

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
 Data File : VX043489.D
 Acq On : 23 Oct 2024 15:50
 Operator : JC/MD
 Sample : VX1023WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 06:06:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 04:54:33 2024
 Response via : Initial Calibration

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

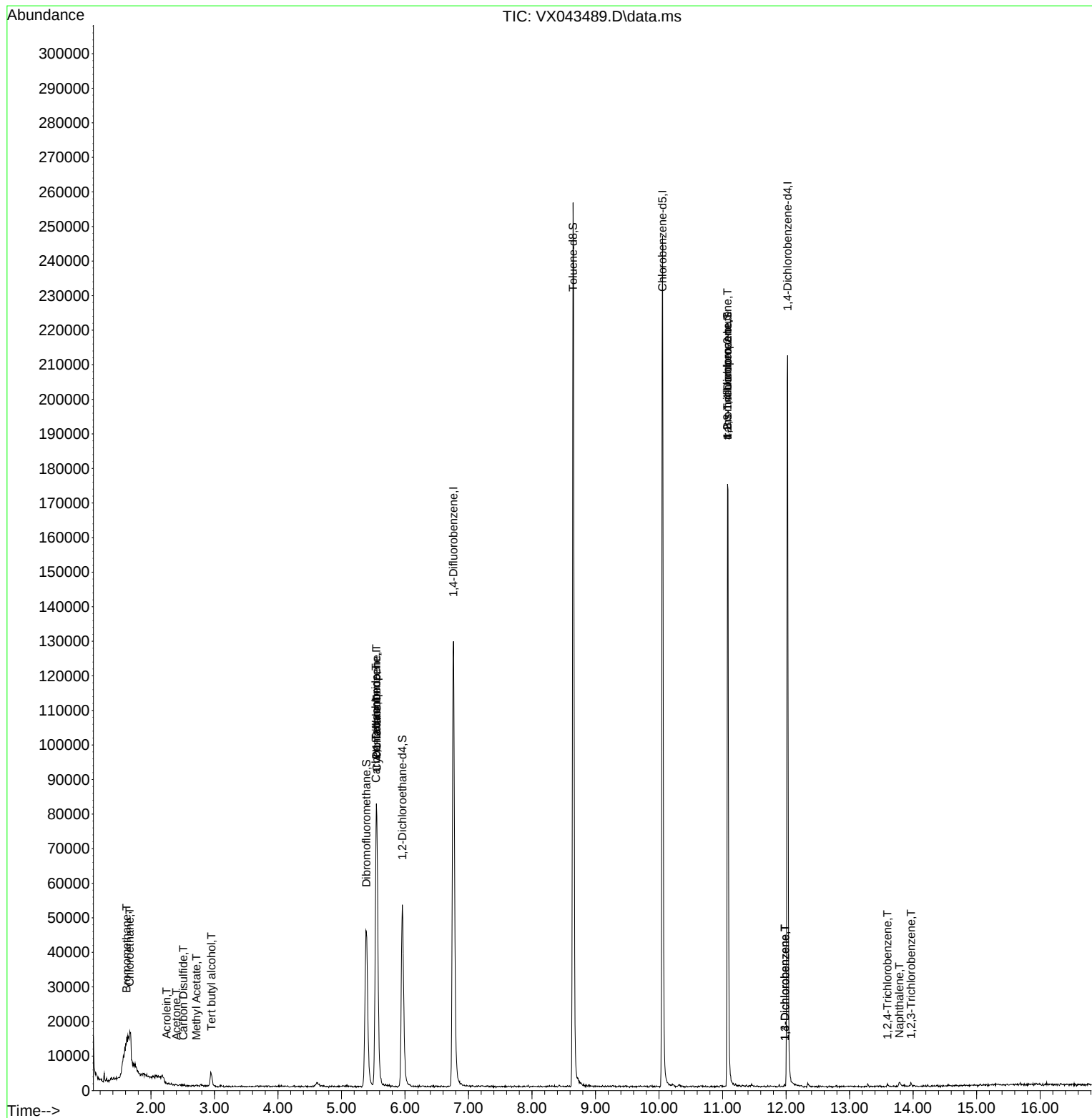
Internal Standards						
1) Pentafluorobenzene	5.550	168	74778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	135907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	53012	41.322	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.640%
35) Dibromofluoromethane	5.391	113	42592	45.561	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.120%
50) Toluene-d8	8.647	98	159809	48.702	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.400%
62) 4-Bromofluorobenzene	11.079	95	52063	41.544	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	83.080%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	343	0.793	ug/l #	79
6) Chloroethane	1.666	64	213	0.494	ug/l #	42
11) Tert butyl alcohol	2.953	59	2355	12.886	ug/l #	70
13) Acrolein	2.245	56	162	0.871	ug/l #	67
16) Acetone	2.398	43	418	0.875	ug/l #	46
17) Carbon Disulfide	2.508	76	428	0.246	ug/l #	78
18) Methyl Acetate	2.715	43	290	0.219	ug/l #	51
31) Cyclohexane	5.556	56	1933	1.471	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	6564	5.929	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8276	6.839	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	27455	29.730	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	27455	109.797	ug/l #	3
87) 1,3-Dichlorobenzene	11.981	146	369	0.231	ug/l	69
88) 1,4-Dichlorobenzene	11.981	146	369	0.226	ug/l	69
93) 1,2,4-Trichlorobenzene	13.597	180	300	0.331	ug/l #	47
95) Naphthalene	13.786	128	1410	0.500	ug/l #	86
96) 1,2,3-Trichlorobenzene	13.969	180	419	0.467	ug/l #	90

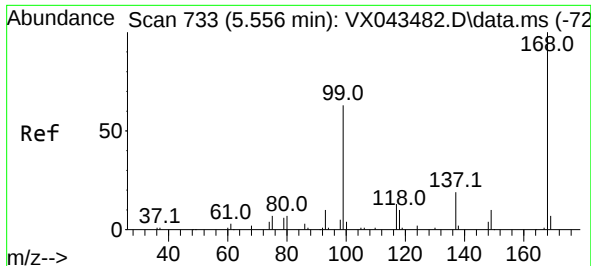
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 24 06:06:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration

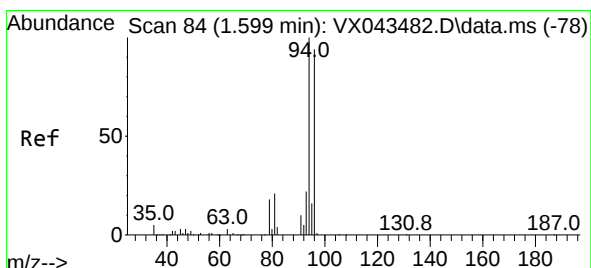
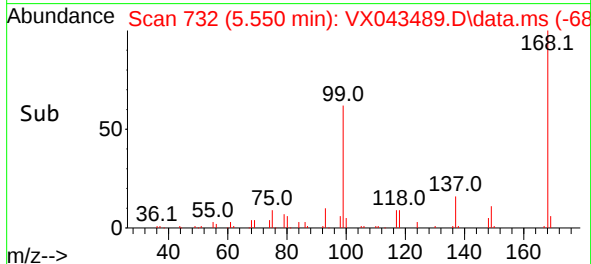
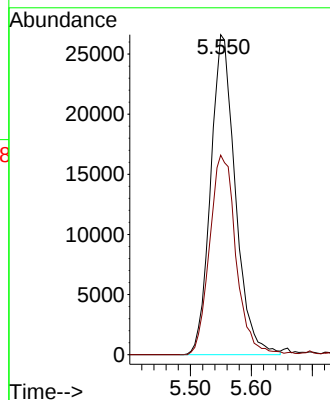
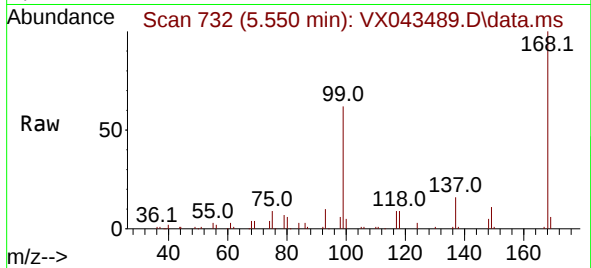




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

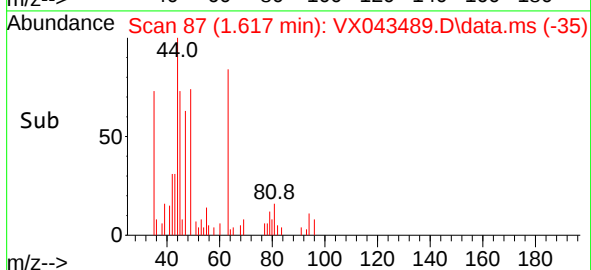
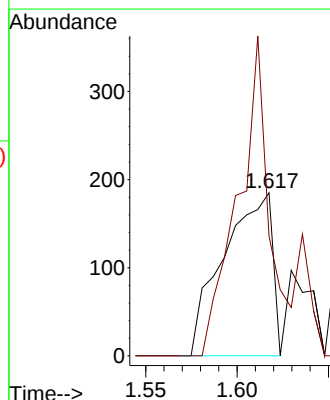
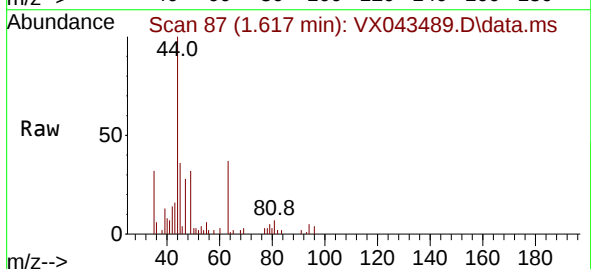
Instrument :
MSVOA_X
ClientSampleId :

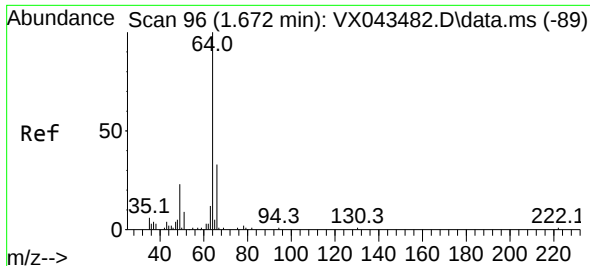
Tgt Ion:168 Resp: 74778
Ion Ratio Lower Upper
168 100
99 62.4 50.7 76.1



#5
Bromomethane
Concen: 0.793 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

Tgt Ion: 94 Resp: 343
Ion Ratio Lower Upper
94 100
96 73.5 75.2 112.8#

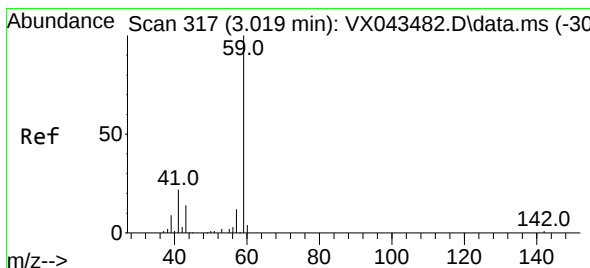
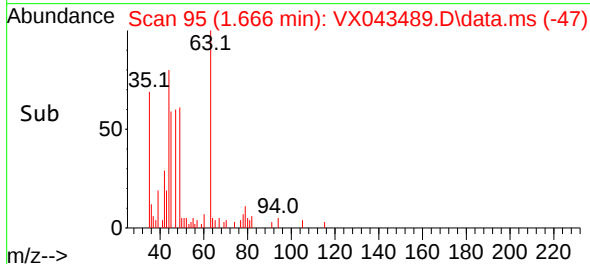
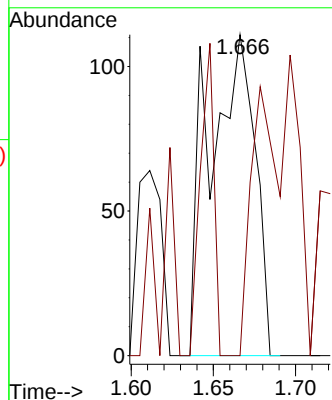
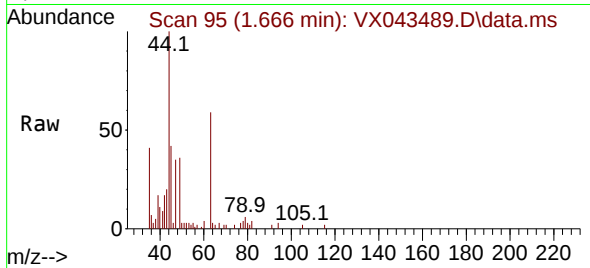




#6
Chloroethane
Concen: 0.494 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

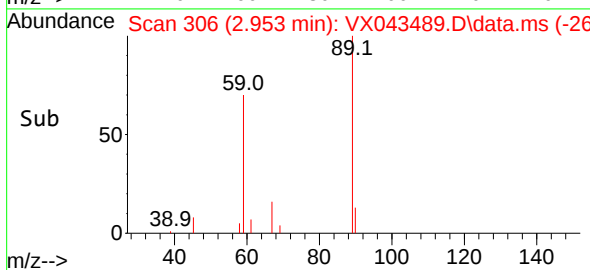
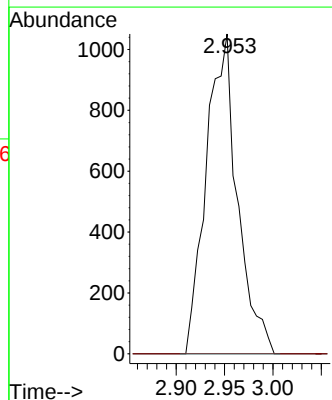
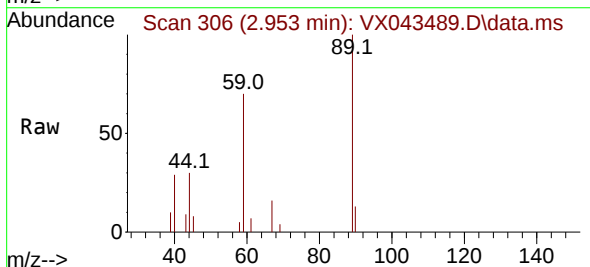
Instrument :
MSVOA_X
ClientSampleId :

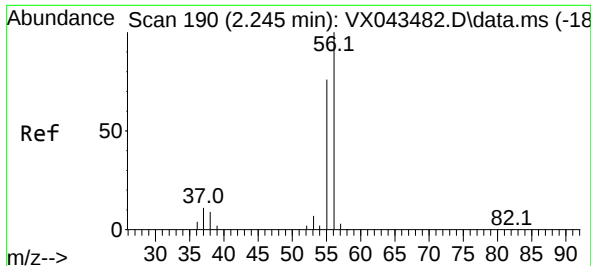
Tgt Ion: 64 Resp: 213
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 12.886 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.067 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

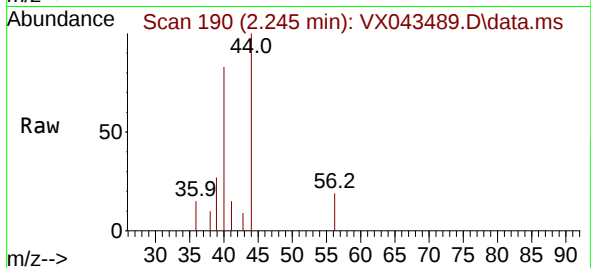
Tgt Ion: 59 Resp: 2355
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#



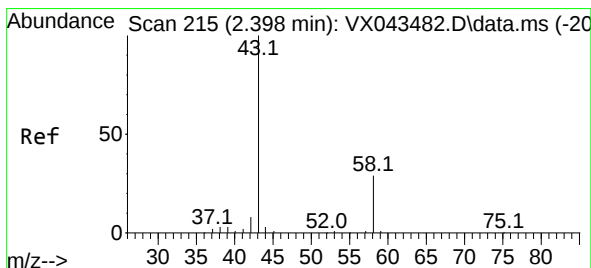
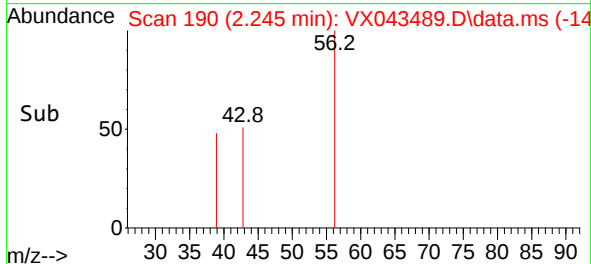
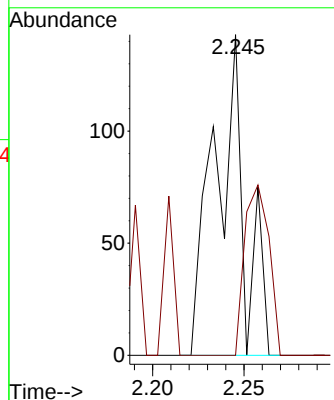


#13
Acrolein
Concen: 0.871 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.000 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :

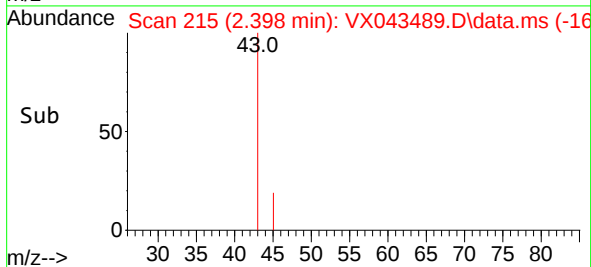
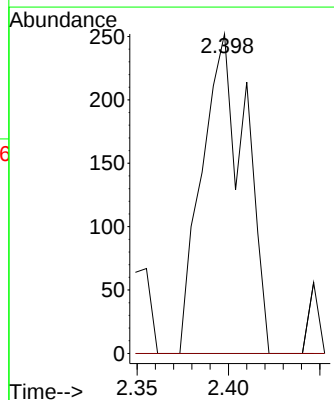
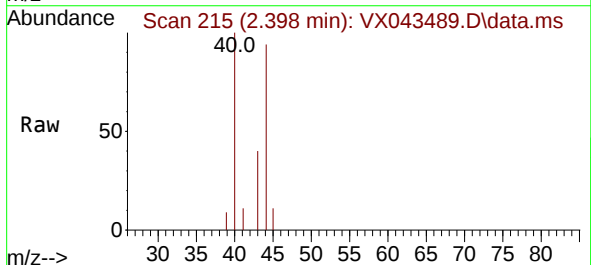


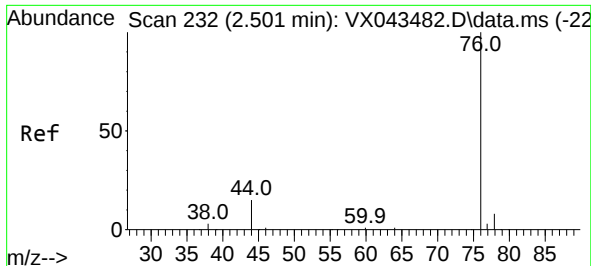
Tgt Ion: 56 Resp: 162
Ion Ratio Lower Upper
56 100
55 43.8 56.6 85.0#



#16
Acetone
Concen: 0.875 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

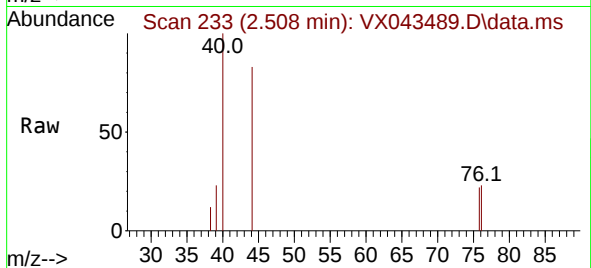
Tgt Ion: 43 Resp: 418
Ion Ratio Lower Upper
43 100
58 0.0 23.3 34.9#



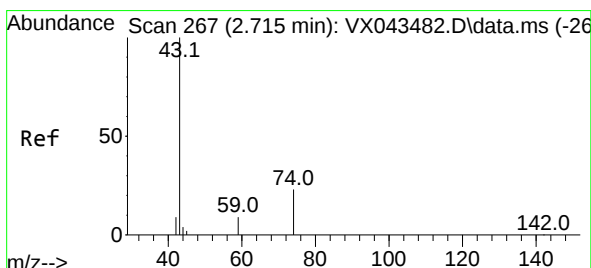
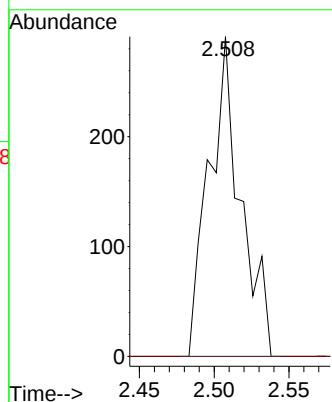
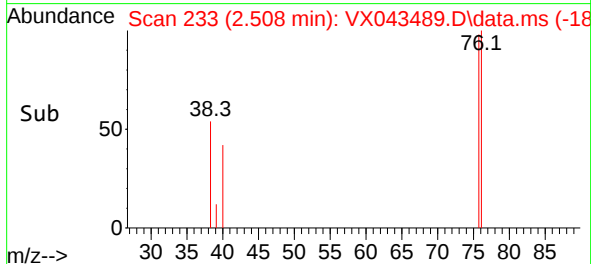


#17
Carbon Disulfide
Concen: 0.246 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :

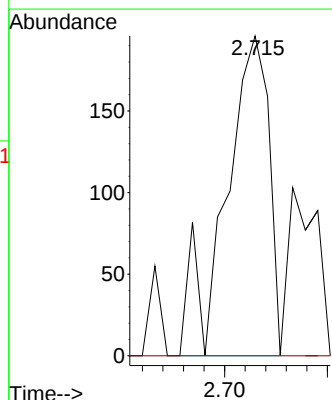
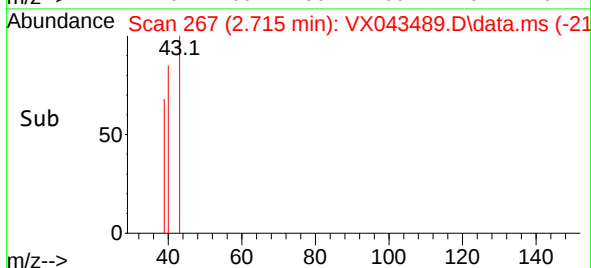
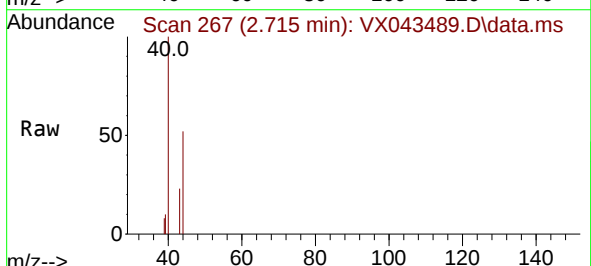


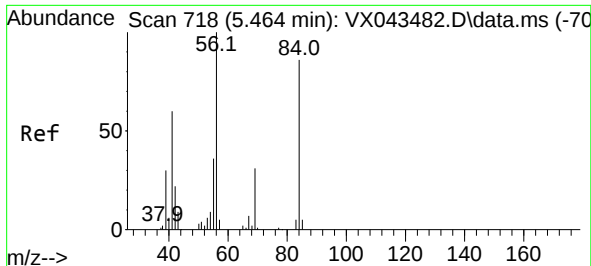
Tgt Ion: 76 Resp: 428
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#18
Methyl Acetate
Concen: 0.219 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

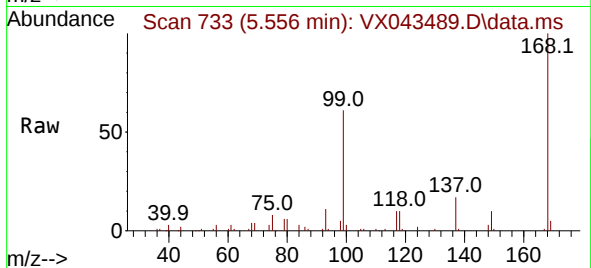
Tgt Ion: 43 Resp: 290
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



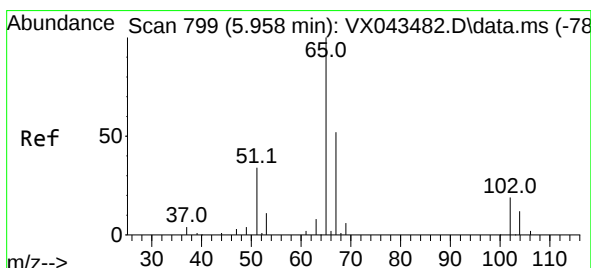
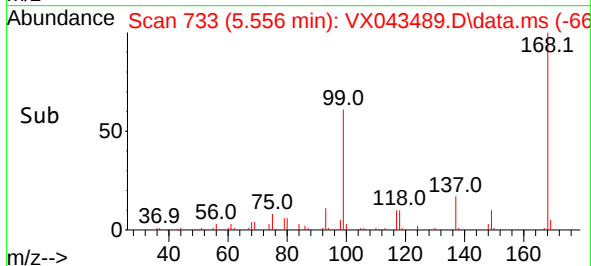
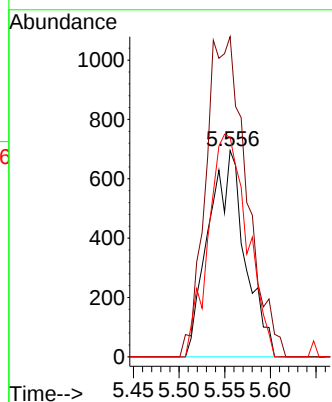


#31
Cyclohexane
Concen: 1.471 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :

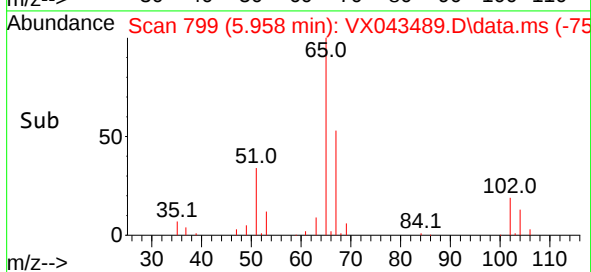
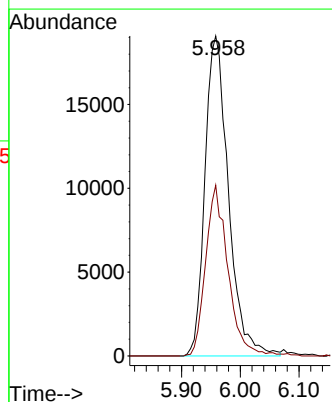
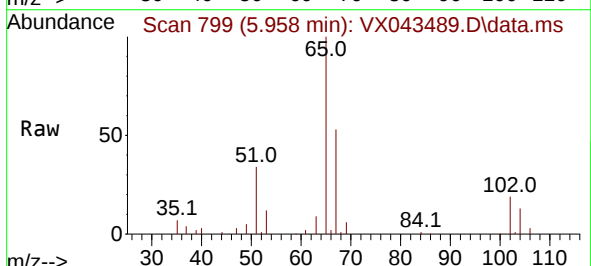


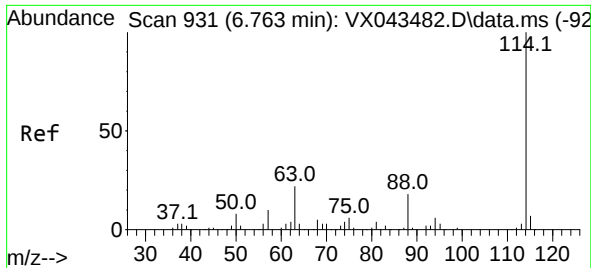
Tgt Ion: 56 Resp: 1933
Ion Ratio Lower Upper
56 100
69 155.3 24.6 36.8#
84 106.5 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 41.322 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

Tgt Ion: 65 Resp: 53012
Ion Ratio Lower Upper
65 100
67 50.8 0.0 98.4

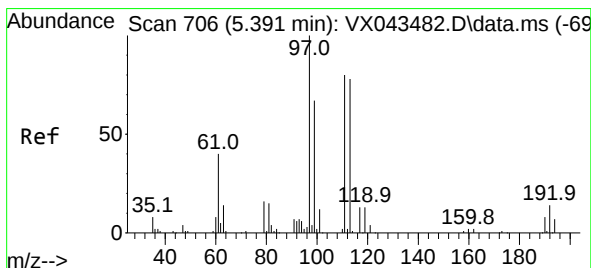
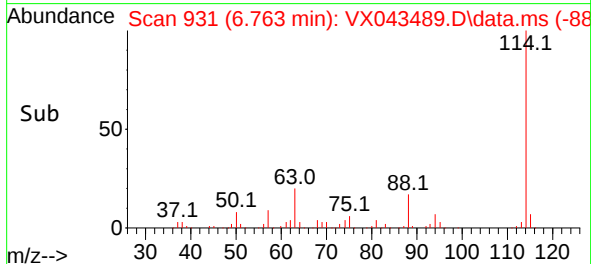
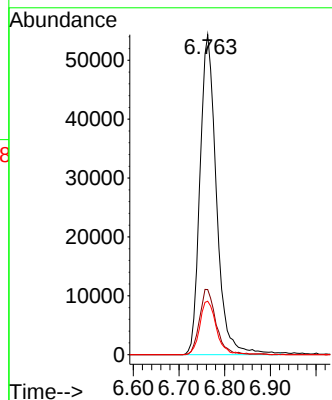
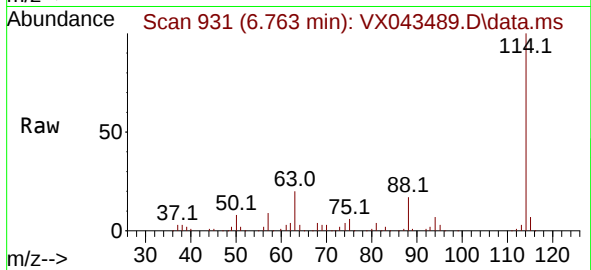




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

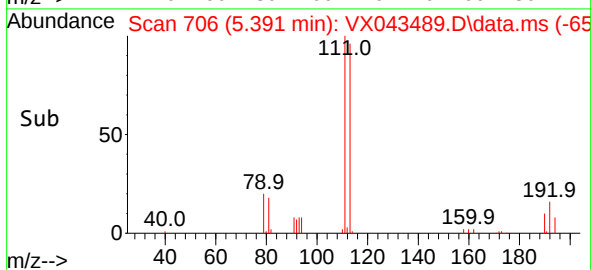
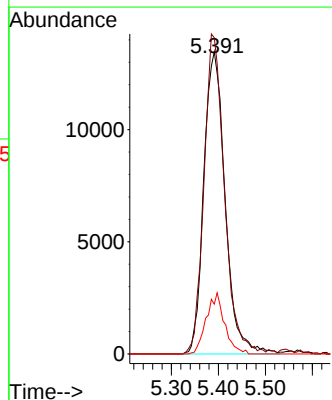
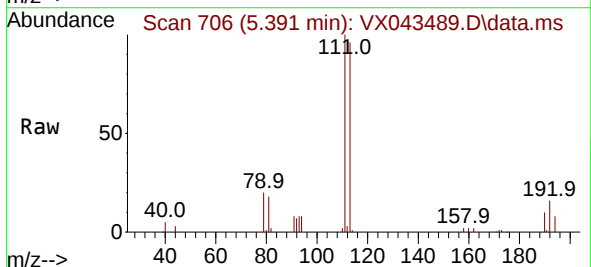
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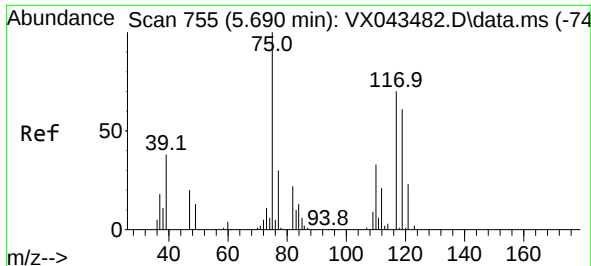
Tgt Ion:114 Resp: 135907
Ion Ratio Lower Upper
114 100
63 20.3 0.0 44.0
88 16.7 0.0 35.2



#35
Dibromofluoromethane
Concen: 45.561 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

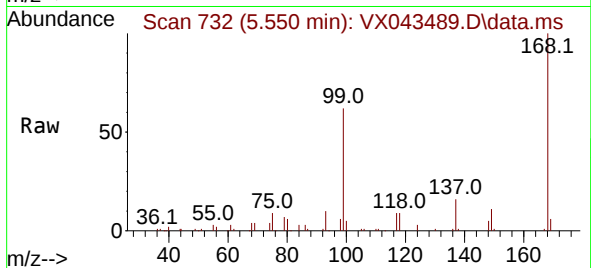
Tgt Ion:113 Resp: 42592
Ion Ratio Lower Upper
113 100
111 100.7 82.1 123.1
192 17.2 13.8 20.8



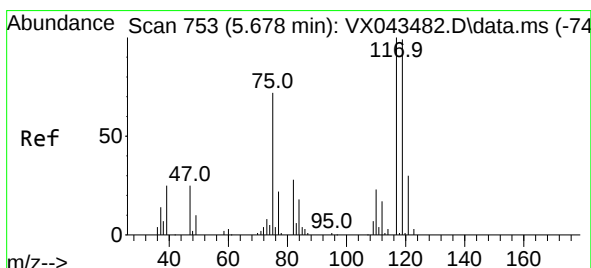
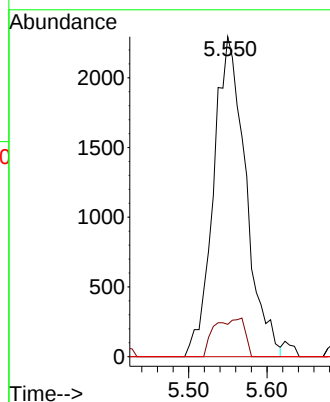
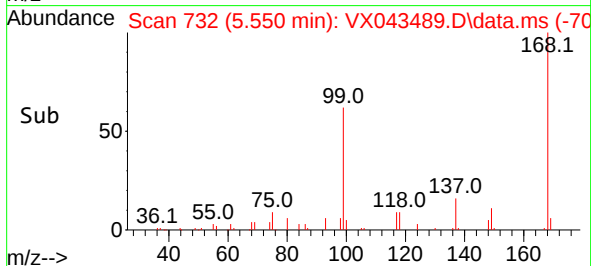


#36
1,1-Dichloropropene
Concen: 5.929 ug/l
RT: 5.550 min Scan# 710
Delta R.T. -0.140 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :

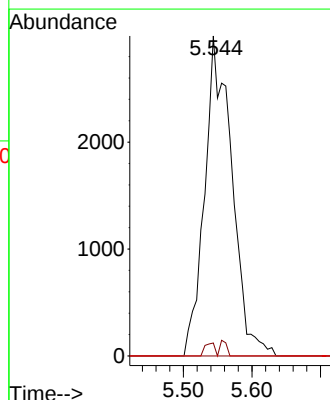
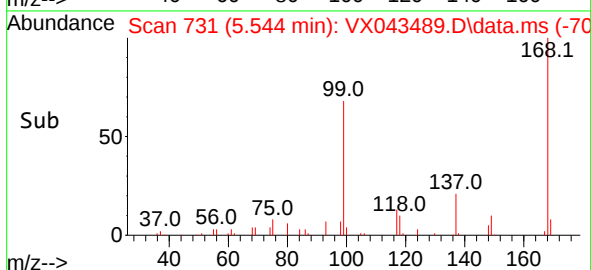
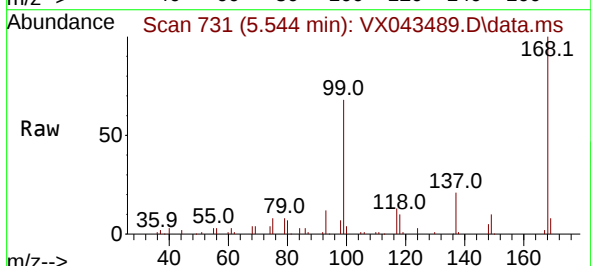


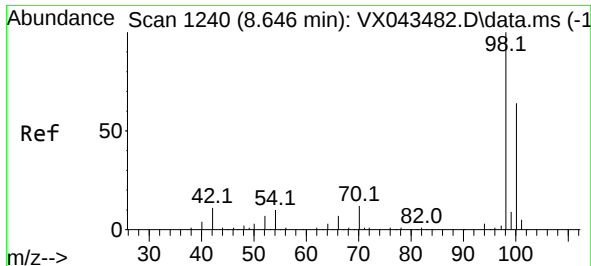
Tgt Ion: 75 Resp: 6564
Ion Ratio Lower Upper
75 100
110 11.2 17.8 53.5#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.839 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

Tgt Ion: 117 Resp: 8276
Ion Ratio Lower Upper
117 100
119 4.0 78.6 117.8#
121 0.0 23.6 35.4#

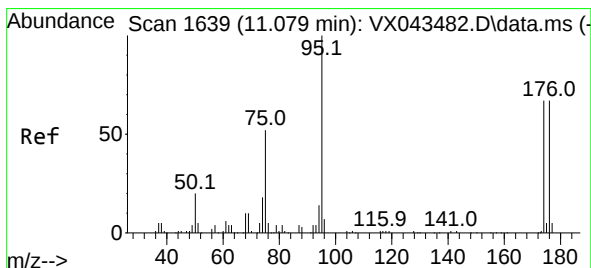
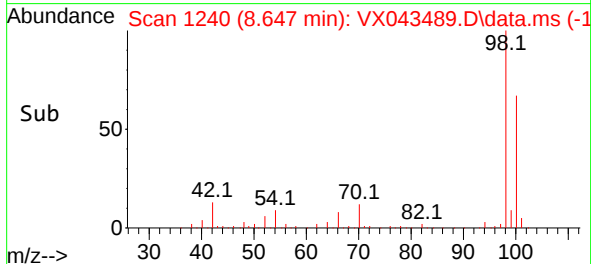
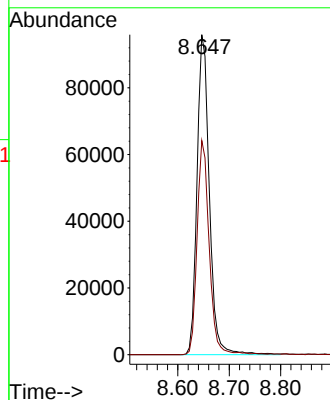
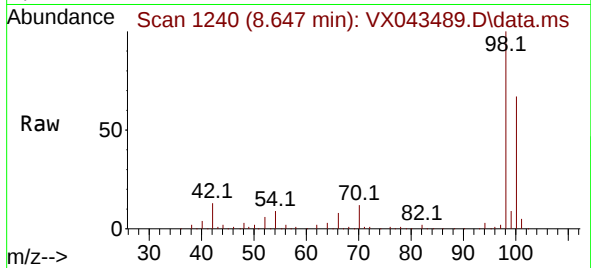




#50
Toluene-d8
Concen: 48.702 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

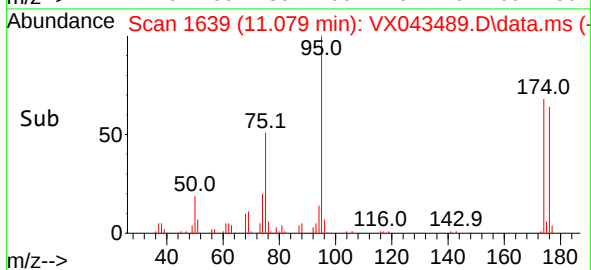
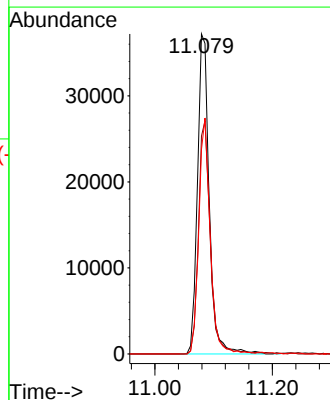
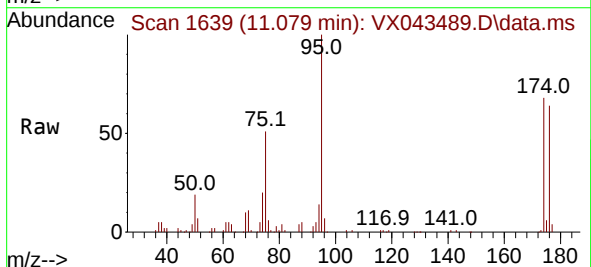
Instrument :
MSVOA_X
ClientSampleId :

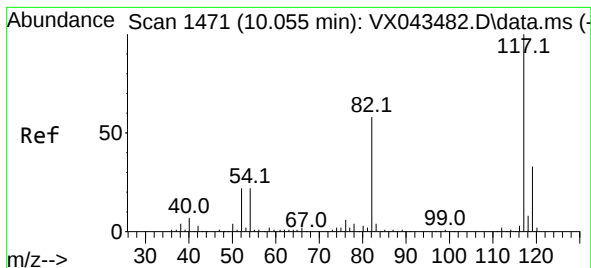
Tgt Ion: 98 Resp: 159809
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 41.544 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

Tgt Ion: 95 Resp: 52063
Ion Ratio Lower Upper
95 100
174 71.8 0.0 148.6
176 71.3 0.0 142.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043489.D

Acq: 23 Oct 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

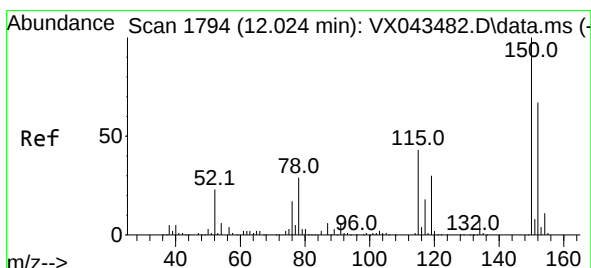
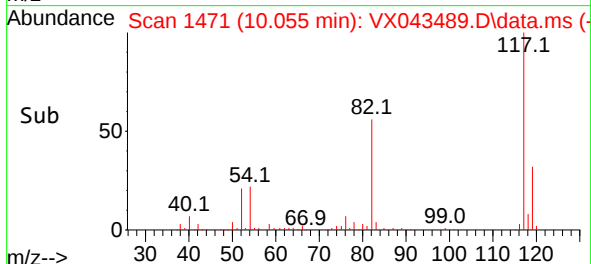
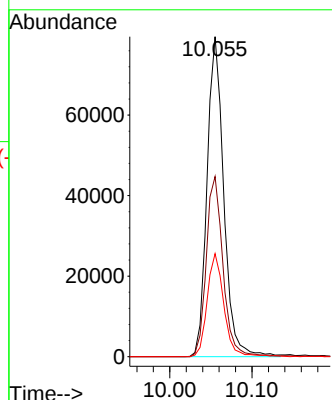
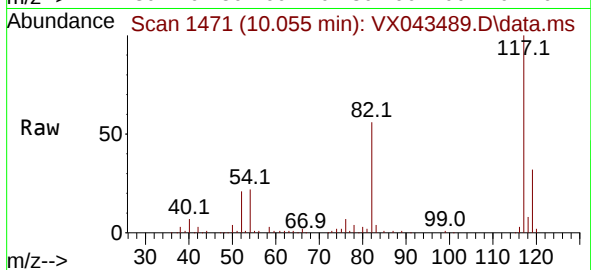
Tgt Ion:117 Resp: 112394

Ion Ratio Lower Upper

117 100

82 56.3 46.0 69.0

119 32.2 26.2 39.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX043489.D

Acq: 23 Oct 2024 15:50

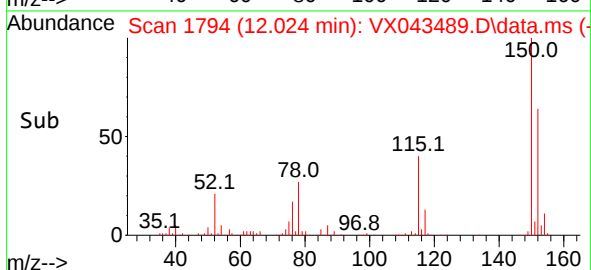
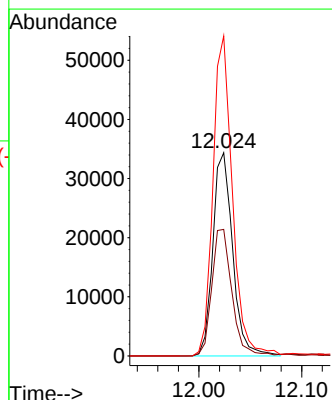
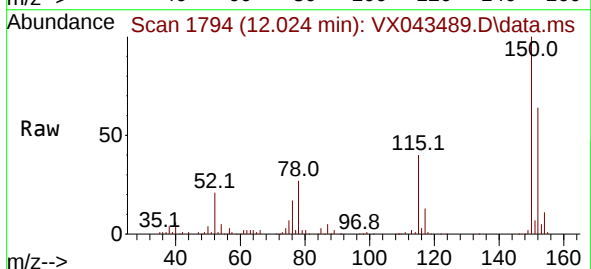
Tgt Ion:152 Resp: 46043

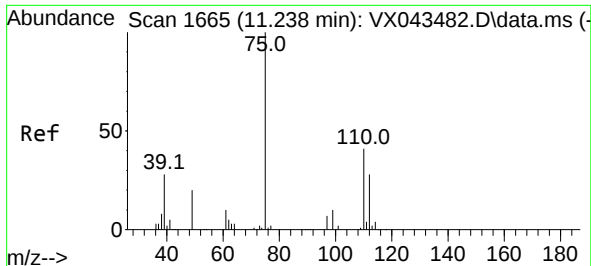
Ion Ratio Lower Upper

152 100

115 63.2 43.4 130.2

150 154.5 0.0 337.2

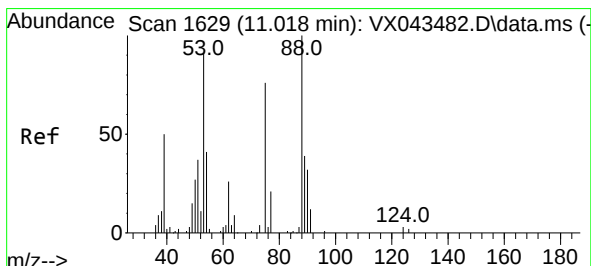
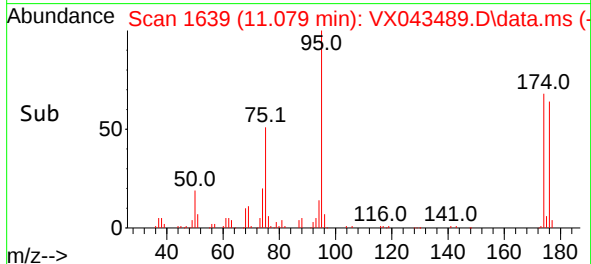
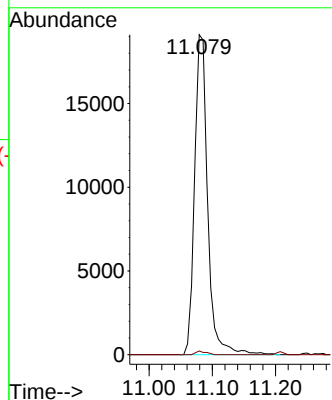
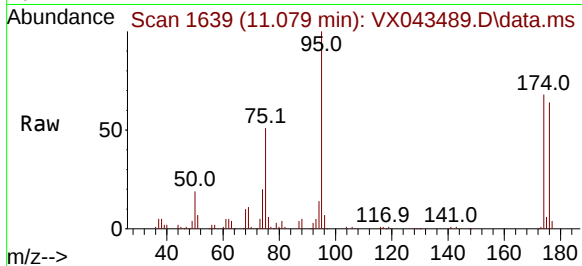




#76
1,2,3-Trichloropropane
Concen: 29.730 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

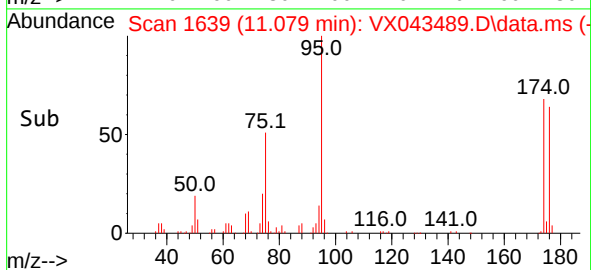
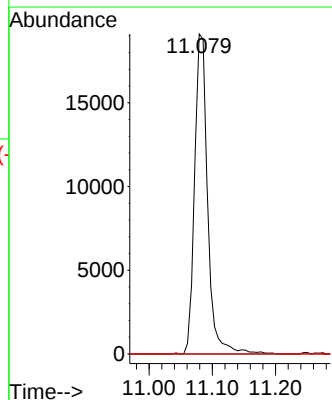
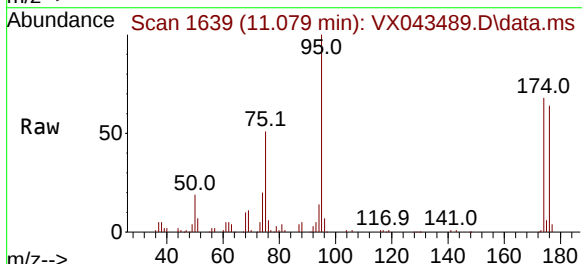
Instrument :
MSVOA_X
ClientSampleId :

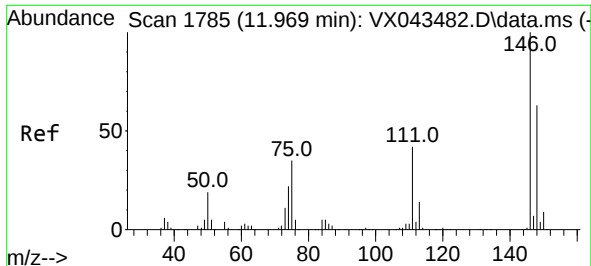
Tgt Ion: 75 Resp: 27455
Ion Ratio Lower Upper
75 100
77 0.9 21.6 65.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.797 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

Tgt Ion: 75 Resp: 27455
Ion Ratio Lower Upper
75 100
53 0.0 95.6 143.4#
89 0.0 40.1 60.1#





#87

1,3-Dichlorobenzene

Concen: 0.231 ug/l

RT: 11.981 min Scan# 1787

Delta R.T. 0.012 min

Lab File: VX043489.D

Acq: 23 Oct 2024 15:50

Instrument :

MSVOA_X

ClientSampleId :

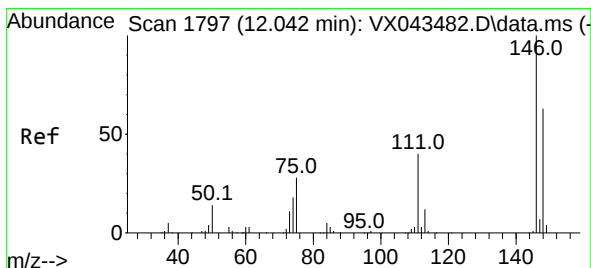
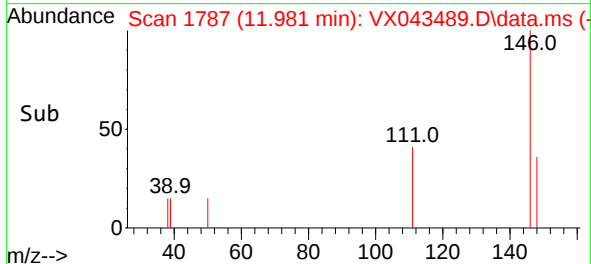
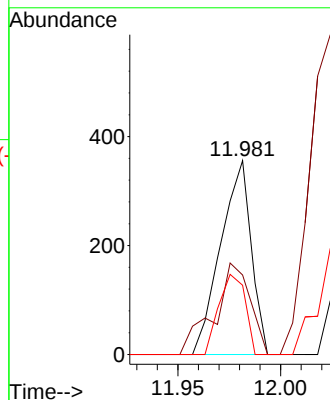
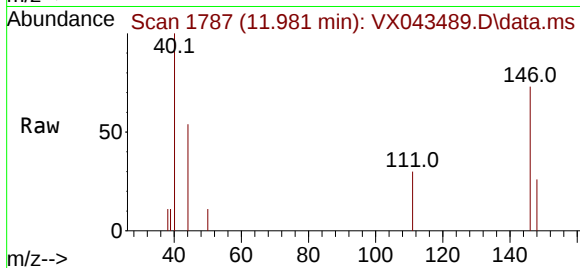
Tgt Ion:146 Resp: 369

Ion Ratio Lower Upper

146 100

111 55.6 20.8 62.2

148 35.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.226 ug/l

RT: 11.981 min Scan# 1787

Delta R.T. -0.061 min

Lab File: VX043489.D

Acq: 23 Oct 2024 15:50

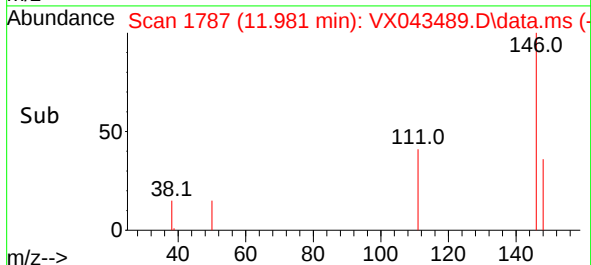
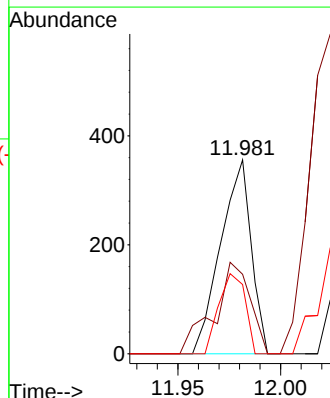
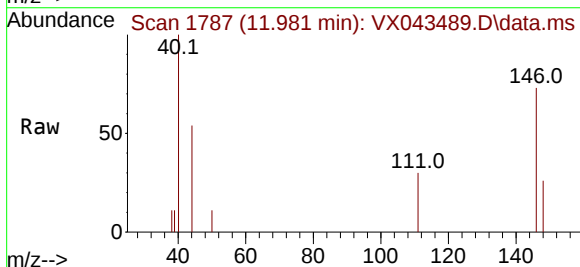
Tgt Ion:146 Resp: 369

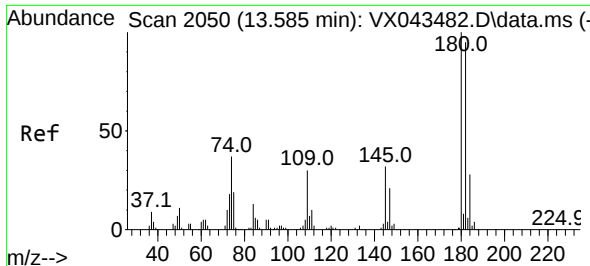
Ion Ratio Lower Upper

146 100

111 55.6 20.6 61.9

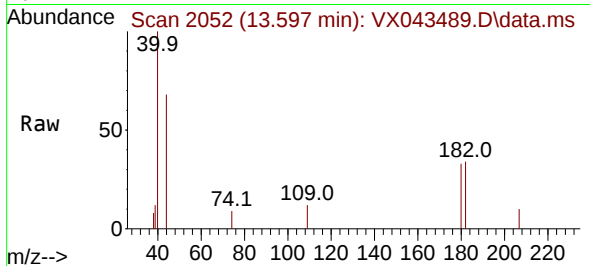
148 35.5 31.9 95.7



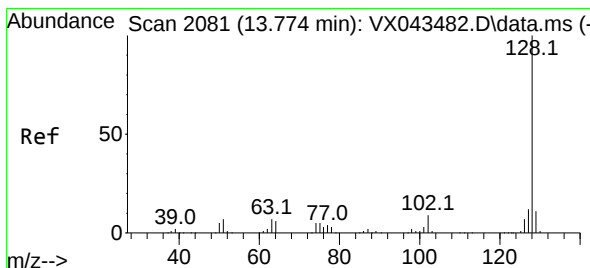
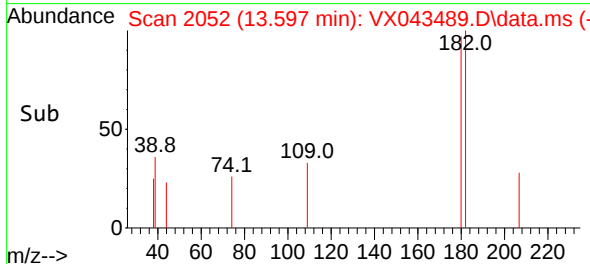
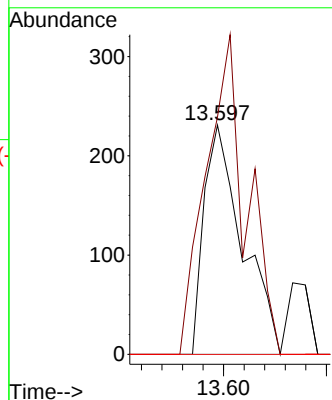


#93
1,2,4-Trichlorobenzene
Concen: 0.331 ug/l
RT: 13.597 min Scan# 2050
Delta R.T. 0.012 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

Instrument :
MSVOA_X
ClientSampleId :

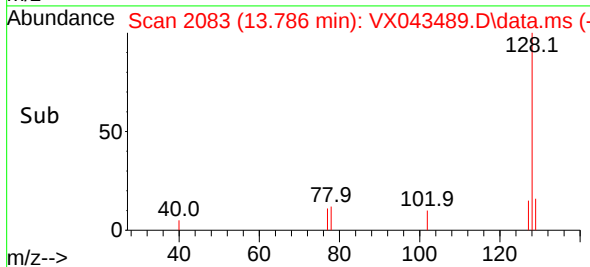
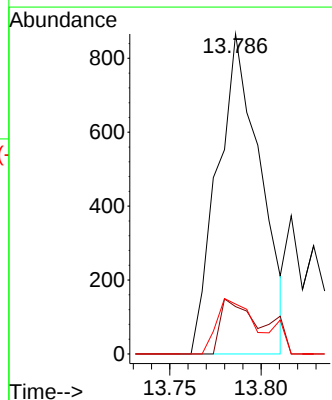
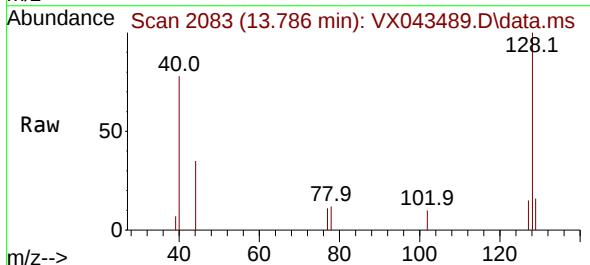


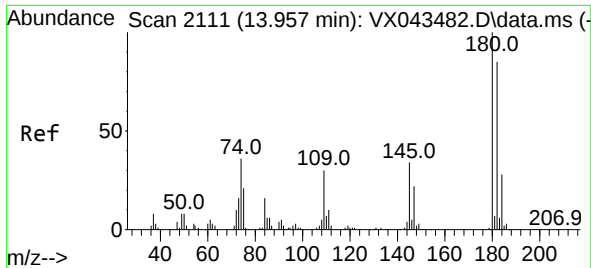
Tgt Ion:180 Resp: 300
Ion Ratio Lower Upper
180 100
182 145.7 47.8 143.3#
145 0.0 16.5 49.5#



#95
Naphthalene
Concen: 0.500 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX043489.D
Acq: 23 Oct 2024 15:50

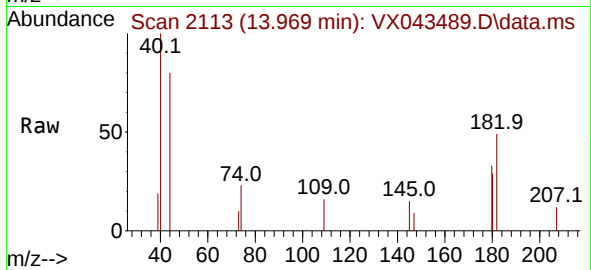
Tgt Ion:128 Resp: 1410
Ion Ratio Lower Upper
128 100
127 16.7 9.8 14.6#
129 17.5 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.467 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.012 min
 Lab File: VX043489.D
 Acq: 23 Oct 2024 15:50

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180	Resp:	419
Ion Ratio	Lower	Upper
180	100	
182	93.1	45.5 136.5
145	16.9	17.2 51.5#

