

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043592.D
 Acq On : 29 Oct 2024 13:19
 Operator : JC/MD
 Sample : P4548-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:30:51 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)

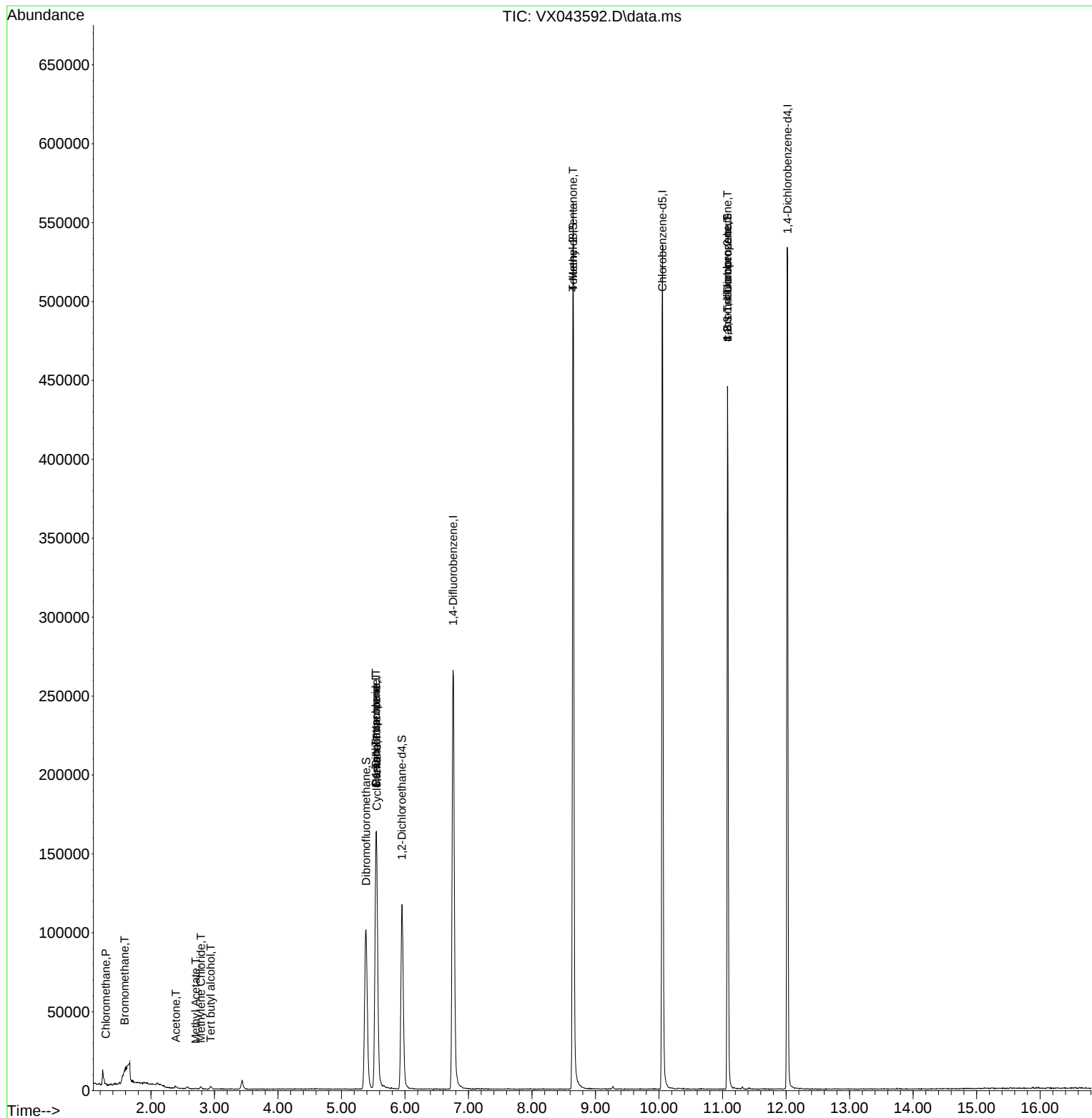
Internal Standards						
1) Pentafluorobenzene	5.550	168	160173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	298248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	113453	44.422	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.840%		
35) Dibromofluoromethane	5.385	113	92267	45.622	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.240%		
50) Toluene-d8	8.647	98	348344	49.758	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.520%		
62) 4-Bromofluorobenzene	11.079	95	123224	47.500	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.000%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	583	0.266	ug/l #	86
5) Bromomethane	1.587	94	295	0.356	ug/l #	47
11) Tert butyl alcohol	2.940	59	686	1.439	ug/l #	100
16) Acetone	2.392	43	1574	1.552	ug/l #	82
18) Methyl Acetate	2.703	43	617	0.208	ug/l #	51
20) Methylene Chloride	2.788	84	780	0.357	ug/l #	77
31) Cyclohexane	5.556	56	3102	1.150	ug/l #	17
36) 1,1-Dichloropropene	5.544	75	12585	5.248	ug/l #	49
38) Carbon Tetrachloride	5.544	117	17527	6.615	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1375	0.469	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	60608	24.535	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	60608	67.498	ug/l #	7

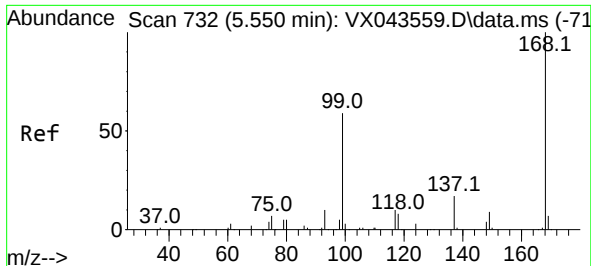
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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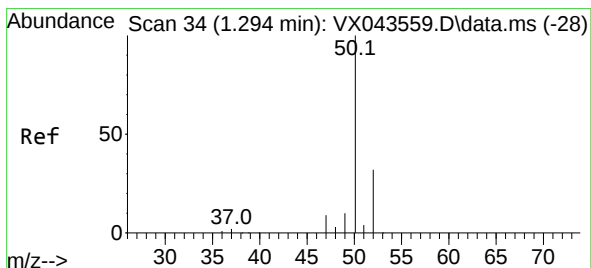
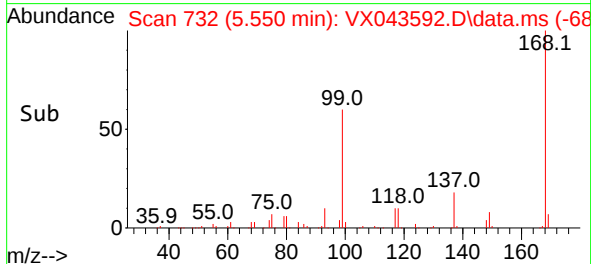
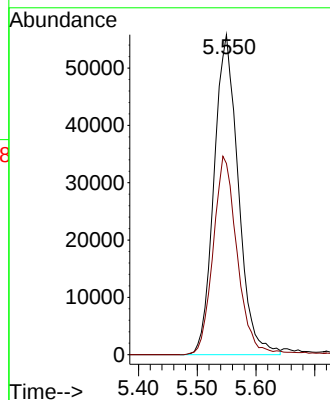
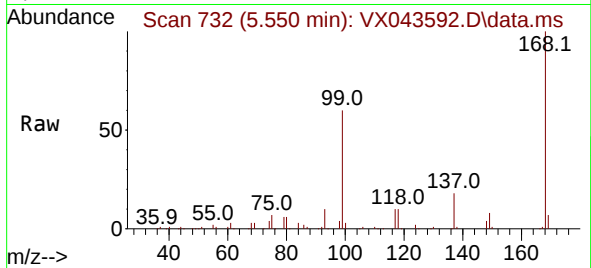




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043592.D
Acq: 29 Oct 2024 13:19

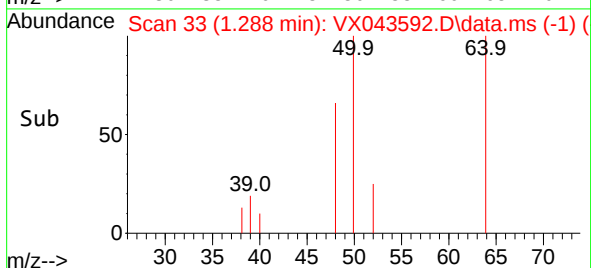
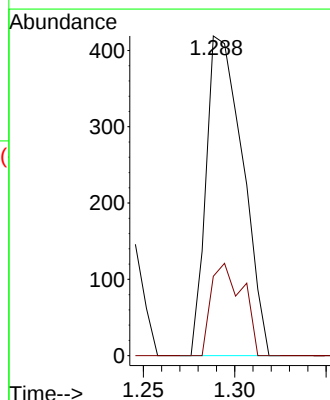
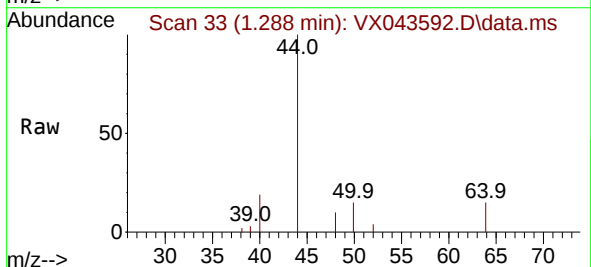
Instrument :
MSVOA_X
ClientSampleId :

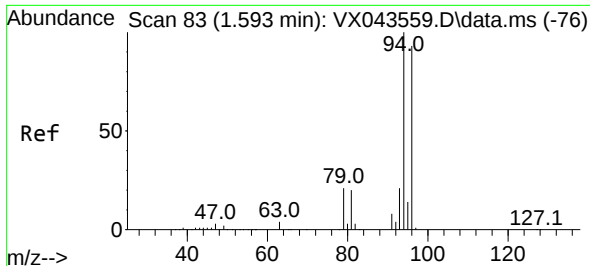
Tgt Ion:168 Resp: 160173
Ion Ratio Lower Upper
168 100
99 59.8 52.6 78.8



#3
Chloromethane
Concen: 0.266 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX043592.D
Acq: 29 Oct 2024 13:19

Tgt Ion: 50 Resp: 583
Ion Ratio Lower Upper
50 100
52 24.8 26.3 39.5#

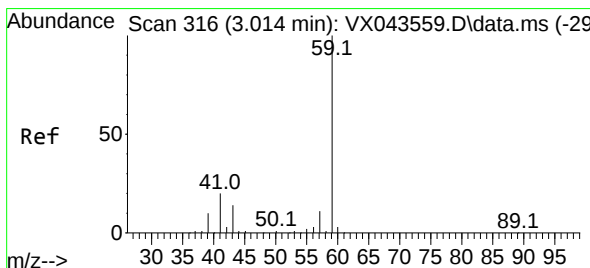
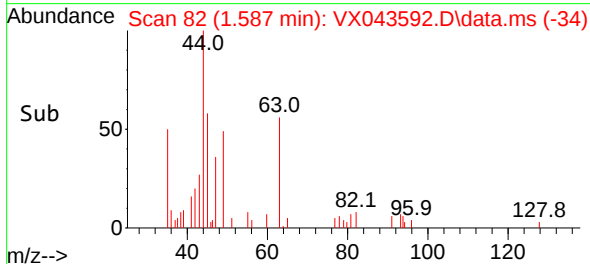
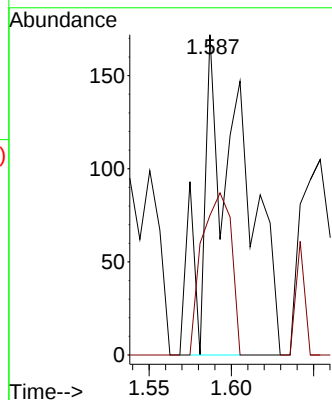
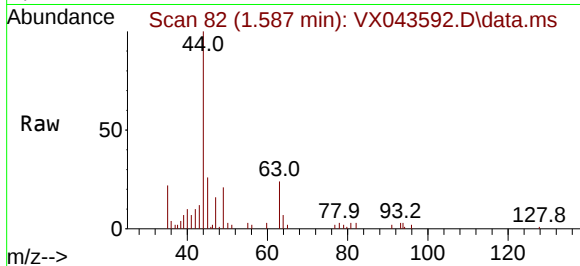




#5
Bromomethane
Concen: 0.356 ug/l
RT: 1.587 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX043592.D
Acq: 29 Oct 2024 13:19

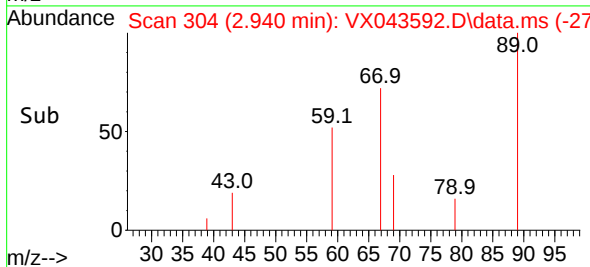
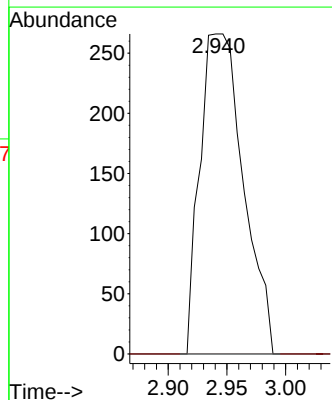
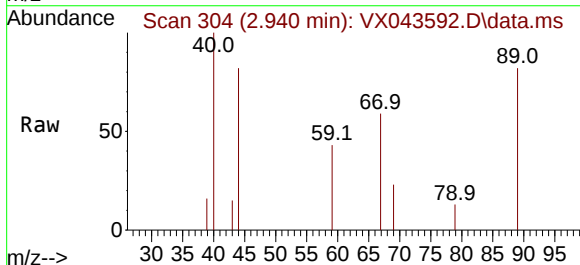
Instrument :
MSVOA_X
ClientSampleId :

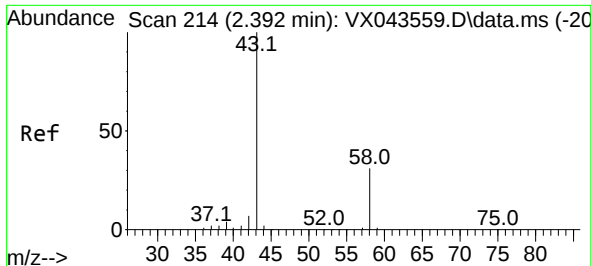
Tgt Ion: 94 Resp: 295
Ion Ratio Lower Upper
94 100
96 43.6 75.9 113.9#



#11
Tert butyl alcohol
Concen: 1.439 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.110 min
Lab File: VX043592.D
Acq: 29 Oct 2024 13:19

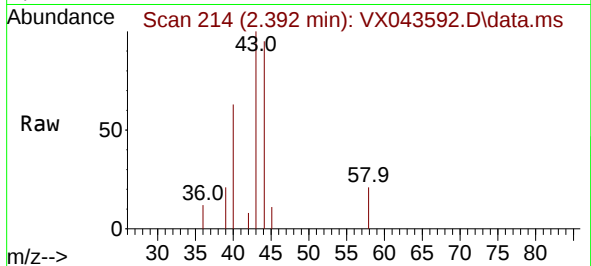
Tgt Ion: 59 Resp: 686
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



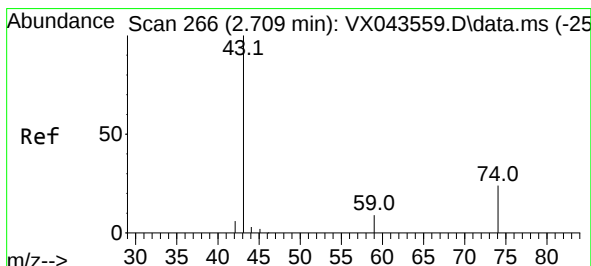
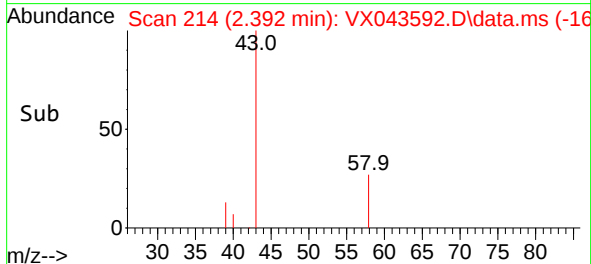
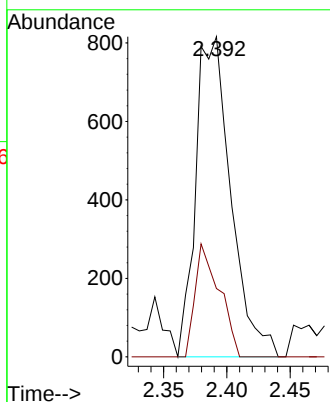


#16
Acetone
Concen: 1.552 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043592.D
Acq: 29 Oct 2024 13:19

Instrument :
MSVOA_X
ClientSampleId :

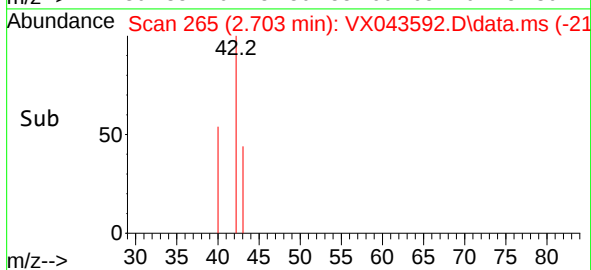
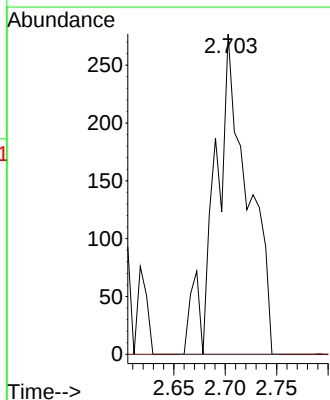
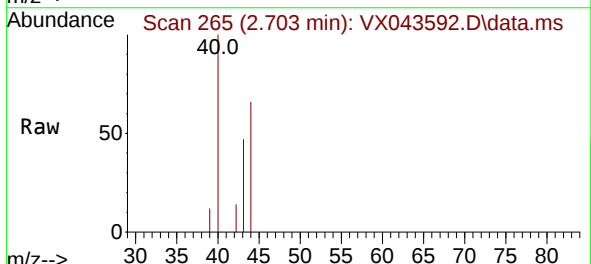


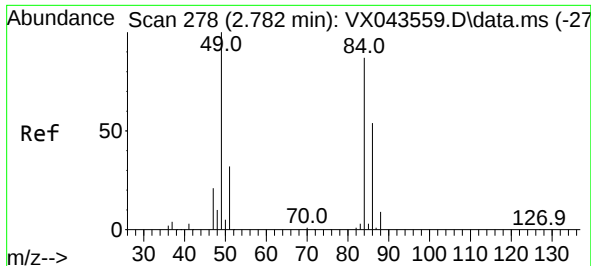
Tgt Ion: 43 Resp: 1574
Ion Ratio Lower Upper
43 100
58 21.3 25.1 37.7#



#18
Methyl Acetate
Concen: 0.208 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX043592.D
Acq: 29 Oct 2024 13:19

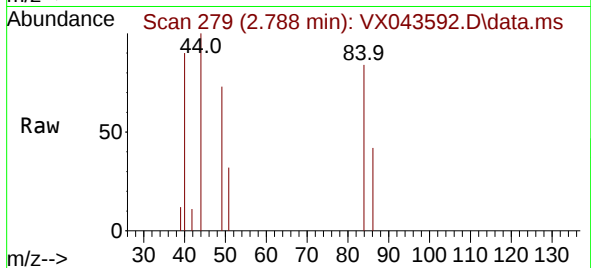
Tgt Ion: 43 Resp: 617
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



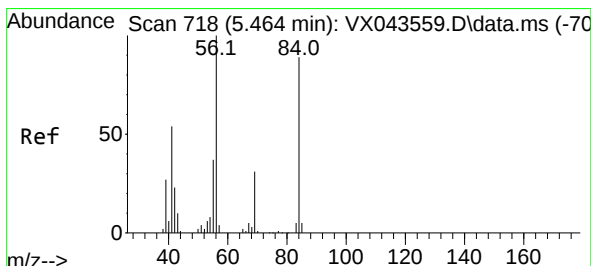
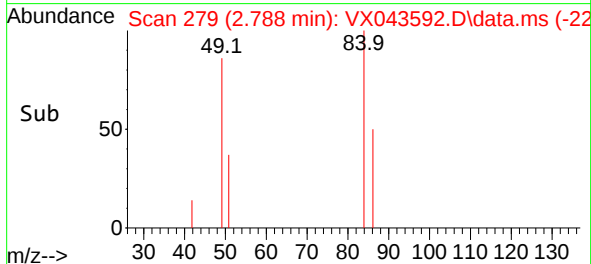
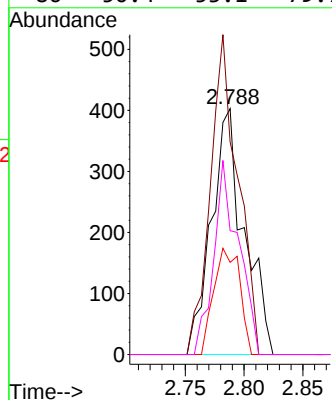


#20
Methylene Chloride
Concen: 0.357 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043592.D
Acq: 29 Oct 2024 13:19

Instrument :
MSVOA_X
ClientSampleId :

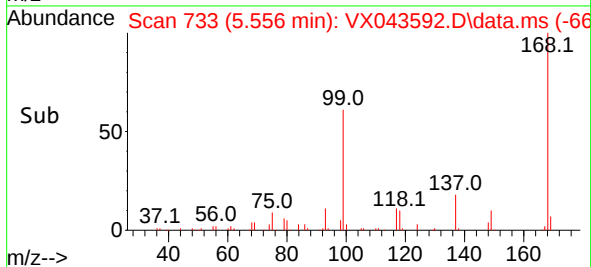
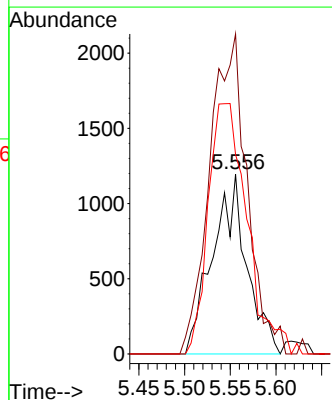
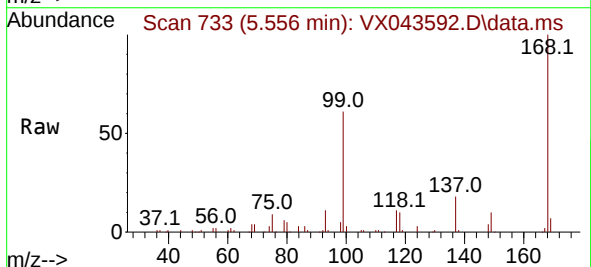


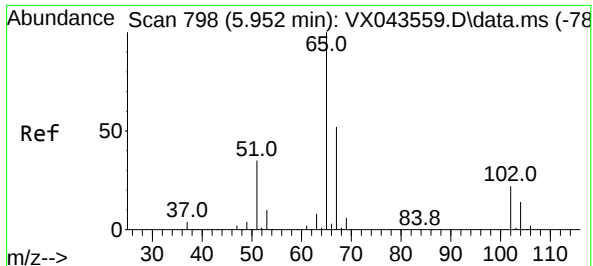
Tgt Ion:	84	Resp:	780
Ion	Ratio	Lower	Upper
84	100		
49	86.4	97.0	145.6#
51	37.5	29.8	44.8
86	50.4	53.1	79.7#



#31
Cyclohexane
Concen: 1.150 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.098 min
Lab File: VX043592.D
Acq: 29 Oct 2024 13:19

Tgt Ion:	56	Resp:	3102
Ion	Ratio	Lower	Upper
56	100		
69	177.9	24.9	37.3#
84	110.9	73.3	109.9#





#33

1,2-Dichloroethane-d4

Concen: 44.422 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043592.D

Acq: 29 Oct 2024 13:19

Instrument :

MSVOA_X

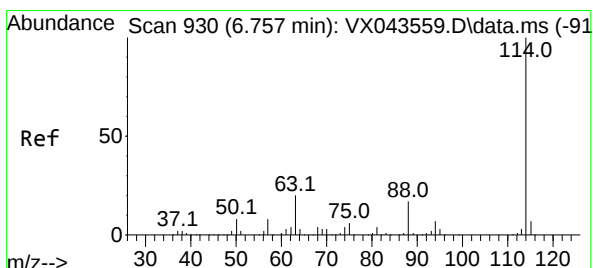
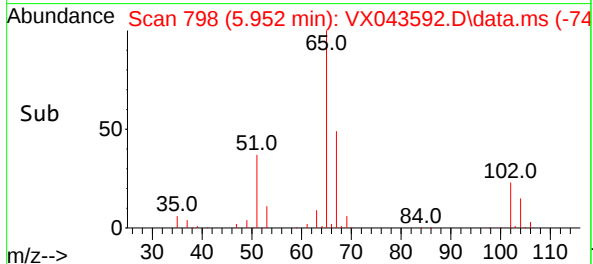
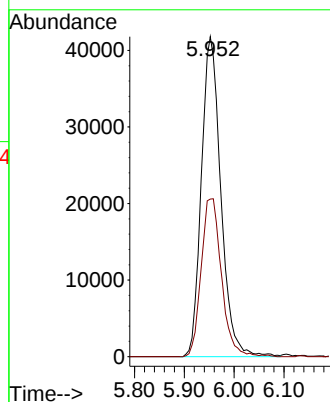
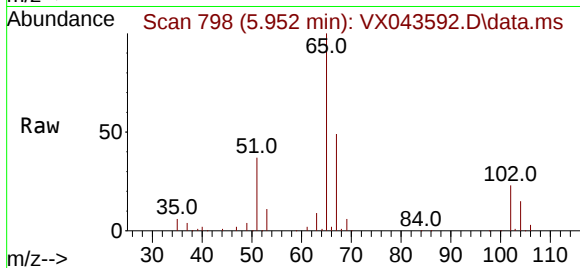
ClientSampleId :

Tgt Ion: 65 Resp: 113453

Ion Ratio Lower Upper

65 100

67 51.3 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: VX043592.D

Acq: 29 Oct 2024 13:19

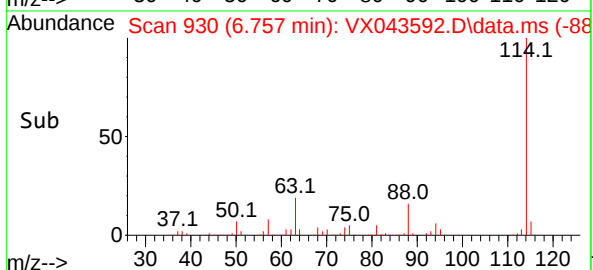
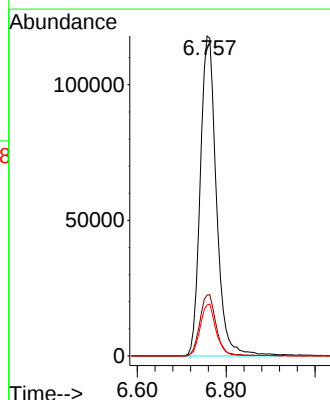
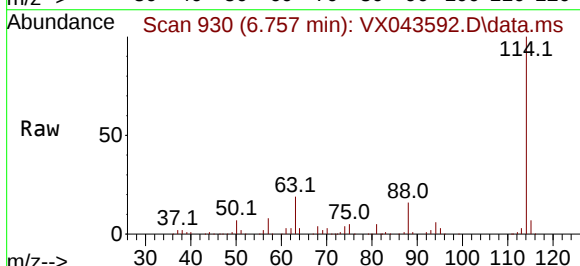
Tgt Ion: 114 Resp: 298248

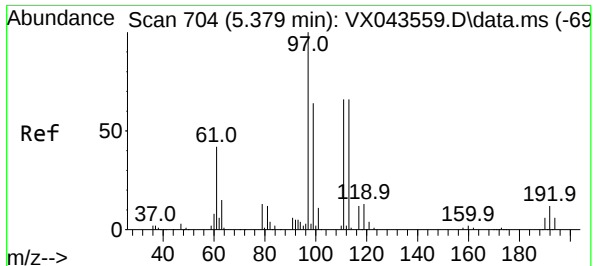
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.2

88 15.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 45.622 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.000 min

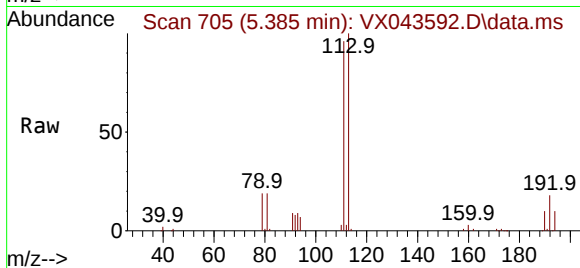
Lab File: VX043592.D

Acq: 29 Oct 2024 13:19

Instrument :

MSVOA_X

ClientSampleId :



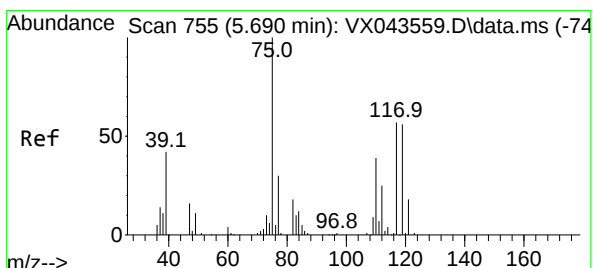
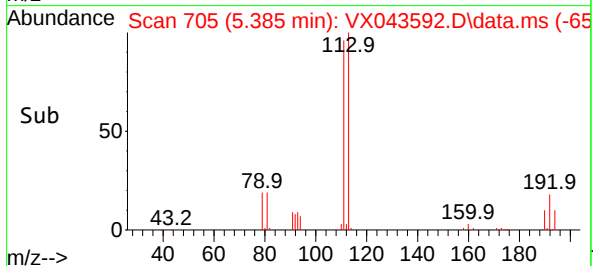
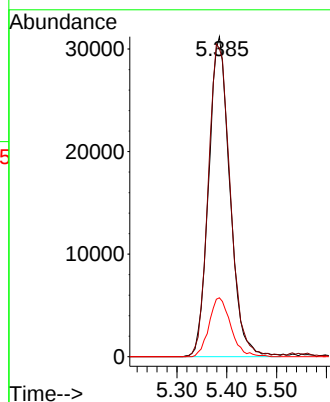
Tgt Ion:113 Resp: 92267

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 18.8 14.1 21.1



#36

1,1-Dichloropropene

Concen: 5.248 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX043592.D

Acq: 29 Oct 2024 13:19

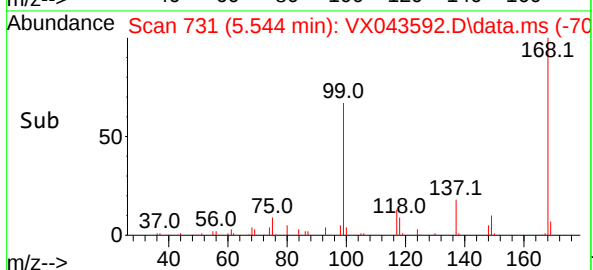
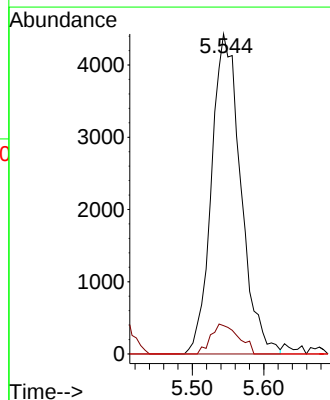
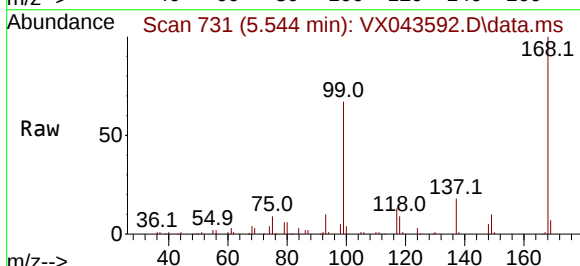
Tgt Ion: 75 Resp: 12585

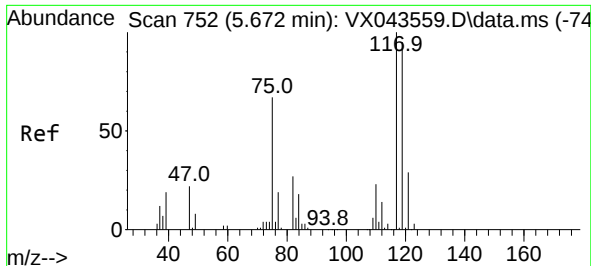
Ion Ratio Lower Upper

75 100

110 8.8 17.9 53.7#

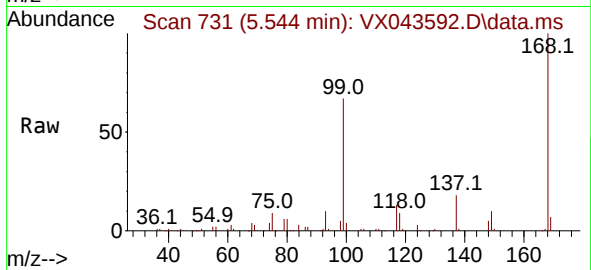
77 0.0 25.0 37.4#



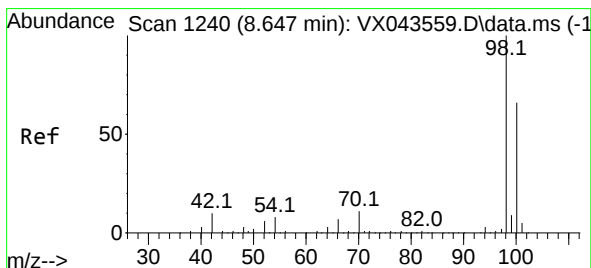
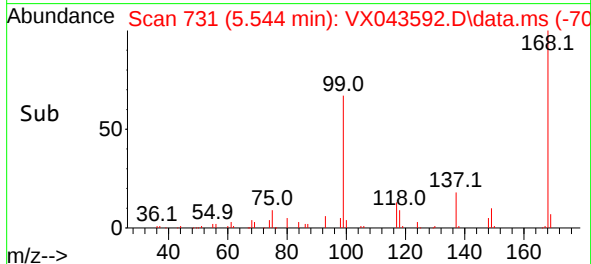
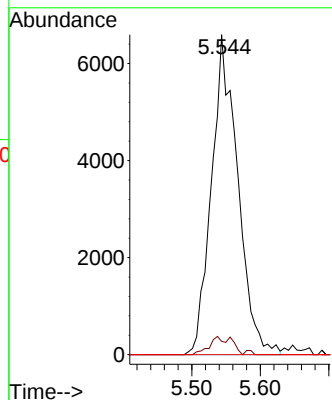


#38
Carbon Tetrachloride
Concen: 6.615 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043592.D
Acq: 29 Oct 2024 13:19

Instrument :
MSVOA_X
ClientSampleId :

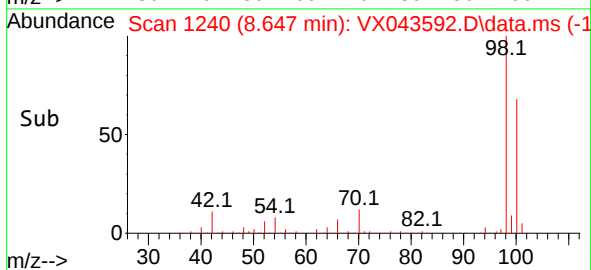
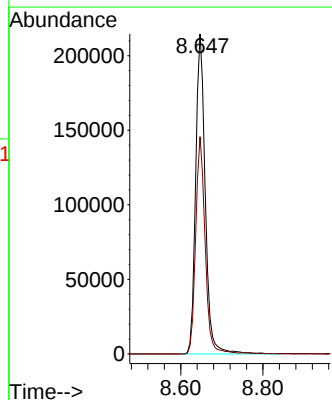
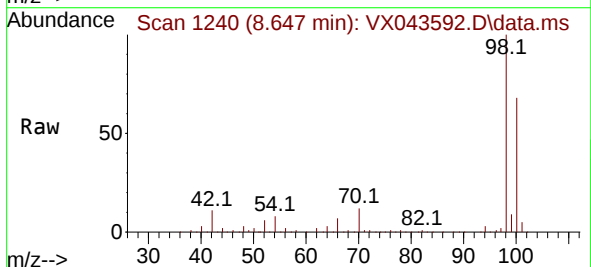


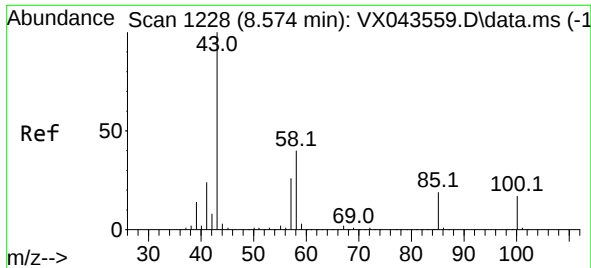
Tgt Ion:117 Resp: 17527
Ion Ratio Lower Upper
117 100
119 4.2 77.0 115.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.758 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043592.D
Acq: 29 Oct 2024 13:19

Tgt Ion: 98 Resp: 348344
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.2

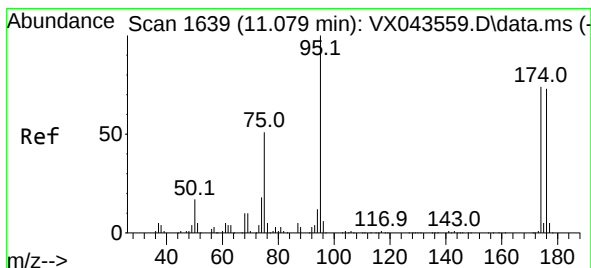
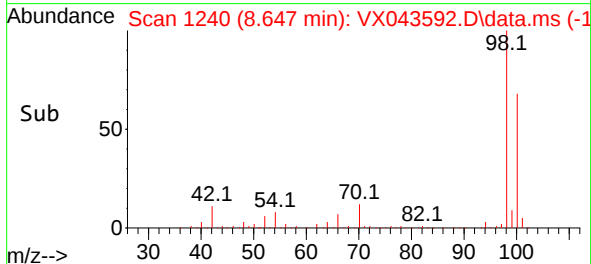
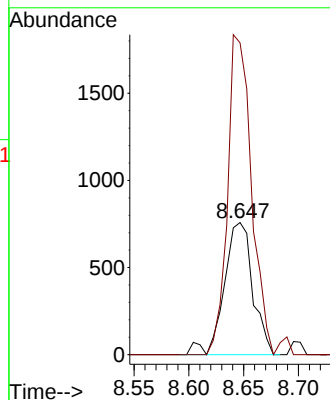
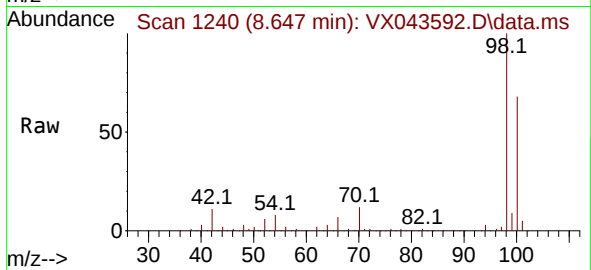




#51
4-Methyl-2-Pentanone
Concen: 0.469 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX043592.D
Acq: 29 Oct 2024 13:19

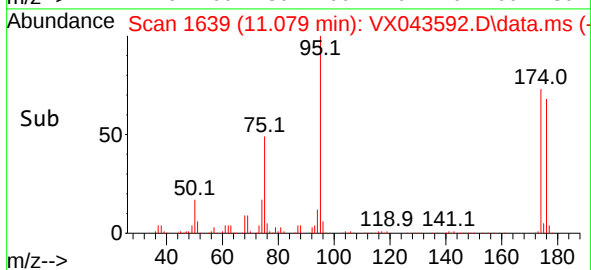
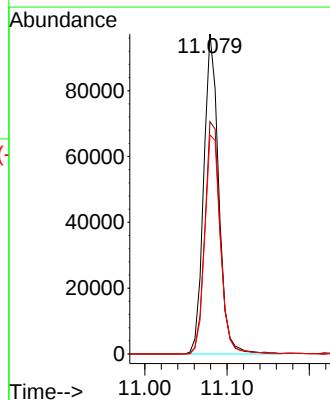
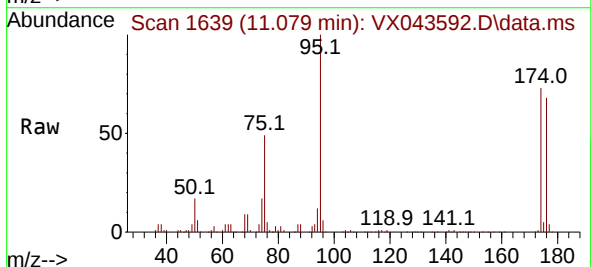
Instrument :
MSVOA_X
ClientSampleId :

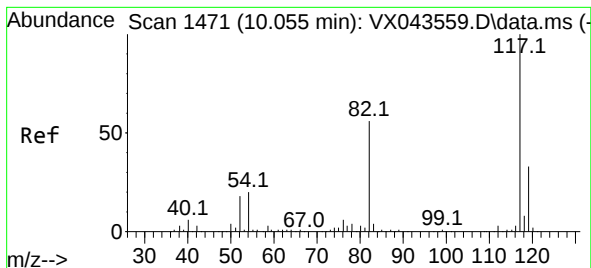
Tgt Ion: 43 Resp: 1375
Ion Ratio Lower Upper
43 100
58 206.8 31.7 47.5#



#62
4-Bromofluorobenzene
Concen: 47.500 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043592.D
Acq: 29 Oct 2024 13:19

Tgt Ion: 95 Resp: 123224
Ion Ratio Lower Upper
95 100
174 75.1 0.0 146.6
176 71.6 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: VX043592.D

Acq: 29 Oct 2024 13:19

Instrument :

MSVOA_X

ClientSampleId :

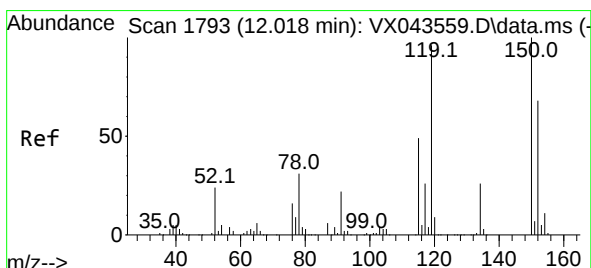
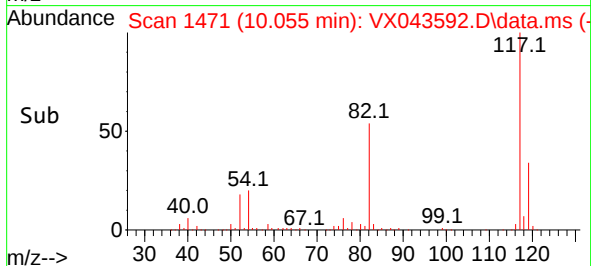
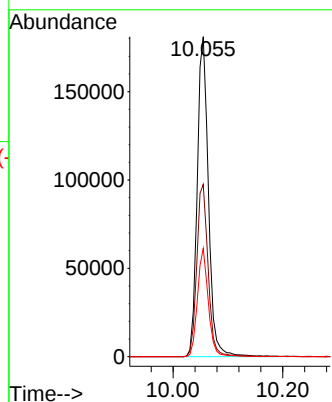
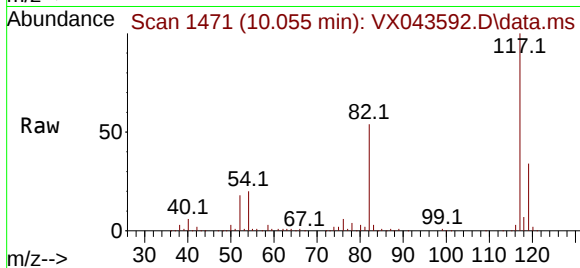
Tgt Ion:117 Resp: 258594

Ion Ratio Lower Upper

117 100

82 53.9 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: VX043592.D

Acq: 29 Oct 2024 13:19

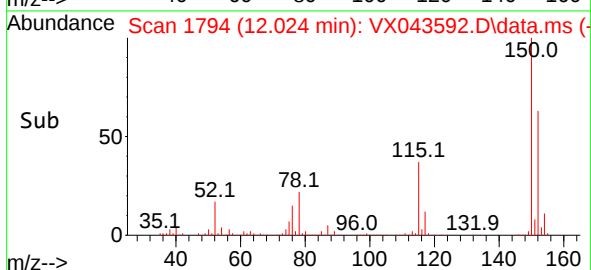
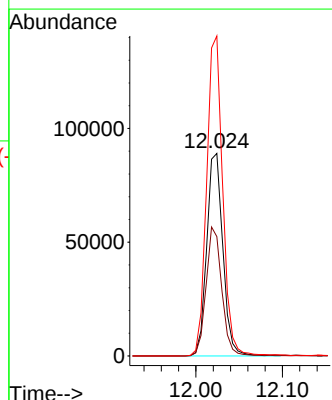
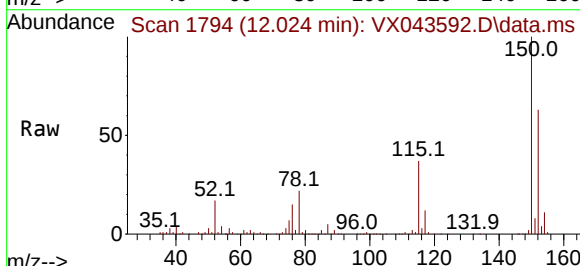
Tgt Ion:152 Resp: 115532

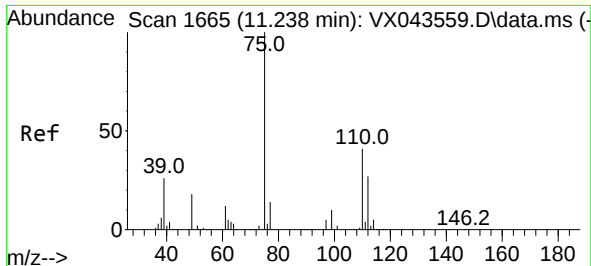
Ion Ratio Lower Upper

152 100

115 61.7 42.9 128.7

150 157.1 0.0 343.6

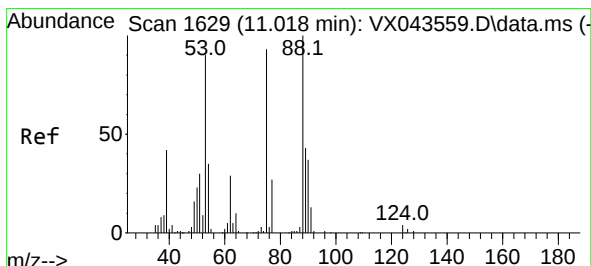
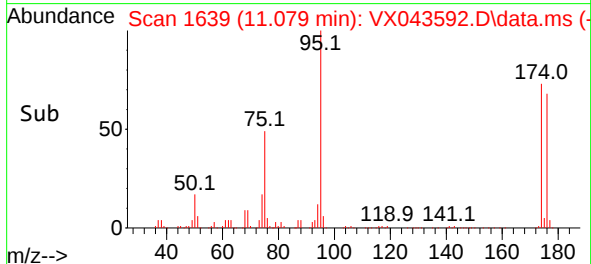
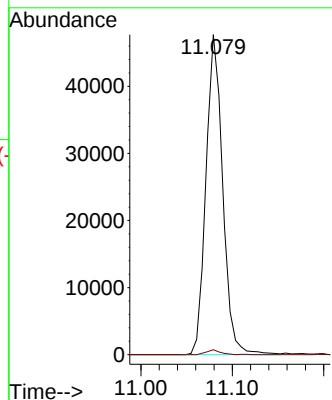
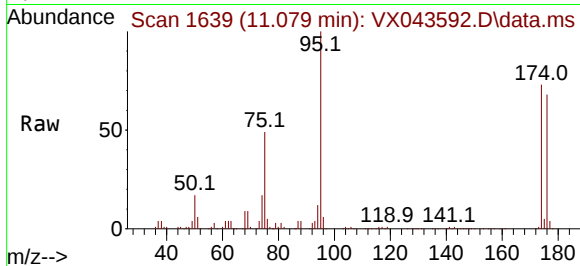




#76
1,2,3-Trichloropropane
Concen: 24.535 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043592.D
Acq: 29 Oct 2024 13:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 60608
Ion Ratio Lower Upper
75 100
77 1.3 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.498 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043592.D
Acq: 29 Oct 2024 13:19

Tgt Ion: 75 Resp: 60608
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#

