

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043600.D
 Acq On : 29 Oct 2024 16:24
 Operator : JC/MD
 Sample : P4600-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:34:32 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)

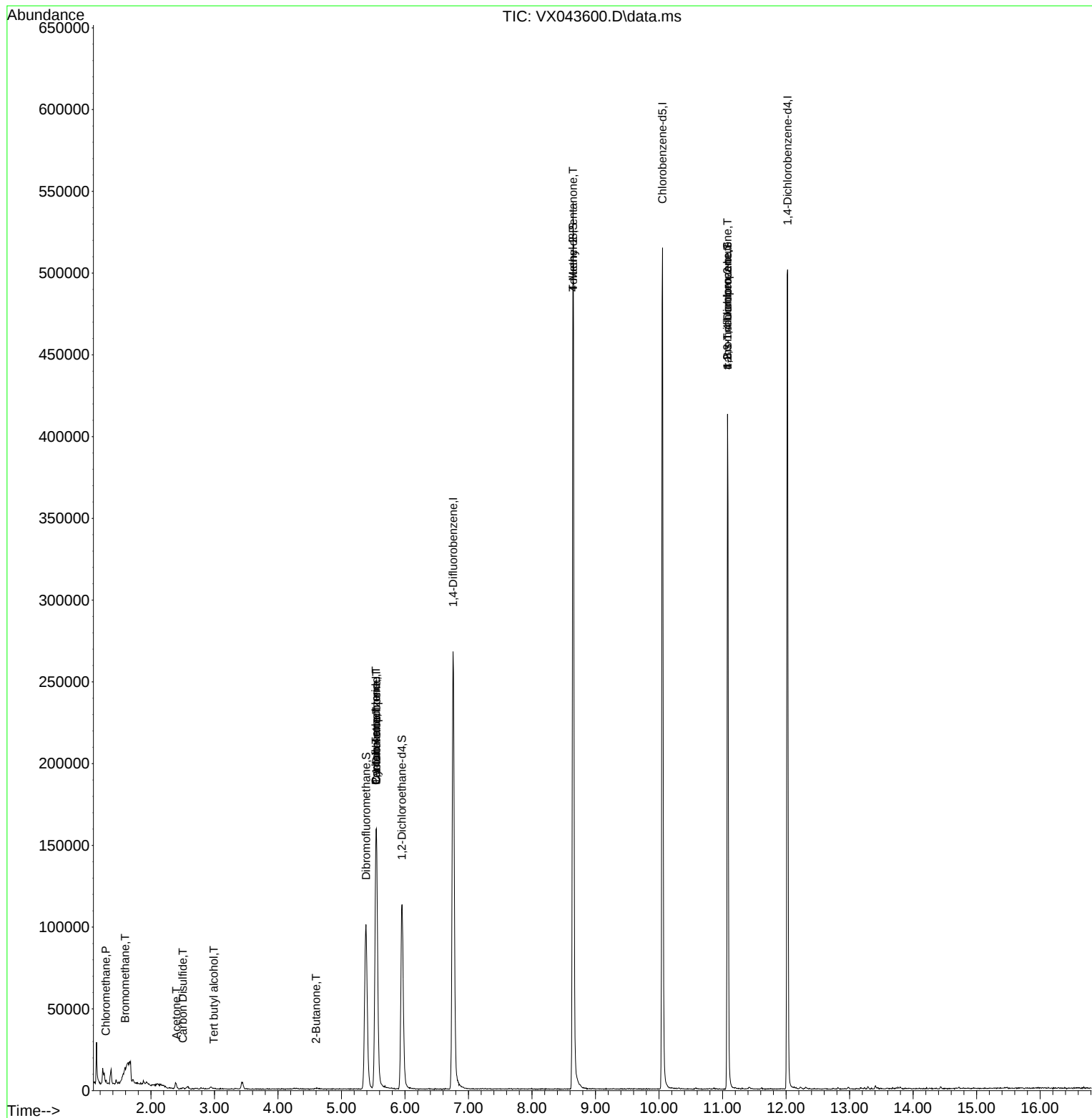
Internal Standards						
1) Pentafluorobenzene	5.543	168	157457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	292690	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110545	44.030	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.060%
35) Dibromofluoromethane	5.385	113	90933	45.817	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.640%
50) Toluene-d8	8.646	98	342648	49.873	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.740%
62) 4-Bromofluorobenzene	11.079	95	115668	45.434	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.860%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	649	0.302	ug/l #	78
5) Bromomethane	1.593	94	239	0.293	ug/l #	2
11) Tert butyl alcohol	2.989	59	782	1.669	ug/l #	100
16) Acetone	2.398	43	4016	4.028	ug/l	92
17) Carbon Disulfide	2.501	76	776	0.220	ug/l #	80
25) 2-Butanone	4.598	43	326	0.224	ug/l #	49
31) Cyclohexane	5.549	56	3142	1.185	ug/l #	23
36) 1,1-Dichloropropene	5.549	75	12304	5.228	ug/l #	50
38) Carbon Tetrachloride	5.543	117	16422	6.315	ug/l #	15
51) 4-Methyl-2-Pentanone	8.646	43	1448	0.503	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	57843	24.761	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	57843	68.119	ug/l #	7

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

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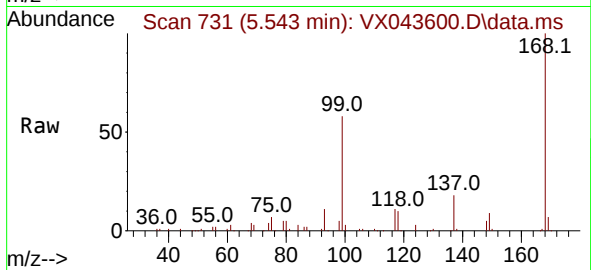
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration



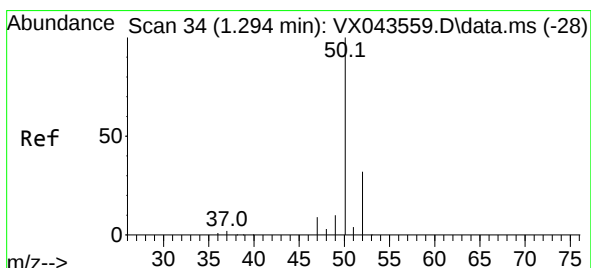
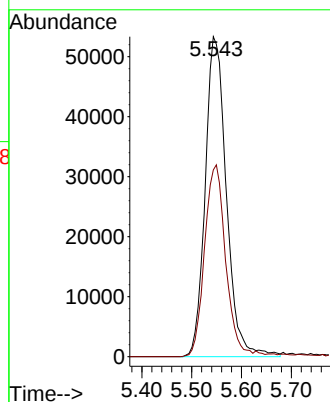
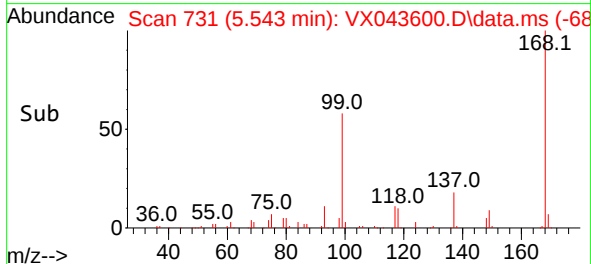


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX043600.D
Acq: 29 Oct 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :

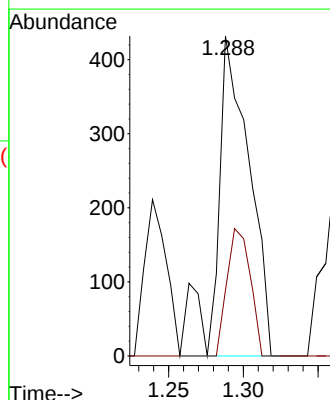
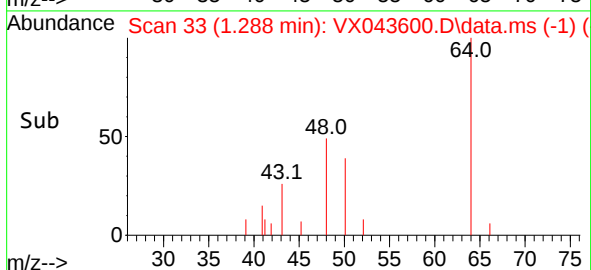
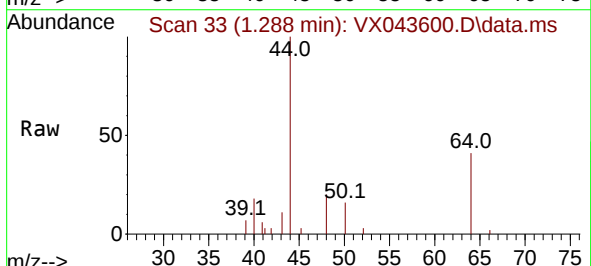


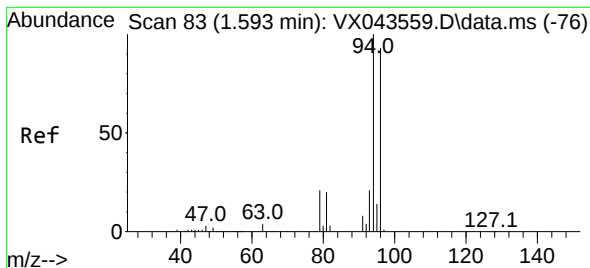
Tgt Ion:168 Resp: 157457
Ion Ratio Lower Upper
168 100
99 58.3 52.6 78.8



#3
Chloromethane
Concen: 0.302 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX043600.D
Acq: 29 Oct 2024 16:24

Tgt Ion: 50 Resp: 649
Ion Ratio Lower Upper
50 100
52 20.6 26.3 39.5#





#5

Bromomethane

Concen: 0.293 ug/l

RT: 1.593 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX043600.D

Acq: 29 Oct 2024 16:24

Instrument :

MSVOA_X

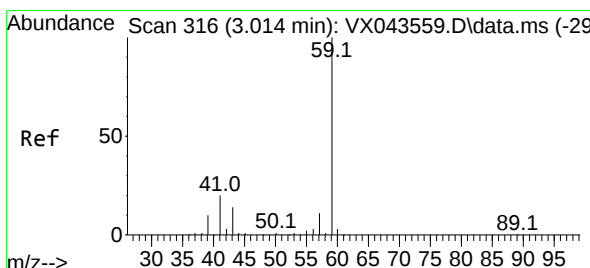
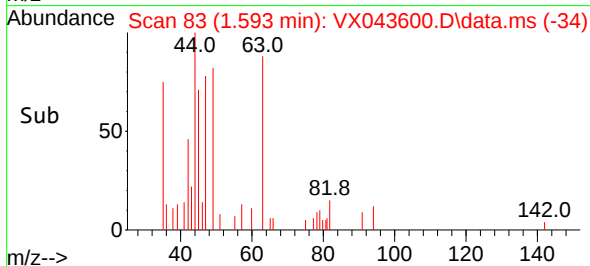
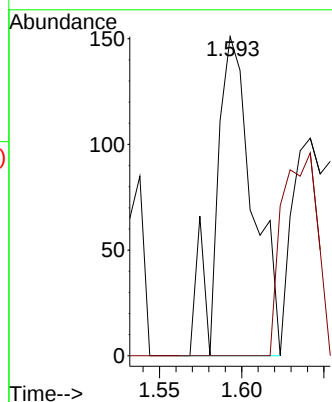
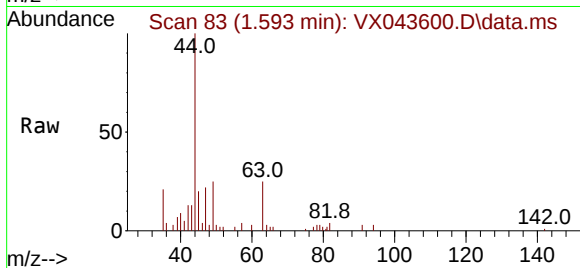
ClientSampleId :

Tgt Ion: 94 Resp: 239

Ion Ratio Lower Upper

94 100

96 0.0 75.9 113.9#



#11

Tert butyl alcohol

Concen: 1.669 ug/l

RT: 2.989 min Scan# 312

Delta R.T. -0.061 min

Lab File: VX043600.D

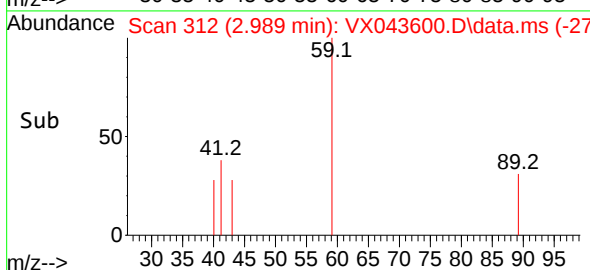
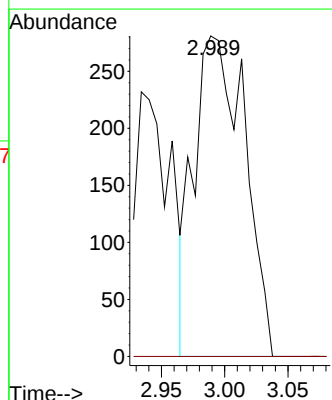
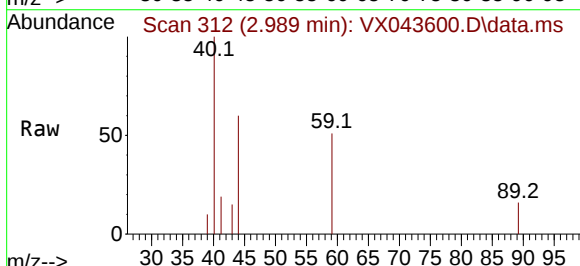
Acq: 29 Oct 2024 16:24

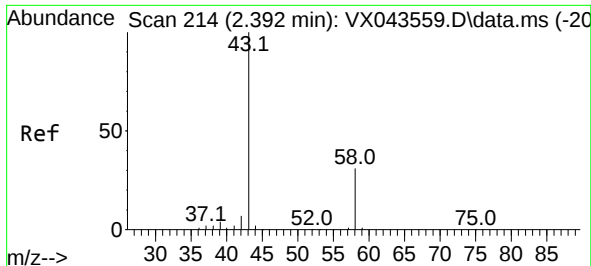
Tgt Ion: 59 Resp: 782

Ion Ratio Lower Upper

59 100

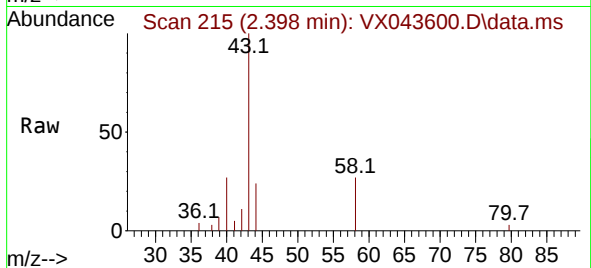
57 0.0 0.0 0.0



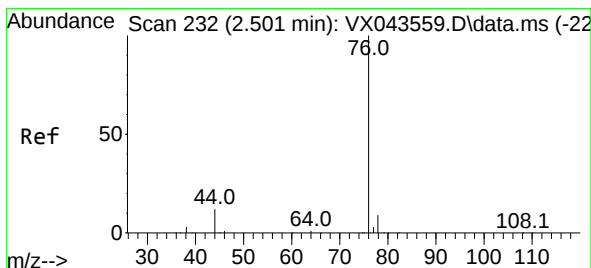
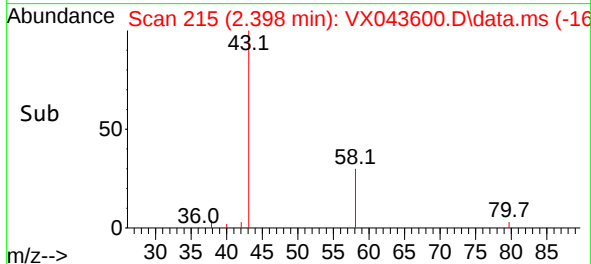
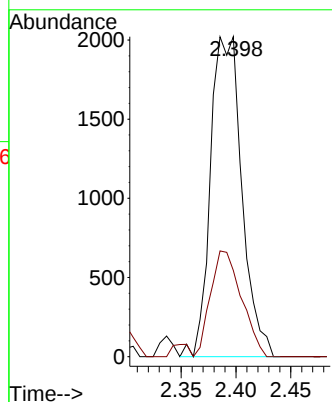


#16
Acetone
Concen: 4.028 ug/l
RT: 2.398 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX043600.D
Acq: 29 Oct 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :

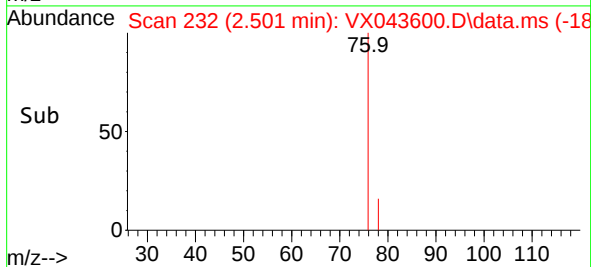
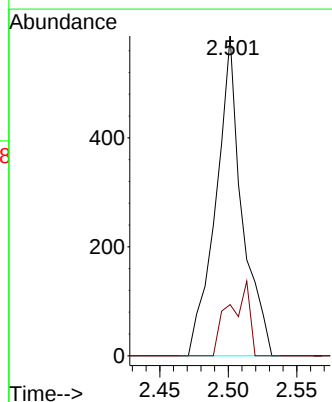
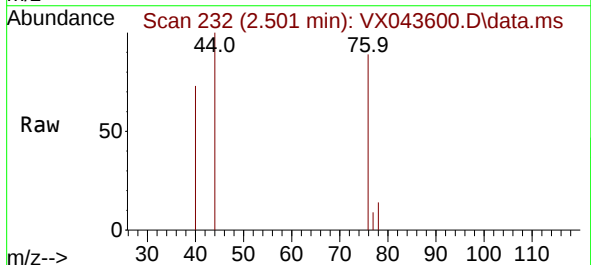


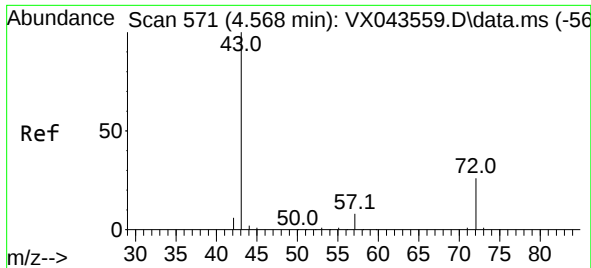
Tgt Ion: 43 Resp: 4016
Ion Ratio Lower Upper
43 100
58 26.9 25.1 37.7



#17
Carbon Disulfide
Concen: 0.220 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.006 min
Lab File: VX043600.D
Acq: 29 Oct 2024 16:24

Tgt Ion: 76 Resp: 776
Ion Ratio Lower Upper
76 100
78 16.0 7.1 10.7#

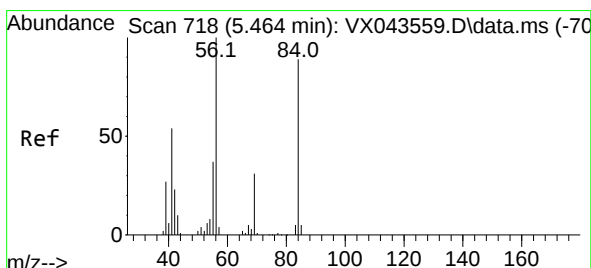
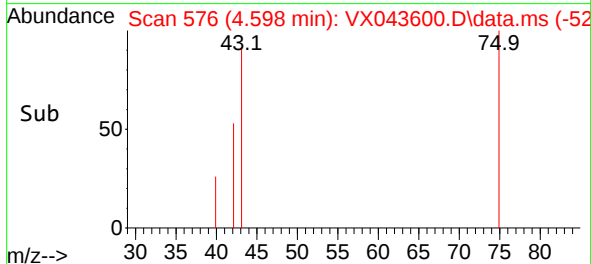
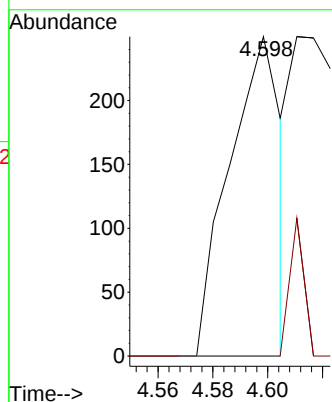
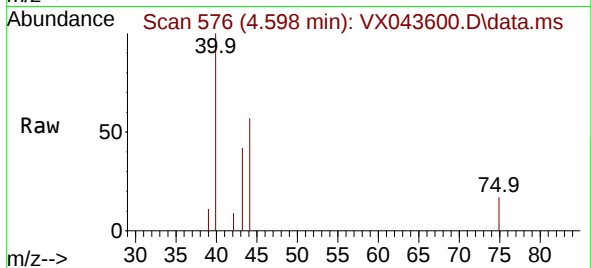




#25
2-Butanone
Concen: 0.224 ug/l
RT: 4.598 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX043600.D
Acq: 29 Oct 2024 16:24

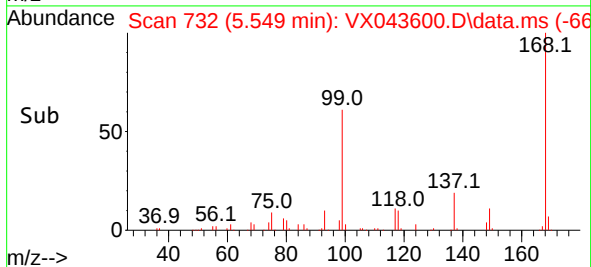
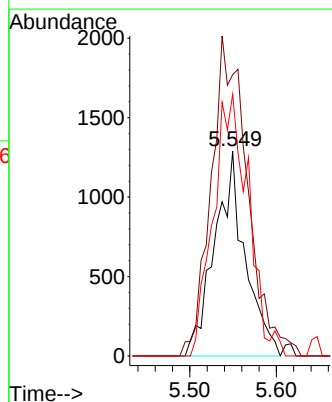
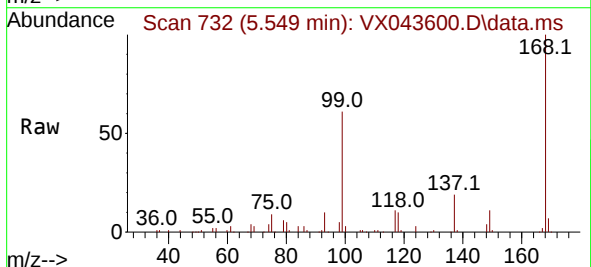
Instrument :
MSVOA_X
ClientSampleId :

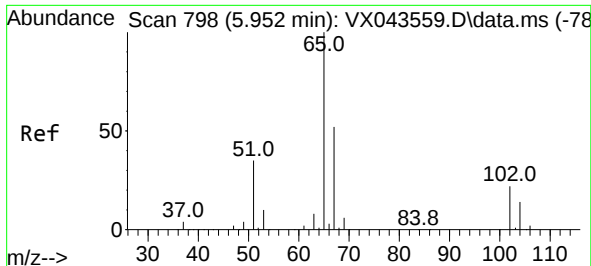
Tgt Ion: 43 Resp: 326
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



#31
Cyclohexane
Concen: 1.185 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.091 min
Lab File: VX043600.D
Acq: 29 Oct 2024 16:24

Tgt Ion: 56 Resp: 3142
Ion Ratio Lower Upper
56 100
69 137.2 24.9 37.3#
84 127.8 73.3 109.9#

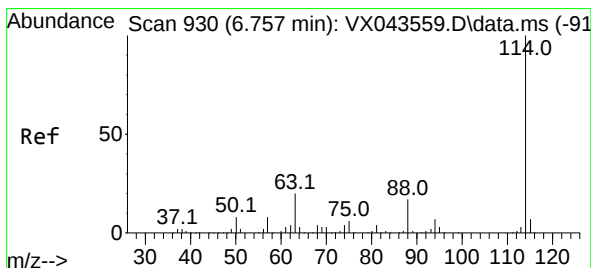
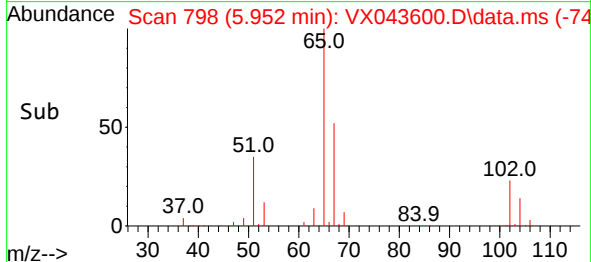
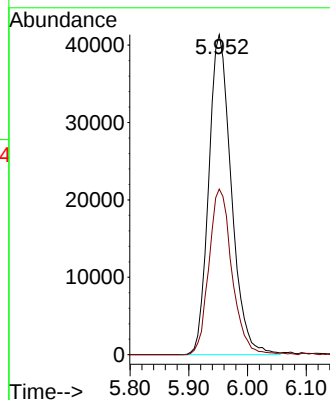
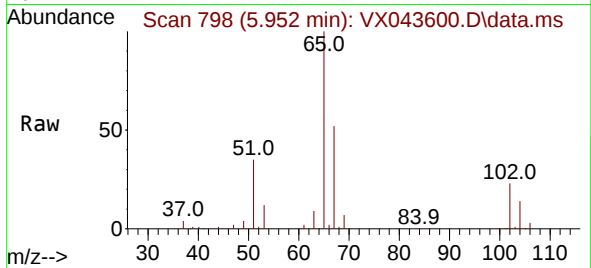




#33
 1,2-Dichloroethane-d4
 Concen: 44.030 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX043600.D
 Acq: 29 Oct 2024 16:24

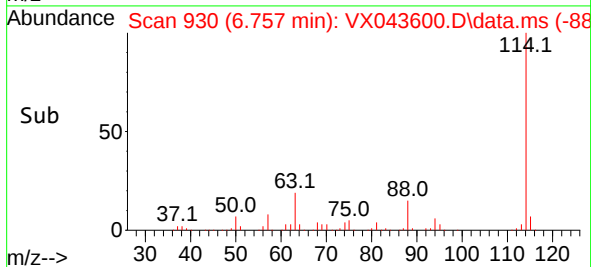
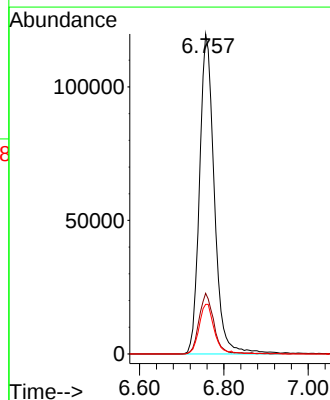
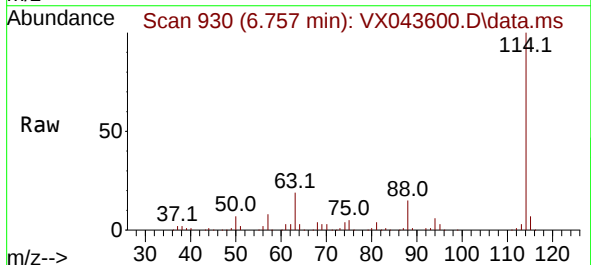
Instrument :
 MSVOA_X
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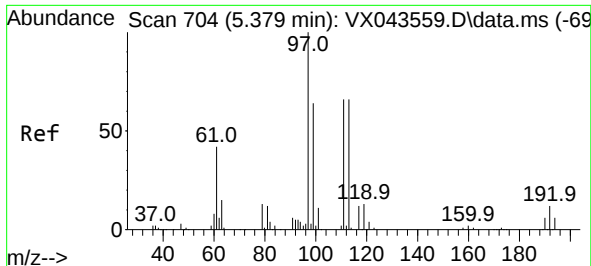
Tgt Ion: 65 Resp: 110545
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX043600.D
 Acq: 29 Oct 2024 16:24

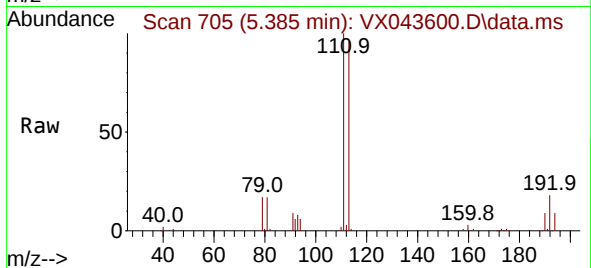
Tgt Ion: 114 Resp: 292690
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.2
 88 15.5 0.0 34.0



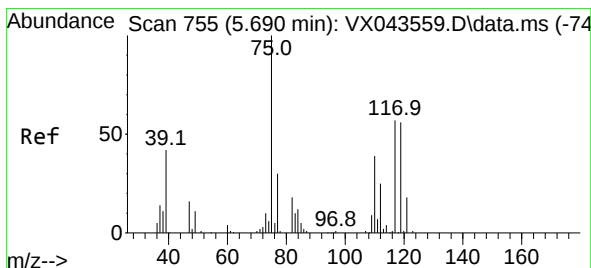
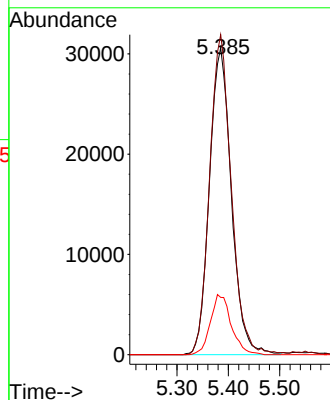
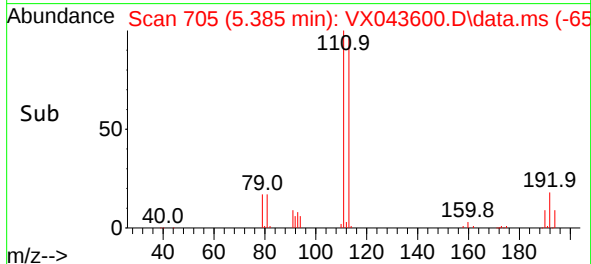


#35
Dibromofluoromethane
Concen: 45.817 ug/l
RT: 5.385 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043600.D
Acq: 29 Oct 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :

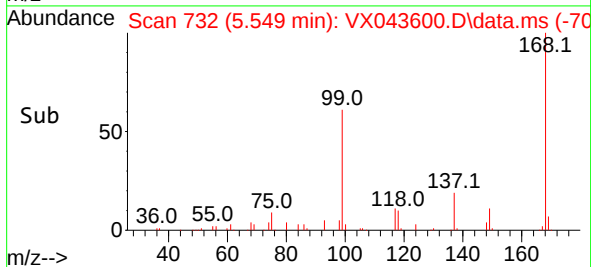
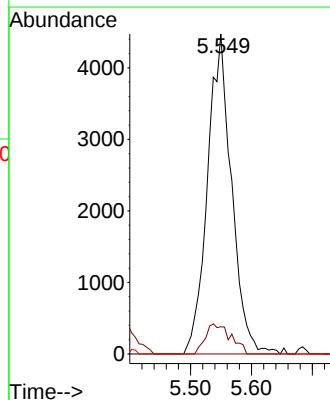
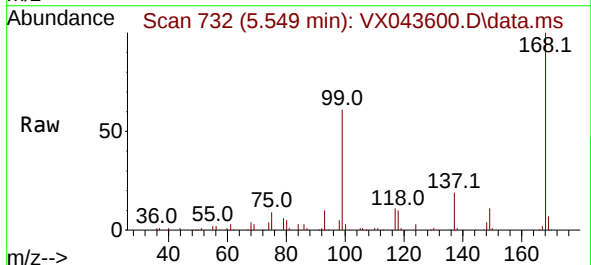


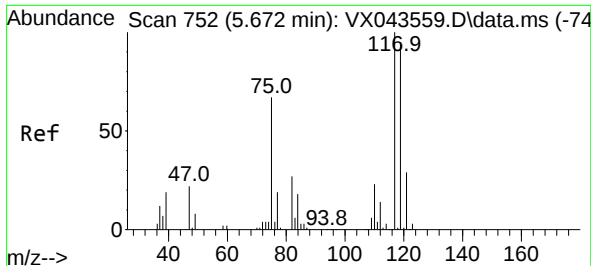
Tgt Ion:113 Resp: 90933
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 18.6 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.228 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX043600.D
Acq: 29 Oct 2024 16:24

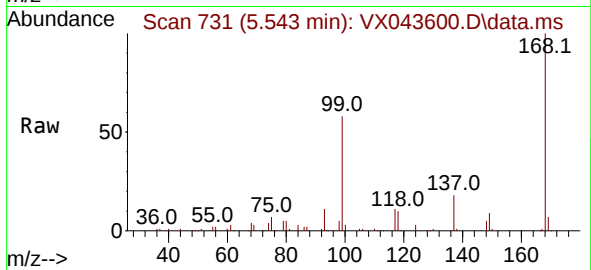
Tgt Ion: 75 Resp: 12304
Ion Ratio Lower Upper
75 100
110 9.9 17.9 53.7#
77 0.0 25.0 37.4#



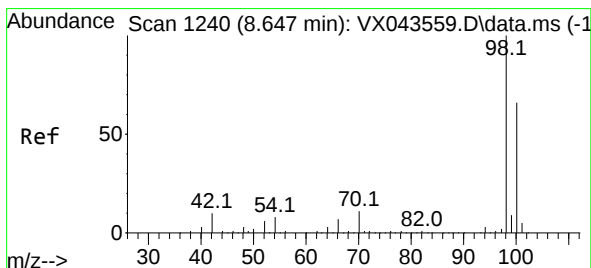
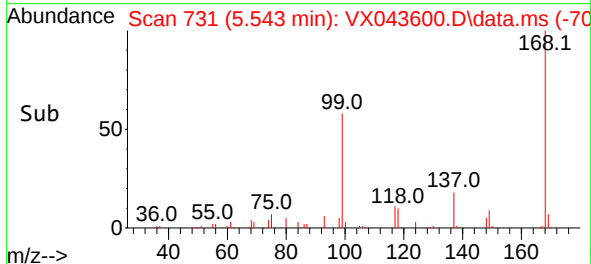
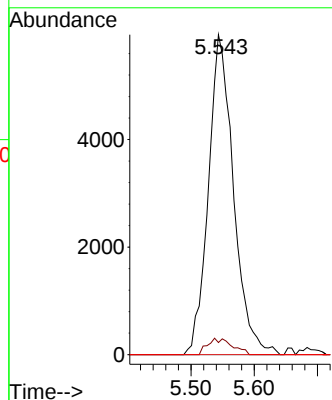


#38
Carbon Tetrachloride
Concen: 6.315 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043600.D
Acq: 29 Oct 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :

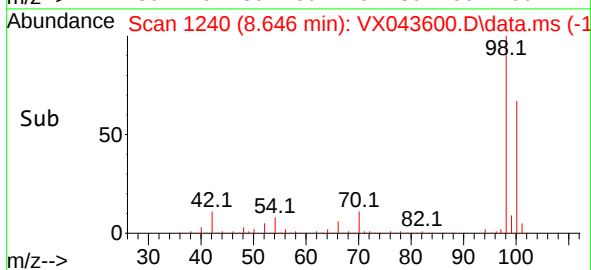
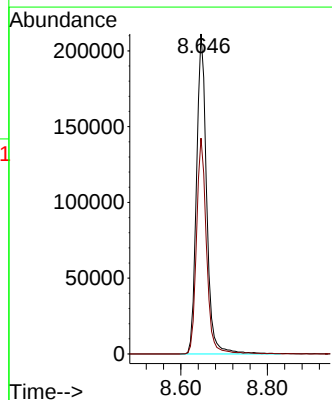
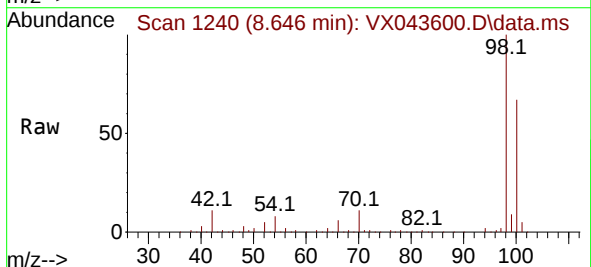


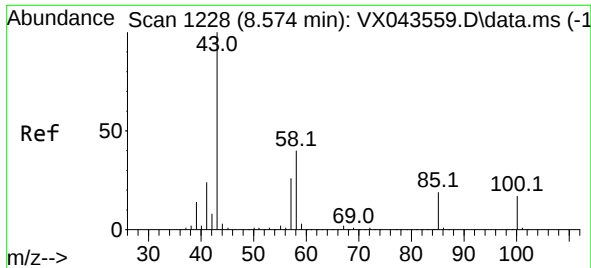
Tgt Ion:117 Resp: 16422
Ion Ratio Lower Upper
117 100
119 3.8 77.0 115.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.873 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043600.D
Acq: 29 Oct 2024 16:24

Tgt Ion: 98 Resp: 342648
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.2

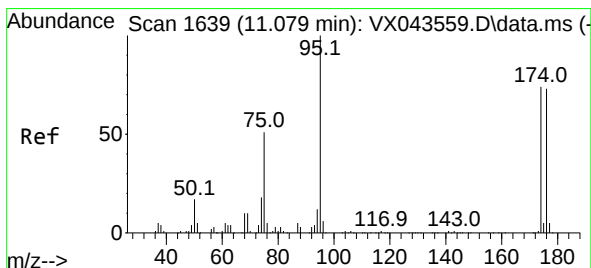
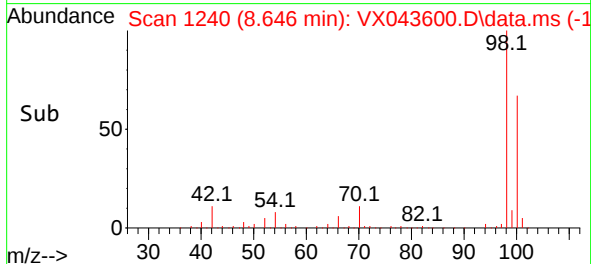
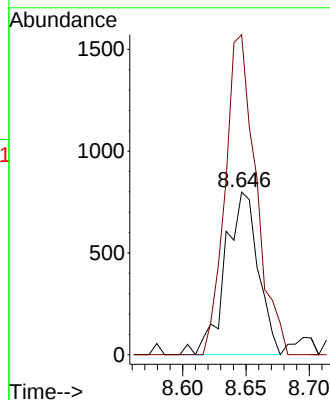
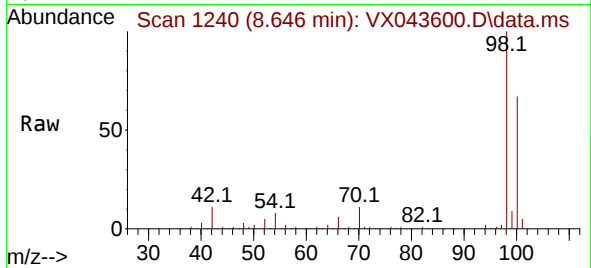




#51
4-Methyl-2-Pentanone
Concen: 0.503 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX043600.D
Acq: 29 Oct 2024 16:24

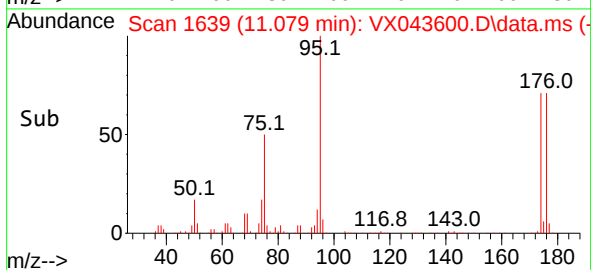
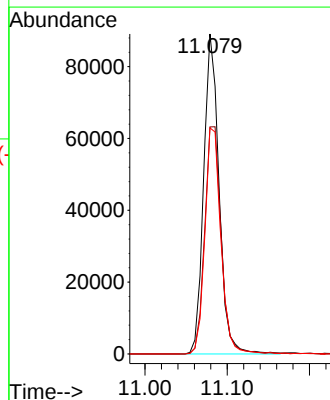
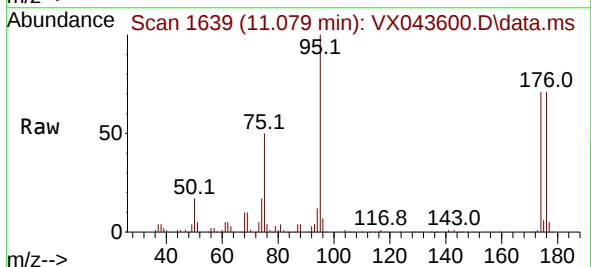
Instrument :
MSVOA_X
ClientSampleId :

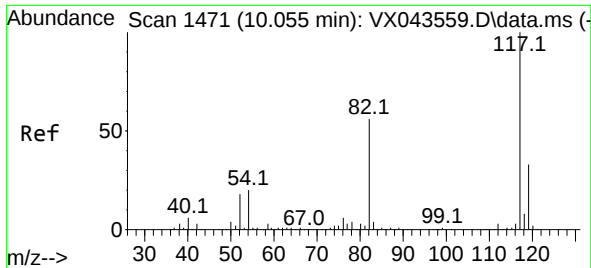
Tgt Ion: 43 Resp: 1448
Ion Ratio Lower Upper
43 100
58 184.2 31.7 47.5#



#62
4-Bromofluorobenzene
Concen: 45.434 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043600.D
Acq: 29 Oct 2024 16:24

Tgt Ion: 95 Resp: 115668
Ion Ratio Lower Upper
95 100
174 76.2 0.0 146.6
176 73.5 0.0 139.6

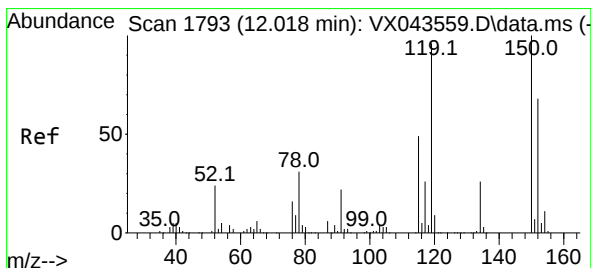
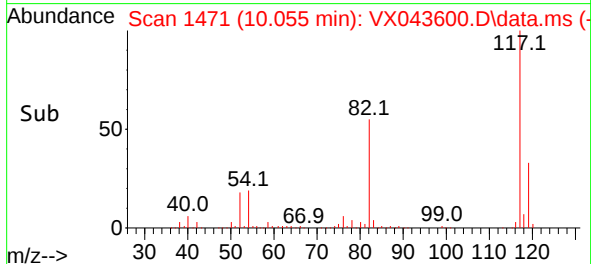
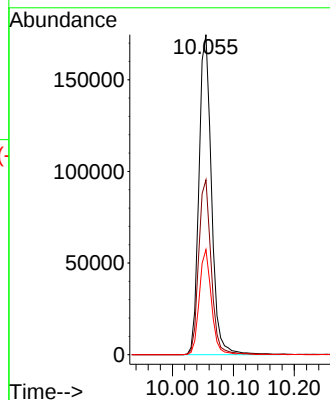
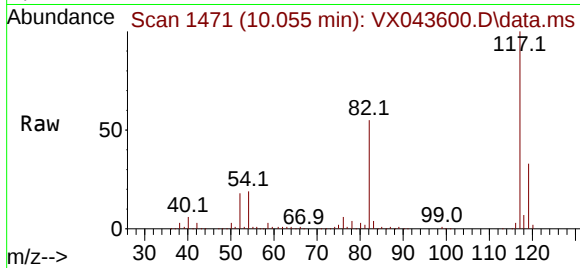




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043600.D
Acq: 29 Oct 2024 16:24

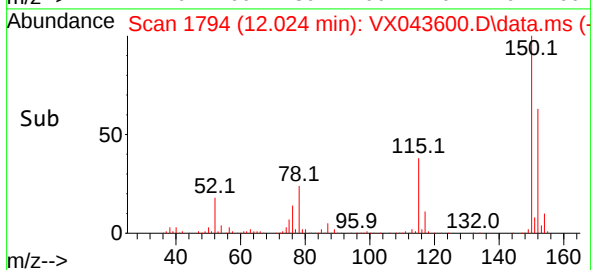
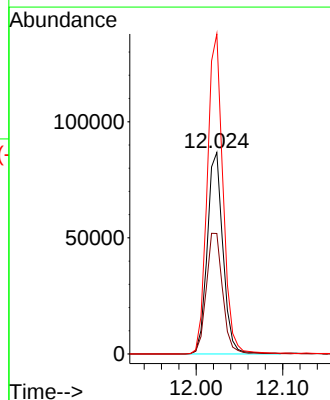
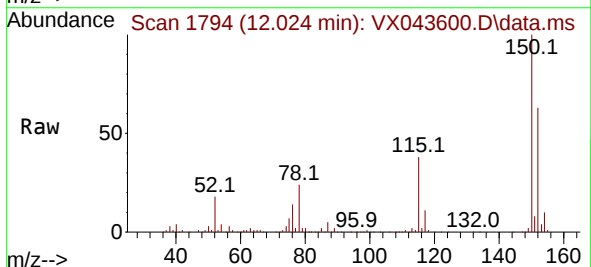
Instrument :
MSVOA_X
ClientSampleId :

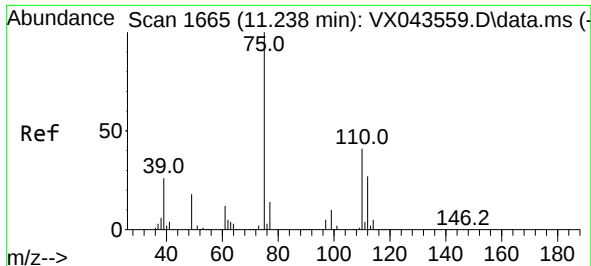
Tgt Ion:117 Resp: 249474
Ion Ratio Lower Upper
117 100
82 54.7 42.1 63.1
119 32.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX043600.D
Acq: 29 Oct 2024 16:24

Tgt Ion:152 Resp: 109255
Ion Ratio Lower Upper
152 100
115 62.6 42.9 128.7
150 159.2 0.0 343.6

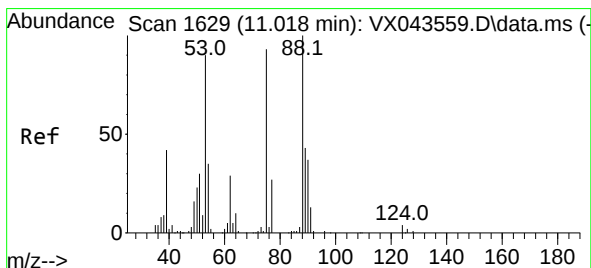
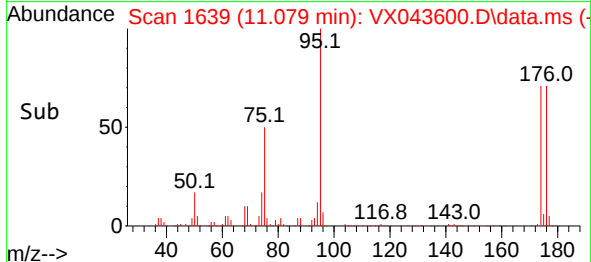
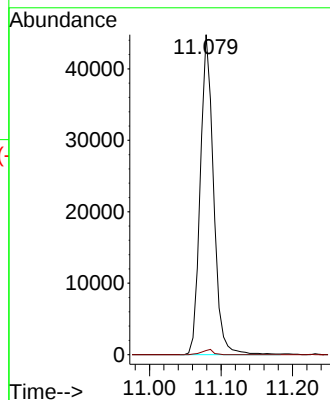
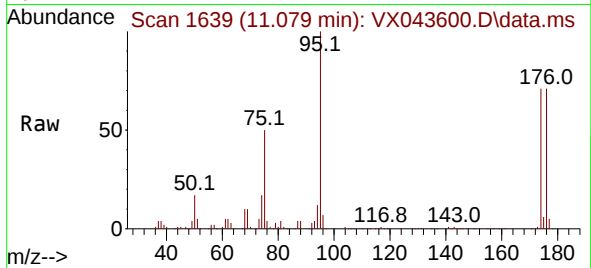




#76
1,2,3-Trichloropropane
Concen: 24.761 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043600.D
Acq: 29 Oct 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 57843
Ion Ratio Lower Upper
75 100
77 1.4 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.119 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043600.D
Acq: 29 Oct 2024 16:24

Tgt Ion: 75 Resp: 57843
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#

