

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110724\
 Data File : VX043728.D
 Acq On : 07 Nov 2024 11:53
 Operator : JC/MD
 Sample : VX1107WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 08 04:04:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

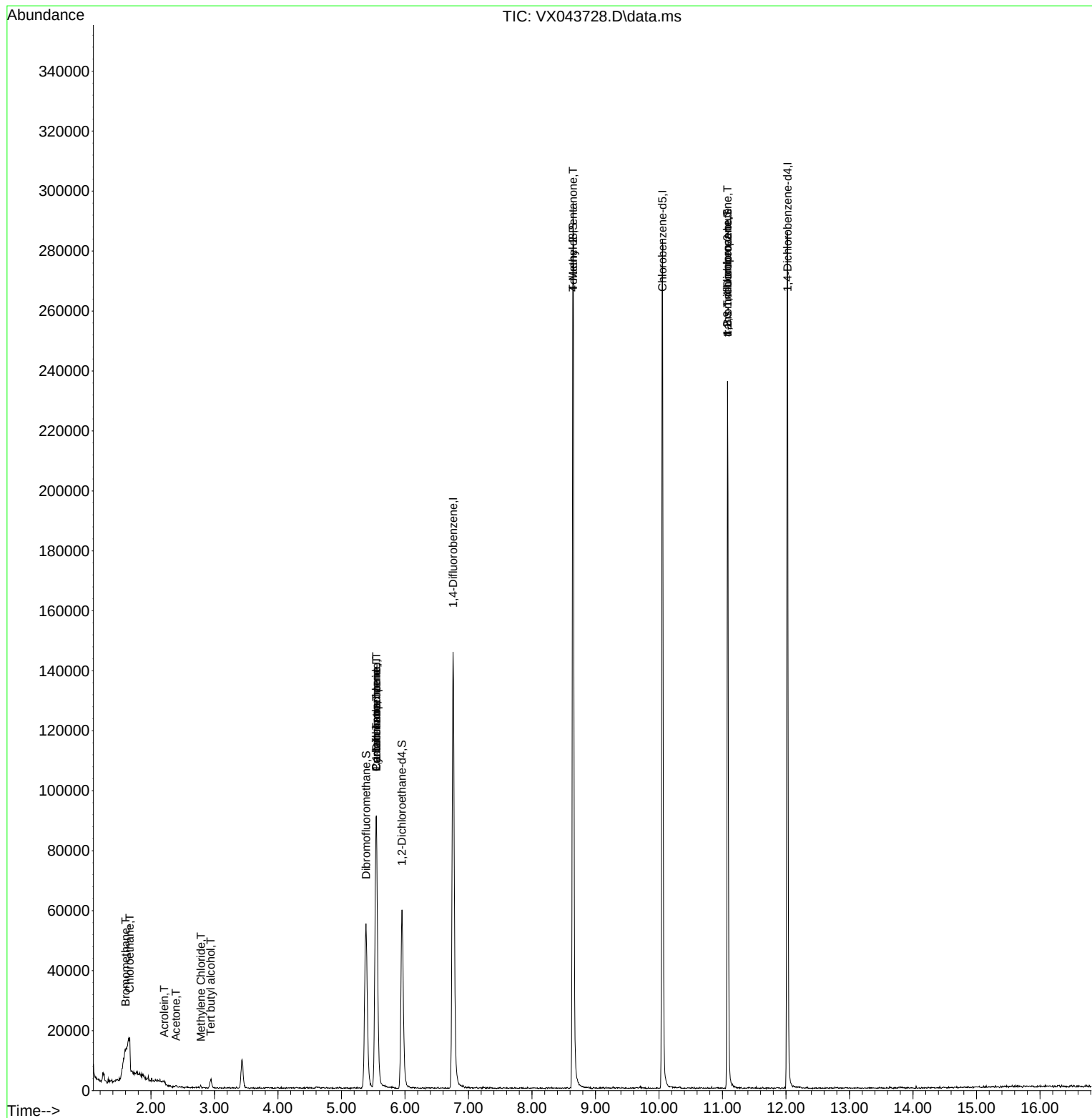
Internal Standards						
1) Pentafluorobenzene	5.550	168	93207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162976	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56688	38.143	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	76.280%
35) Dibromofluoromethane	5.385	113	50670	45.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.700%
50) Toluene-d8	8.647	98	186832	48.838	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.680%
62) 4-Bromofluorobenzene	11.079	95	66258	46.741	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.480%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	224	0.465	ug/l #	42
6) Chloroethane	1.666	64	214	0.514	ug/l	89
11) Tert butyl alcohol	2.941	59	1527	5.505	ug/l #	100
13) Acrolein	2.209	56	55	0.254	ug/l #	1
16) Acetone	2.392	43	360	0.610	ug/l #	43
20) Methylene Chloride	2.788	84	302	0.237	ug/l #	65
31) Cyclohexane	5.550	56	1572	1.002	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6171	4.709	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9032	6.238	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	710	0.443	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31898	22.547	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	31898	62.028	ug/l #	7

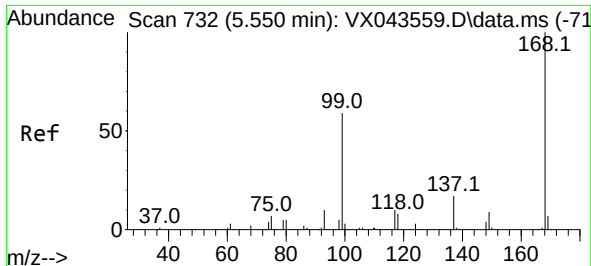
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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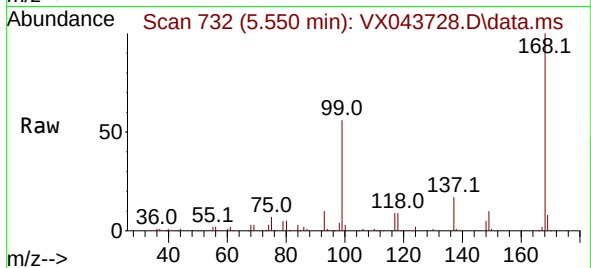
Quant Time: Nov 08 04:04:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration



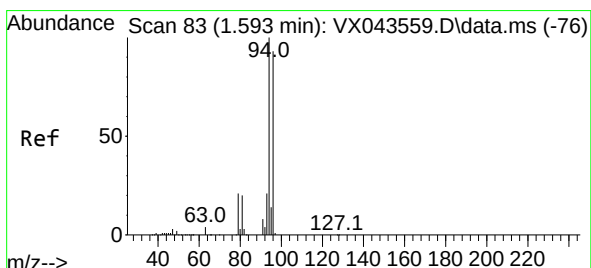
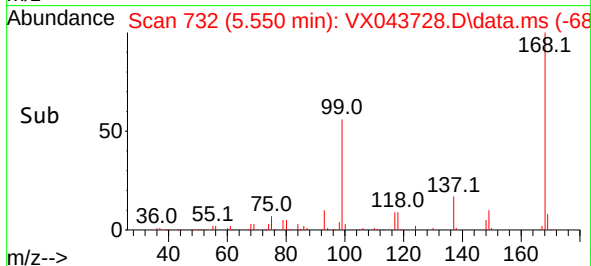
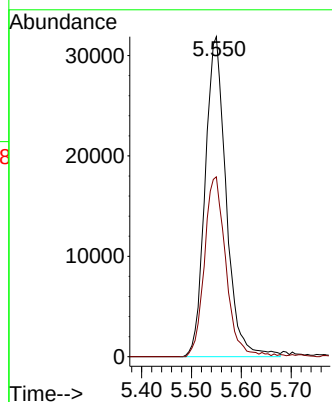


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043728.D
Acq: 07 Nov 2024 11:53

Instrument :
MSVOA_X
ClientSampleId :

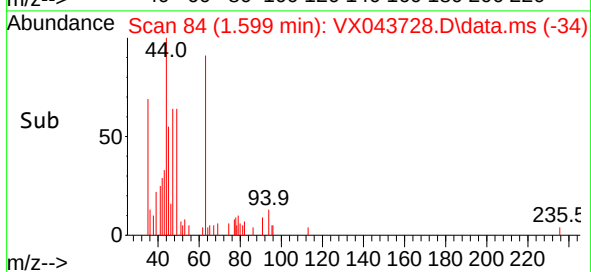
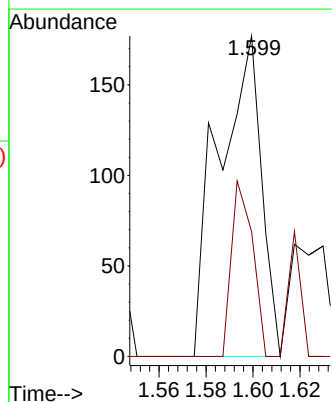
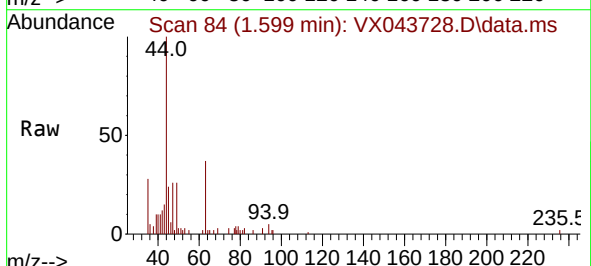


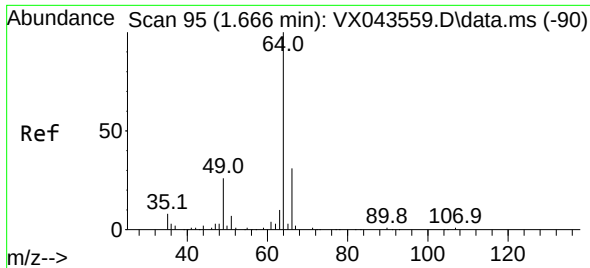
Tgt Ion:168 Resp: 93207
Ion Ratio Lower Upper
168 100
99 56.2 52.6 78.8



#5
Bromomethane
Concen: 0.465 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043728.D
Acq: 07 Nov 2024 11:53

Tgt Ion: 94 Resp: 224
Ion Ratio Lower Upper
94 100
96 39.0 75.9 113.9#

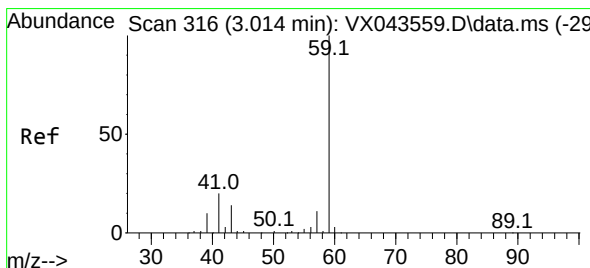
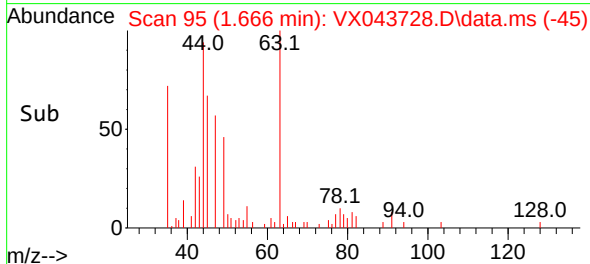
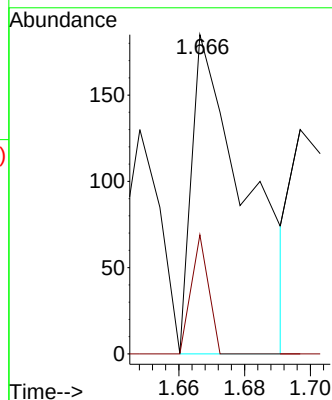
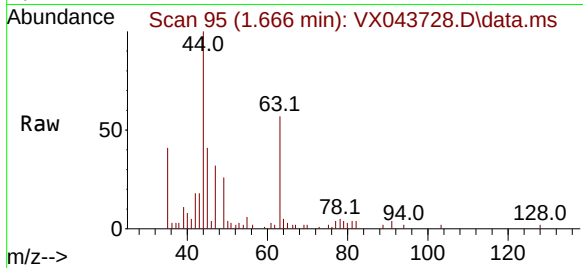




#6
Chloroethane
Concen: 0.514 ug/l
RT: 1.666 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043728.D
Acq: 07 Nov 2024 11:53

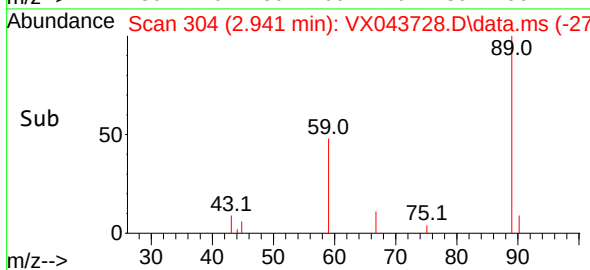
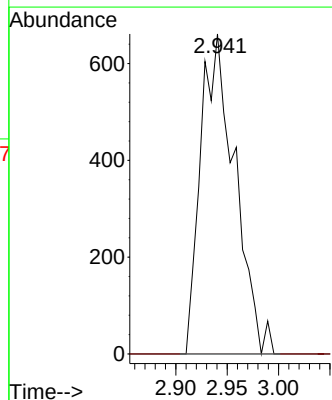
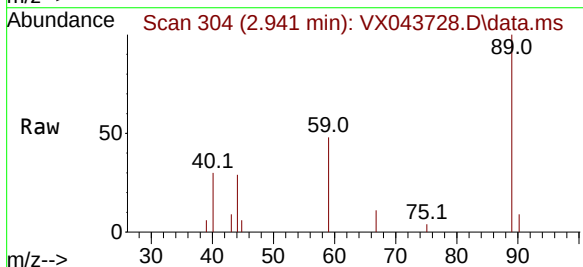
Instrument :
MSVOA_X
ClientSampleId :

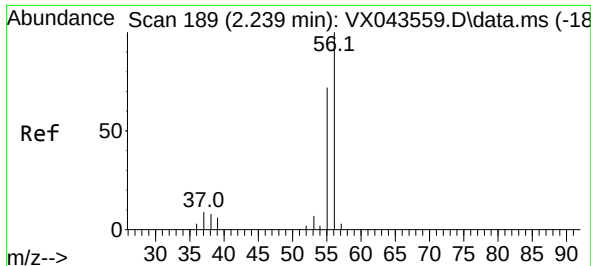
Tgt Ion: 64 Resp: 214
Ion Ratio Lower Upper
64 100
66 37.3 25.1 37.7



#11
Tert butyl alcohol
Concen: 5.505 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.109 min
Lab File: VX043728.D
Acq: 07 Nov 2024 11:53

Tgt Ion: 59 Resp: 1527
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

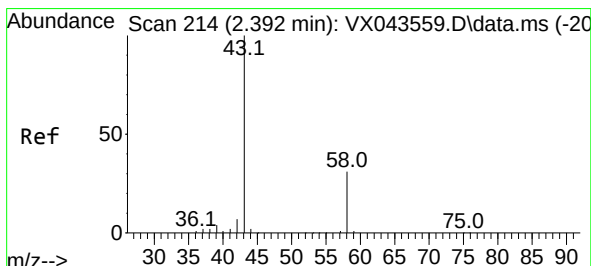
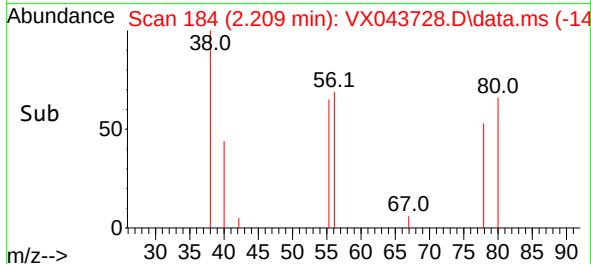
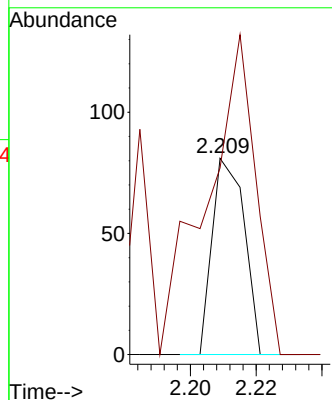
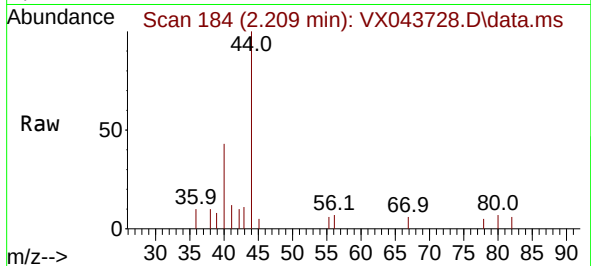




#13
Acrolein
Concen: 0.254 ug/l
RT: 2.209 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX043728.D
Acq: 07 Nov 2024 11:53

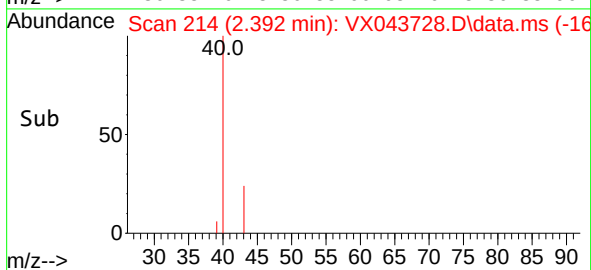
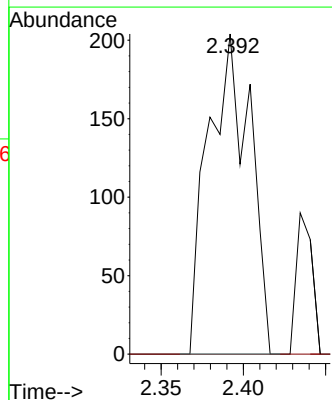
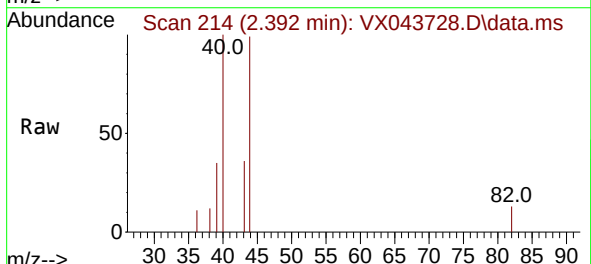
Instrument :
MSVOA_X
ClientSampleId :

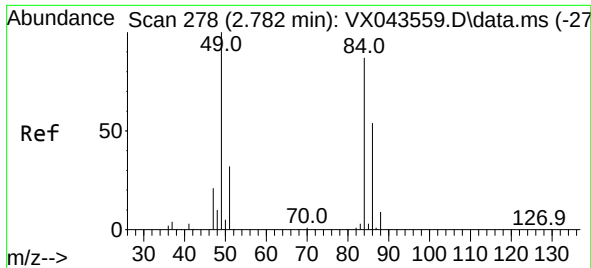
Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 247.3 55.3 82.9#



#16
Acetone
Concen: 0.610 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043728.D
Acq: 07 Nov 2024 11:53

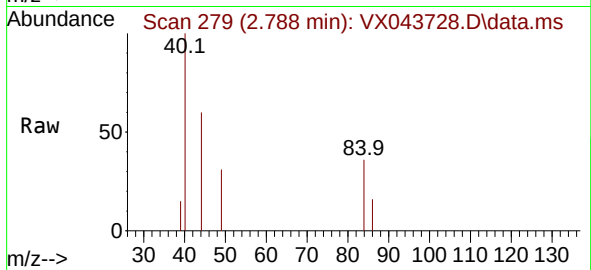
Tgt Ion: 43 Resp: 360
Ion Ratio Lower Upper
43 100
58 0.0 25.1 37.7#



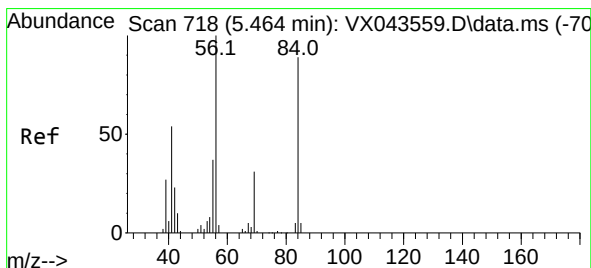
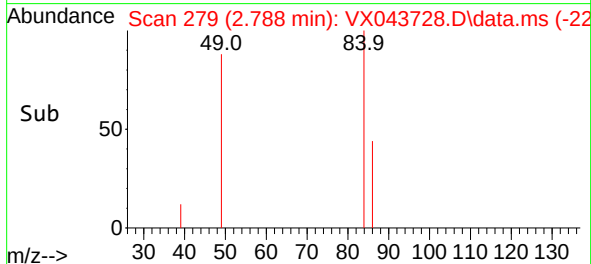
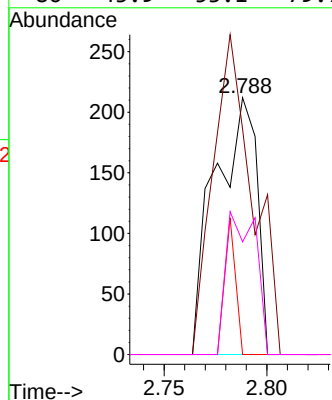


#20
Methylene Chloride
Concen: 0.237 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043728.D
Acq: 07 Nov 2024 11:53

Instrument :
MSVOA_X
ClientSampleId :

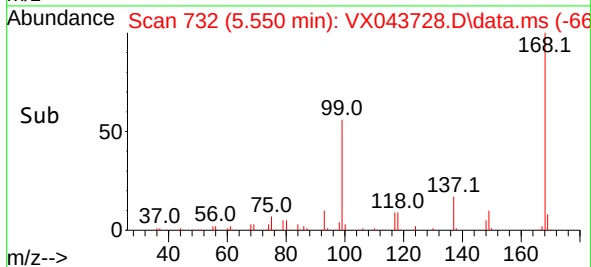
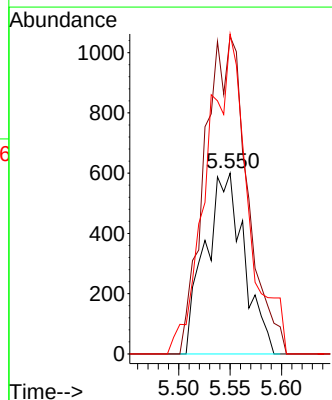
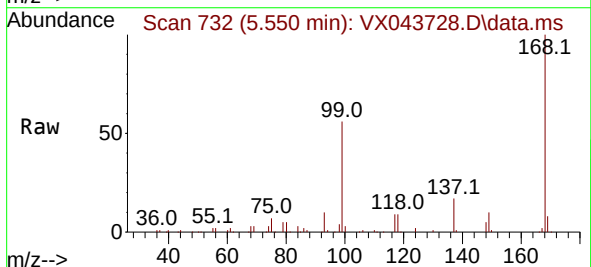


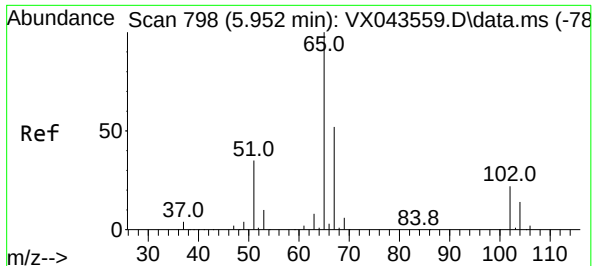
Tgt Ion:	84	Resp:	302
Ion	Ratio	Lower	Upper
84	100		
49	87.7	97.0	145.6#
51	0.0	29.8	44.8#
86	43.9	53.1	79.7#



#31
Cyclohexane
Concen: 1.002 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.092 min
Lab File: VX043728.D
Acq: 07 Nov 2024 11:53

Tgt Ion:	56	Resp:	1572
Ion	Ratio	Lower	Upper
56	100		
69	175.7	24.9	37.3#
84	176.5	73.3	109.9#





#33

1,2-Dichloroethane-d4

Concen: 38.143 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043728.D

Acq: 07 Nov 2024 11:53

Instrument :

MSVOA_X

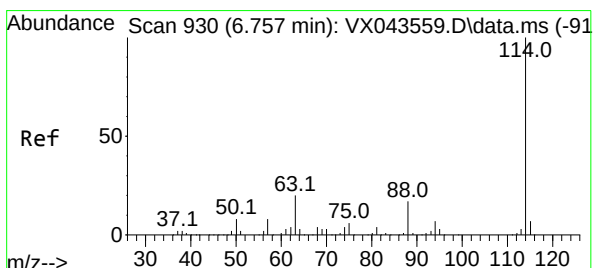
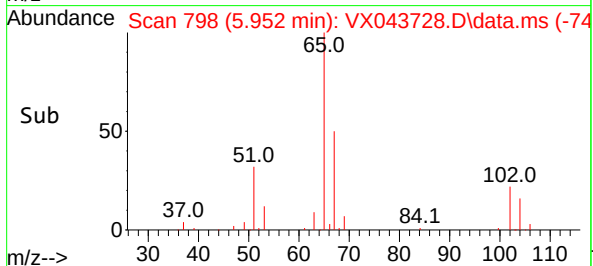
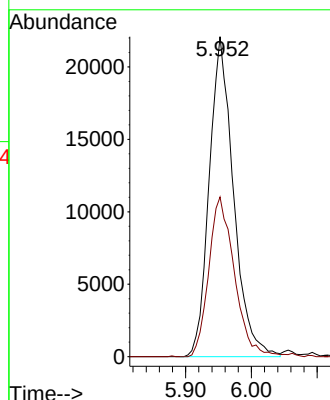
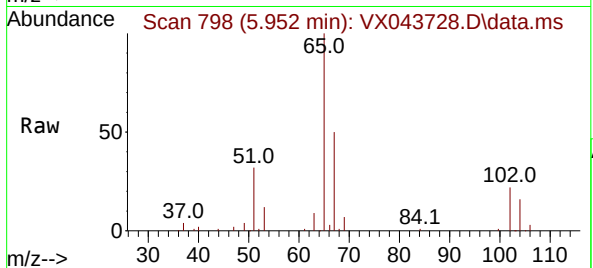
ClientSampleId :

Tgt Ion: 65 Resp: 56688

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043728.D

Acq: 07 Nov 2024 11:53

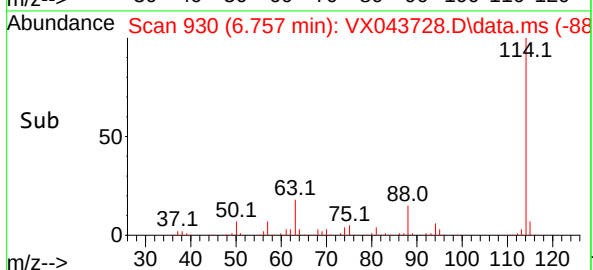
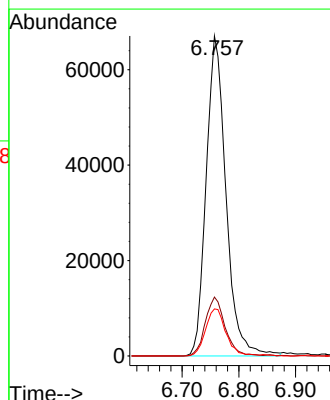
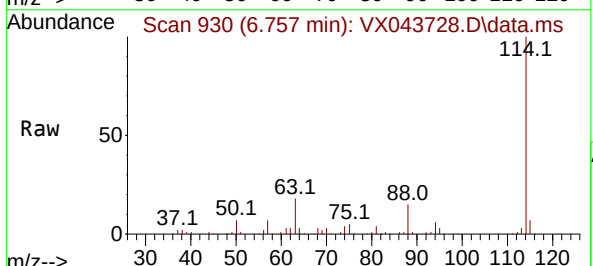
Tgt Ion: 114 Resp: 162976

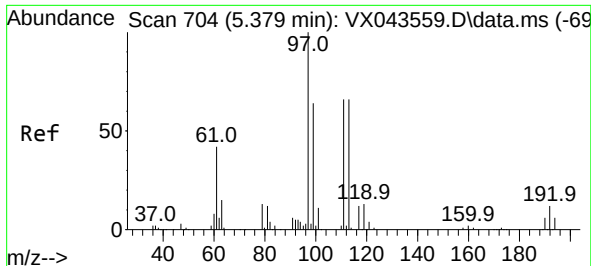
Ion Ratio Lower Upper

114 100

63 18.4 0.0 41.2

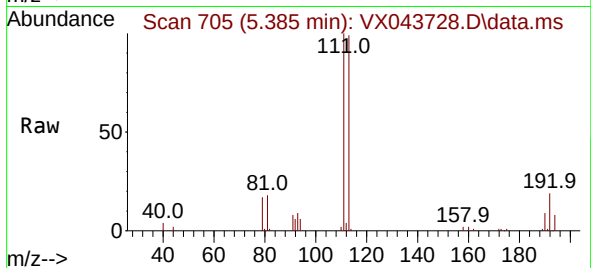
88 14.7 0.0 34.0



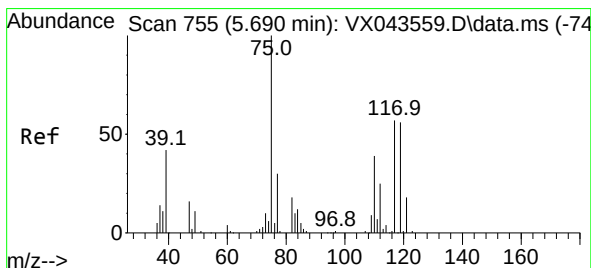
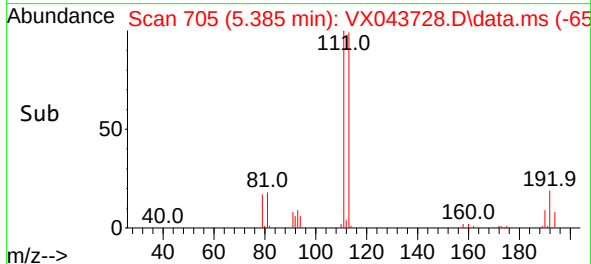
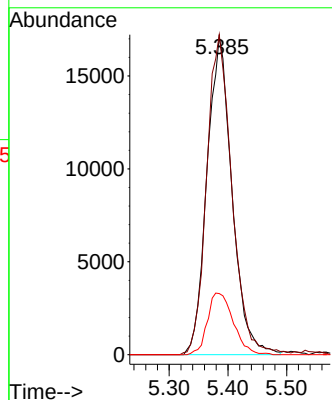


#35
Dibromofluoromethane
Concen: 45.850 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX043728.D
Acq: 07 Nov 2024 11:53

Instrument :
MSVOA_X
ClientSampleId :

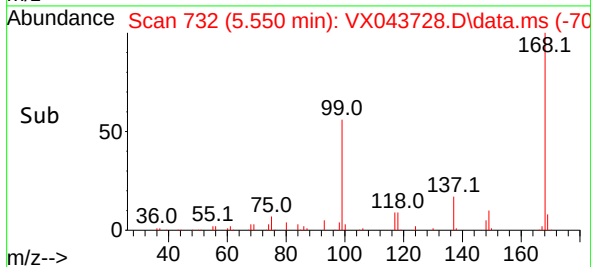
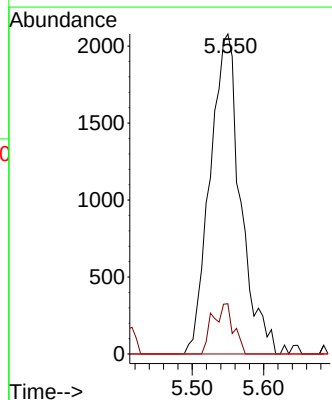
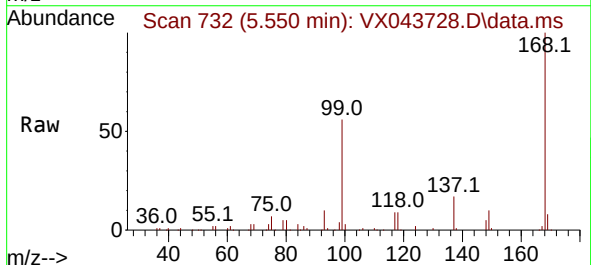


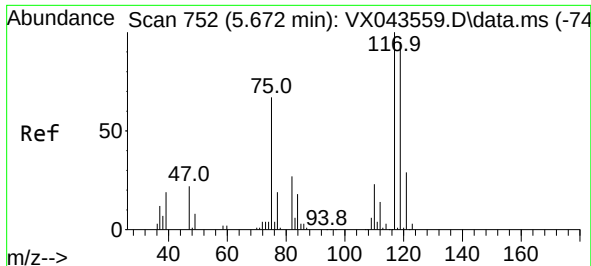
Tgt Ion:113 Resp: 50670
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 20.0 14.1 21.1



#36
1,1-Dichloropropene
Concen: 4.709 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX043728.D
Acq: 07 Nov 2024 11:53

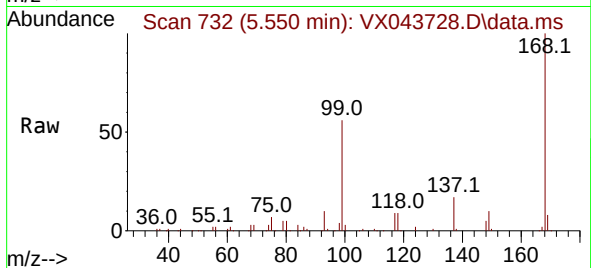
Tgt Ion: 75 Resp: 6171
Ion Ratio Lower Upper
75 100
110 10.7 17.9 53.7#
77 0.0 25.0 37.4#



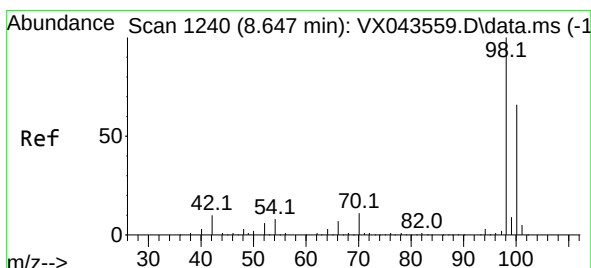
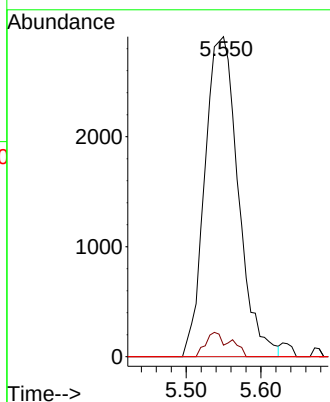
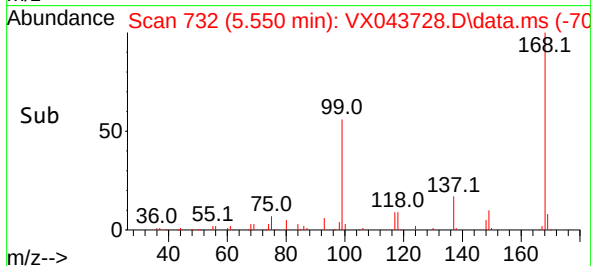


#38
Carbon Tetrachloride
Concen: 6.238 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043728.D
Acq: 07 Nov 2024 11:53

Instrument :
MSVOA_X
ClientSampleId :

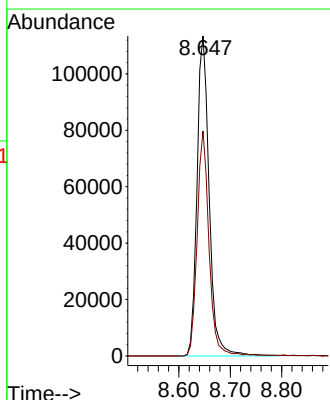
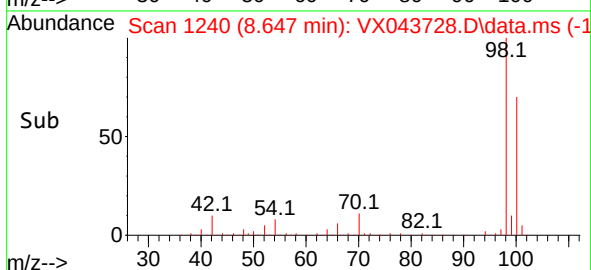
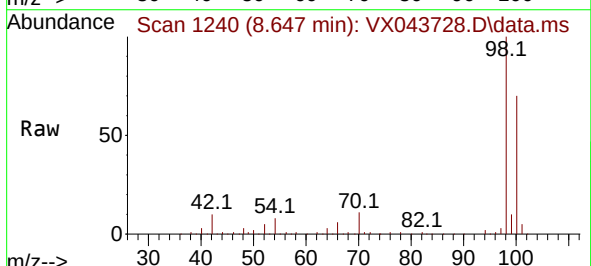


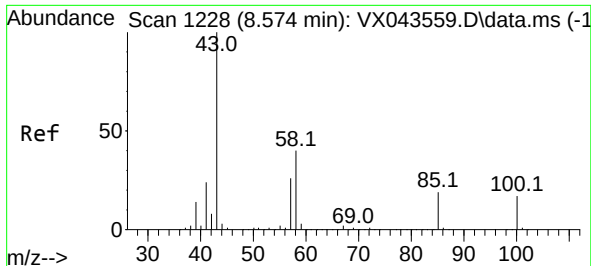
Tgt Ion:117 Resp: 9032
Ion Ratio Lower Upper
117 100
119 3.6 77.0 115.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.838 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043728.D
Acq: 07 Nov 2024 11:53

Tgt Ion: 98 Resp: 186832
Ion Ratio Lower Upper
98 100
100 67.7 53.4 80.2

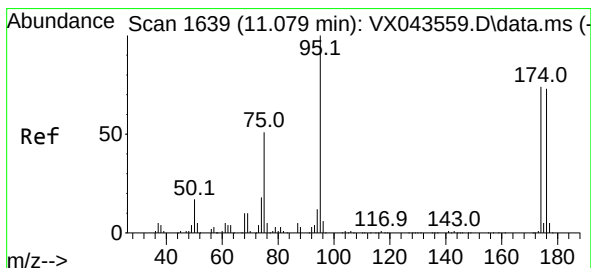
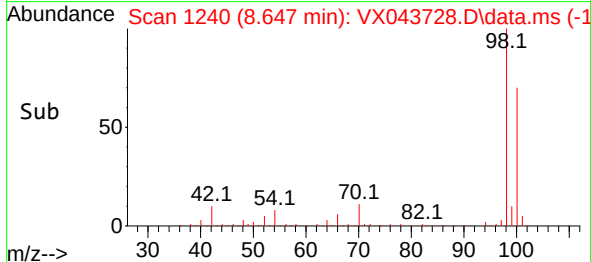
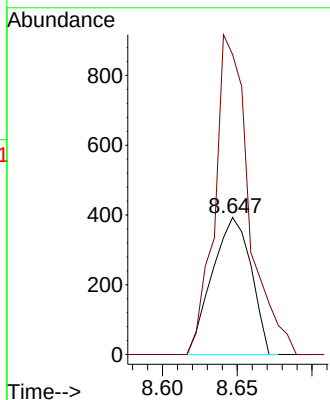
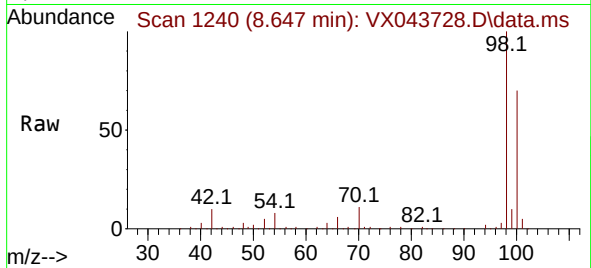




#51
4-Methyl-2-Pentanone
Concen: 0.443 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX043728.D
Acq: 07 Nov 2024 11:53

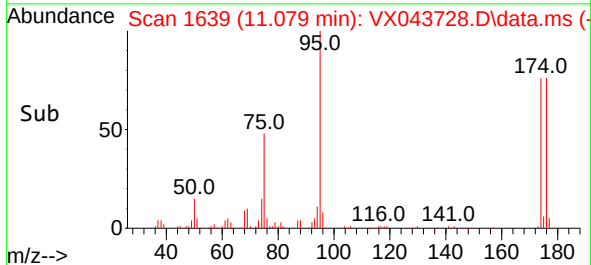
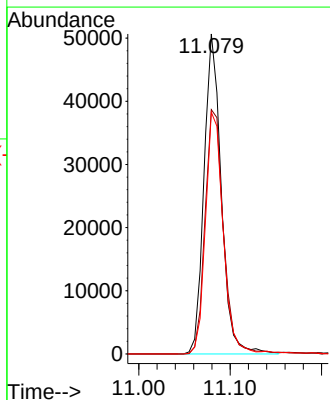
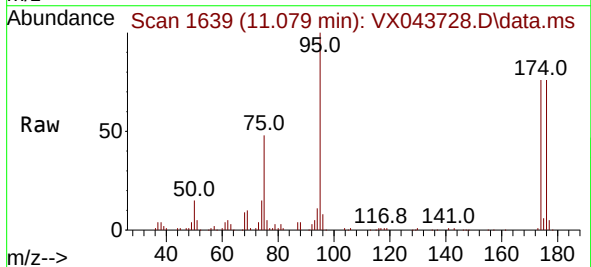
Instrument :
MSVOA_X
ClientSampleId :

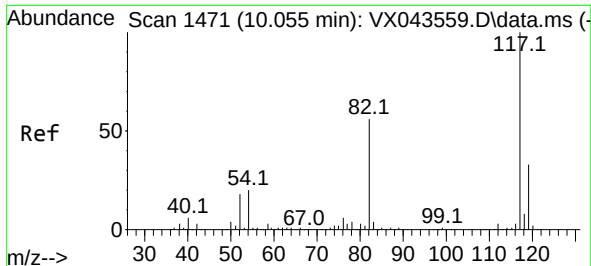
Tgt Ion: 43 Resp: 710
Ion Ratio Lower Upper
43 100
58 205.8 31.7 47.5#



#62
4-Bromofluorobenzene
Concen: 46.741 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043728.D
Acq: 07 Nov 2024 11:53

Tgt Ion: 95 Resp: 66258
Ion Ratio Lower Upper
95 100
174 81.8 0.0 146.6
176 78.4 0.0 139.6

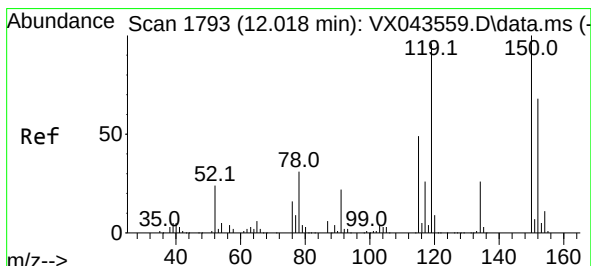
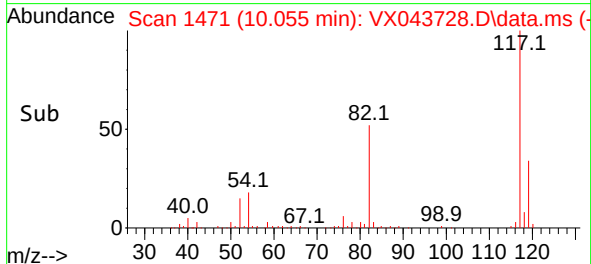
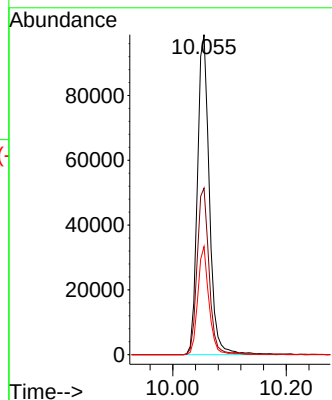
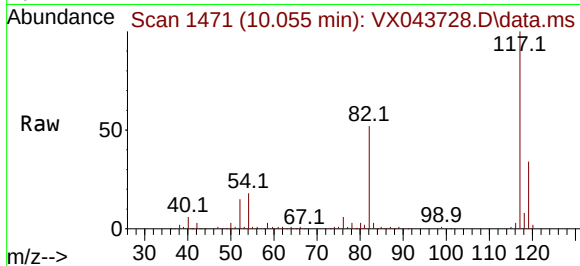




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043728.D
Acq: 07 Nov 2024 11:53

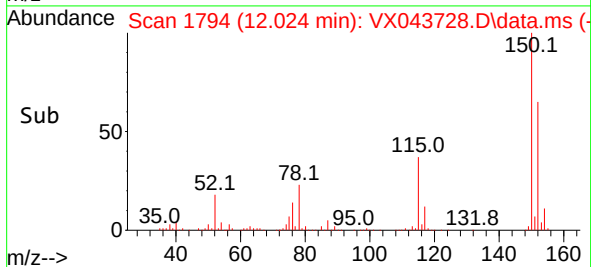
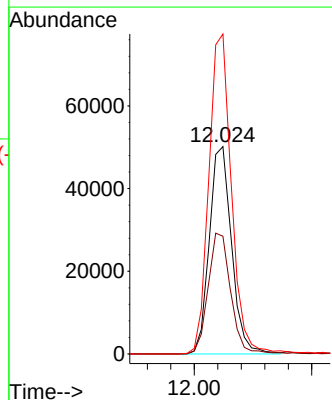
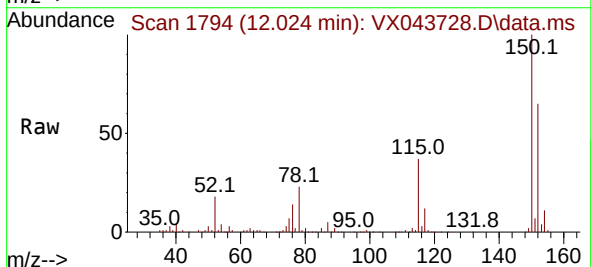
Instrument :
MSVOA_X
ClientSampleId :

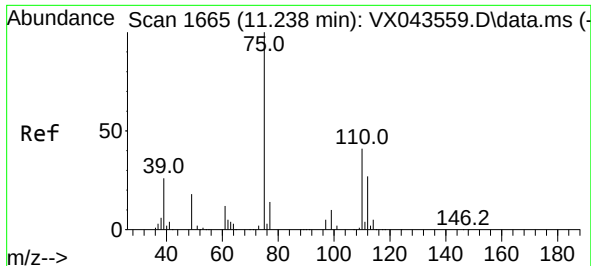
Tgt Ion:117 Resp: 144247
Ion Ratio Lower Upper
117 100
82 52.0 42.1 63.1
119 33.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043728.D
Acq: 07 Nov 2024 11:53

Tgt Ion:152 Resp: 66166
Ion Ratio Lower Upper
152 100
115 59.2 42.9 128.7
150 156.8 0.0 343.6

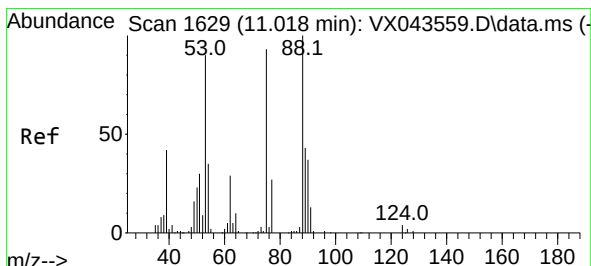
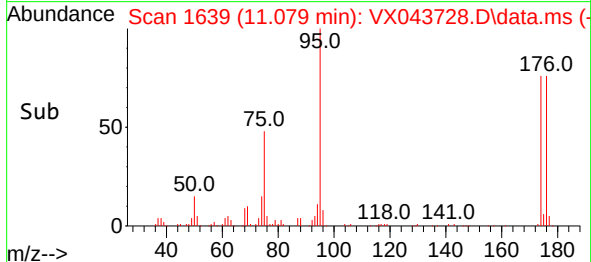
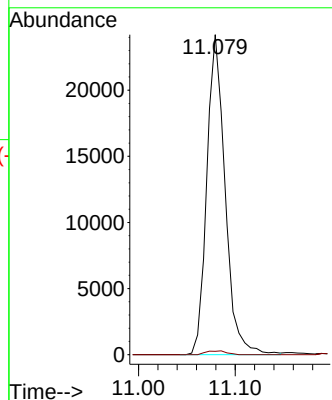
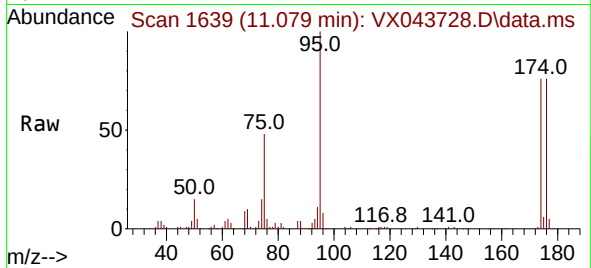




#76
1,2,3-Trichloropropane
Concen: 22.547 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043728.D
Acq: 07 Nov 2024 11:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 31898
Ion Ratio Lower Upper
75 100
77 1.3 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.028 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043728.D
Acq: 07 Nov 2024 11:53

Tgt Ion: 75 Resp: 31898
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#

