

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102824\
 Data File : VX043580.D
 Acq On : 28 Oct 2024 21:52
 Operator : JC/MD
 Sample : PB164394ZHE#12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 29 03:32:36 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)

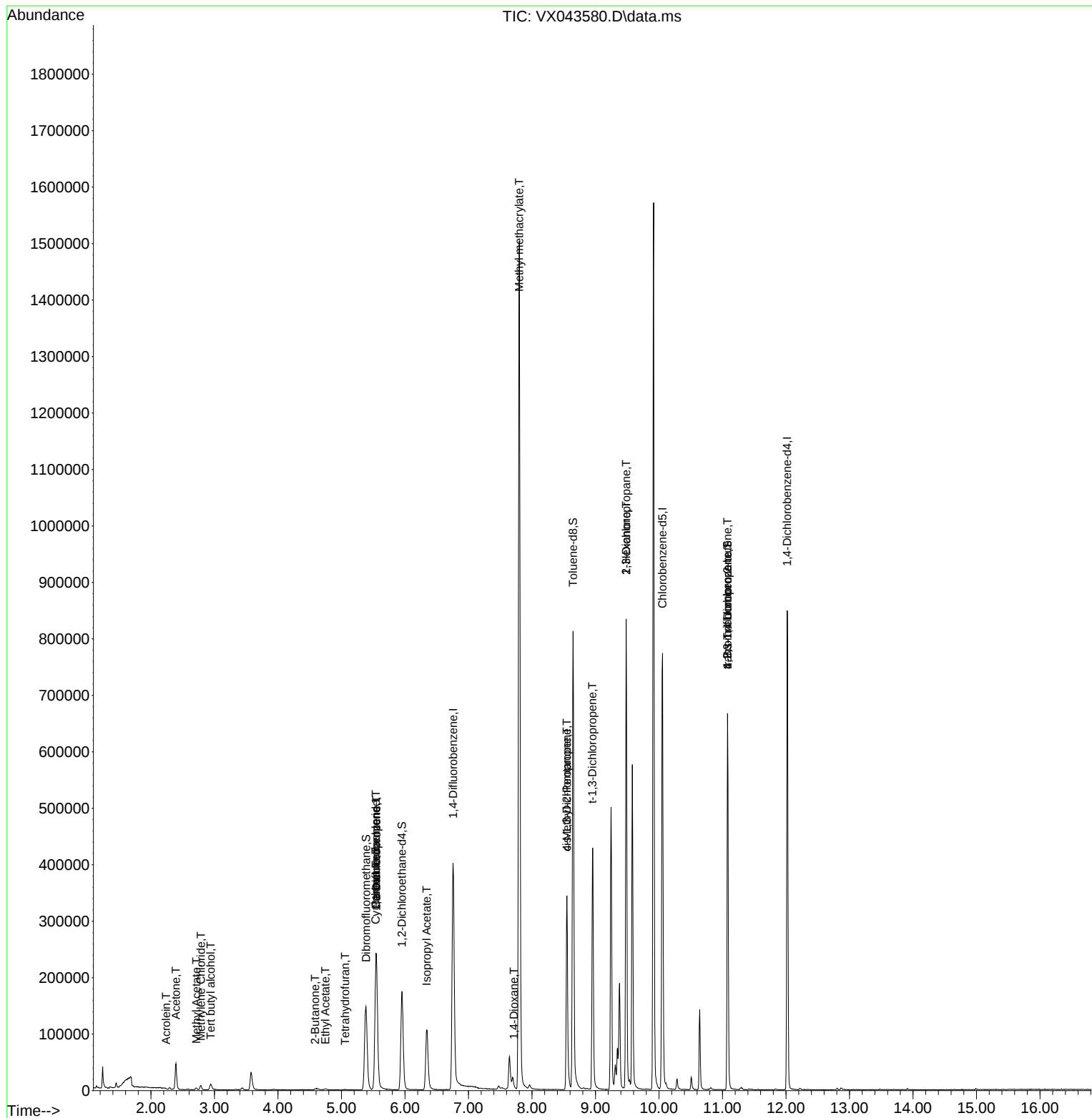
Internal Standards						
1) Pentafluorobenzene	5.544	168	234786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	437918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	373229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	178109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	165988	44.338	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.680%		
35) Dibromofluoromethane	5.385	113	133793	45.056	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.120%		
50) Toluene-d8	8.647	98	506396	49.264	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.520%		
62) 4-Bromofluorobenzene	11.079	95	185247	48.634	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.260%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.941	59	6077	8.697	ug/l #	100
13) Acrolein	2.240	56	189	0.346	ug/l #	78
16) Acetone	2.392	43	51613	34.718	ug/l	99
18) Methyl Acetate	2.715	43	4507	1.037	ug/l	98
20) Methylene Chloride	2.788	84	4074	1.272	ug/l #	87
25) 2-Butanone	4.587	43	1883	0.868	ug/l	96
29) Tetrahydrofuran	5.056	42	977	0.693	ug/l #	46
31) Cyclohexane	5.538	56	4687	1.186	ug/l #	26
36) 1,1-Dichloropropene	5.550	75	17818	5.060	ug/l #	50
37) Ethyl Acetate	4.745	43	2265	0.530	ug/l #	81
38) Carbon Tetrachloride	5.544	117	24697	6.348	ug/l #	16
43) Isopropyl Acetate	6.343	43	156153	22.088	ug/l	98
48) Methyl methacrylate	7.800	41	129110	38.520	ug/l #	40
49) 1,4-Dioxane	7.714	88	61	0.886	ug/l #	25
51) 4-Methyl-2-Pentanone	8.549	43	120414	27.946	ug/l #	49
53) t-1,3-Dichloropropene	8.952	75	1116	0.266	ug/l #	53
54) cis-1,3-Dichloropropene	8.549	75	59947	13.408	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	7911	1.604	ug/l #	43
59) 2-Hexanone	9.482	43	100305	30.650	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	91717	24.084	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	91717	66.256	ug/l #	7

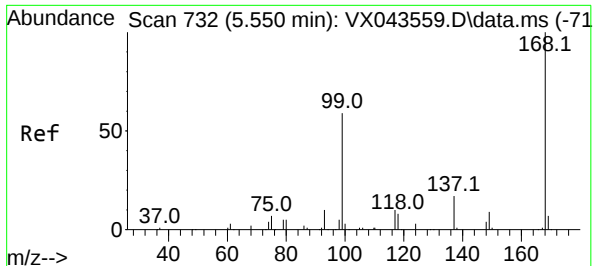
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102824\
Data File : VX043580.D
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Sample : PB164394ZHE#12
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :

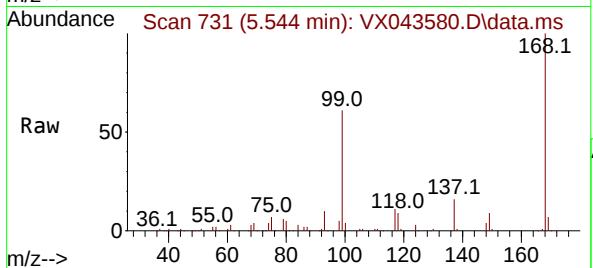
Quant Time: Oct 29 03:32:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration



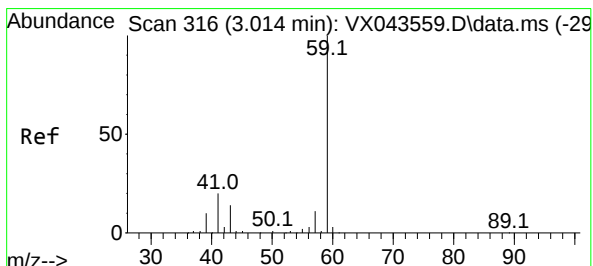
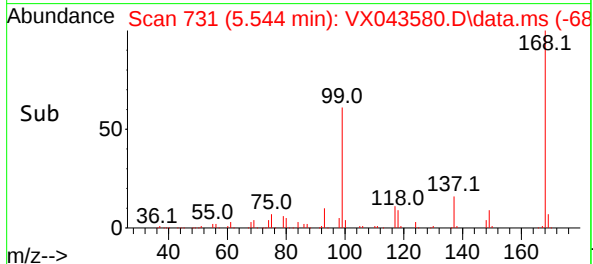
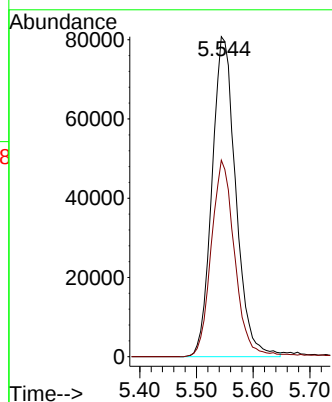


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

Instrument :
MSVOA_X
ClientSampleId :

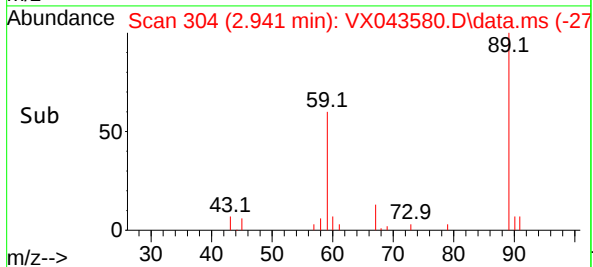
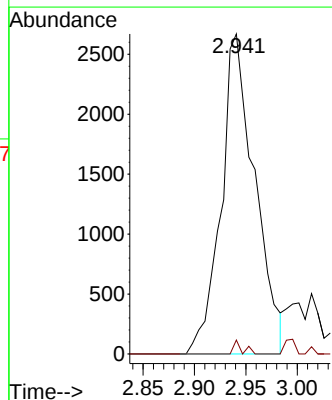
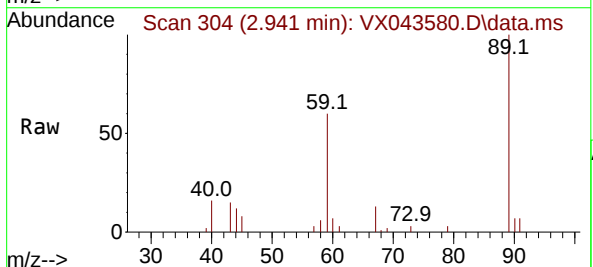


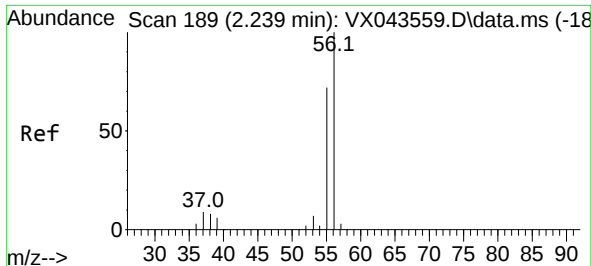
Tgt Ion:168 Resp: 234786
Ion Ratio Lower Upper
168 100
99 61.4 52.6 78.8



#11
Tert butyl alcohol
Concen: 8.697 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.109 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

Tgt Ion: 59 Resp: 6077
Ion Ratio Lower Upper
59 100
57 1.1 0.0 0.0#

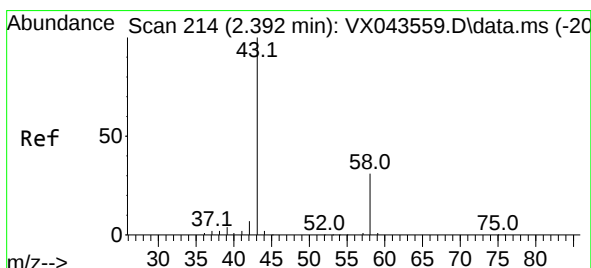
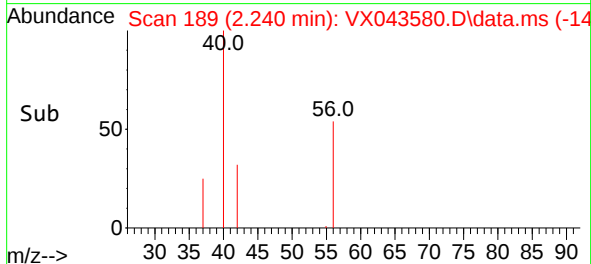
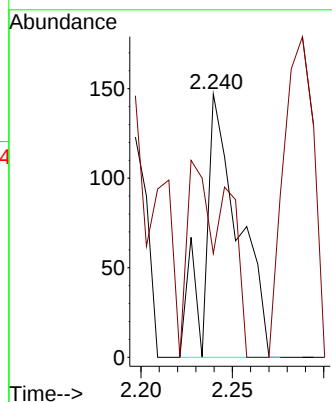
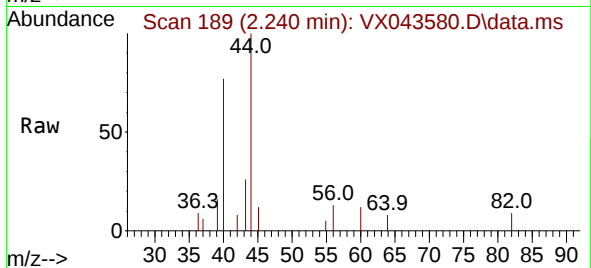




#13
Acrolein
Concen: 0.346 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

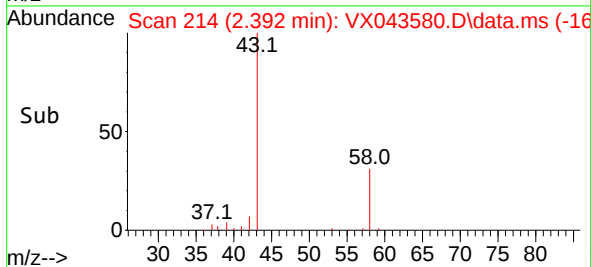
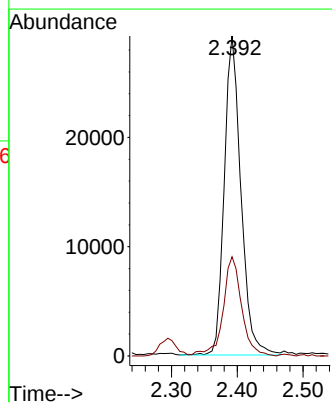
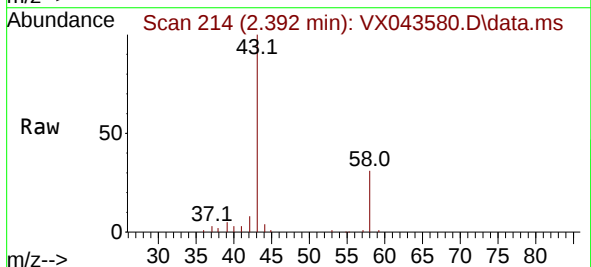
Instrument :
MSVOA_X
ClientSampleId :

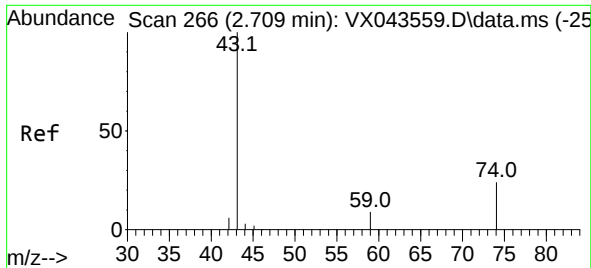
Tgt Ion: 56 Resp: 189
Ion Ratio Lower Upper
56 100
55 87.3 55.3 82.9#



#16
Acetone
Concen: 34.718 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

Tgt Ion: 43 Resp: 51613
Ion Ratio Lower Upper
43 100
58 30.7 25.1 37.7

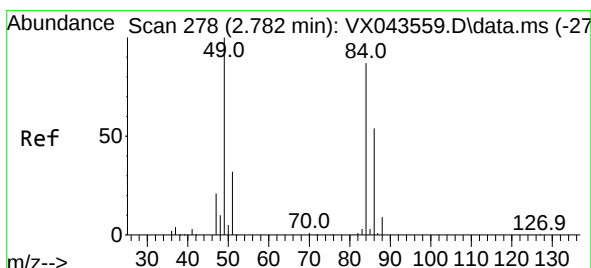
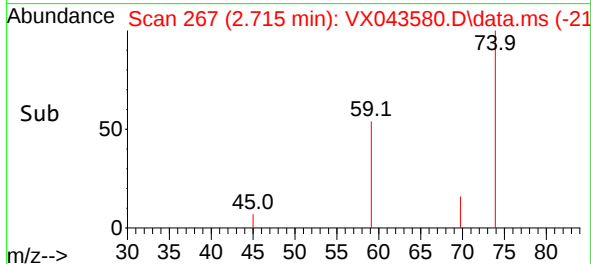
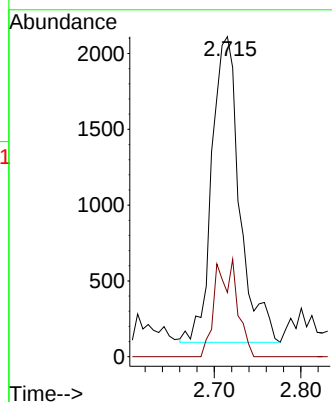
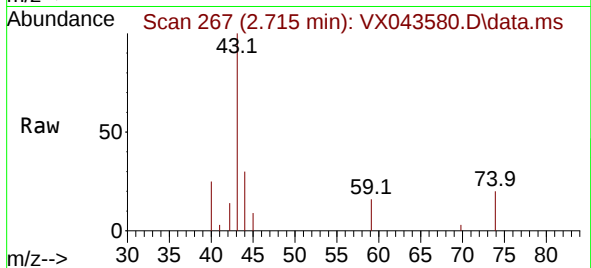




#18
Methyl Acetate
Concen: 1.037 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

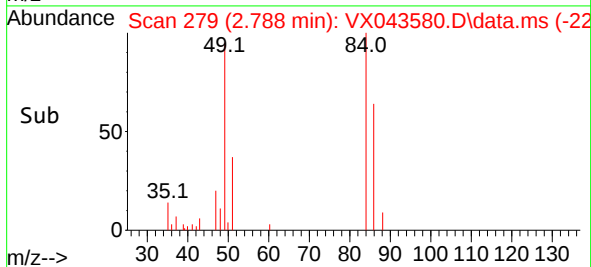
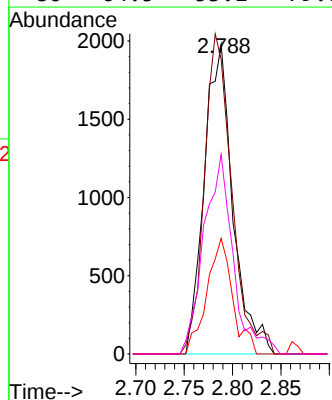
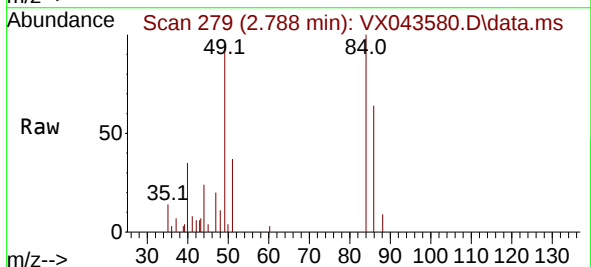
Instrument :
MSVOA_X
ClientSampleId :

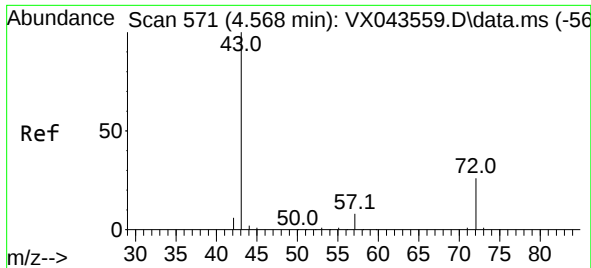
Tgt Ion: 43 Resp: 4507
Ion Ratio Lower Upper
43 100
74 24.8 19.1 28.7



#20
Methylene Chloride
Concen: 1.272 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

Tgt Ion: 84 Resp: 4074
Ion Ratio Lower Upper
84 100
49 95.1 97.0 145.6#
51 37.4 29.8 44.8
86 64.5 53.1 79.7

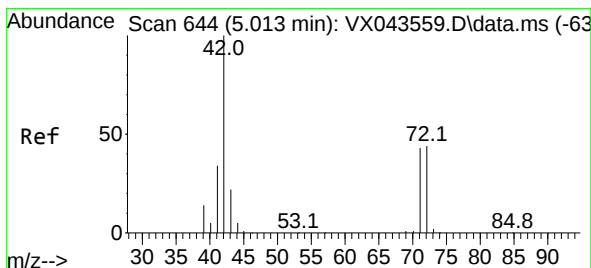
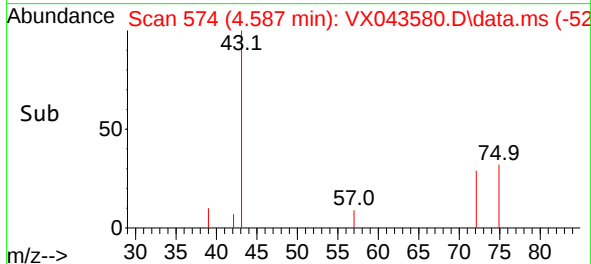
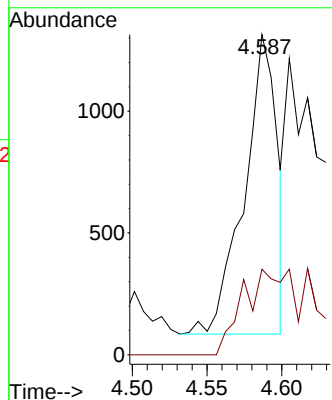
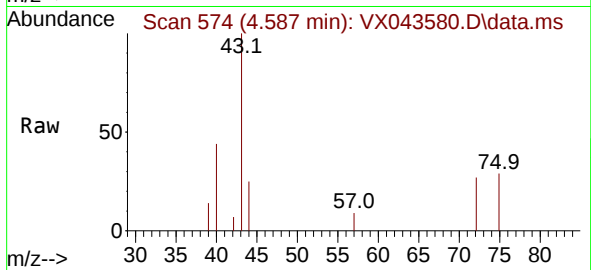




#25
2-Butanone
Concen: 0.868 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

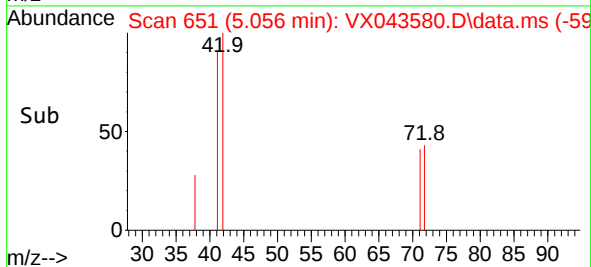
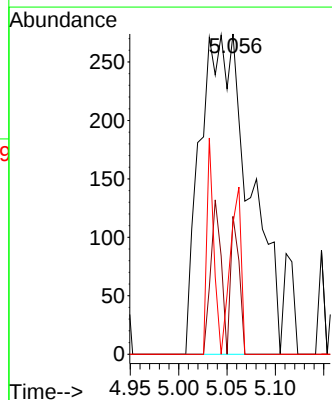
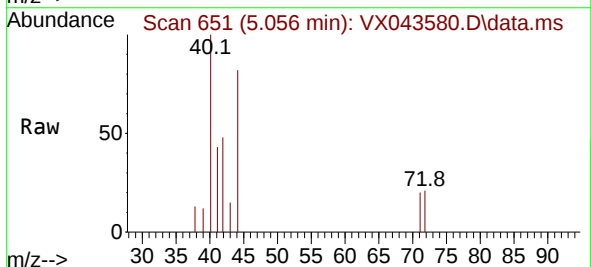
Instrument :
MSVOA_X
ClientSampleId :

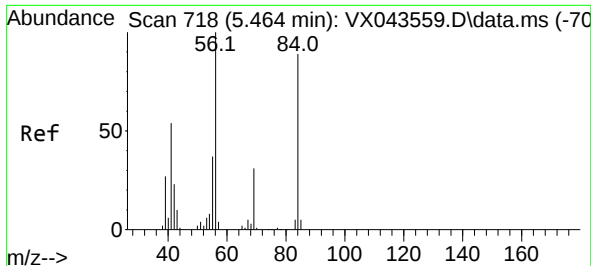
Tgt Ion: 43 Resp: 1883
Ion Ratio Lower Upper
43 100
72 28.6 21.1 31.7



#29
Tetrahydrofuran
Concen: 0.693 ug/l
RT: 5.056 min Scan# 651
Delta R.T. 0.043 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

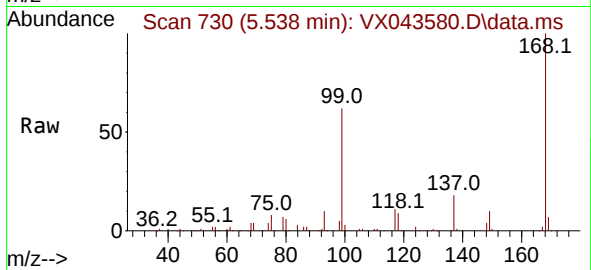
Tgt Ion: 42 Resp: 977
Ion Ratio Lower Upper
42 100
72 7.4 36.6 55.0#
71 11.5 34.2 51.4#



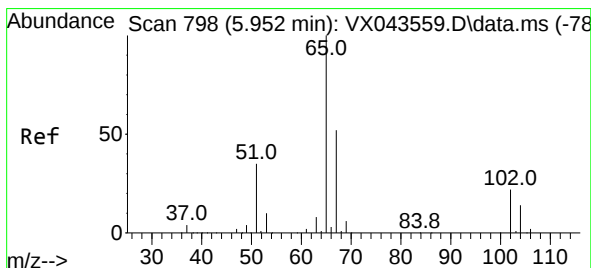
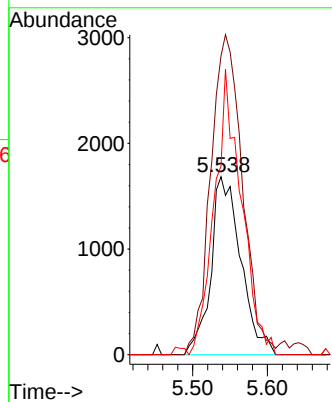
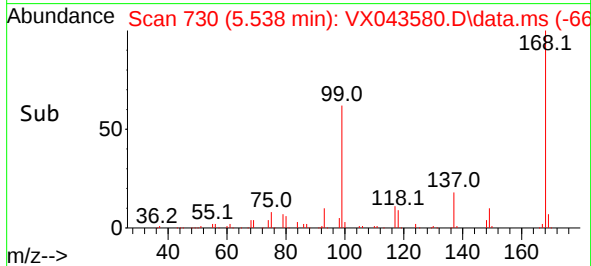


#31
Cyclohexane
Concen: 1.186 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.080 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

Instrument :
MSVOA_X
ClientSampleId :

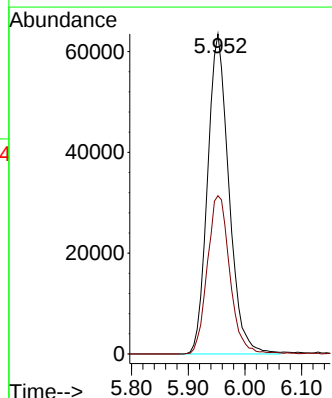
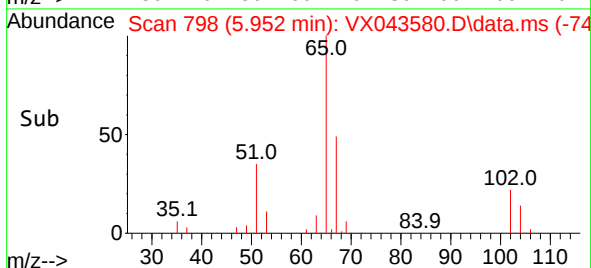
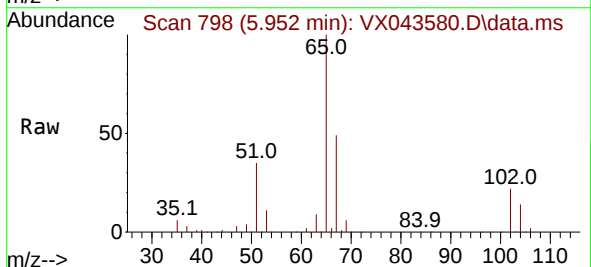


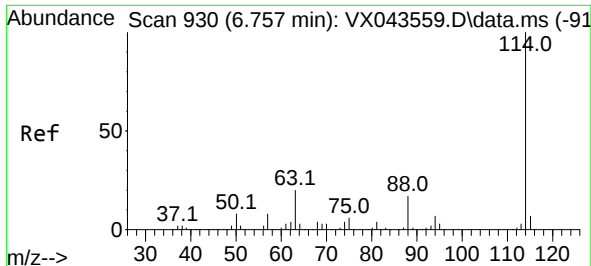
Tgt Ion: 56 Resp: 4687
Ion Ratio Lower Upper
56 100
69 167.9 24.9 37.3#
84 106.0 73.3 109.9



#33
1,2-Dichloroethane-d4
Concen: 44.338 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

Tgt Ion: 65 Resp: 165988
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4

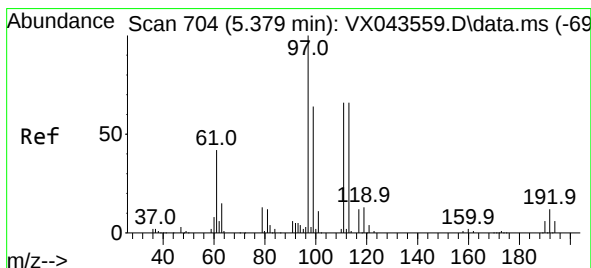
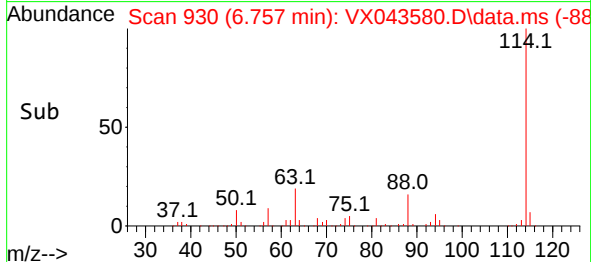
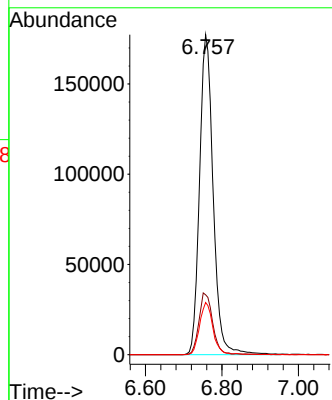
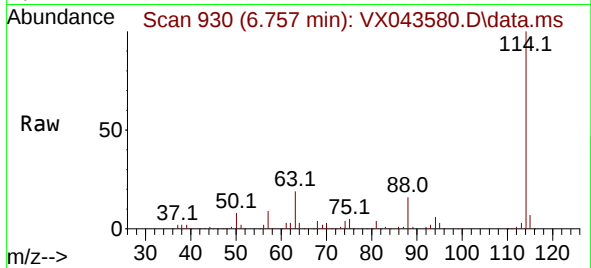




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

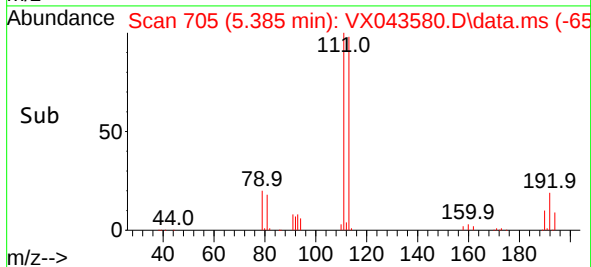
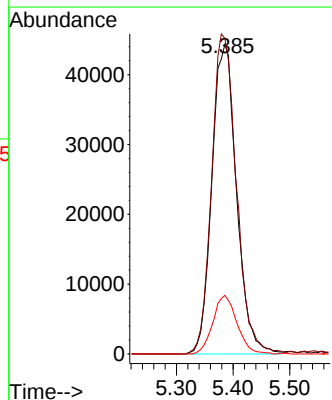
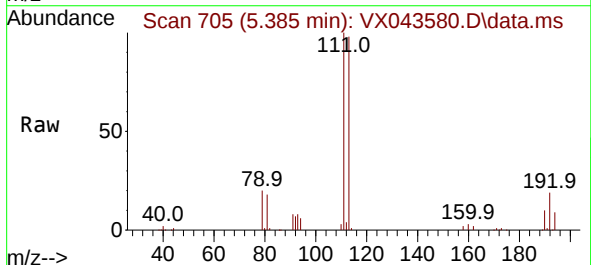
Instrument :
MSVOA_X
ClientSampleId :

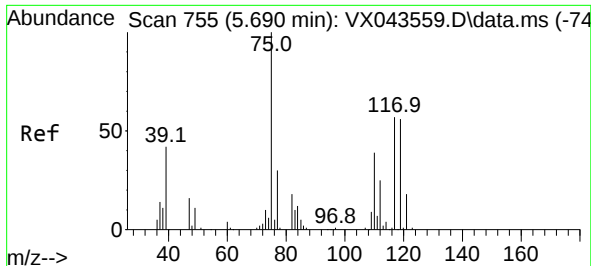
Tgt Ion:114 Resp: 437918
Ion Ratio Lower Upper
114 100
63 18.7 0.0 41.2
88 16.3 0.0 34.0



#35
Dibromofluoromethane
Concen: 45.056 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

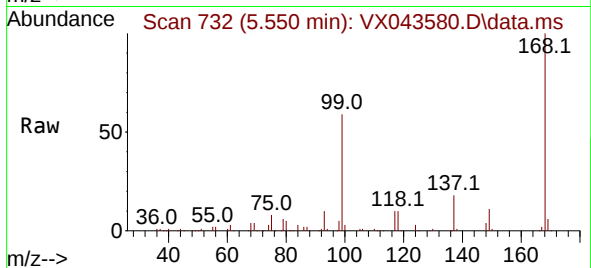
Tgt Ion:113 Resp: 133793
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 18.4 14.1 21.1



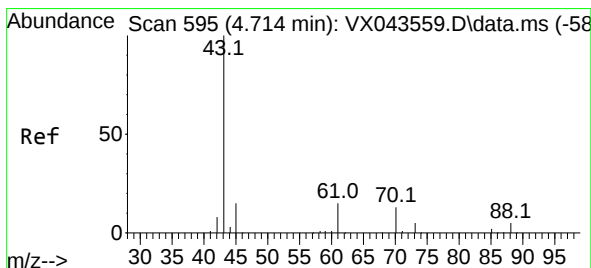
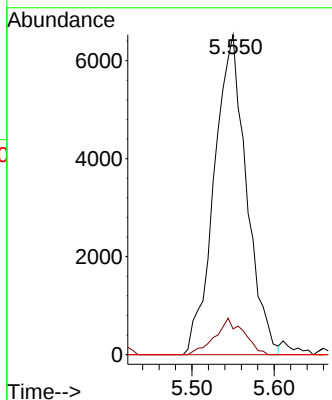
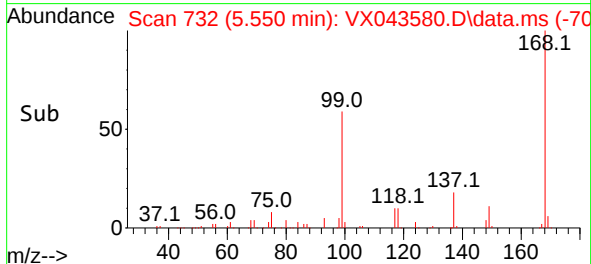


#36
1,1-Dichloropropene
Concen: 5.060 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

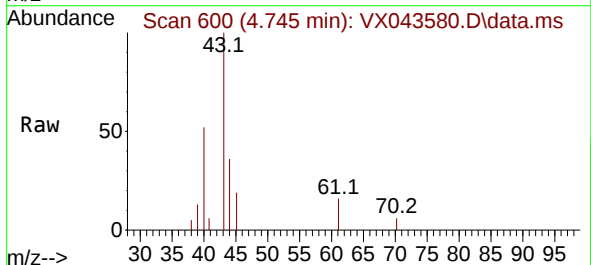
Instrument :
MSVOA_X
ClientSampleId :



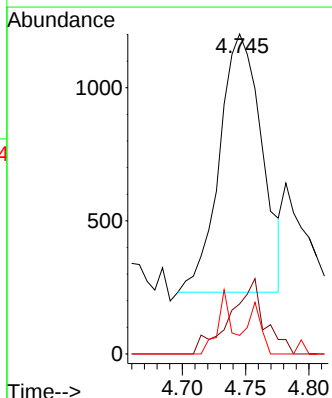
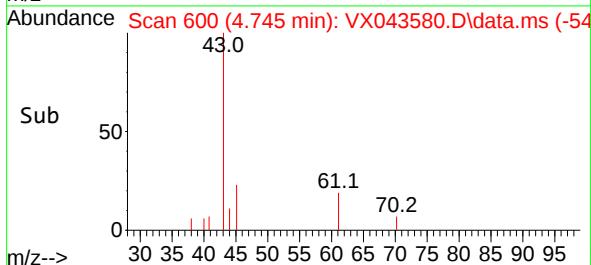
Tgt Ion: 75 Resp: 17818
Ion Ratio Lower Upper
75 100
110 10.2 17.9 53.7#
77 0.0 25.0 37.4#

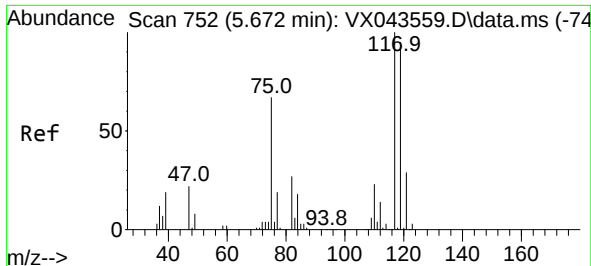


#37
Ethyl Acetate
Concen: 0.530 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.025 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52



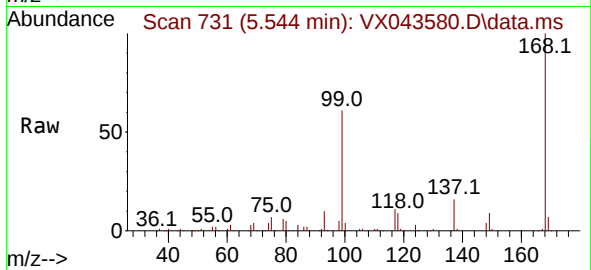
Tgt Ion: 43 Resp: 2265
Ion Ratio Lower Upper
43 100
61 23.4 11.0 16.6#
70 6.1 8.9 13.3#



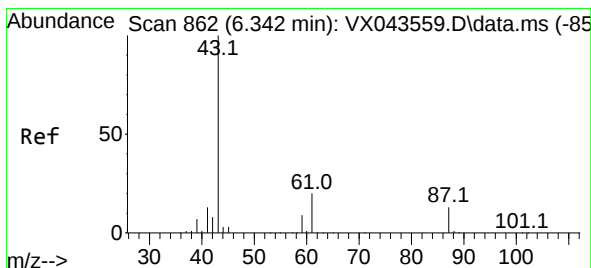
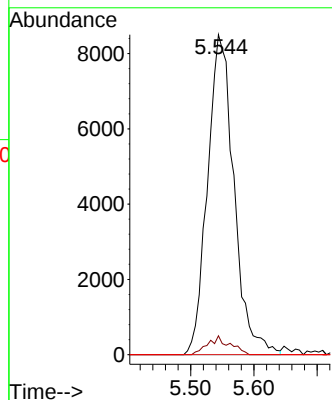
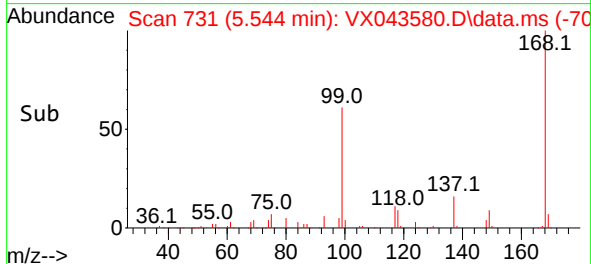


#38
Carbon Tetrachloride
Concen: 6.348 ug/l
RT: 5.544 min Scan# 752
Delta R.T. -0.128 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

Instrument :
MSVOA_X
ClientSampleId :

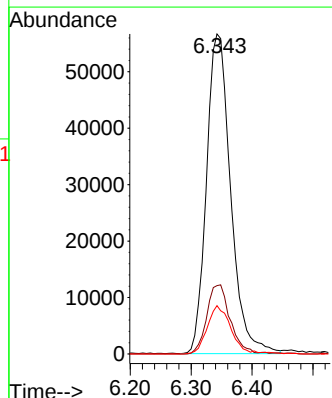
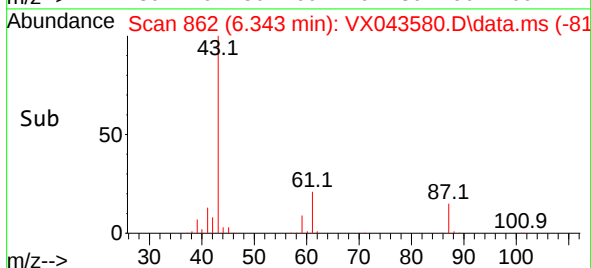
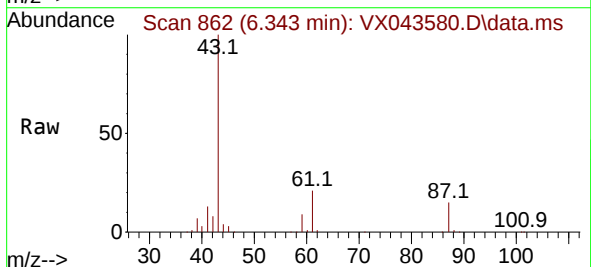


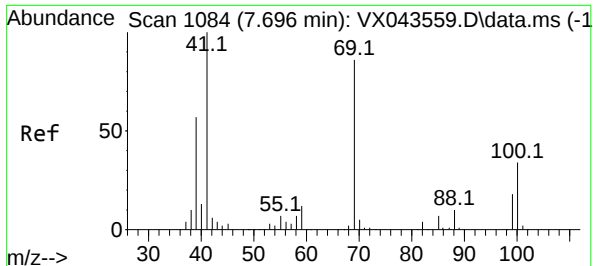
Tgt Ion:117 Resp: 24697
Ion Ratio Lower Upper
117 100
119 5.9 77.0 115.6#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 22.088 ug/l
RT: 6.343 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

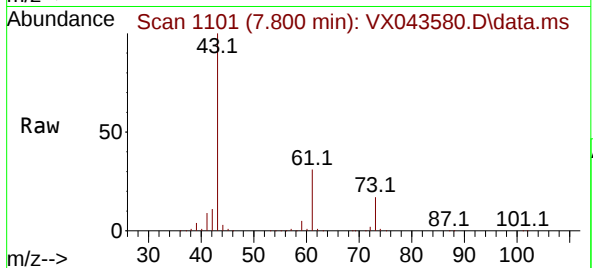
Tgt Ion: 43 Resp: 156153
Ion Ratio Lower Upper
43 100
61 20.8 16.2 24.4
87 14.7 11.0 16.6



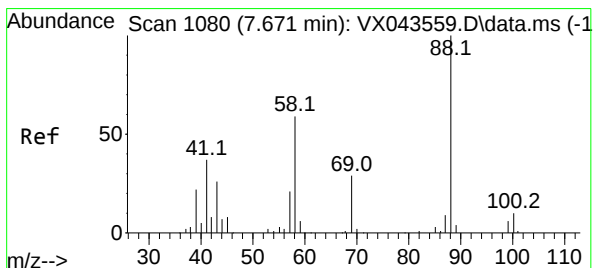
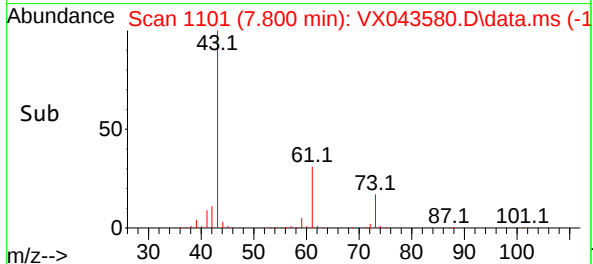
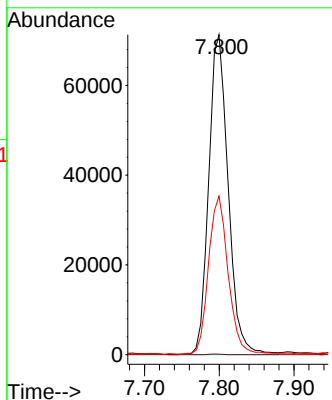


#48
Methyl methacrylate
Concen: 38.520 ug/l
RT: 7.800 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

Instrument :
MSVOA_X
ClientSampleId :

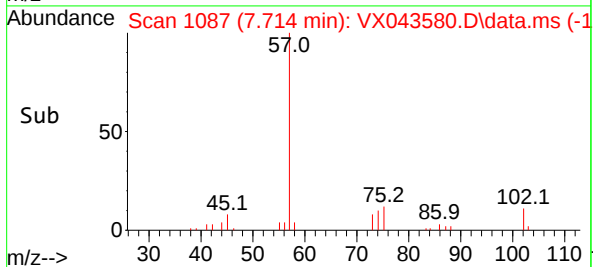
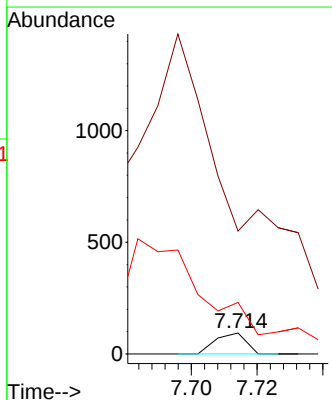
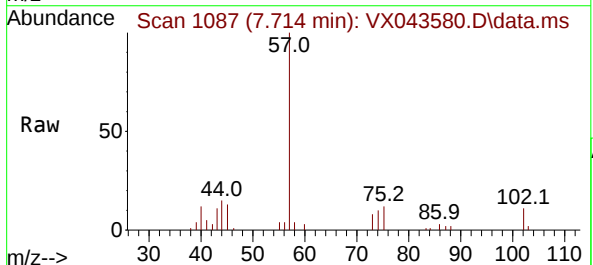


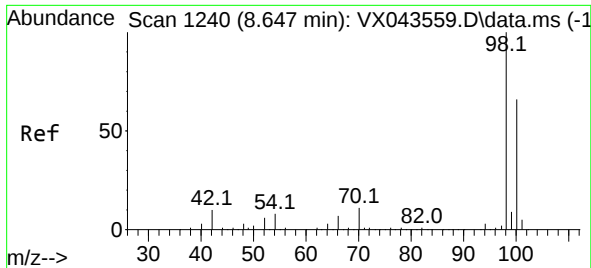
Tgt Ion: 41 Resp: 129110
Ion Ratio Lower Upper
41 100
69 0.1 67.7 101.5#
39 49.7 46.3 69.5



#49
1,4-Dioxane
Concen: 0.886 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.043 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 0.0 53.9 80.9#

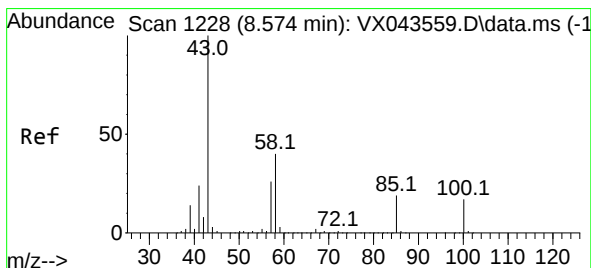
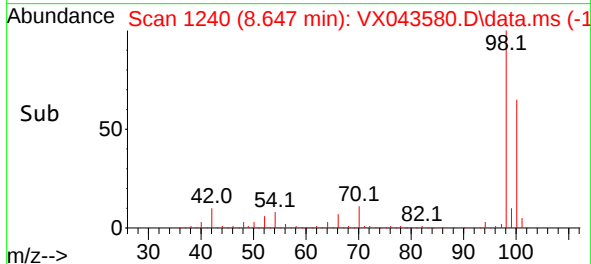
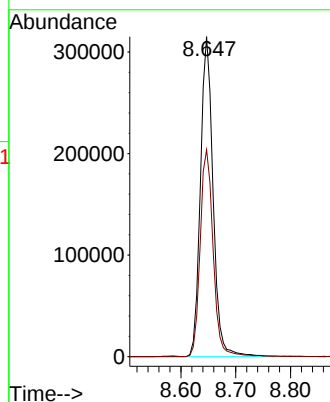
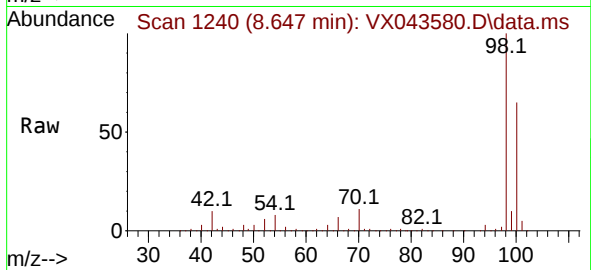




#50
Toluene-d8
Concen: 49.264 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

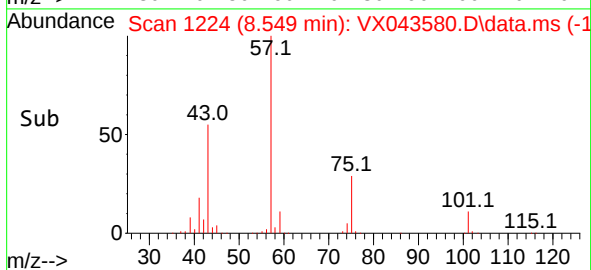
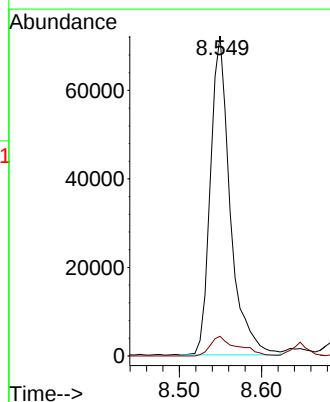
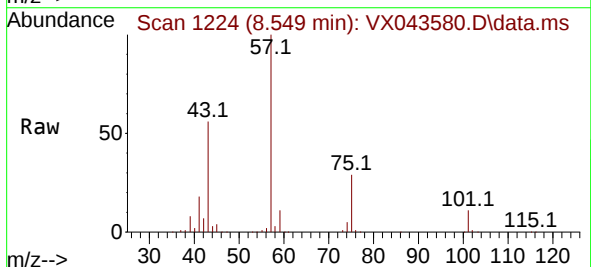
Instrument :
MSVOA_X
ClientSampleId :

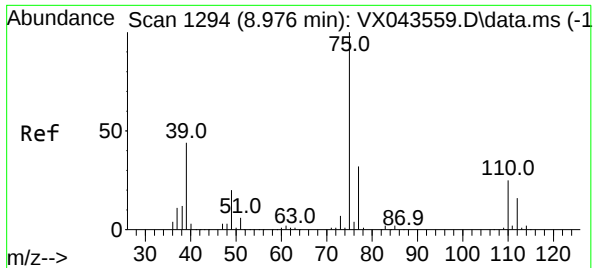
Tgt Ion: 98 Resp: 506396
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 27.946 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.030 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

Tgt Ion: 43 Resp: 120414
Ion Ratio Lower Upper
43 100
58 8.5 31.7 47.5#

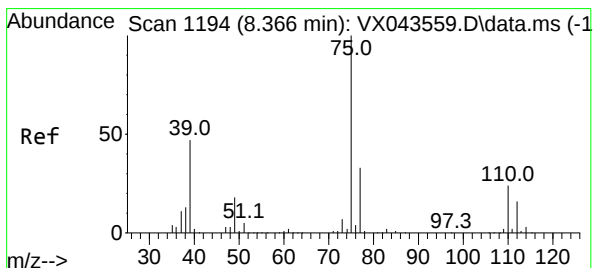
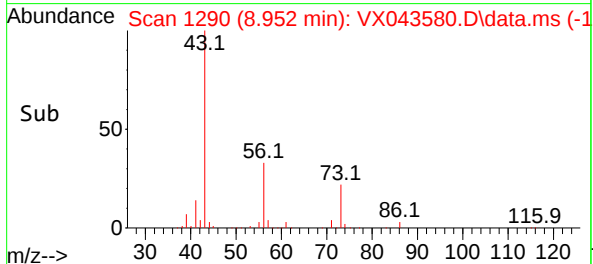
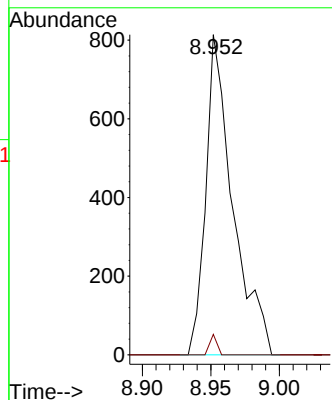
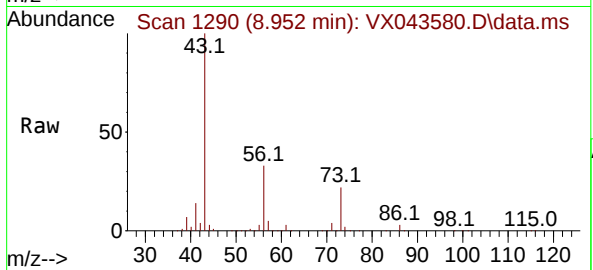




#53
t-1,3-Dichloropropene
Concen: 0.266 ug/l
RT: 8.952 min Scan# 1116
Delta R.T. -0.024 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

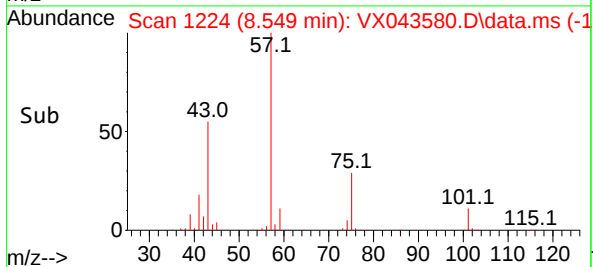
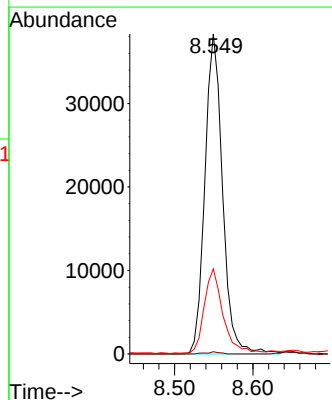
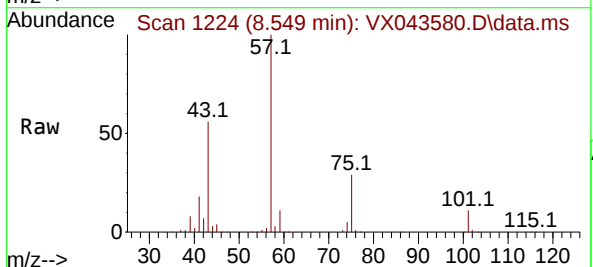
Instrument :
MSVOA_X
ClientSampleId :

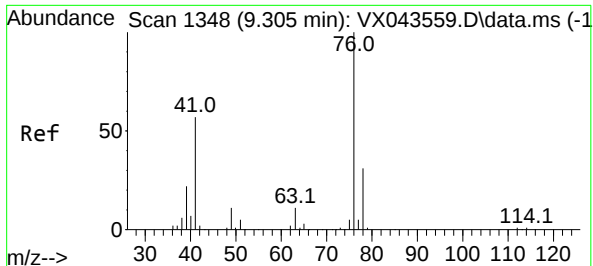
Tgt Ion: 75 Resp: 1116
Ion Ratio Lower Upper
75 100
77 6.4 26.0 39.0#



#54
cis-1,3-Dichloropropene
Concen: 13.408 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

Tgt Ion: 75 Resp: 59947
Ion Ratio Lower Upper
75 100
77 0.7 24.8 37.2#
39 26.4 37.7 56.5#





#57

1,3-Dichloropropane

Concen: 1.604 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.177 min

Lab File: VX043580.D

Acq: 28 Oct 2024 21:52

Instrument :

MSVOA_X

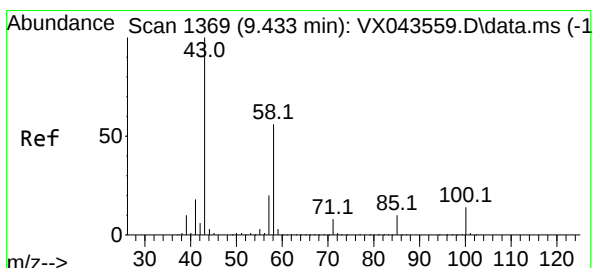
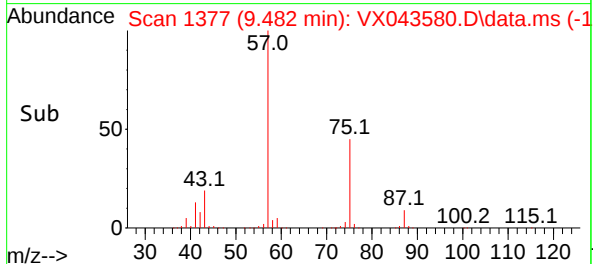
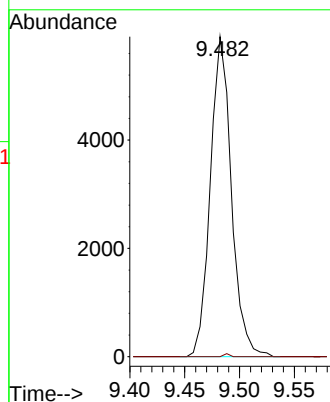
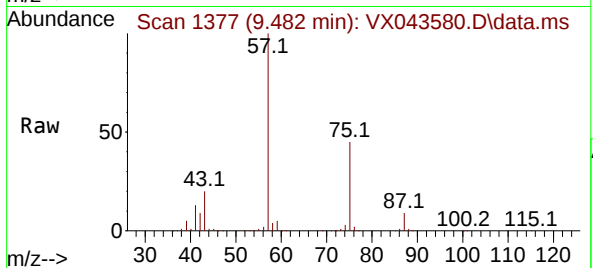
ClientSampleId :

Tgt Ion: 76 Resp: 7911

Ion Ratio Lower Upper

76 100

78 0.3 25.9 38.9#



#59

2-Hexanone

Concen: 30.650 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX043580.D

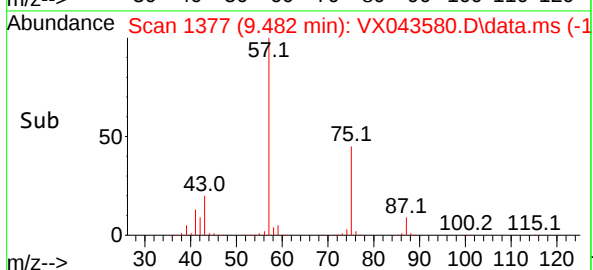
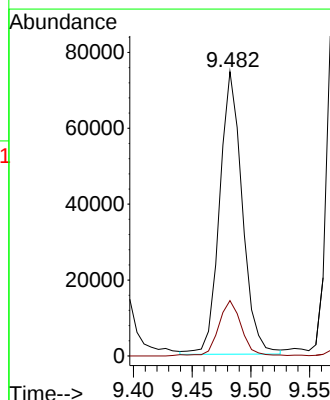
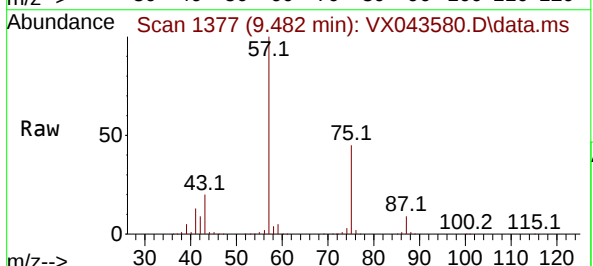
Acq: 28 Oct 2024 21:52

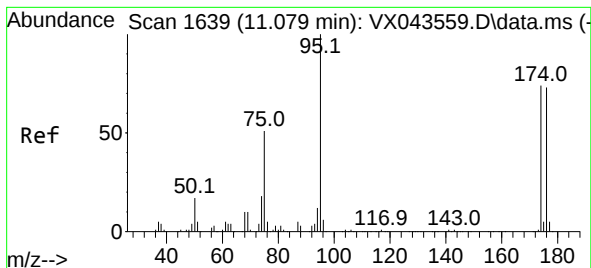
Tgt Ion: 43 Resp: 100305

Ion Ratio Lower Upper

43 100

58 19.8 27.5 82.5#

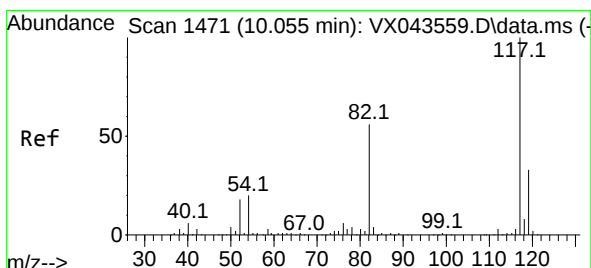
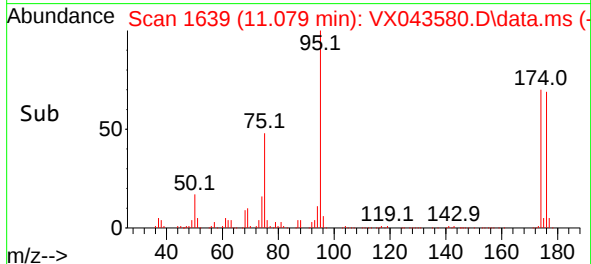
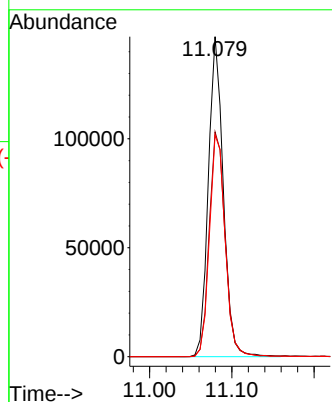
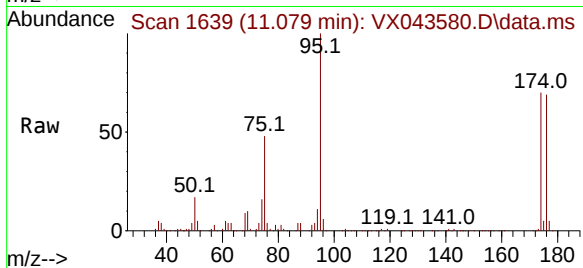




#62
4-Bromofluorobenzene
Concen: 48.634 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

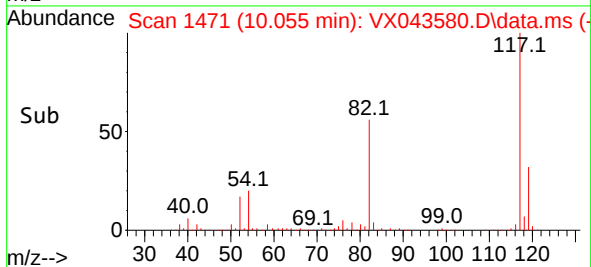
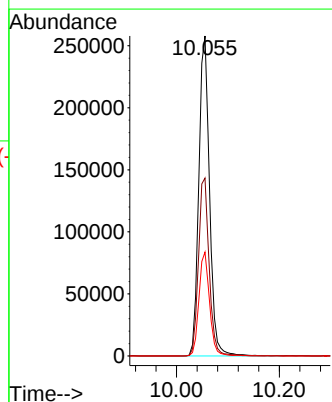
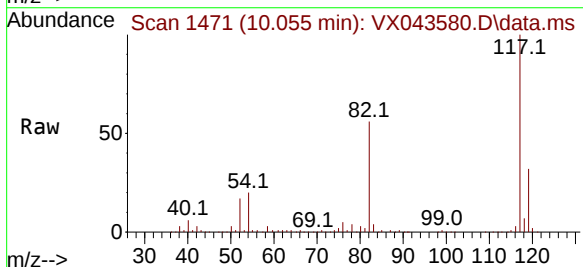
Instrument :
MSVOA_X
ClientSampleId :

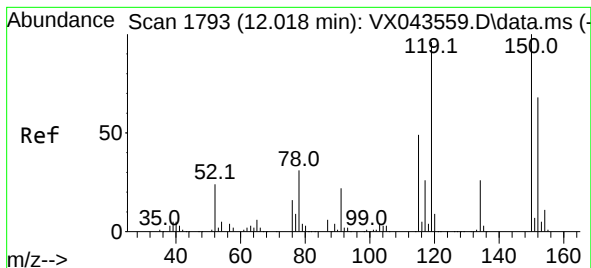
Tgt Ion: 95 Resp: 185247
Ion Ratio Lower Upper
95 100
174 75.0 0.0 146.6
176 72.7 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043580.D
Acq: 28 Oct 2024 21:52

Tgt Ion: 117 Resp: 373229
Ion Ratio Lower Upper
117 100
82 55.6 42.1 63.1
119 32.5 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX043580.D

Acq: 28 Oct 2024 21:52

Instrument :

MSVOA_X

ClientSampleId :

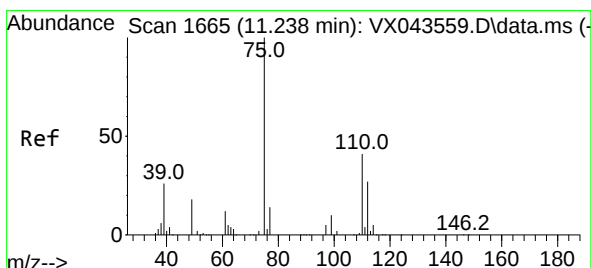
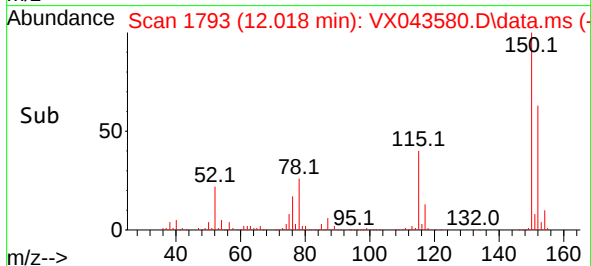
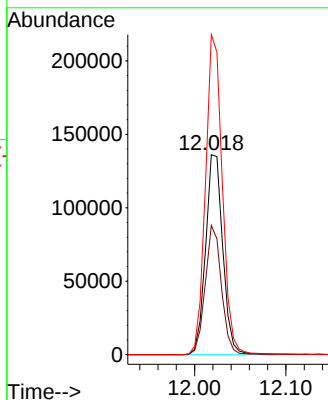
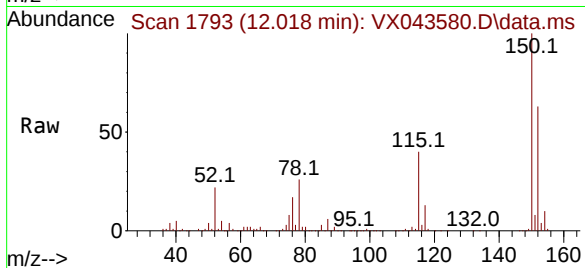
Tgt Ion:152 Resp: 178109

Ion Ratio Lower Upper

152 100

115 61.1 42.9 128.7

150 156.6 0.0 343.6



#76

1,2,3-Trichloropropane

Concen: 24.084 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043580.D

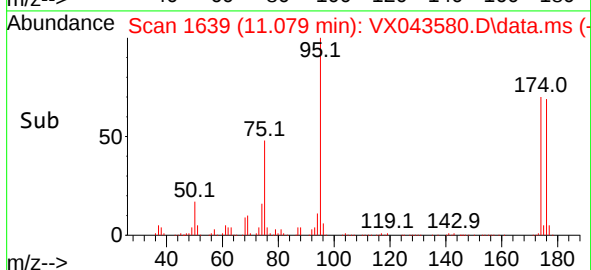
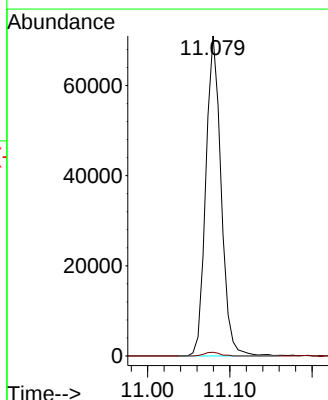
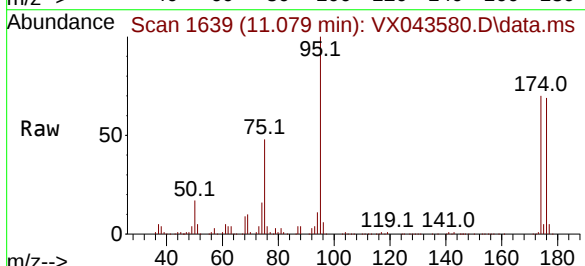
Acq: 28 Oct 2024 21:52

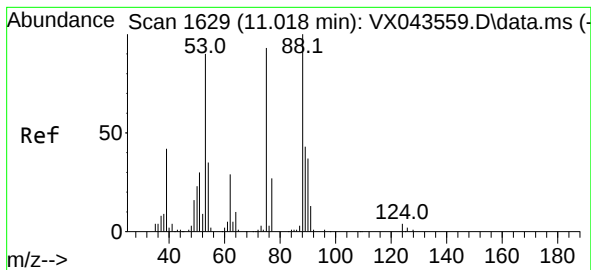
Tgt Ion: 75 Resp: 91717

Ion Ratio Lower Upper

75 100

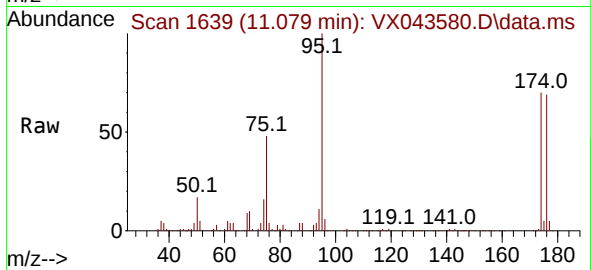
77 1.2 22.4 67.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.256 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043580.D
 Acq: 28 Oct 2024 21:52

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 91717
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.6 126.8#
 89 0.0 38.6 58.0#

