

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043597.D
 Acq On : 29 Oct 2024 15:15
 Operator : JC/MD
 Sample : P4578-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:33:12 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)

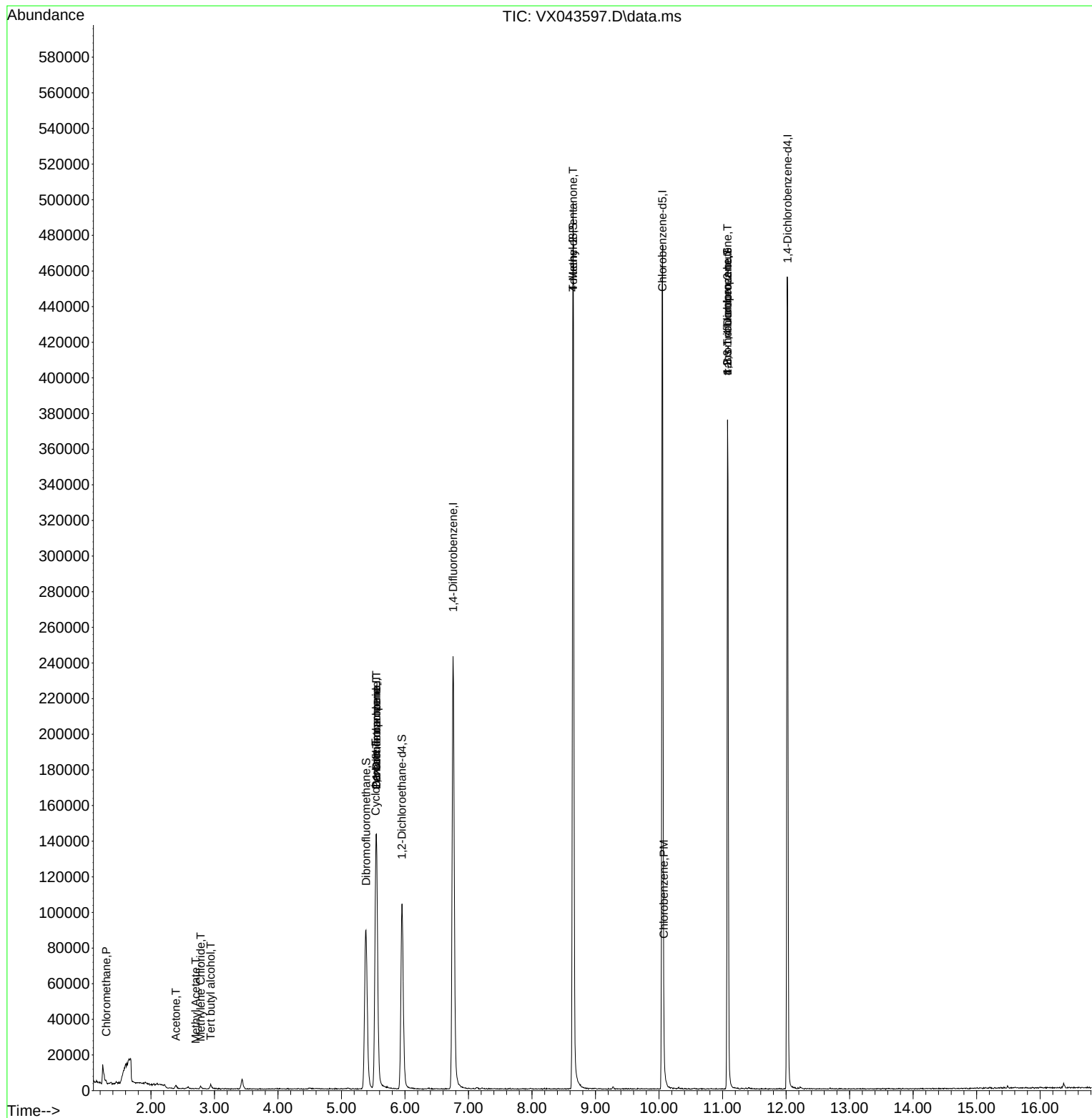
Internal Standards						
1) Pentafluorobenzene	5.550	168	142289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	262462	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99807	43.991	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.980%		
35) Dibromofluoromethane	5.385	113	83334	46.824	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.640%		
50) Toluene-d8	8.647	98	314533	51.054	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.100%		
62) 4-Bromofluorobenzene	11.079	95	108691	47.611	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.220%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	460	0.236	ug/l	99
11) Tert butyl alcohol	2.941	59	1106	2.612	ug/l #	100
16) Acetone	2.392	43	2008	2.229	ug/l	90
18) Methyl Acetate	2.703	43	555	0.211	ug/l #	51
20) Methylene Chloride	2.782	84	694	0.357	ug/l #	72
31) Cyclohexane	5.538	56	3014	1.258	ug/l #	13
36) 1,1-Dichloropropene	5.550	75	11075	5.248	ug/l #	49
38) Carbon Tetrachloride	5.550	117	14956	6.414	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1280	0.496	ug/l #	1
65) Chlorobenzene	10.073	112	1127	0.226	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	52974	24.556	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	52974	67.554	ug/l #	7

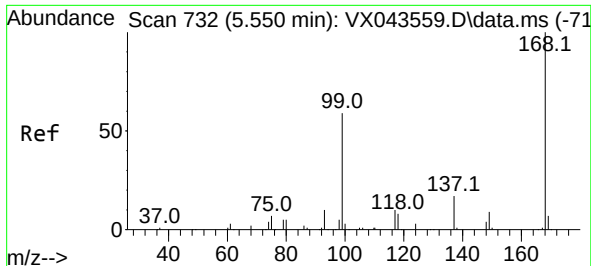
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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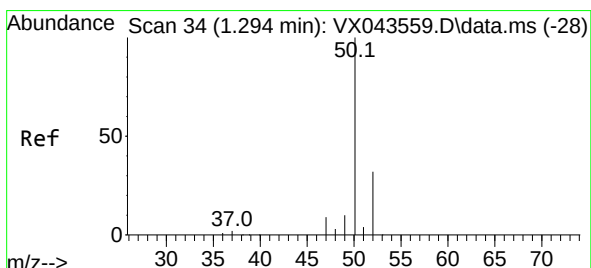
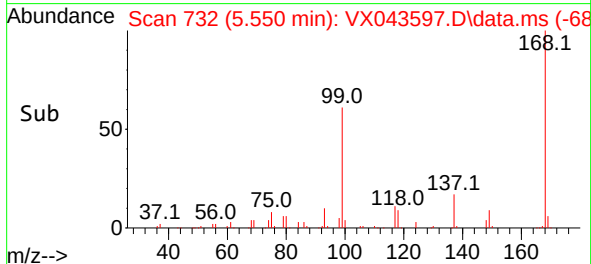
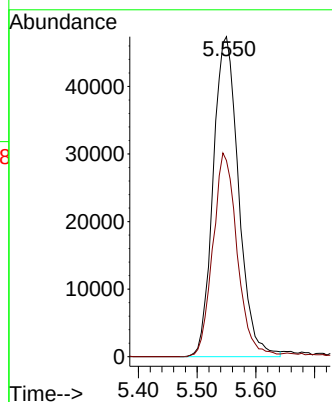
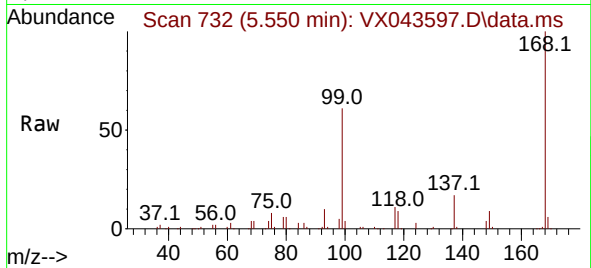




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043597.D
Acq: 29 Oct 2024 15:15

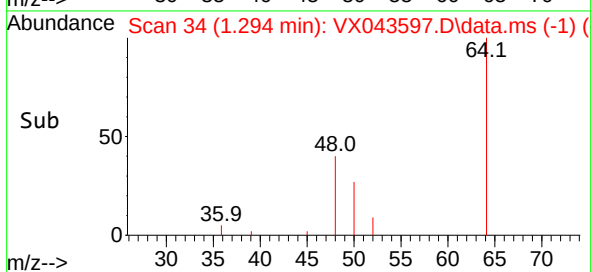
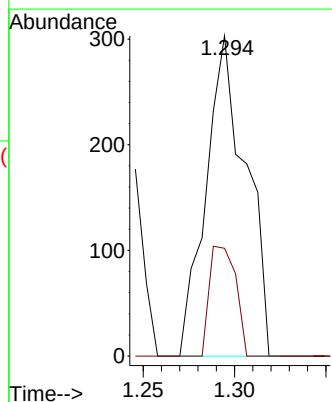
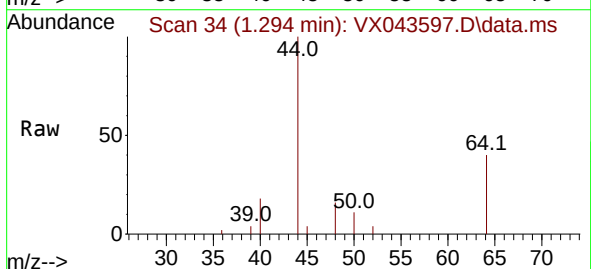
Instrument :
MSVOA_X
ClientSampleId :

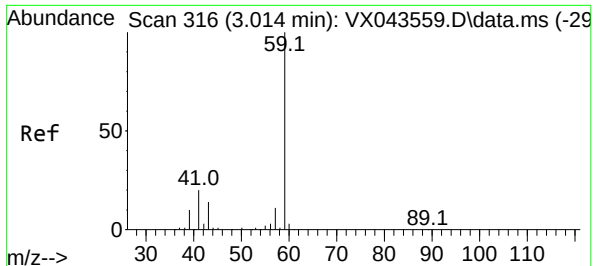
Tgt Ion:168 Resp: 142289
Ion Ratio Lower Upper
168 100
99 61.3 52.6 78.8



#3
Chloromethane
Concen: 0.236 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043597.D
Acq: 29 Oct 2024 15:15

Tgt Ion: 50 Resp: 460
Ion Ratio Lower Upper
50 100
52 33.7 26.3 39.5





#11

Tert butyl alcohol

Concen: 2.612 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.109 min

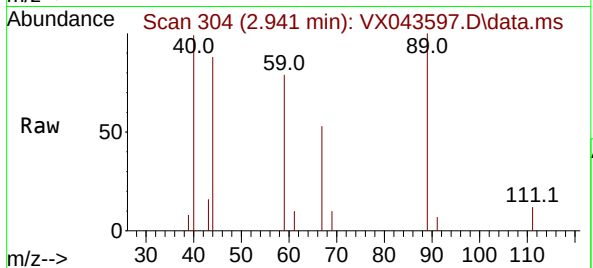
Lab File: VX043597.D

Acq: 29 Oct 2024 15:15

Instrument :

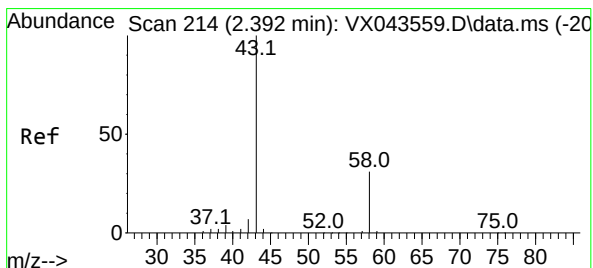
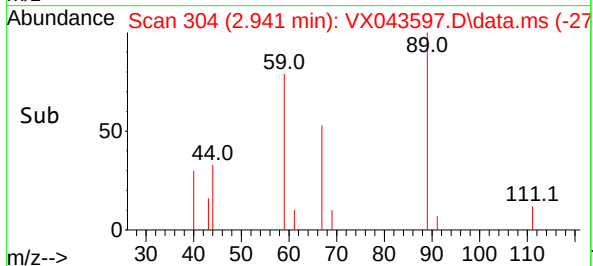
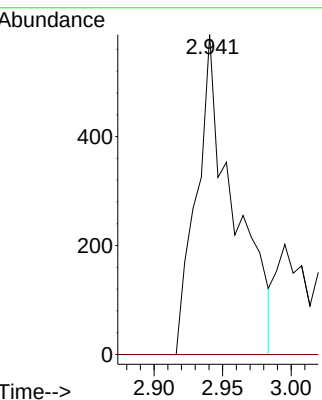
MSVOA_X

ClientSampleId :



Tgt Ion: 59 Resp: 1106

Ion	Ratio	Lower	Upper
59	100		
57	0.0	0.0	0.0



#16

Acetone

Concen: 2.229 ug/l

RT: 2.392 min Scan# 214

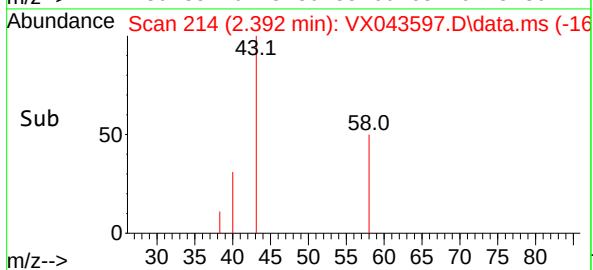
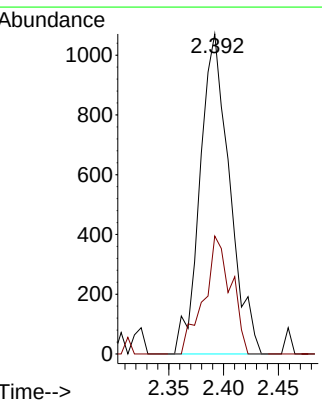
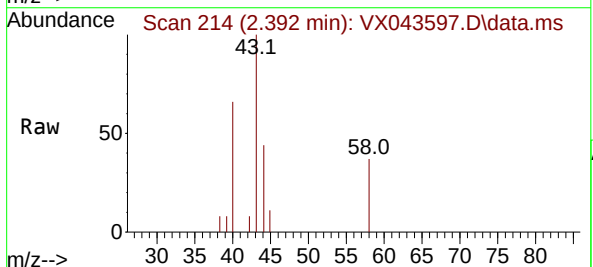
Delta R.T. -0.006 min

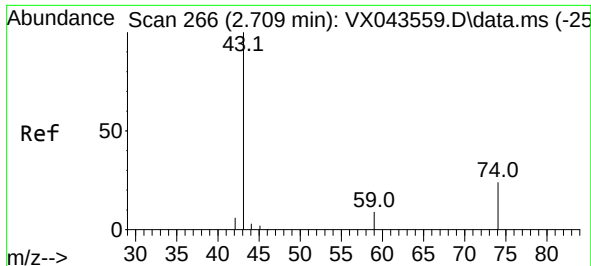
Lab File: VX043597.D

Acq: 29 Oct 2024 15:15

Tgt Ion: 43 Resp: 2008

Ion	Ratio	Lower	Upper
43	100		
58	36.9	25.1	37.7

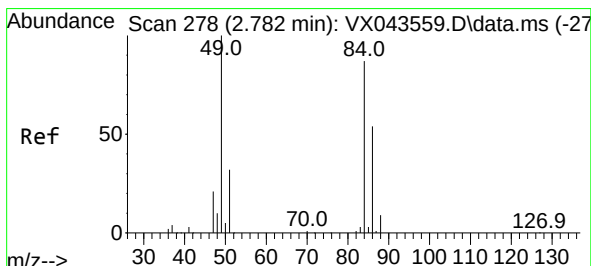
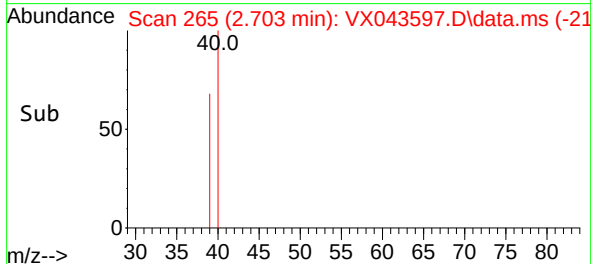
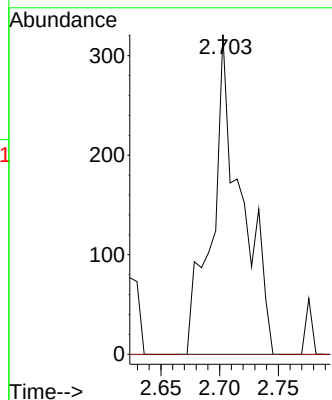
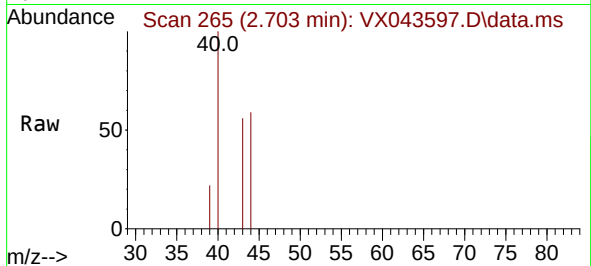




#18
Methyl Acetate
Concen: 0.211 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX043597.D
Acq: 29 Oct 2024 15:15

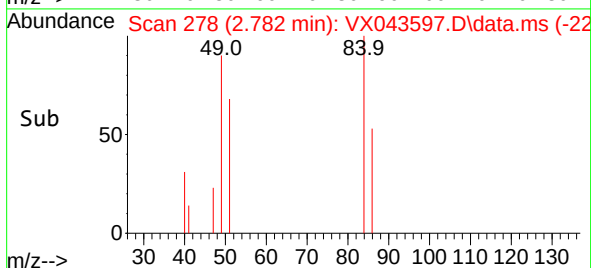
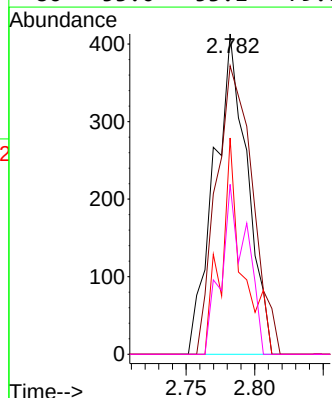
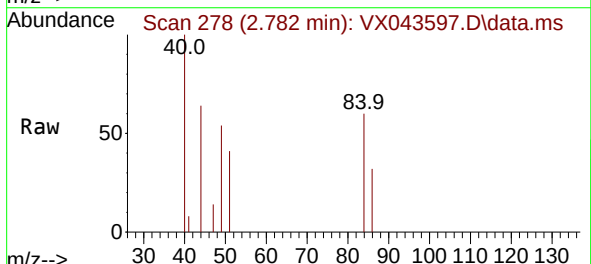
Instrument :
MSVOA_X
ClientSampleId :

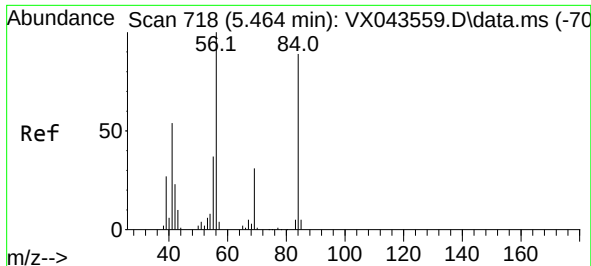
Tgt Ion: 43 Resp: 555
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#20
Methylene Chloride
Concen: 0.357 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX043597.D
Acq: 29 Oct 2024 15:15

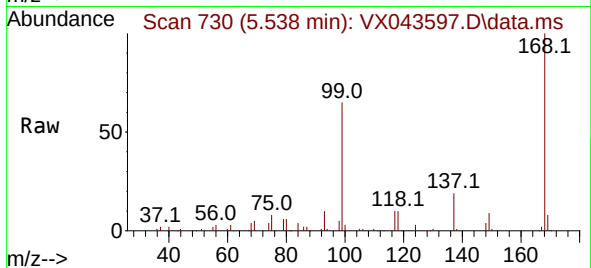
Tgt Ion: 84 Resp: 694
Ion Ratio Lower Upper
84 100
49 90.1 97.0 145.6#
51 67.6 29.8 44.8#
86 53.0 53.1 79.7#



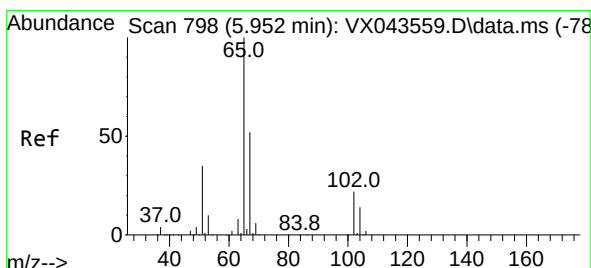
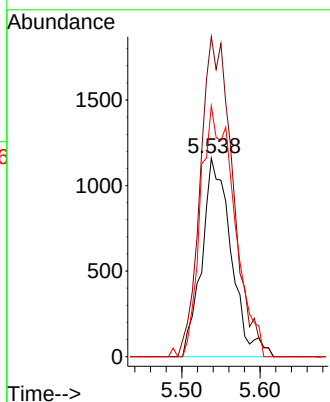
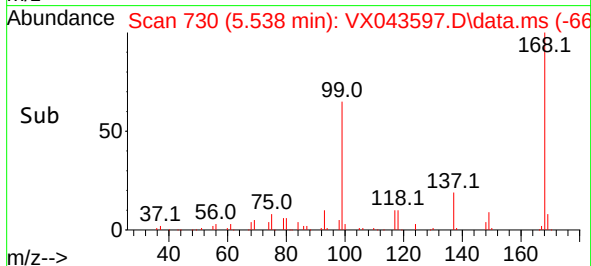


#31
Cyclohexane
Concen: 1.258 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX043597.D
Acq: 29 Oct 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :

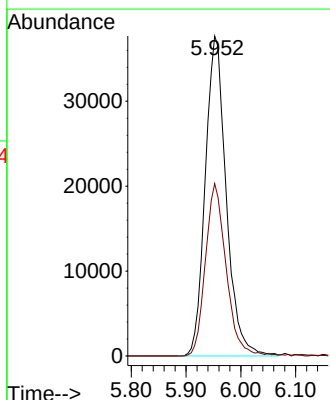
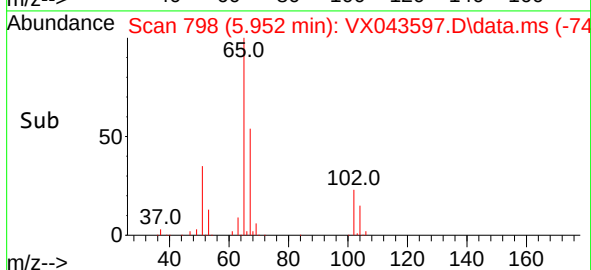
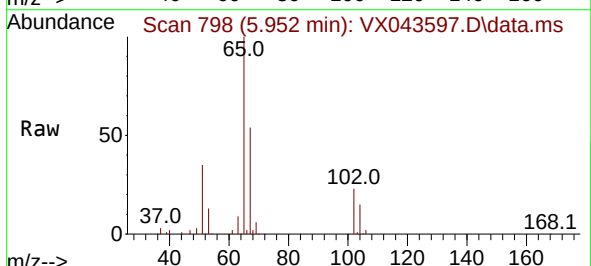


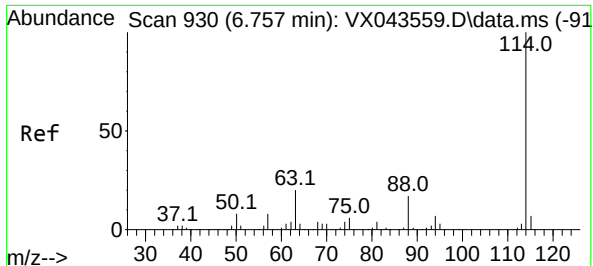
Tgt Ion: 56 Resp: 3014
Ion Ratio Lower Upper
56 100
69 161.3 24.9 37.3#
84 126.4 73.3 109.9#



#33
1,2-Dichloroethane-d4
Concen: 43.991 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043597.D
Acq: 29 Oct 2024 15:15

Tgt Ion: 65 Resp: 99807
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.4

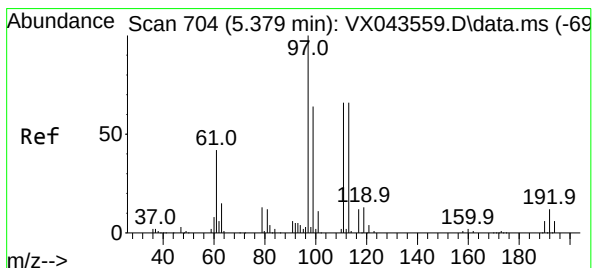
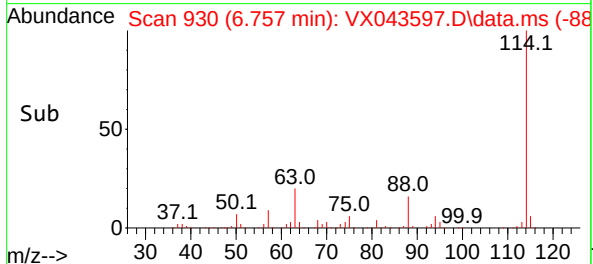
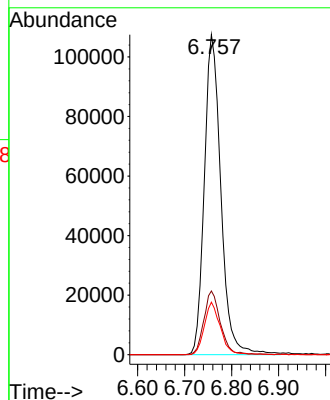
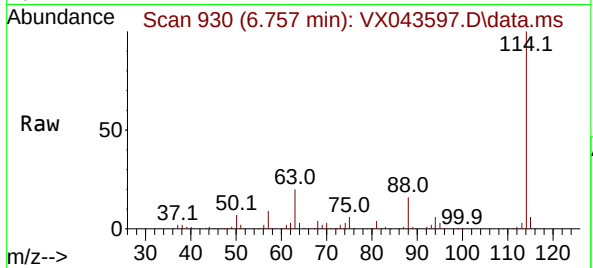




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043597.D
Acq: 29 Oct 2024 15:15

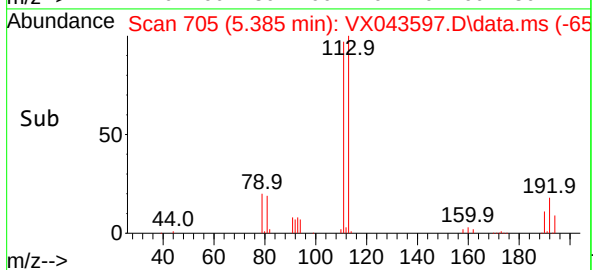
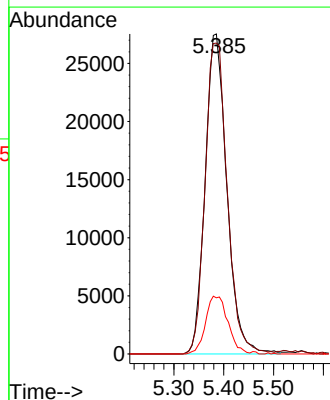
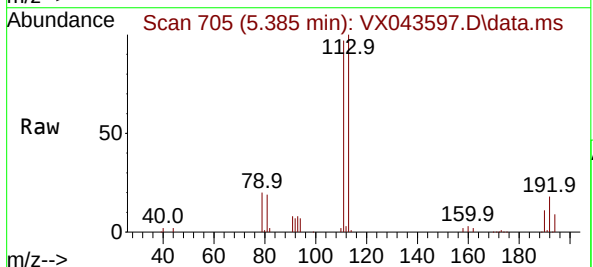
Instrument :
MSVOA_X
ClientSampleId :

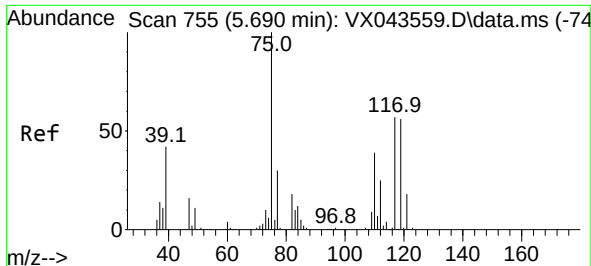
Tgt Ion:114 Resp: 262462
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.2
88 16.4 0.0 34.0



#35
Dibromofluoromethane
Concen: 46.824 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043597.D
Acq: 29 Oct 2024 15:15

Tgt Ion:113 Resp: 83334
Ion Ratio Lower Upper
113 100
111 99.6 81.4 122.0
192 18.5 14.1 21.1

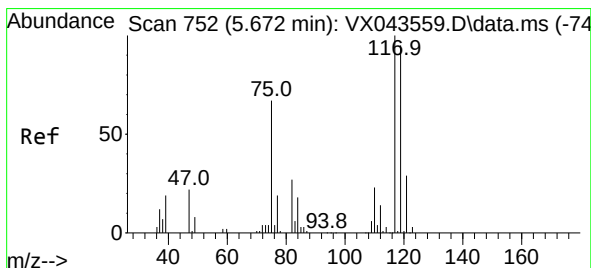
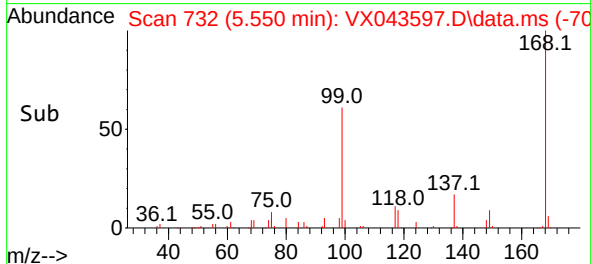
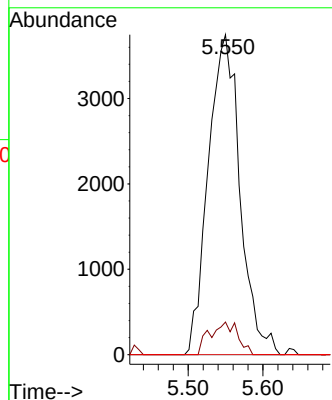
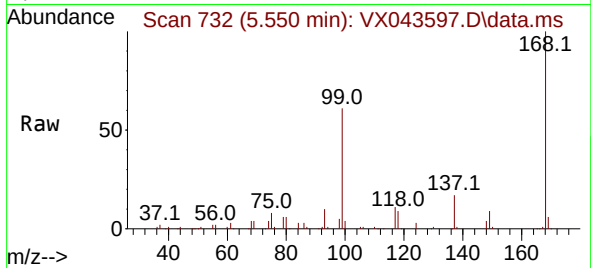




#36
1,1-Dichloropropene
Concen: 5.248 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX043597.D
Acq: 29 Oct 2024 15:15

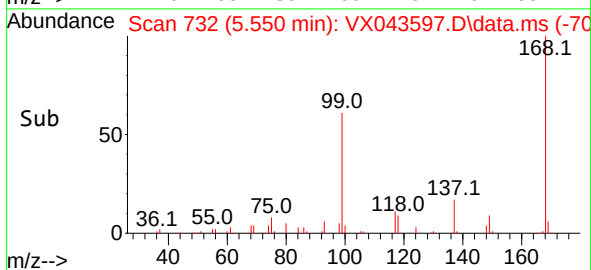
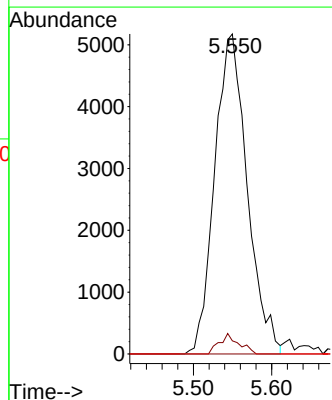
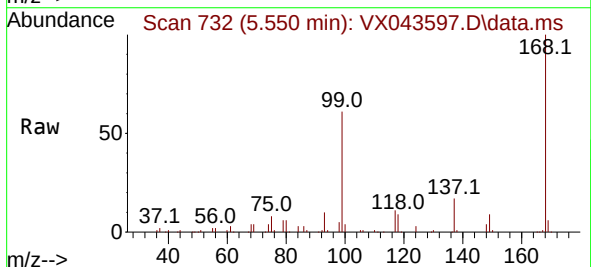
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MSVOA_X
ClientSampleId :

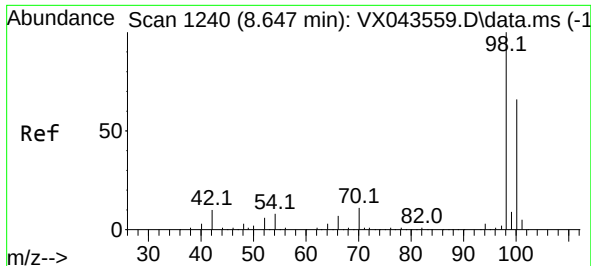
Tgt Ion: 75 Resp: 11075
Ion Ratio Lower Upper
75 100
110 9.0 17.9 53.7#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.414 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX043597.D
Acq: 29 Oct 2024 15:15

Tgt Ion: 117 Resp: 14956
Ion Ratio Lower Upper
117 100
119 4.1 77.0 115.6#
121 0.0 24.7 37.1#

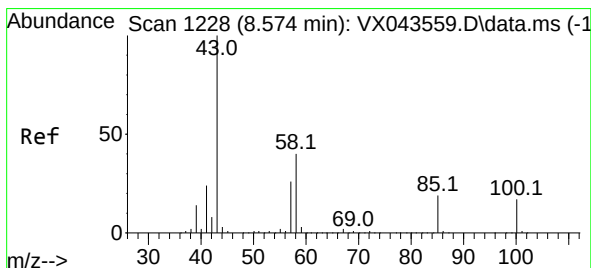
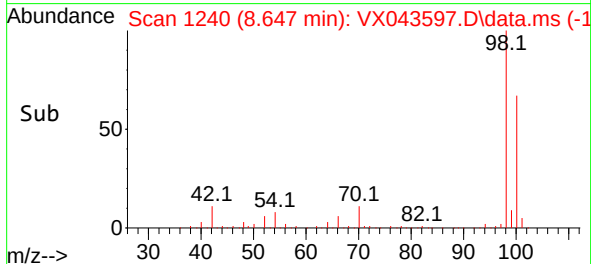
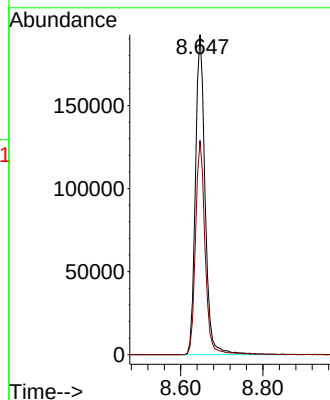
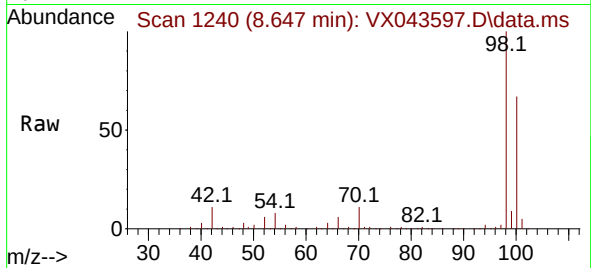




#50
Toluene-d8
Concen: 51.054 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043597.D
Acq: 29 Oct 2024 15:15

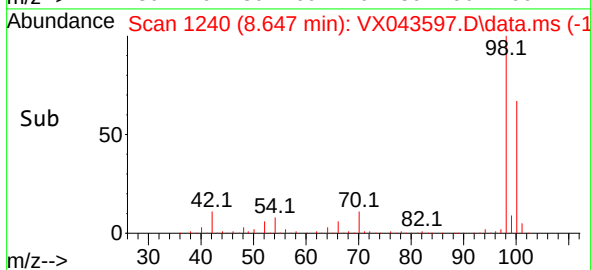
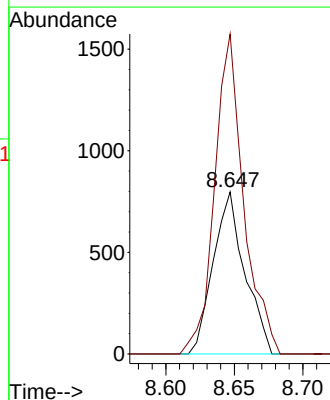
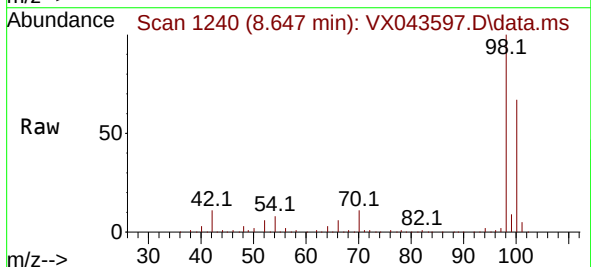
Instrument :
MSVOA_X
ClientSampleId :

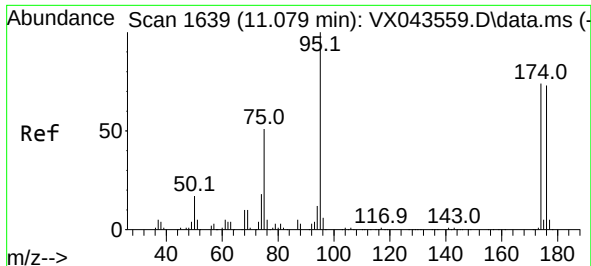
Tgt Ion: 98 Resp: 314533
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX043597.D
Acq: 29 Oct 2024 15:15

Tgt Ion: 43 Resp: 1280
Ion Ratio Lower Upper
43 100
58 181.3 31.7 47.5#

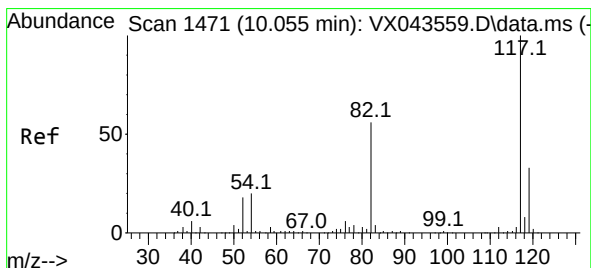
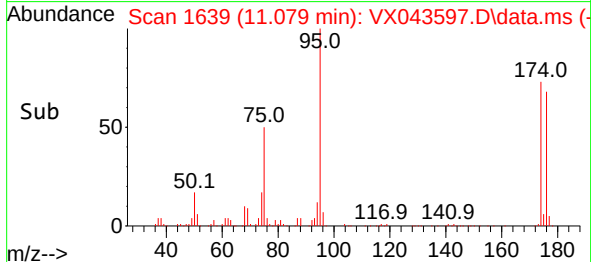
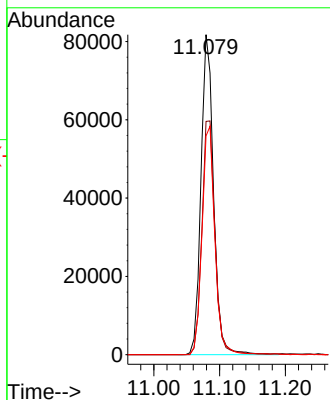
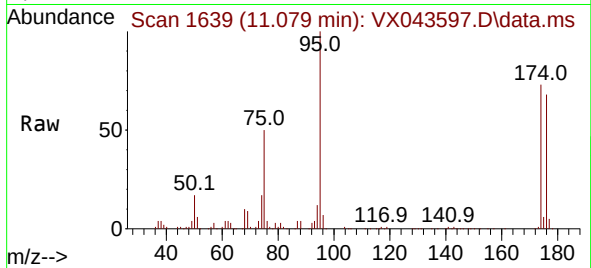




#62
4-Bromofluorobenzene
Concen: 47.611 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043597.D
Acq: 29 Oct 2024 15:15

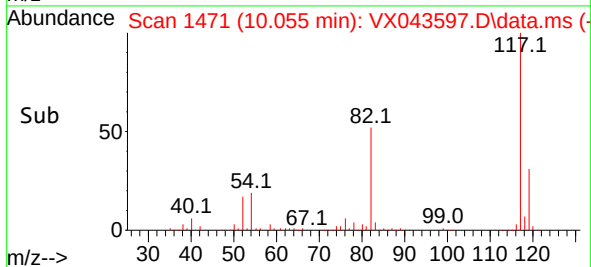
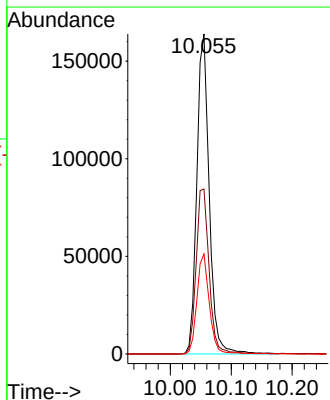
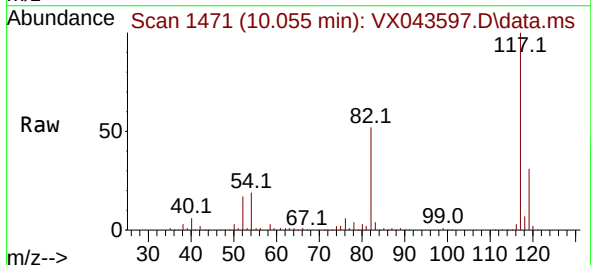
Instrument :
MSVOA_X
ClientSampleId :

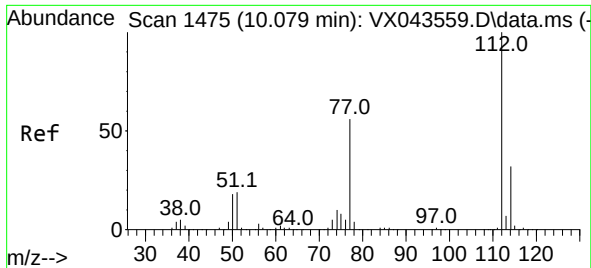
Tgt Ion: 95 Resp: 108691
Ion Ratio Lower Upper
95 100
174 76.2 0.0 146.6
176 72.9 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043597.D
Acq: 29 Oct 2024 15:15

Tgt Ion: 117 Resp: 231278
Ion Ratio Lower Upper
117 100
82 51.6 42.1 63.1
119 31.3 25.4 38.2

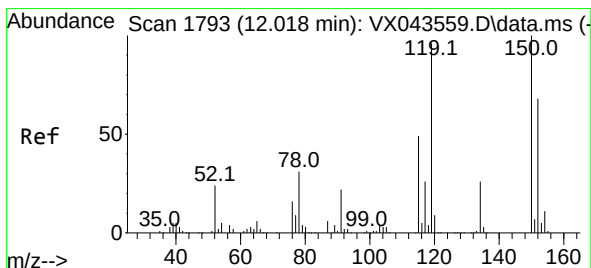
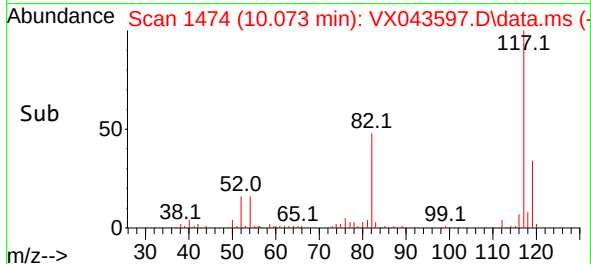
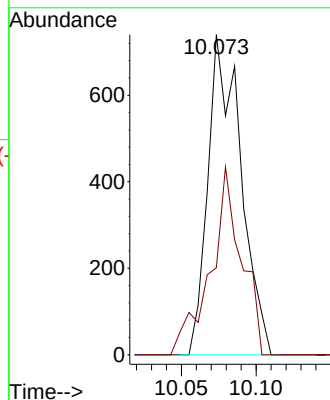
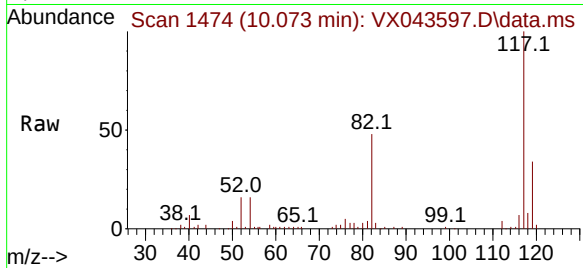




#65
Chlorobenzene
Concen: 0.226 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX043597.D
Acq: 29 Oct 2024 15:15

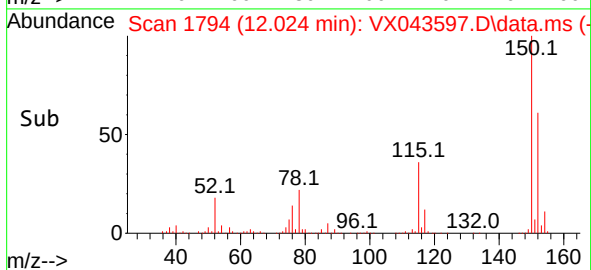
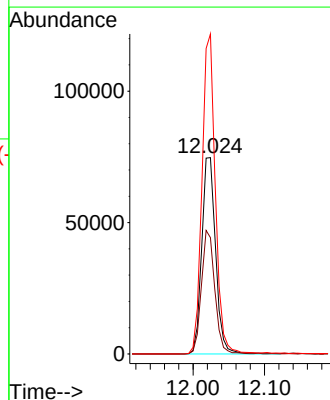
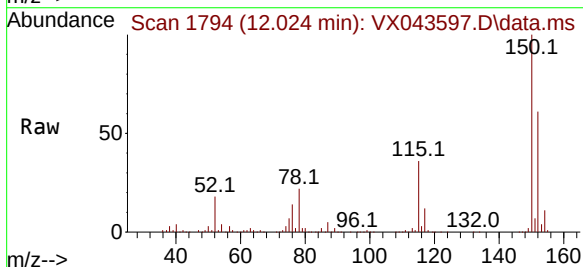
Instrument :
MSVOA_X
ClientSampleId :

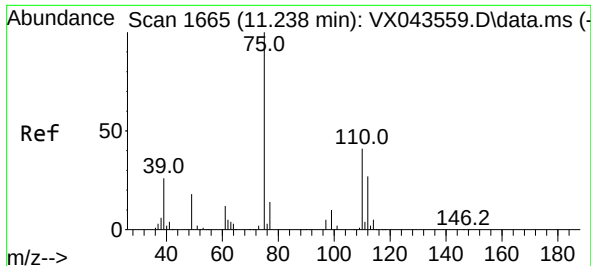
Tgt Ion:112 Resp: 1127
Ion Ratio Lower Upper
112 100
114 27.2 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043597.D
Acq: 29 Oct 2024 15:15

Tgt Ion:152 Resp: 100896
Ion Ratio Lower Upper
152 100
115 60.3 42.9 128.7
150 156.0 0.0 343.6

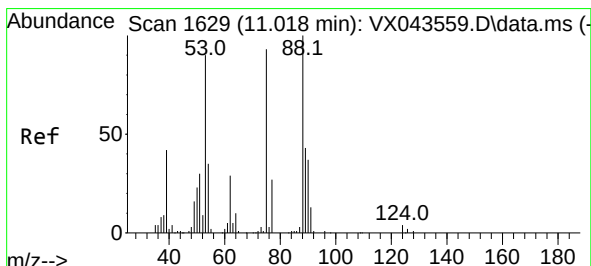
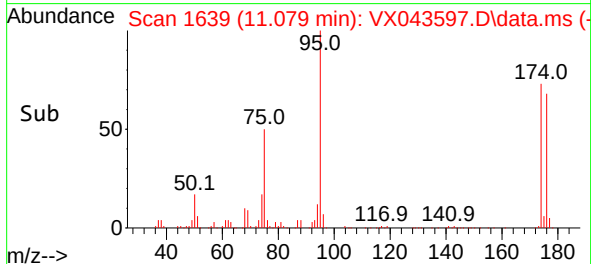
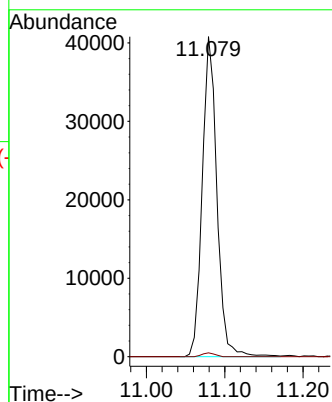
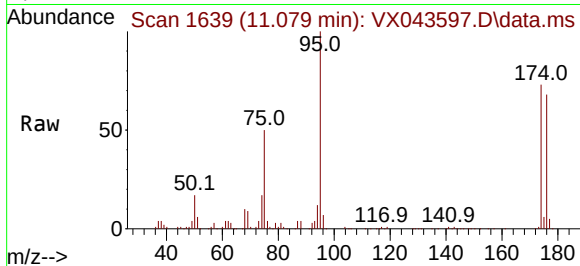




#76
1,2,3-Trichloropropane
Concen: 24.556 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043597.D
Acq: 29 Oct 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 52974
Ion Ratio Lower Upper
75 100
77 1.1 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.554 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043597.D
Acq: 29 Oct 2024 15:15

Tgt Ion: 75 Resp: 52974
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#

