

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032860.D
 Acq On : 16 Nov 2022 12:07
 Operator : JC/MD
 Sample : VX1116MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 17 05:41:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

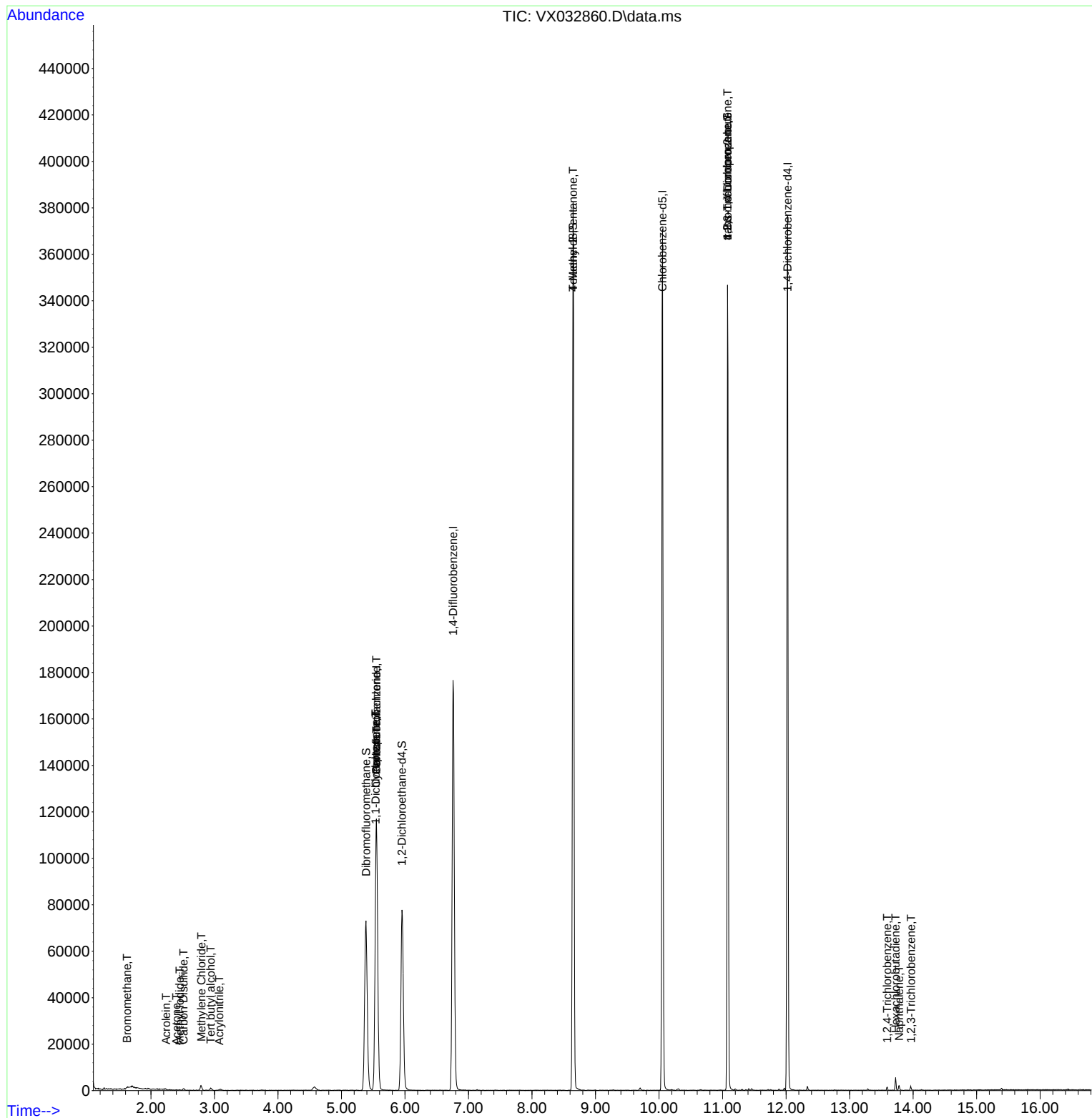
Internal Standards						
1) Pentafluorobenzene	5.550	168	110038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	183409	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77976	51.000	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.000%
35) Dibromofluoromethane	5.385	113	62629	47.871	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.740%
50) Toluene-d8	8.647	98	225234	49.511	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.020%
62) 4-Bromofluorobenzene	11.079	95	87361	49.162	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.320%
Target Compounds						
						Qvalue
5) Bromomethane	1.624	94	293	0.310	ug/l	83
10) Methyl Iodide	2.453	142	155	2.030	ug/l #	89
11) Tert butyl alcohol	2.941	59	626	2.813	ug/l #	72
13) Acrolein	2.239	56	108	0.486	ug/l #	61
15) Acrylonitrile	3.075	53	173	0.286	ug/l #	79
16) Acetone	2.398	43	246	0.443	ug/l #	45
17) Carbon Disulfide	2.514	76	931	0.354	ug/l #	74
20) Methylene Chloride	2.794	84	926	0.727	ug/l #	87
31) Cyclohexane	5.544	56	2295	1.238	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	8250	4.528	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11565	5.723	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1039	0.567	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47680	27.547	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	47680	87.656	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	544	0.297	ug/l	85
94) Hexachlorobutadiene	13.725	225	833	1.088	ug/l	96
95) Naphthalene	13.780	128	1624	0.266	ug/l	97
96) 1,2,3-Trichlorobenzene	13.969	180	625	0.335	ug/l	89

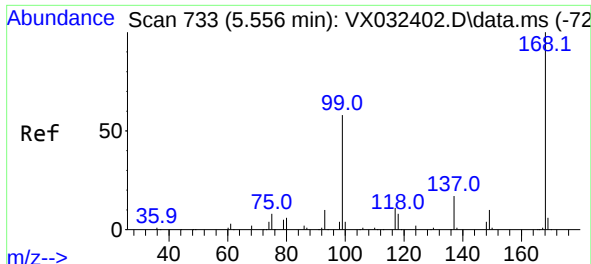
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
Data File : VX032860.D
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Sample : VX1116MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

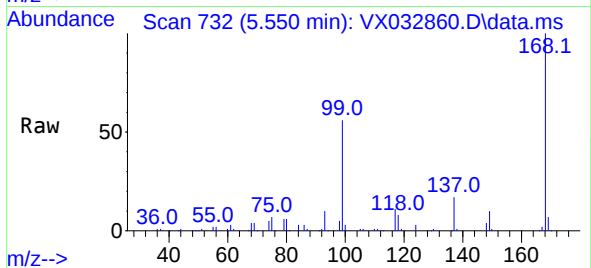
Quant Time: Nov 17 05:41:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



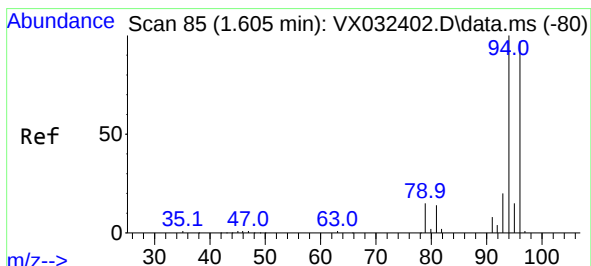
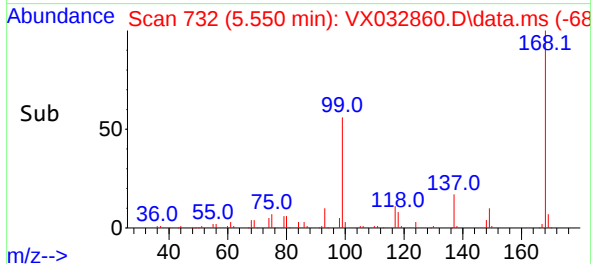
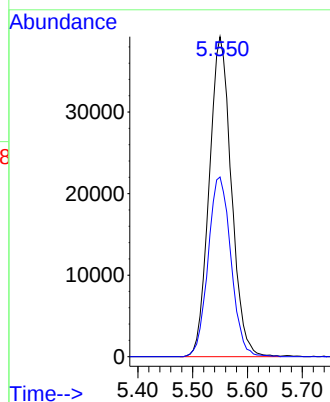


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

Instrument :
MSVOA_X
ClientSampleId :

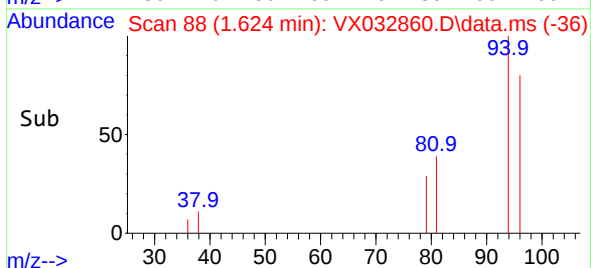
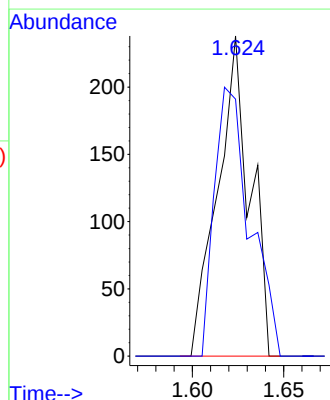
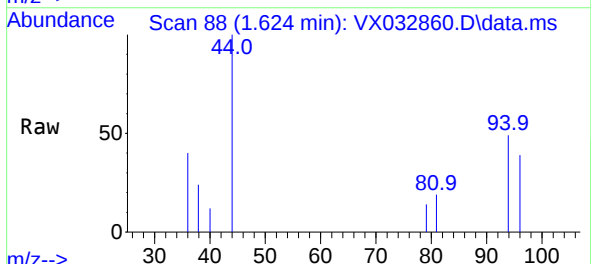


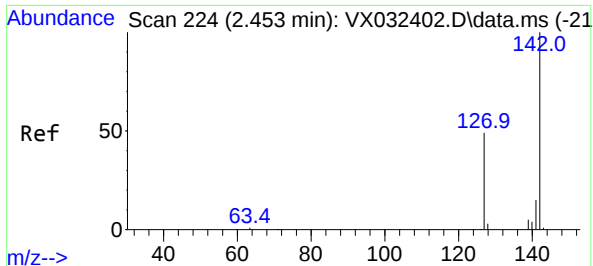
Tgt Ion:168 Resp: 110038
Ion Ratio Lower Upper
168 100
99 56.2 46.1 69.1



#5
Bromomethane
Concen: 0.310 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.018 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

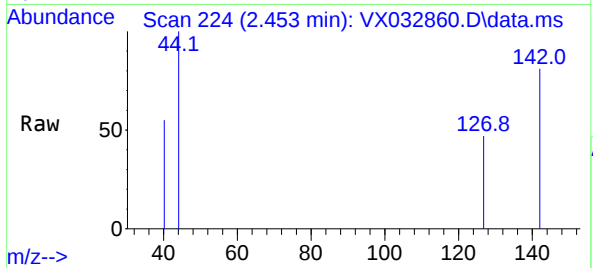
Tgt Ion: 94 Resp: 293
Ion Ratio Lower Upper
94 100
96 80.3 77.6 116.4



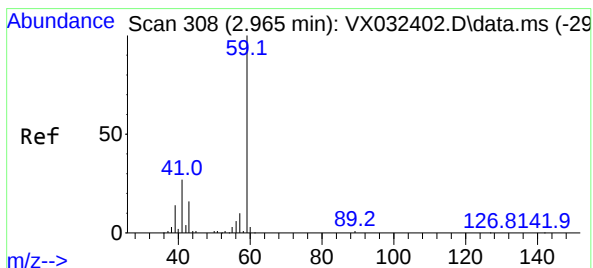
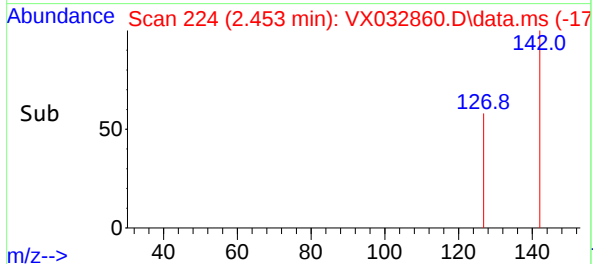
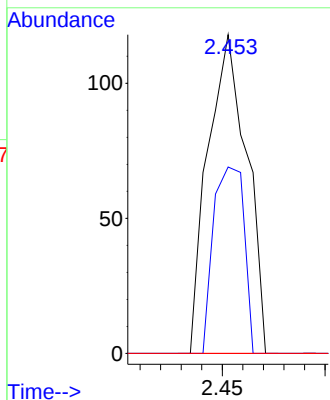


#10
Methyl Iodide
Concen: 2.030 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

Instrument :
MSVOA_X
ClientSampleId :

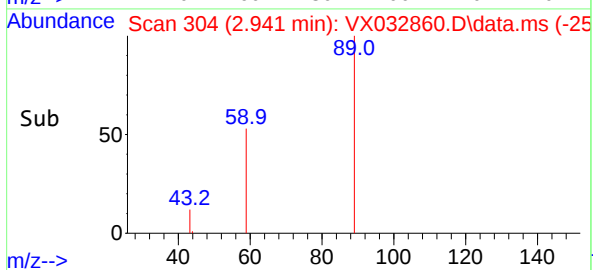
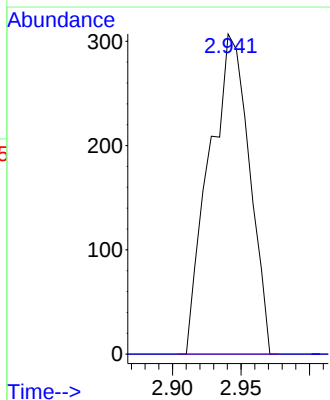
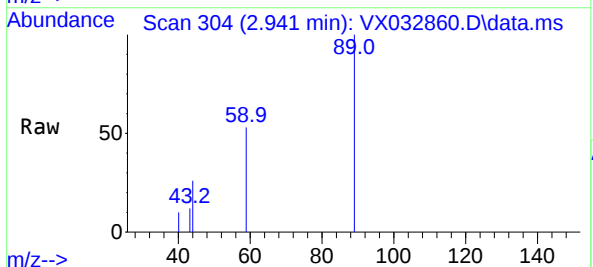


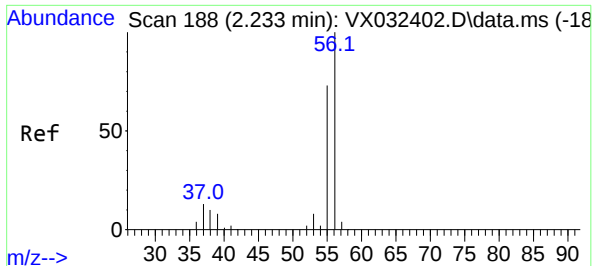
Tgt Ion:142 Resp: 155
Ion Ratio Lower Upper
142 100
127 45.8 38.6 57.8
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 2.813 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

Tgt Ion: 59 Resp: 626
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

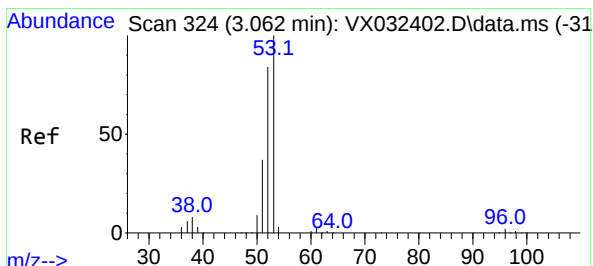
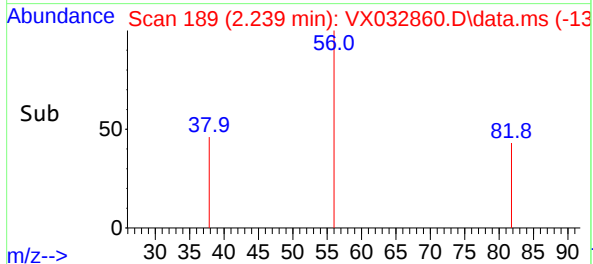
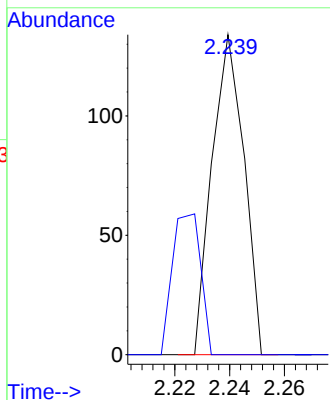
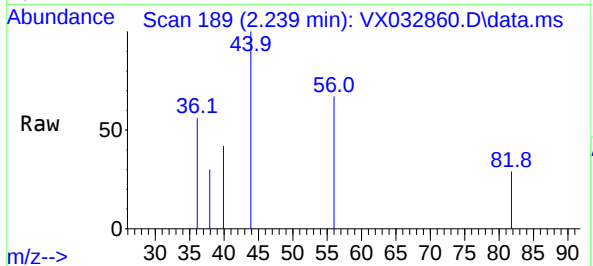




#13
Acrolein
Concen: 0.486 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

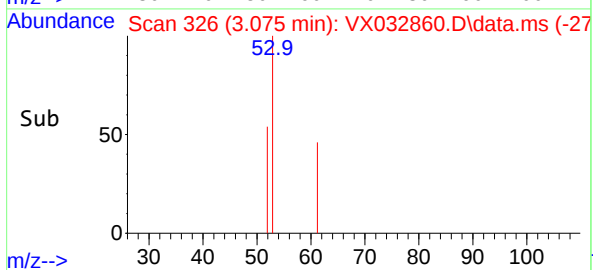
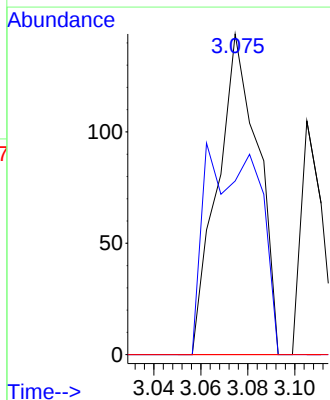
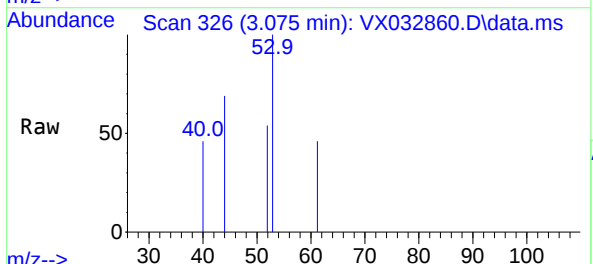
Instrument :
MSVOA_X
ClientSampleId :

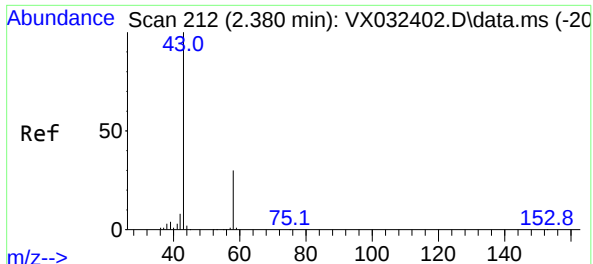
Tgt Ion: 56 Resp: 108
Ion Ratio Lower Upper
56 100
55 38.9 56.9 85.3#



#15
Acrylonitrile
Concen: 0.286 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.012 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

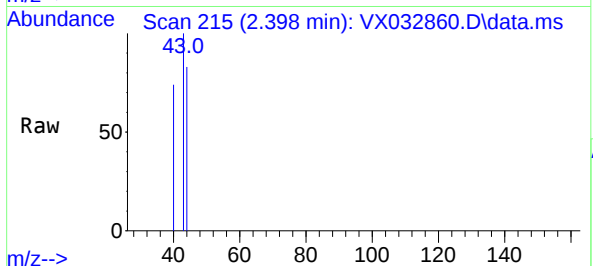
Tgt Ion: 53 Resp: 173
Ion Ratio Lower Upper
53 100
52 86.1 67.4 101.0
51 0.0 30.3 45.5#



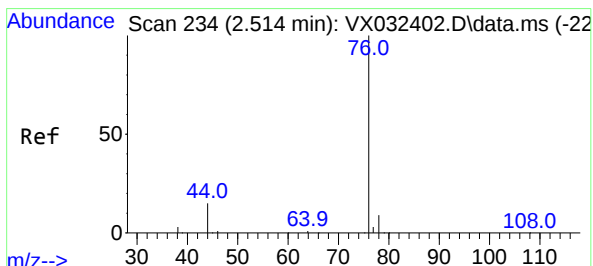
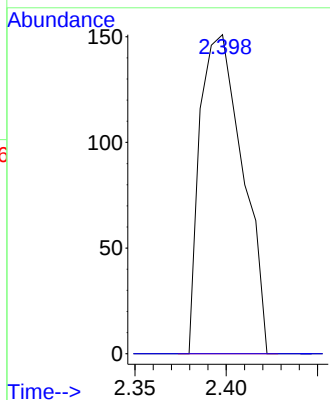
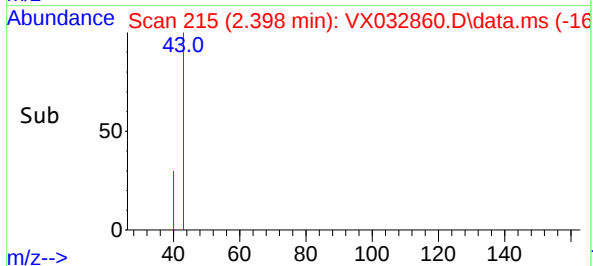


#16
Acetone
Concen: 0.443 ug/l
RT: 2.398 min Scan# 212
Delta R.T. 0.018 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

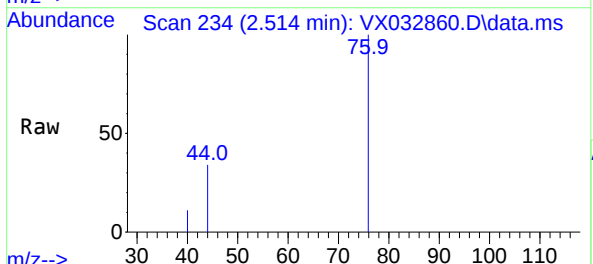
Instrument :
MSVOA_X
ClientSampleId :



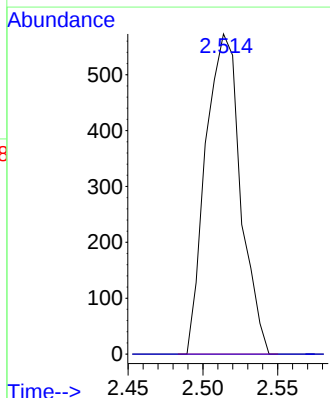
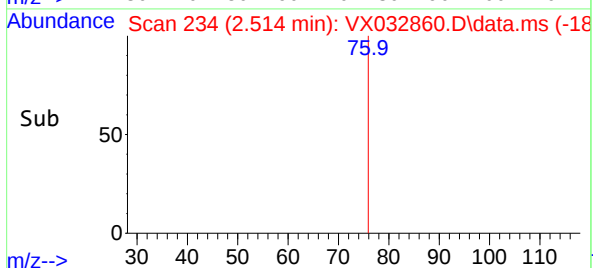
Tgt Ion: 43 Resp: 246
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

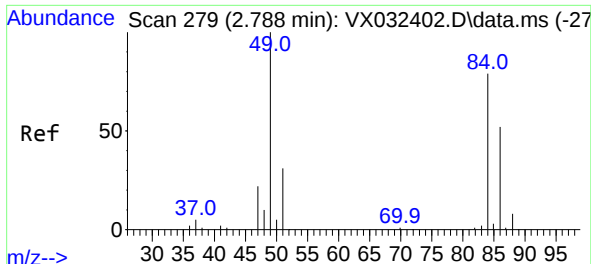


#17
Carbon Disulfide
Concen: 0.354 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07



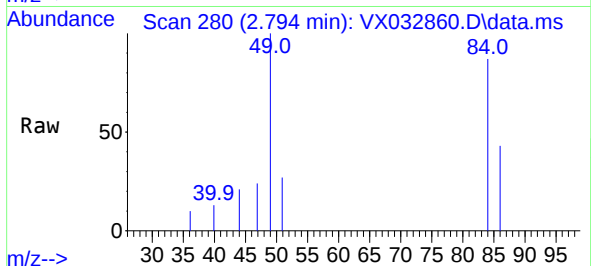
Tgt Ion: 76 Resp: 931
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





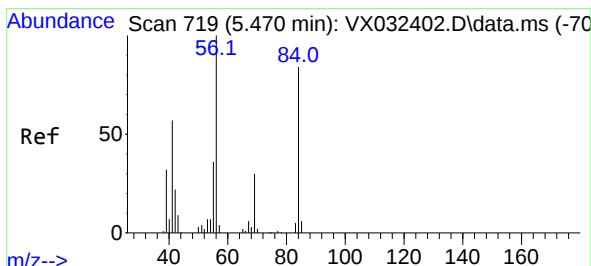
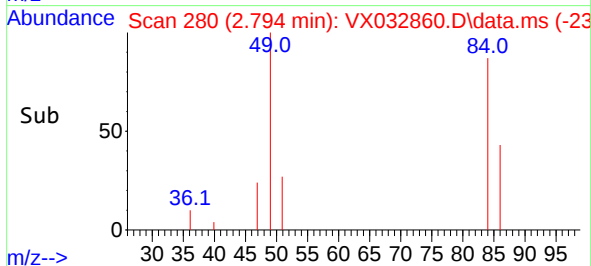
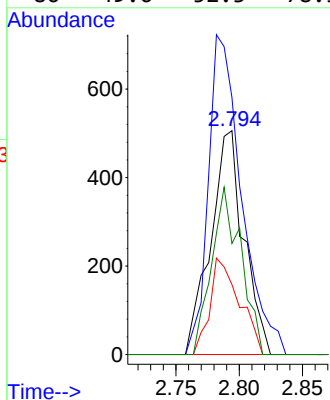
#20
Methylene Chloride
Concen: 0.727 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 926

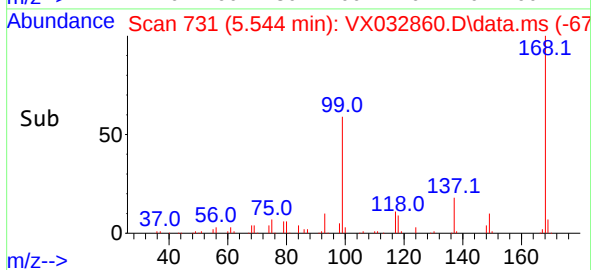
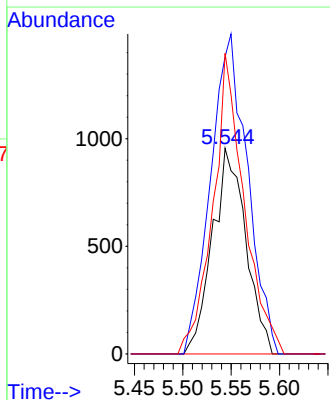
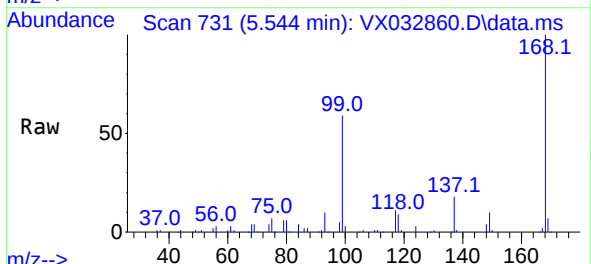
Ion	Ratio	Lower	Upper
84	100		
49	114.8	101.0	151.6
51	31.2	31.1	46.7
86	49.6	52.3	78.5#

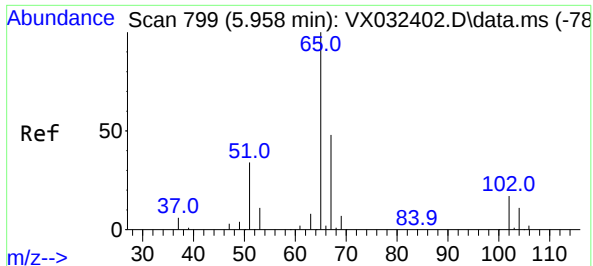


#31
Cyclohexane
Concen: 1.238 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

Tgt Ion: 56 Resp: 2295

Ion	Ratio	Lower	Upper
56	100		
69	144.6	24.1	36.1#
84	146.3	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 51.000 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX032860.D

Acq: 16 Nov 2022 12:07

Instrument :

MSVOA_X

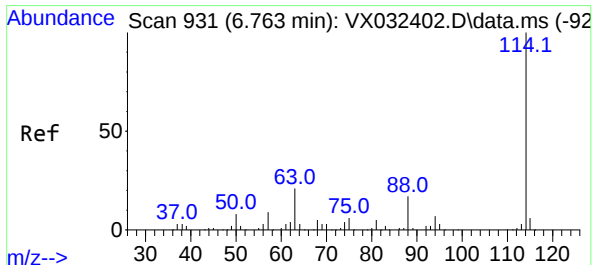
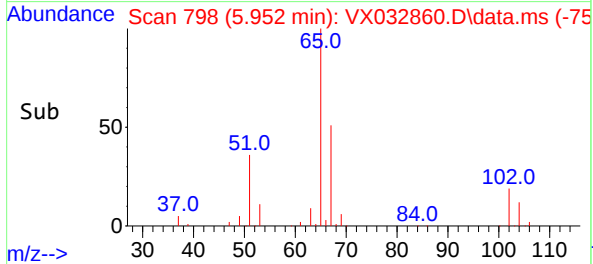
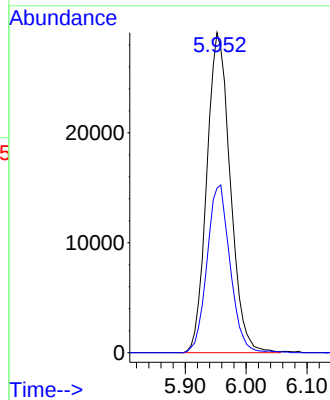
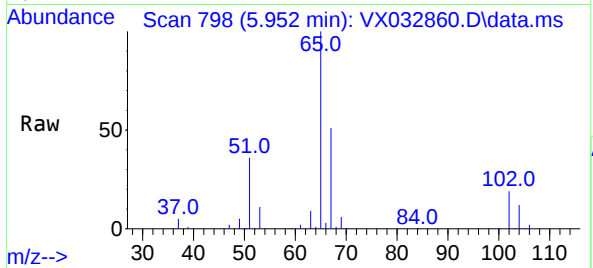
ClientSampleId :

Tgt Ion: 65 Resp: 77976

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX032860.D

Acq: 16 Nov 2022 12:07

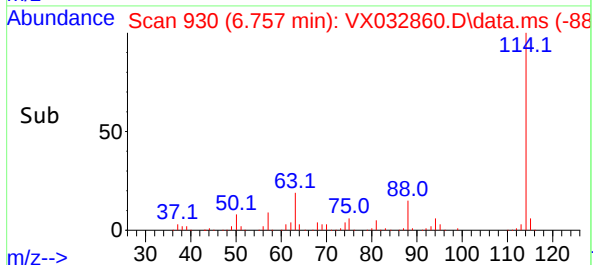
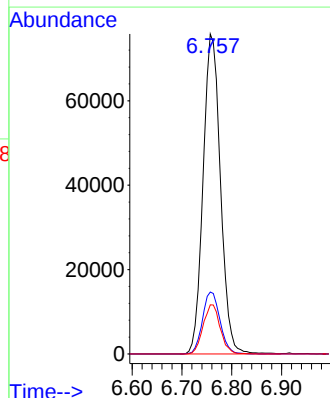
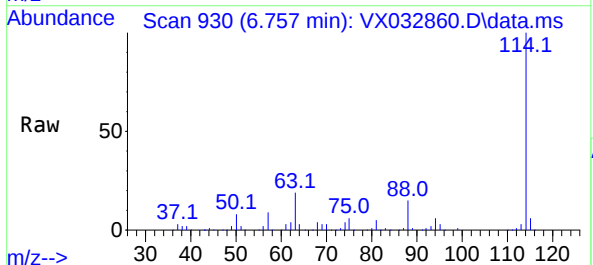
Tgt Ion: 114 Resp: 183409

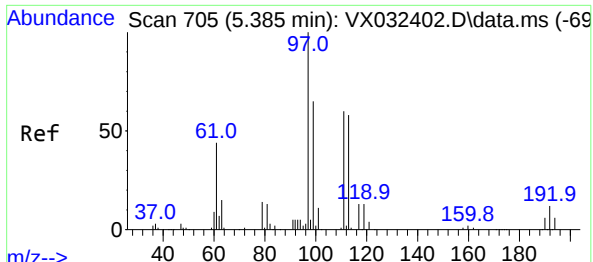
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.6

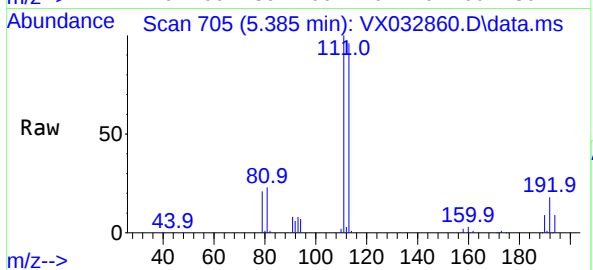
88 15.4 0.0 33.4



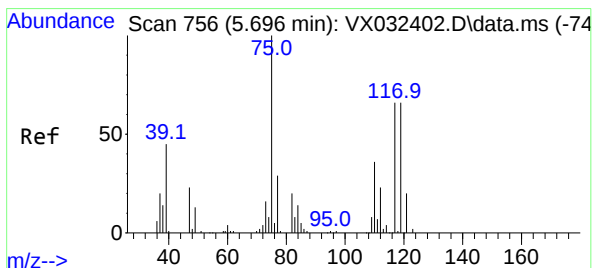
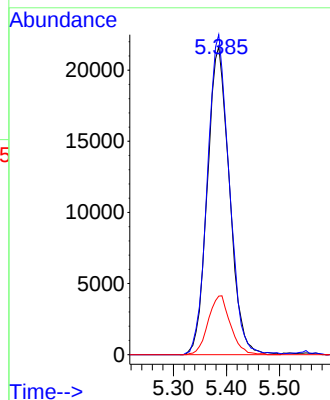
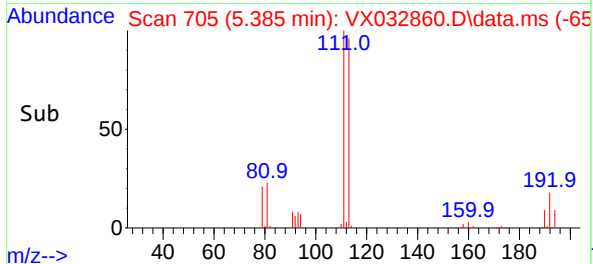


#35
Dibromofluoromethane
Concen: 47.871 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

Instrument :
MSVOA_X
ClientSampleId :

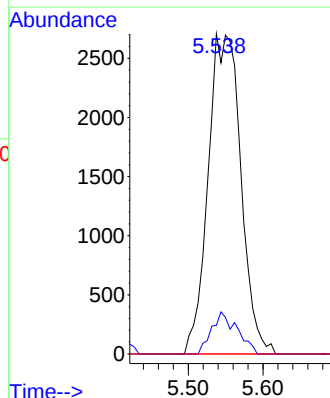
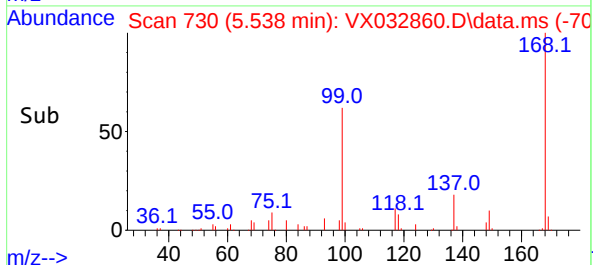
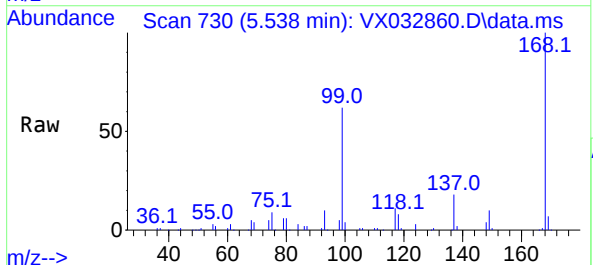


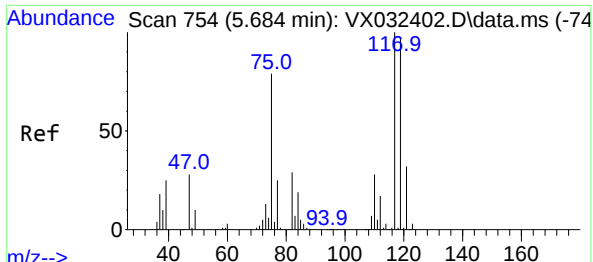
Tgt Ion:113 Resp: 62629
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 19.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.528 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.158 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

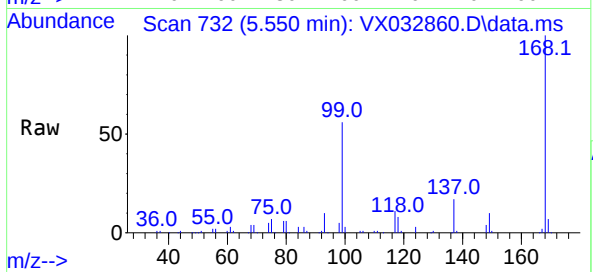
Tgt Ion: 75 Resp: 8250
Ion Ratio Lower Upper
75 100
110 10.2 18.4 55.2#
77 0.0 24.5 36.7#



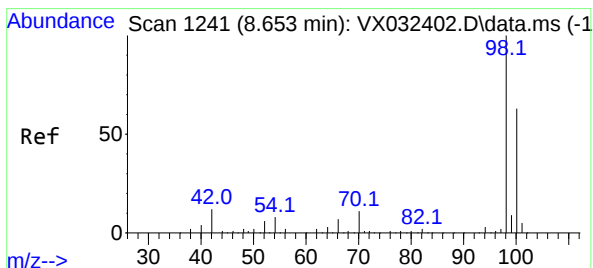
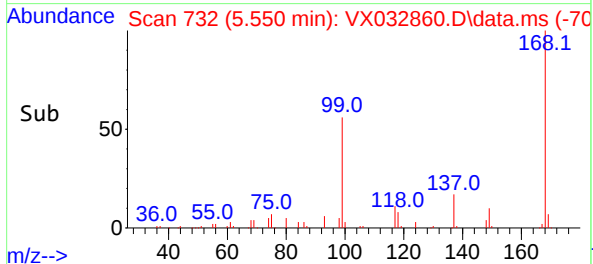
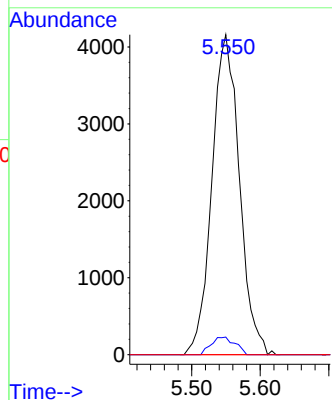


#38
Carbon Tetrachloride
Concen: 5.723 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

Instrument :
MSVOA_X
ClientSampleId :

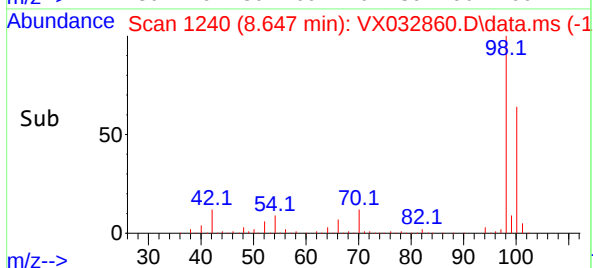
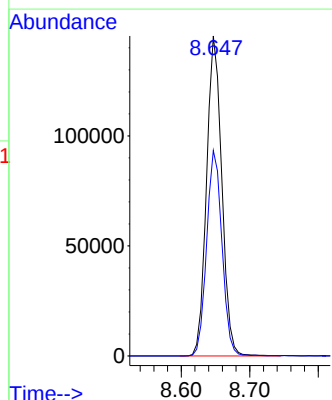
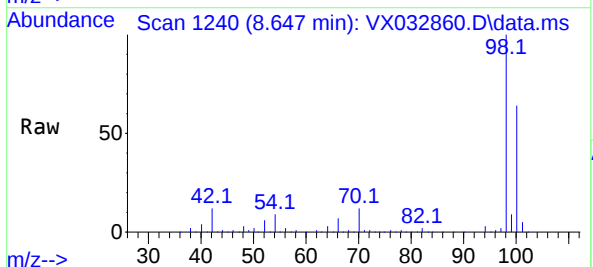


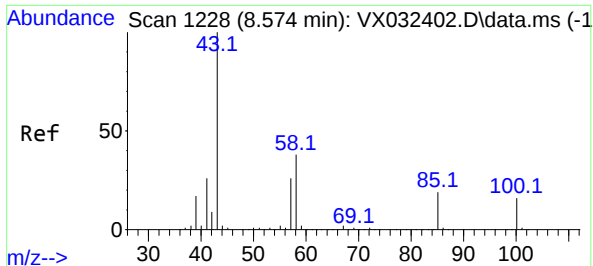
Tgt Ion:117 Resp: 11565
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.511 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

Tgt Ion: 98 Resp: 225234
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3

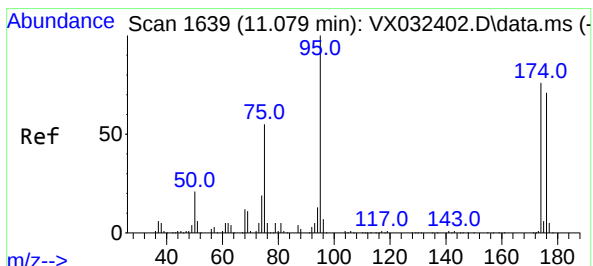
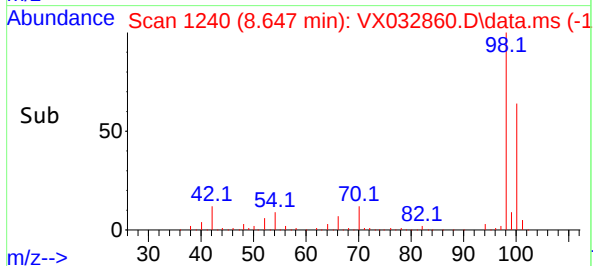
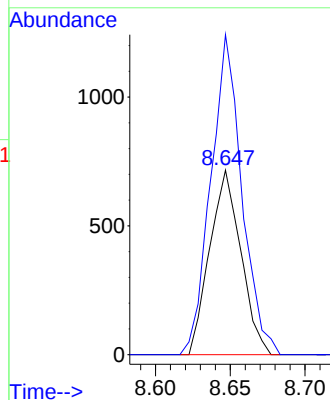
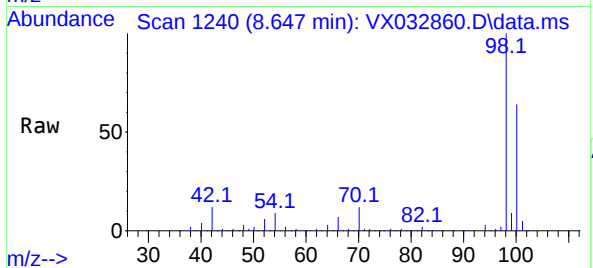




#51
4-Methyl-2-Pentanone
Concen: 0.567 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

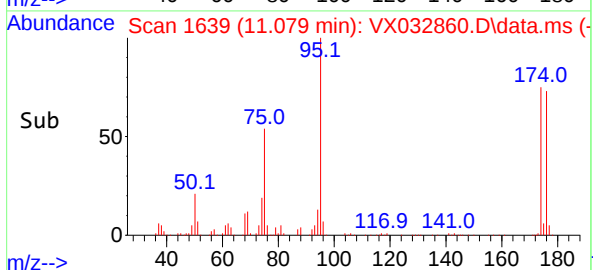
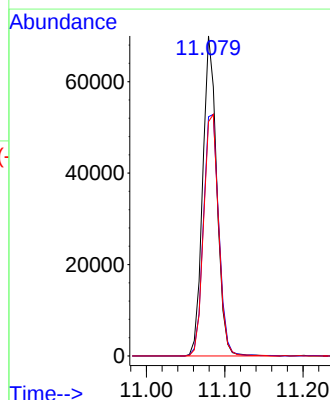
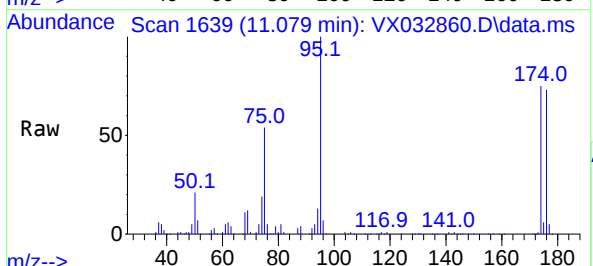
Instrument :
MSVOA_X
ClientSampleId :

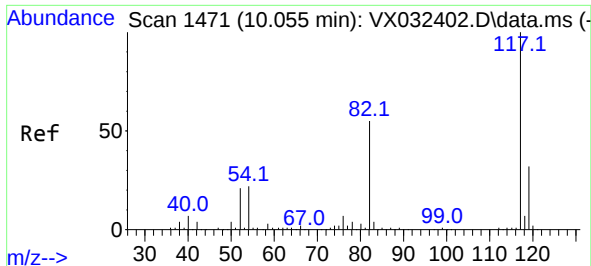
Tgt Ion: 43 Resp: 1039
Ion Ratio Lower Upper
43 100
58 172.6 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 49.162 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

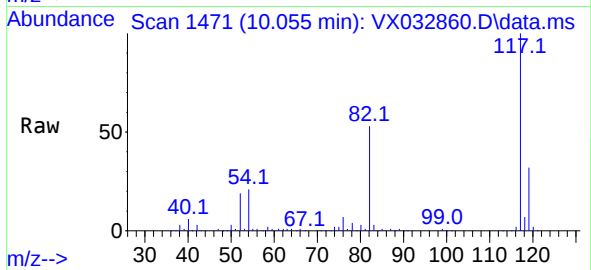
Tgt Ion: 95 Resp: 87361
Ion Ratio Lower Upper
95 100
174 82.2 0.0 164.0
176 80.0 0.0 154.4



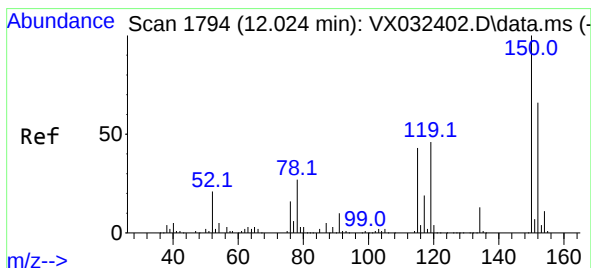
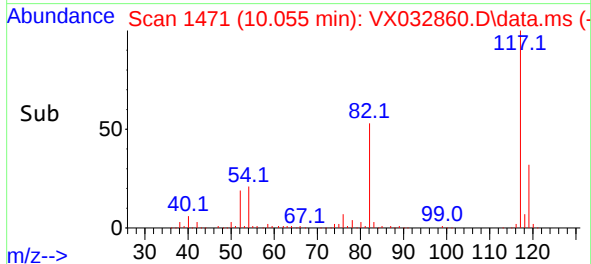
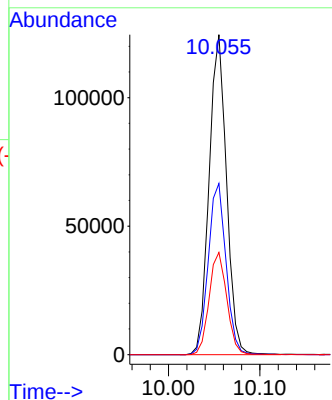


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

Instrument :
MSVOA_X
ClientSampleId :

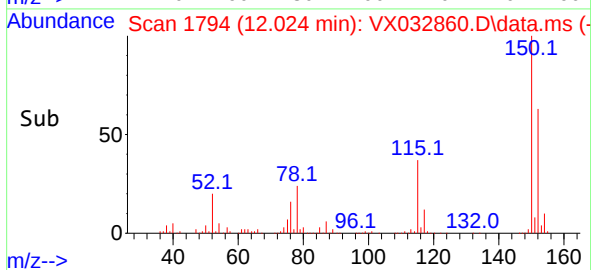
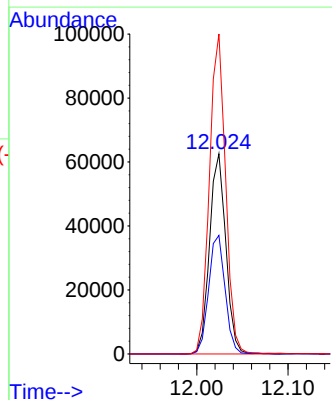
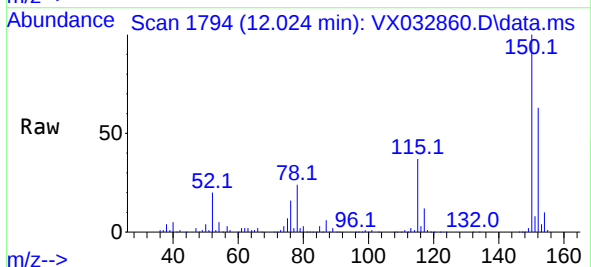


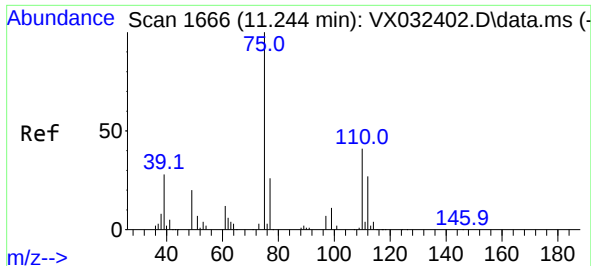
Tgt Ion:117 Resp: 164364
Ion Ratio Lower Upper
117 100
82 53.5 44.3 66.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

Tgt Ion:152 Resp: 77799
Ion Ratio Lower Upper
152 100
115 59.9 44.0 132.0
150 158.7 0.0 351.8

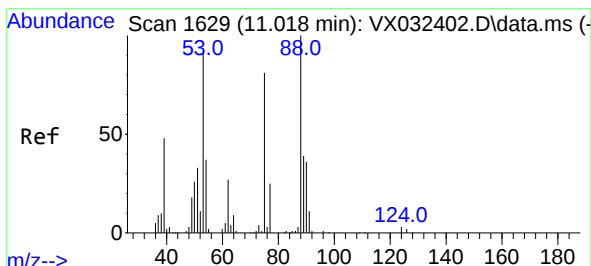
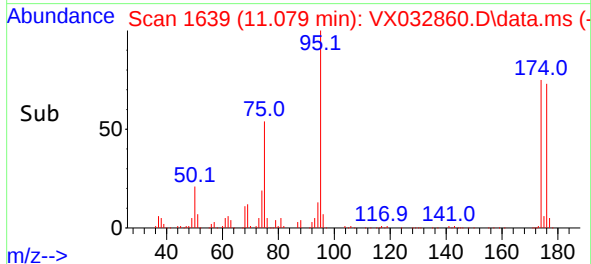
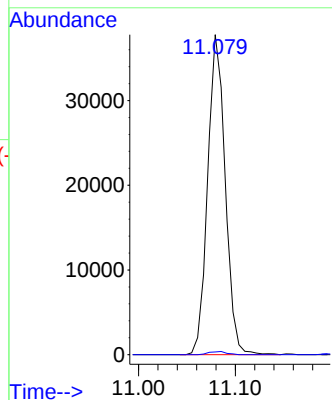
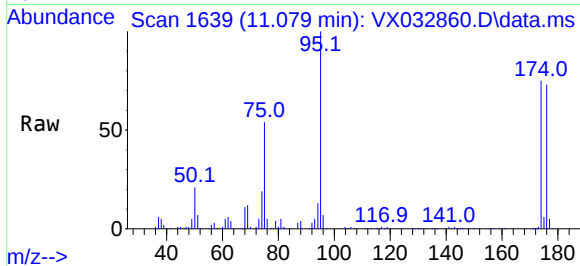




#76
1,2,3-Trichloropropane
Concen: 27.547 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

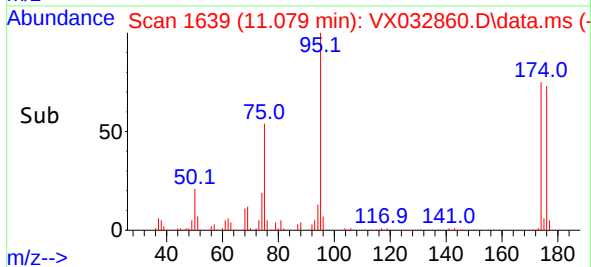
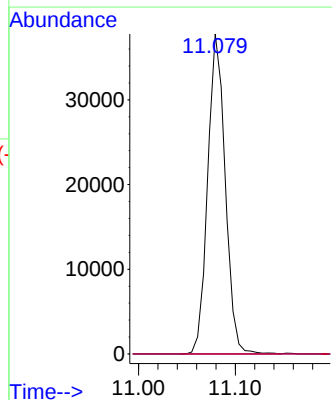
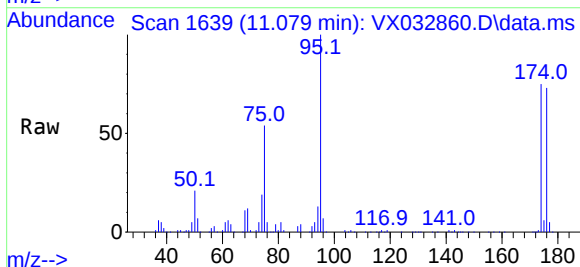
Instrument :
MSVOA_X
ClientSampleId :

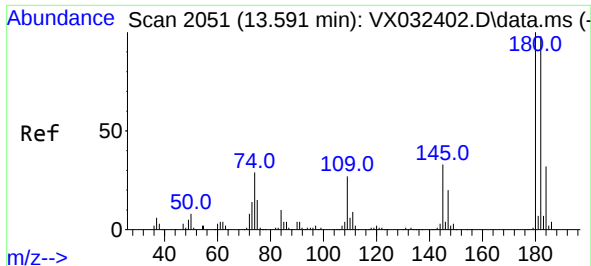
Tgt Ion: 75 Resp: 47680
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.656 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

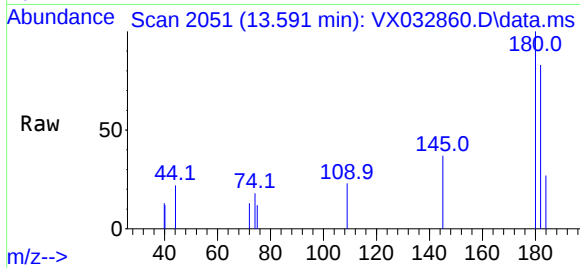
Tgt Ion: 75 Resp: 47680
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



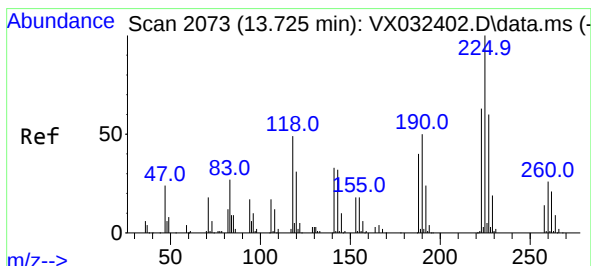
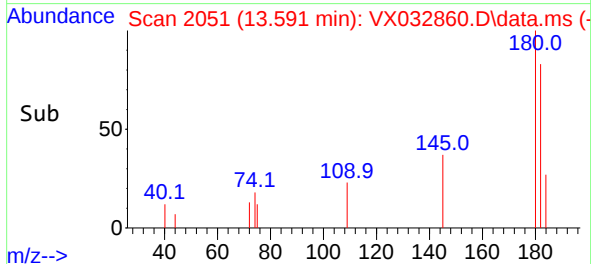
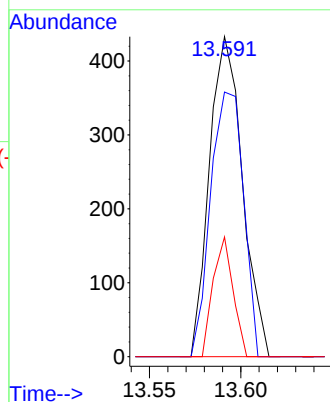


#93
 1,2,4-Trichlorobenzene
 Concen: 0.297 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX032860.D
 Acq: 16 Nov 2022 12:07

Instrument :
 MSVOA_X
 ClientSampleId :

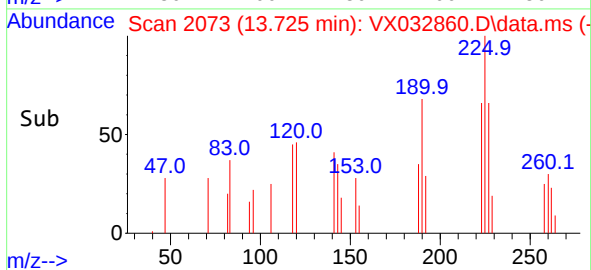
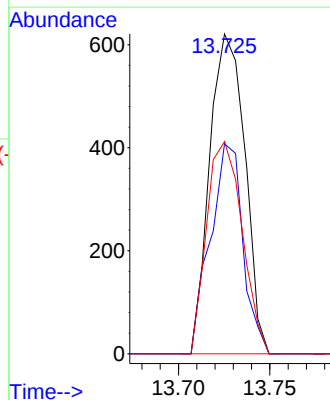
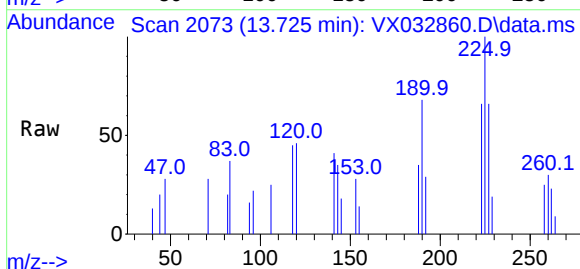


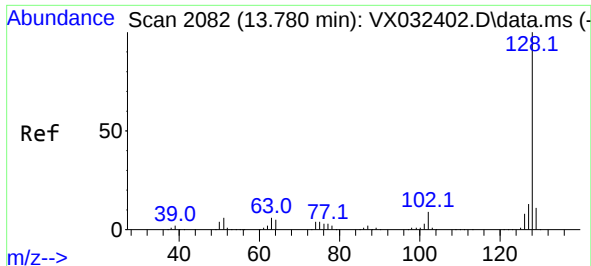
Tgt Ion:180 Resp: 544
 Ion Ratio Lower Upper
 180 100
 182 82.4 48.4 145.0
 145 22.6 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 1.088 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX032860.D
 Acq: 16 Nov 2022 12:07

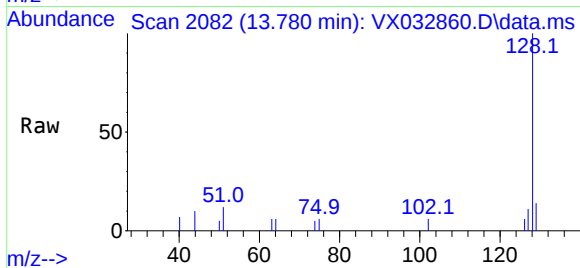
Tgt Ion:225 Resp: 833
 Ion Ratio Lower Upper
 225 100
 223 60.6 31.9 95.9
 227 66.9 31.9 95.5



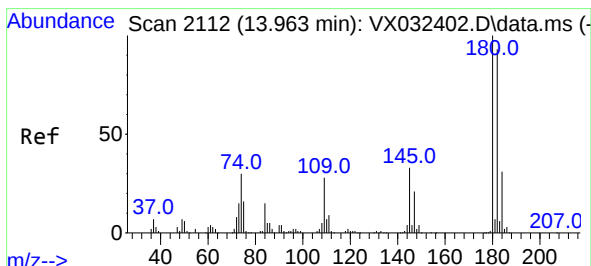
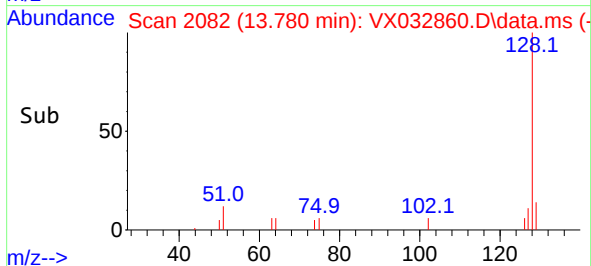
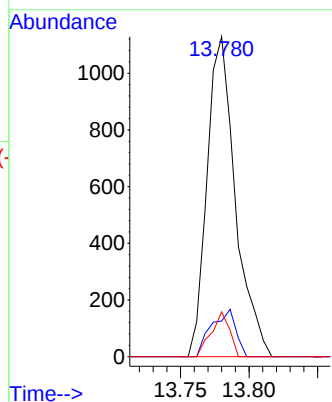


#95
Naphthalene
Concen: 0.266 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	1624
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	9.0	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 0.335 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX032860.D
Acq: 16 Nov 2022 12:07

Tgt Ion:	180	Resp:	625
Ion	Ratio	Lower	Upper
180	100		
182	82.6	47.5	142.6
145	31.5	16.9	50.6

