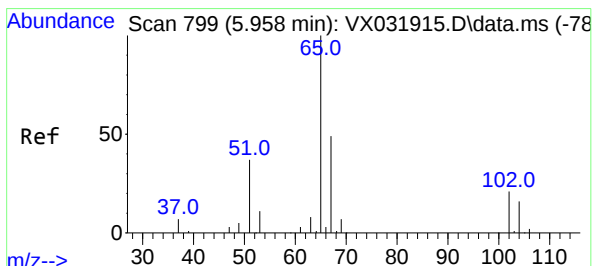
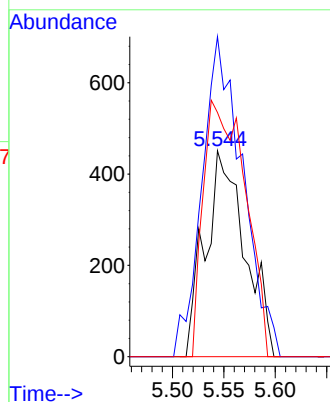
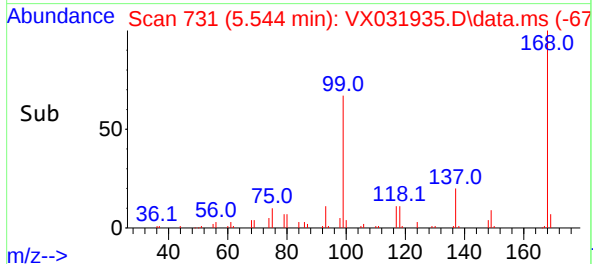


#31
Cyclohexane
Concen: 0.935 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX031935.D
Acq: 06 Oct 2022 22:01

Instrument :
MSVOA_X
ClientSampleId :

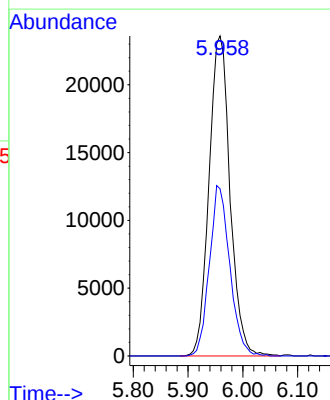
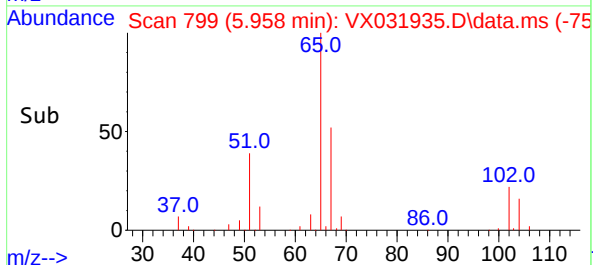
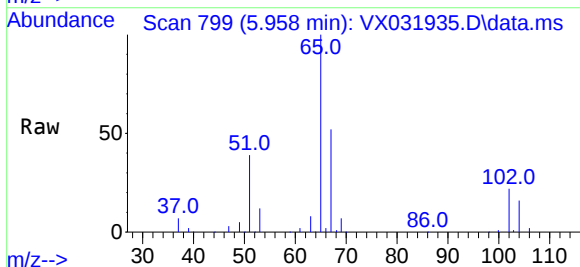


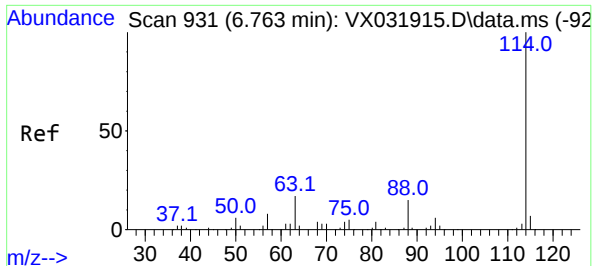
Tgt Ion: 56 Resp: 1212
Ion Ratio Lower Upper
56 100
69 155.4 25.1 37.7#
84 118.6 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 57.886 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031935.D
Acq: 06 Oct 2022 22:01

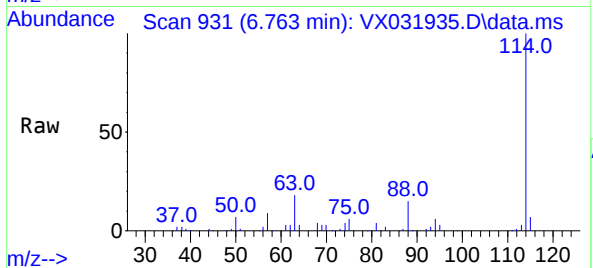
Tgt Ion: 65 Resp: 62823
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.4



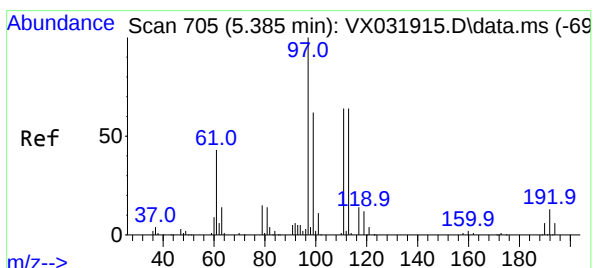
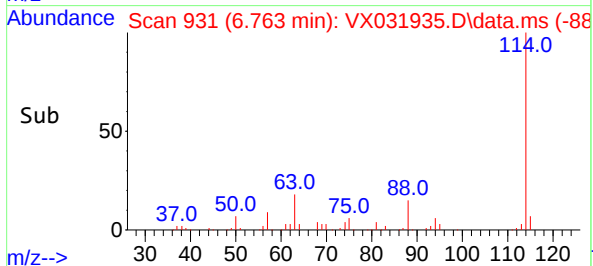
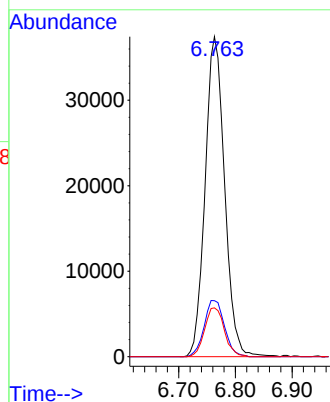


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX031935.D
Acq: 06 Oct 2022 22:01

Instrument :
MSVOA_X
ClientSampleId :

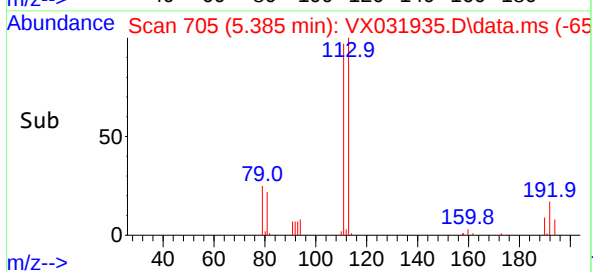
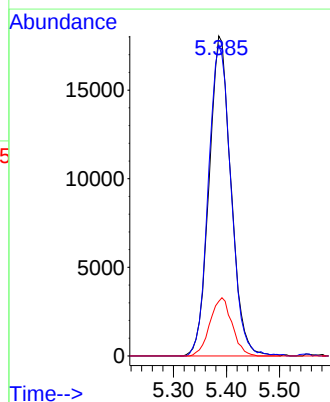
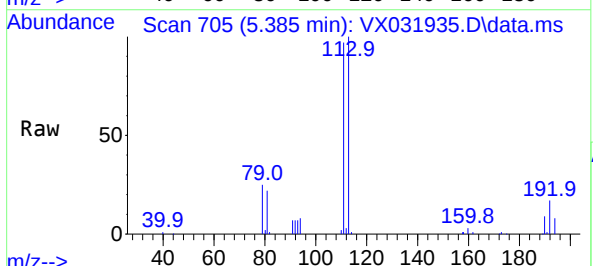


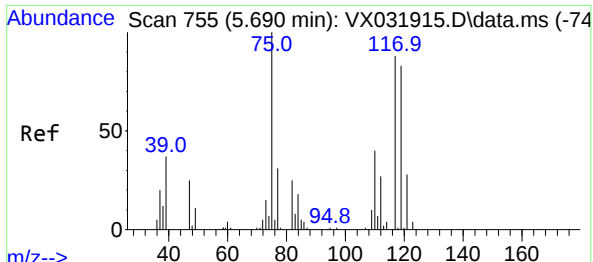
Tgt Ion:114 Resp: 89470
Ion Ratio Lower Upper
114 100
63 17.5 0.0 42.6
88 15.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.108 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031935.D
Acq: 06 Oct 2022 22:01

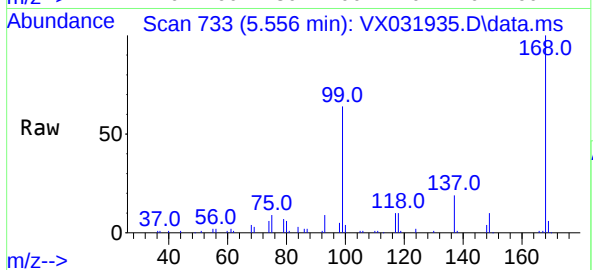
Tgt Ion:113 Resp: 51760
Ion Ratio Lower Upper
113 100
111 100.2 82.4 123.6
192 18.4 14.1 21.1



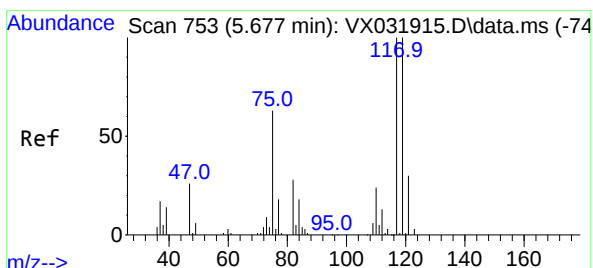
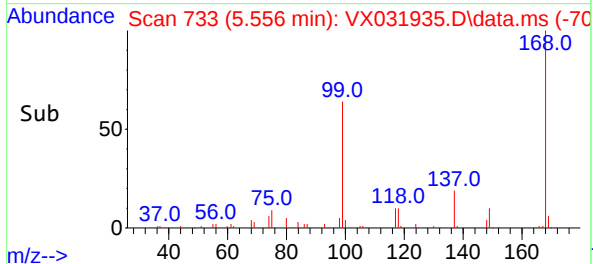
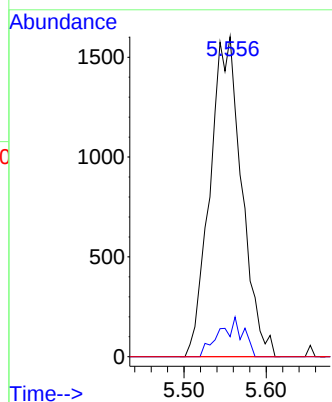


#36
1,1-Dichloropropene
Concen: 3.204 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX031935.D
Acq: 06 Oct 2022 22:01

Instrument :
MSVOA_X
ClientSampleId :

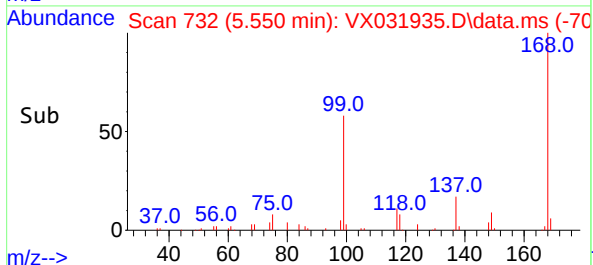
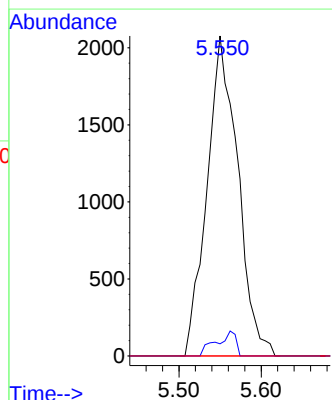
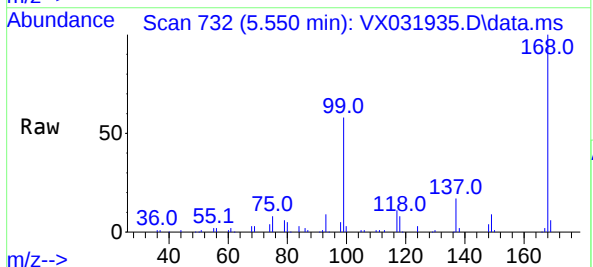


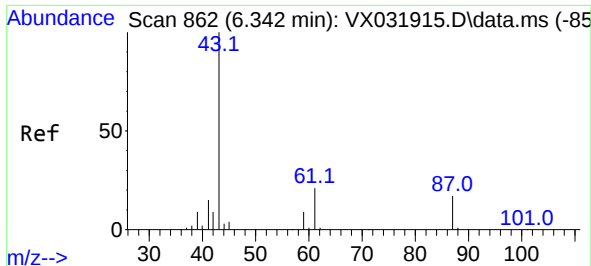
Tgt Ion: 75 Resp: 4303
Ion Ratio Lower Upper
75 100
110 5.0 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.946 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX031935.D
Acq: 06 Oct 2022 22:01

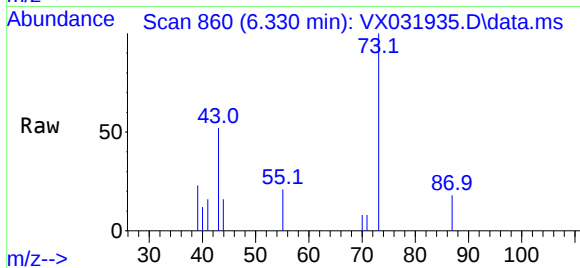
Tgt Ion: 117 Resp: 5419
Ion Ratio Lower Upper
117 100
119 3.8 74.6 112.0#
121 0.0 25.3 37.9#



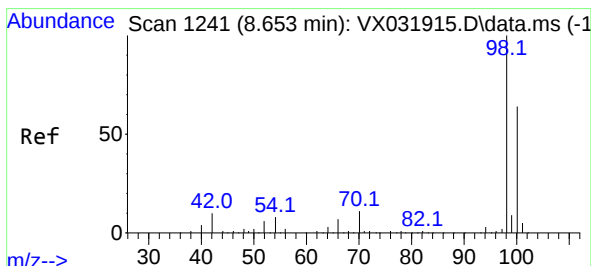
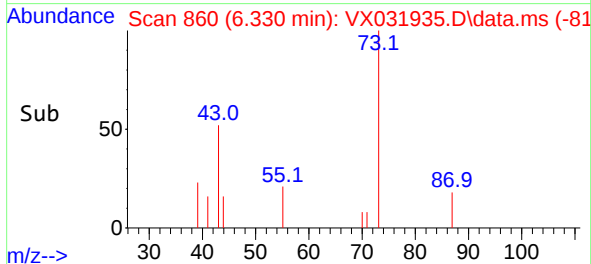
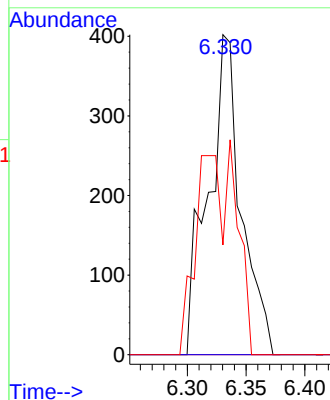


#43
Isopropyl Acetate
Concen: 0.409 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX031935.D
Acq: 06 Oct 2022 22:01

Instrument :
MSVOA_X
ClientSampleId :

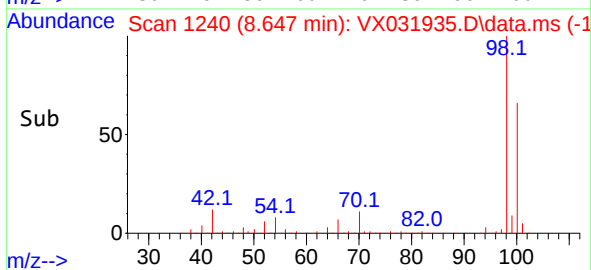
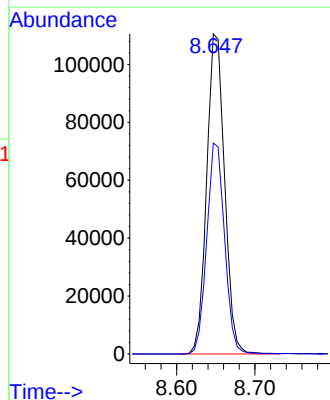
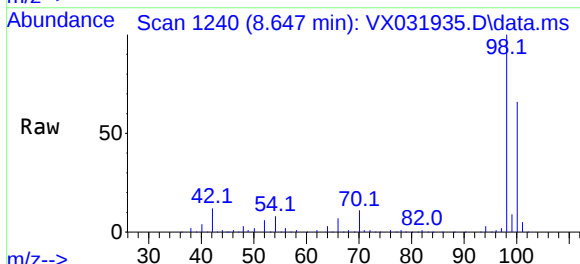


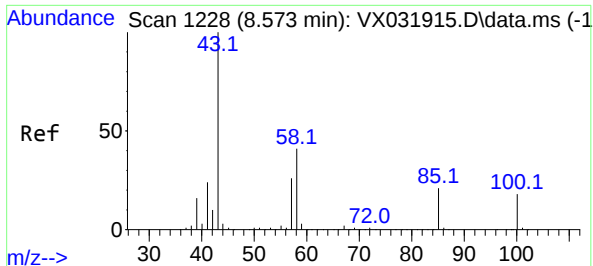
Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 50.5 10.6 15.8#



#50
Toluene-d8
Concen: 48.064 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031935.D
Acq: 06 Oct 2022 22:01

Tgt Ion: 98 Resp: 175157
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.542 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX031935.D

Acq: 06 Oct 2022 22:01

Instrument :

MSVOA_X

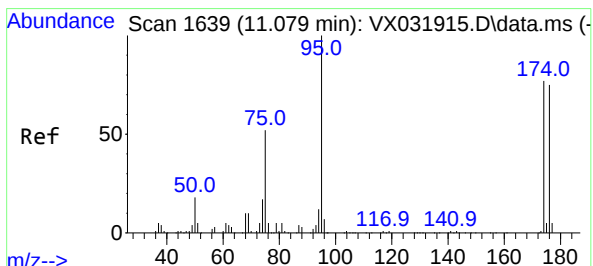
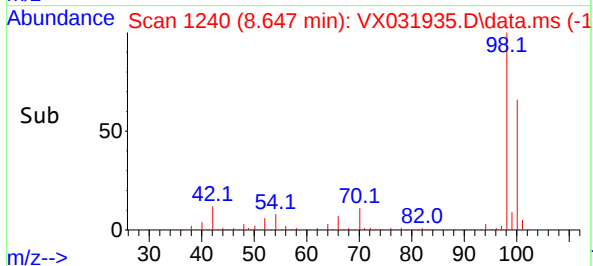
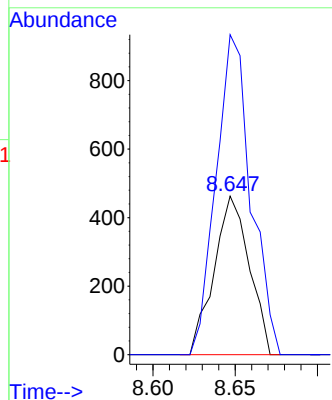
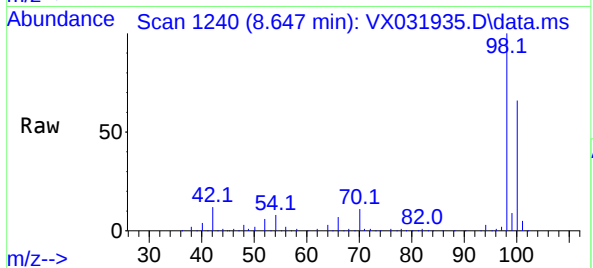
ClientSampleId :

Tgt Ion: 43 Resp: 689

Ion Ratio Lower Upper

43 100

58 200.4 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 47.313 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031935.D

Acq: 06 Oct 2022 22:01

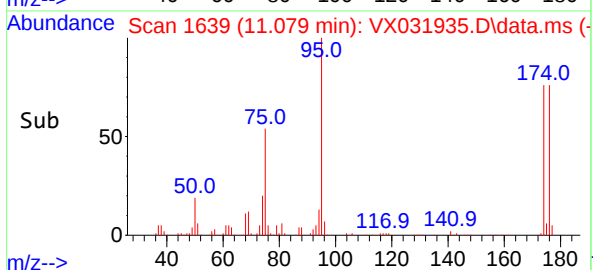
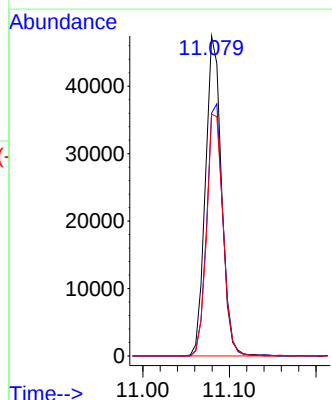
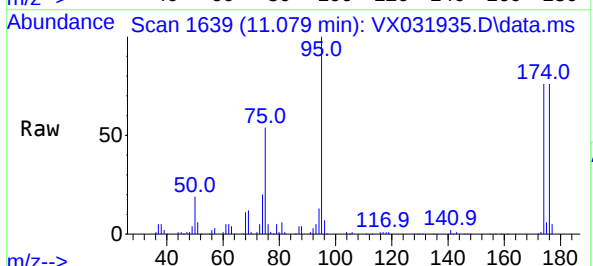
Tgt Ion: 95 Resp: 60955

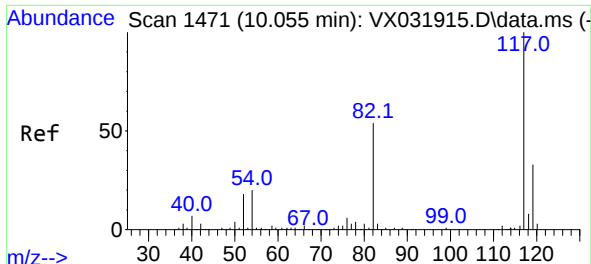
Ion Ratio Lower Upper

95 100

174 79.4 0.0 153.2

176 77.3 0.0 144.0

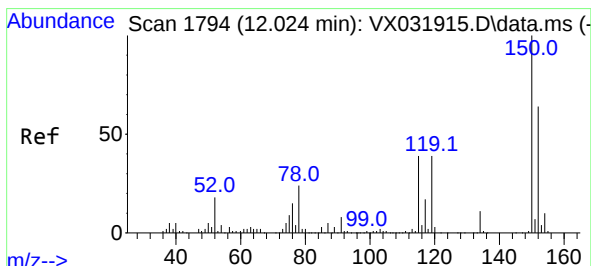
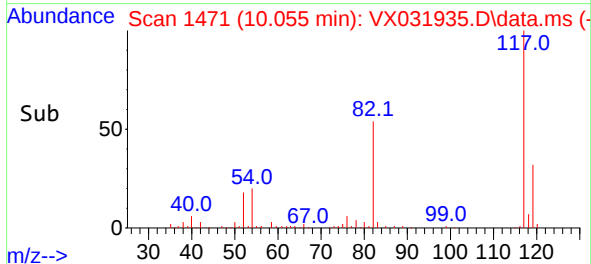
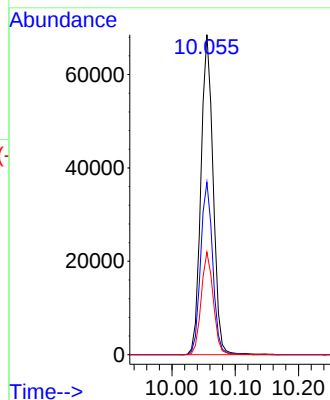
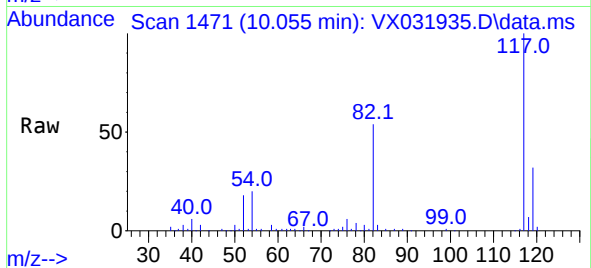




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031935.D
Acq: 06 Oct 2022 22:01

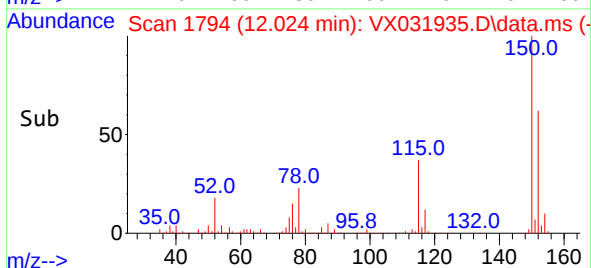
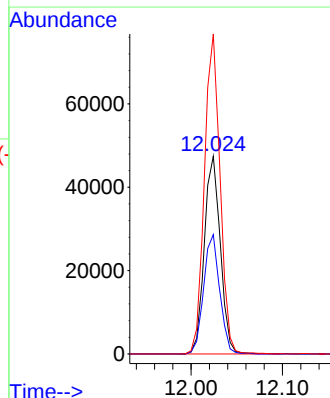
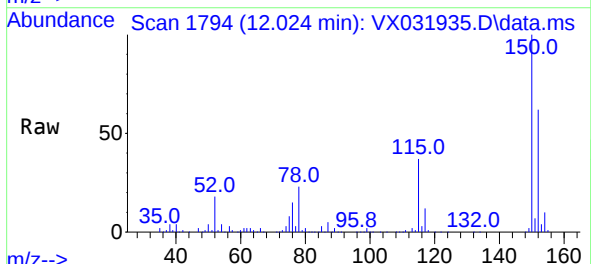
Instrument :
MSVOA_X
ClientSampleId :

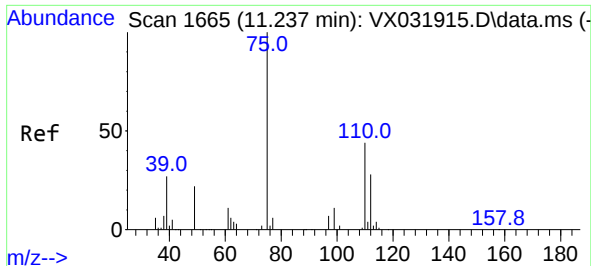
Tgt Ion:117 Resp: 92068
Ion Ratio Lower Upper
117 100
82 53.8 46.8 70.2
119 32.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031935.D
Acq: 06 Oct 2022 22:01

Tgt Ion:152 Resp: 57535
Ion Ratio Lower Upper
152 100
115 60.7 43.4 130.1
150 158.4 0.0 346.8

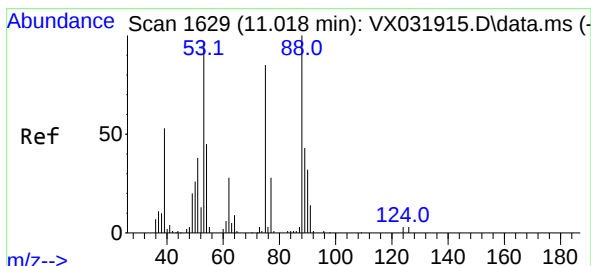
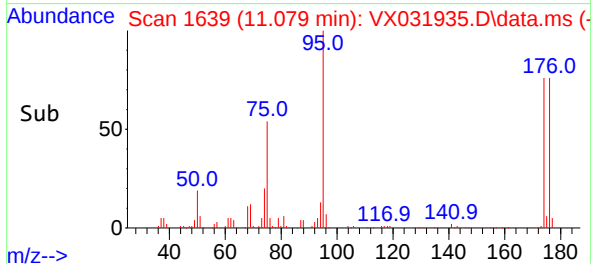
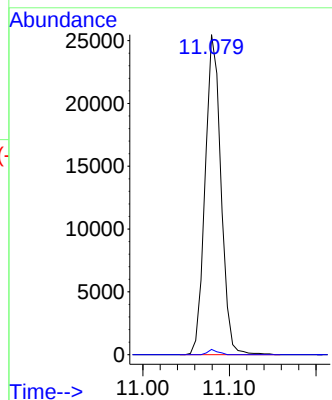
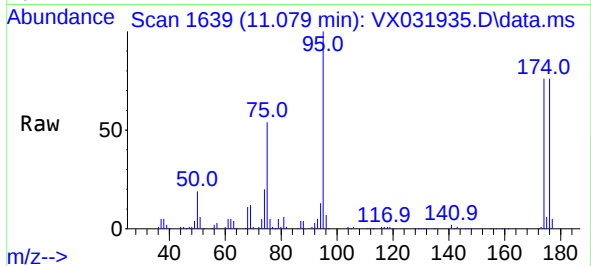




#76
1,2,3-Trichloropropane
Concen: 27.430 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031935.D
Acq: 06 Oct 2022 22:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 32345
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.933 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031935.D
Acq: 06 Oct 2022 22:01

Tgt Ion: 75 Resp: 32345
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

