

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
 Data File : VX043632.D
 Acq On : 30 Oct 2024 18:16
 Operator : JC/MD
 Sample : PB164501ZHE#10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 31 23:03:33 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

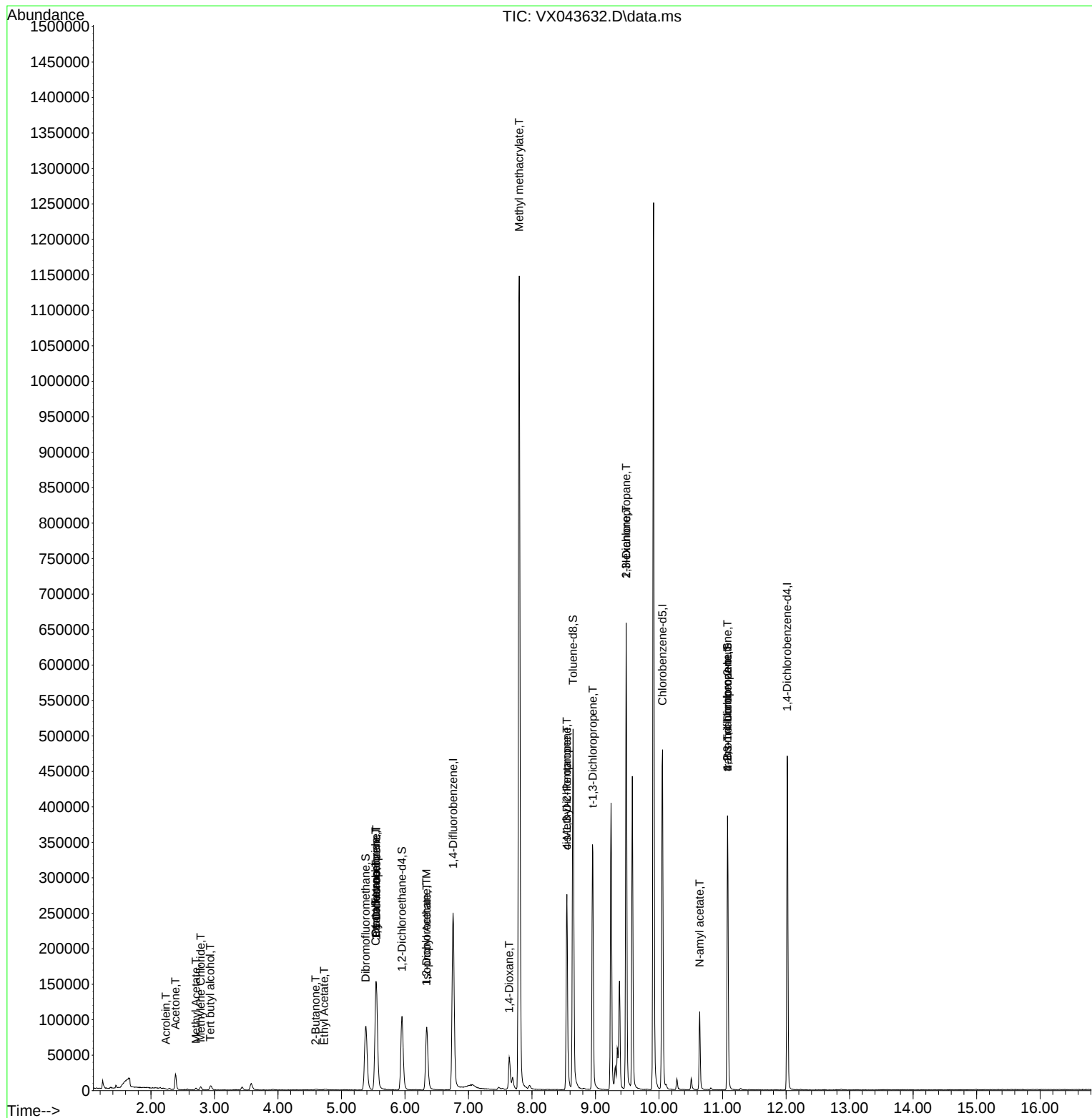
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	152366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	276534	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99737	41.052	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.100%		
35) Dibromofluoromethane	5.379	113	84096	44.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.700%		
50) Toluene-d8	8.647	98	313154	48.243	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.480%		
62) 4-Bromofluorobenzene	11.079	95	104893	43.609	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	87.220%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	3536	7.798	ug/l #	100
13) Acrolein	2.233	56	109	0.307	ug/l #	25
16) Acetone	2.386	43	23507	24.365	ug/l #	87
18) Methyl Acetate	2.709	43	3139	1.113	ug/l	98
20) Methylene Chloride	2.782	84	2035	0.979	ug/l	92
25) 2-Butanone	4.593	43	2009	1.428	ug/l	96
31) Cyclohexane	5.544	56	2983	1.163	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	11485	5.165	ug/l #	51
37) Ethyl Acetate	4.727	43	1022	0.379	ug/l #	96
38) Carbon Tetrachloride	5.538	117	15725	6.401	ug/l #	15
42) 1,2-Dichloroethane	6.336	62	626	0.235	ug/l #	74
43) Isopropyl Acetate	6.342	43	126487	28.333	ug/l	98
48) Methyl methacrylate	7.799	41	97170	45.909	ug/l #	40
49) 1,4-Dioxane	7.641	88	47	1.081	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	94536	34.744	ug/l #	49
53) t-1,3-Dichloropropene	8.958	75	795	0.300	ug/l #	42
54) cis-1,3-Dichloropropene	8.549	75	50682	17.951	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	5979	1.920	ug/l #	42
59) 2-Hexanone	9.482	43	75245	36.411	ug/l #	51
74) N-amyl acetate	10.640	43	25232	6.949	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	51610	22.941	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	51610	63.112	ug/l #	7

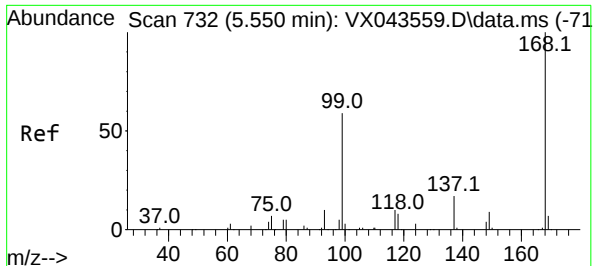
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
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Quant Time: Oct 31 23:03:33 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

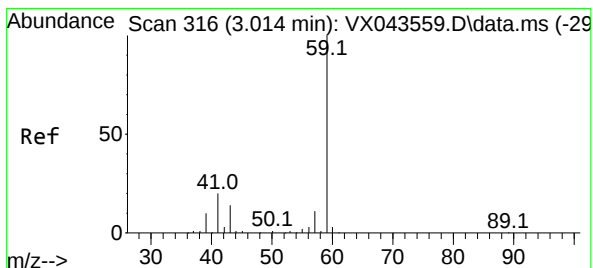
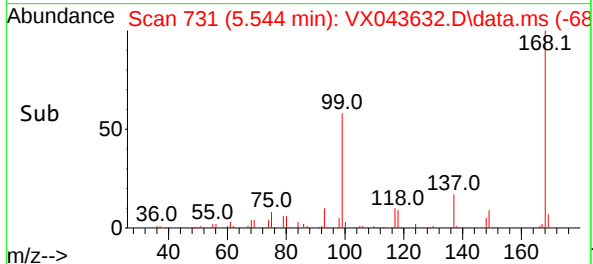
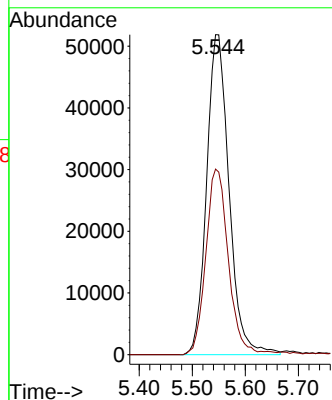
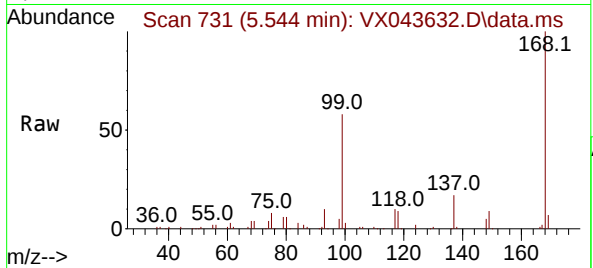




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043632.D
Acq: 30 Oct 2024 18:16

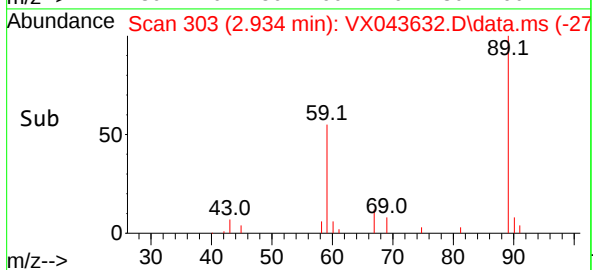
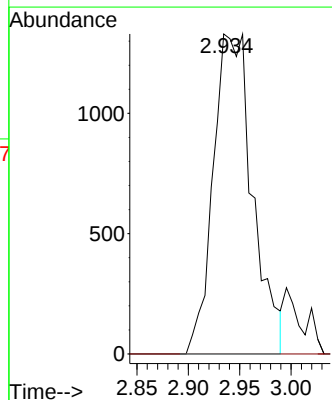
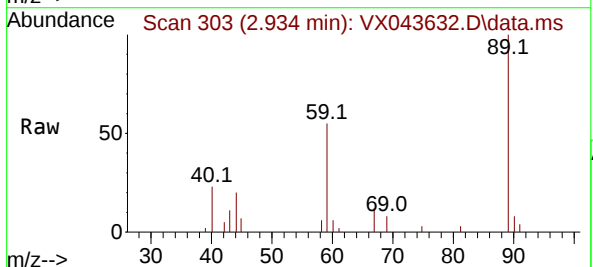
Instrument :
MSVOA_X
ClientSampleId :

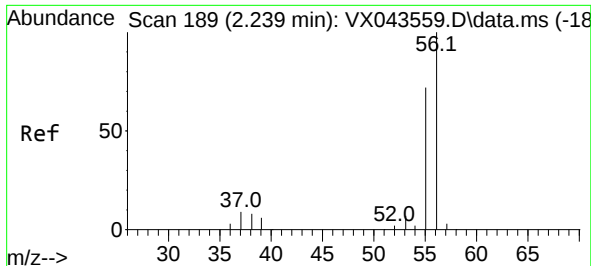
Tgt Ion:168 Resp: 152366
Ion Ratio Lower Upper
168 100
99 58.0 52.6 78.8



#11
Tert butyl alcohol
Concen: 7.798 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.116 min
Lab File: VX043632.D
Acq: 30 Oct 2024 18:16

Tgt Ion: 59 Resp: 3536
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0





#13

Acrolein

Concen: 0.307 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX043632.D

Acq: 30 Oct 2024 18:16

Instrument :

MSVOA_X

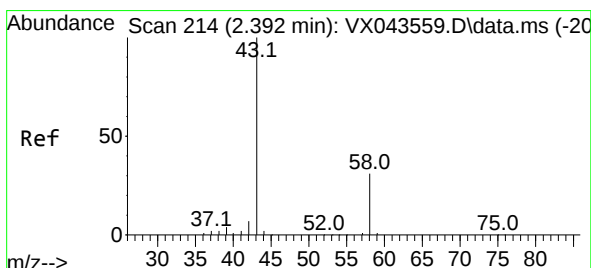
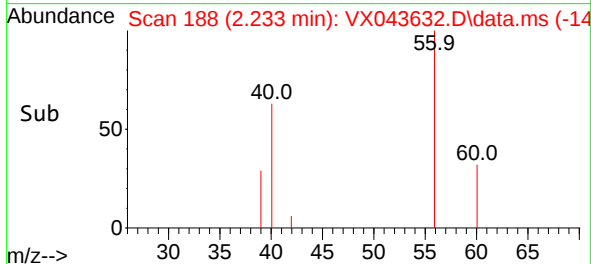
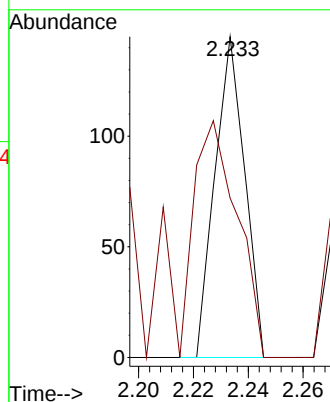
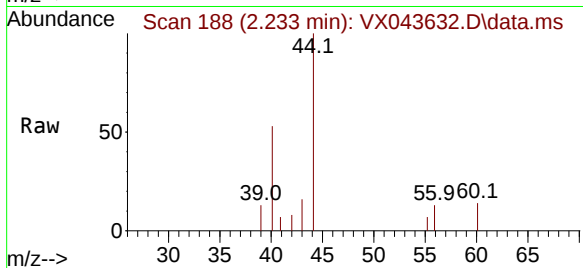
ClientSampleId :

Tgt Ion: 56 Resp: 109

Ion Ratio Lower Upper

56 100

55 130.3 55.3 82.9#



#16

Acetone

Concen: 24.365 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX043632.D

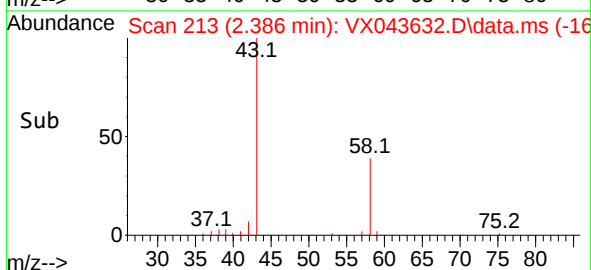
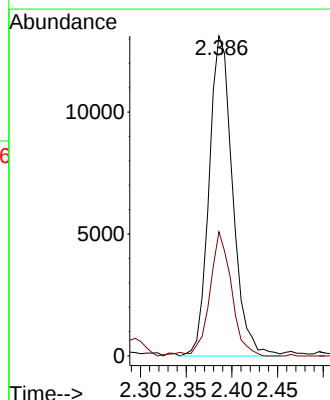
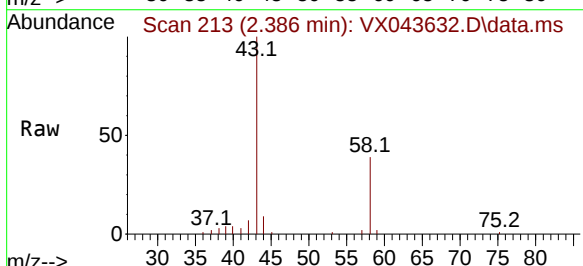
Acq: 30 Oct 2024 18:16

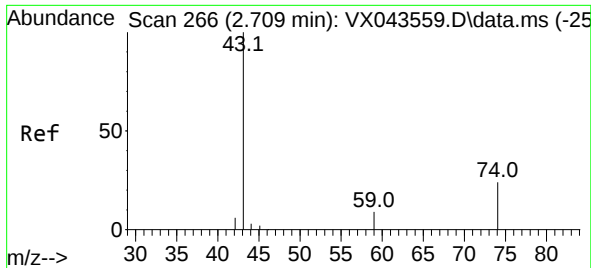
Tgt Ion: 43 Resp: 23507

Ion Ratio Lower Upper

43 100

58 38.8 25.1 37.7#

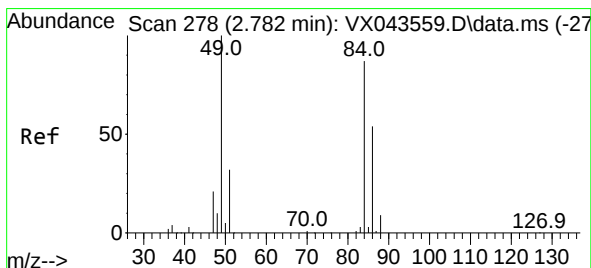
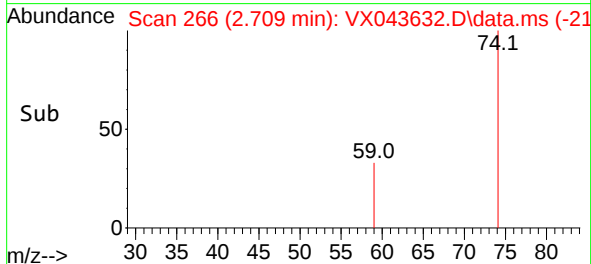
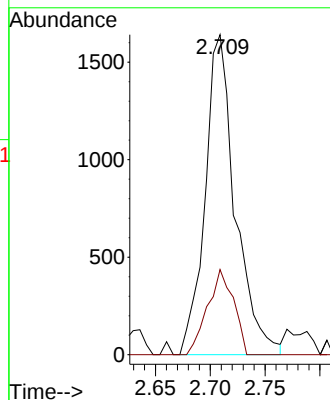
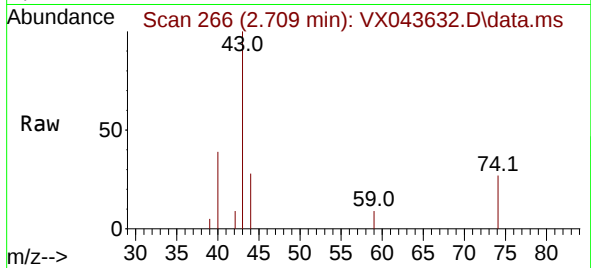




#18
Methyl Acetate
Concen: 1.113 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX043632.D
Acq: 30 Oct 2024 18:16

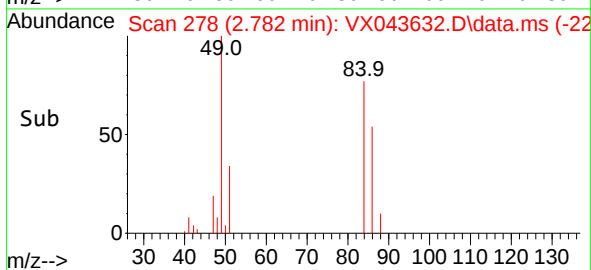
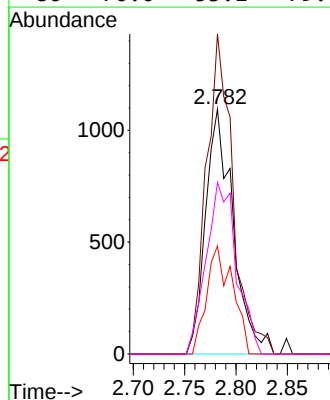
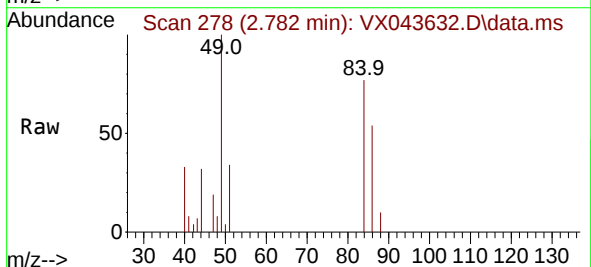
Instrument :
MSVOA_X
ClientSampleId :

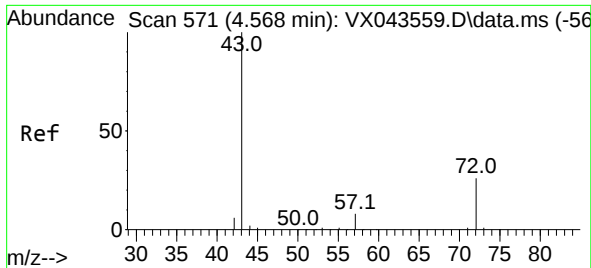
Tgt Ion: 43 Resp: 3139
Ion Ratio Lower Upper
43 100
74 23.0 19.1 28.7



#20
Methylene Chloride
Concen: 0.979 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX043632.D
Acq: 30 Oct 2024 18:16

Tgt Ion: 84 Resp: 2035
Ion Ratio Lower Upper
84 100
49 130.7 97.0 145.6
51 44.1 29.8 44.8
86 70.0 53.1 79.7

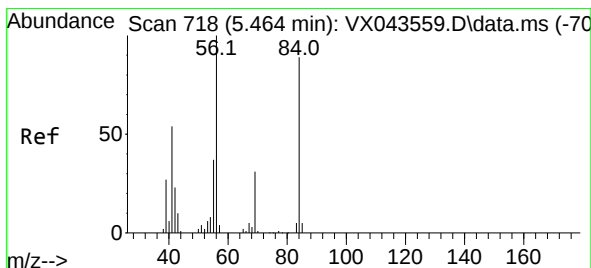
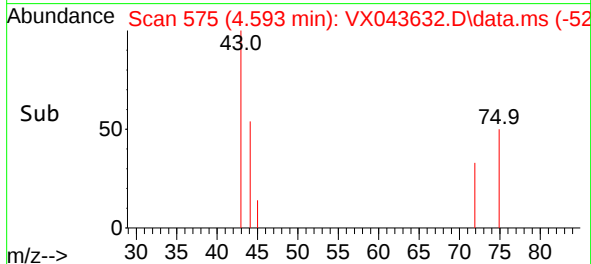
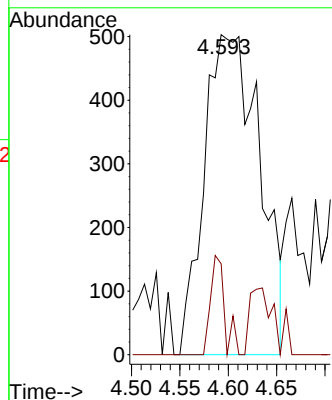
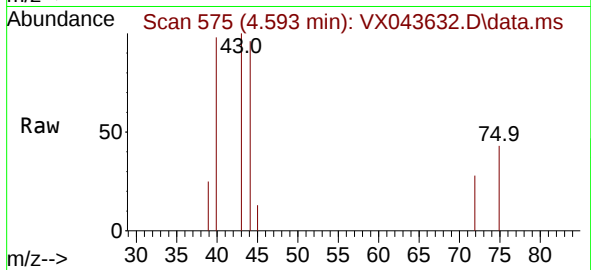




#25
2-Butanone
Concen: 1.428 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX043632.D
Acq: 30 Oct 2024 18:16

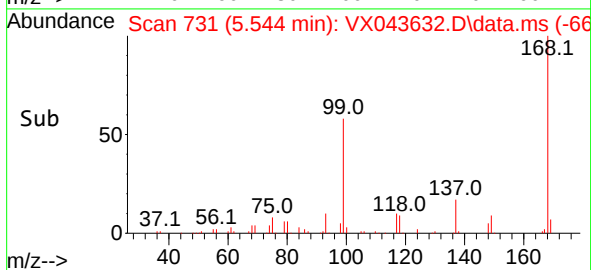
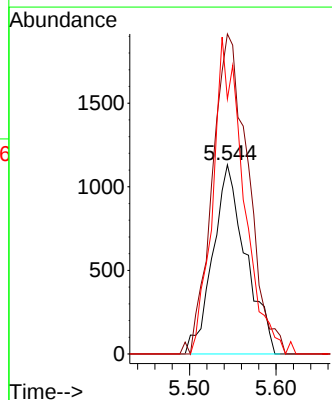
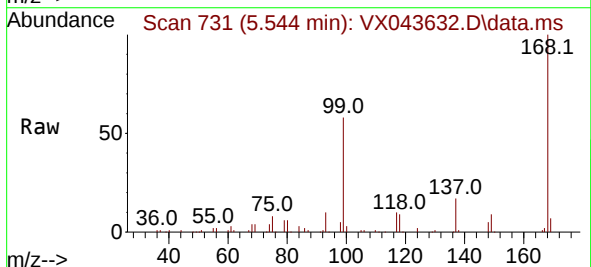
Instrument :
MSVOA_X
ClientSampleId :

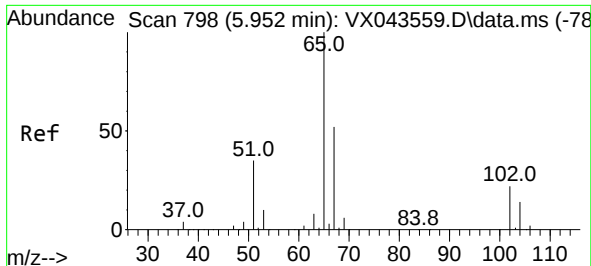
Tgt Ion: 43 Resp: 2009
Ion Ratio Lower Upper
43 100
72 28.4 21.1 31.7



#31
Cyclohexane
Concen: 1.163 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.086 min
Lab File: VX043632.D
Acq: 30 Oct 2024 18:16

Tgt Ion: 56 Resp: 2983
Ion Ratio Lower Upper
56 100
69 169.2 24.9 37.3#
84 134.8 73.3 109.9#

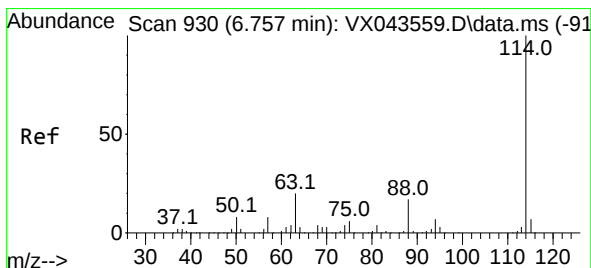
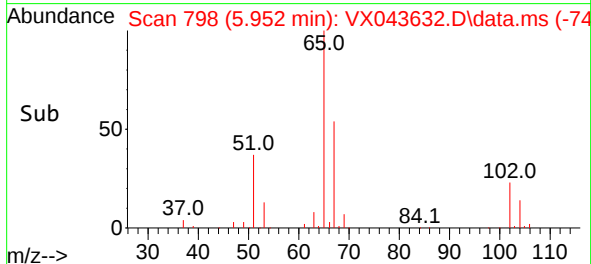
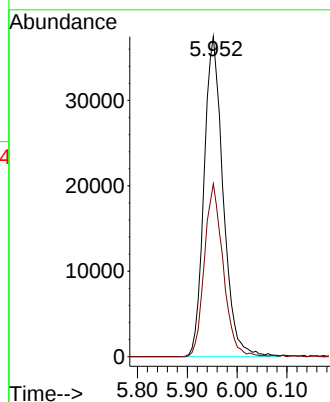
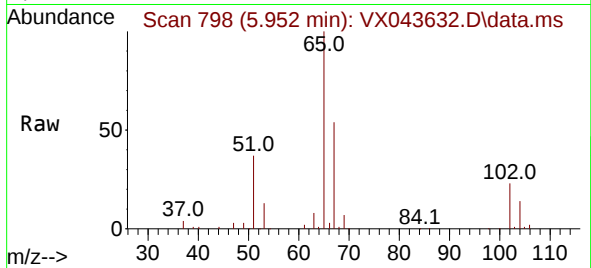




#33
1,2-Dichloroethane-d4
Concen: 41.052 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043632.D
Acq: 30 Oct 2024 18:16

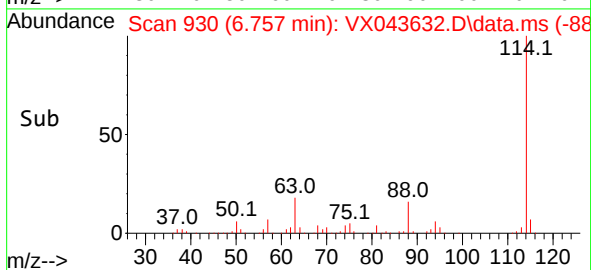
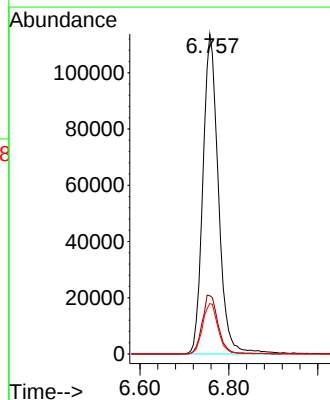
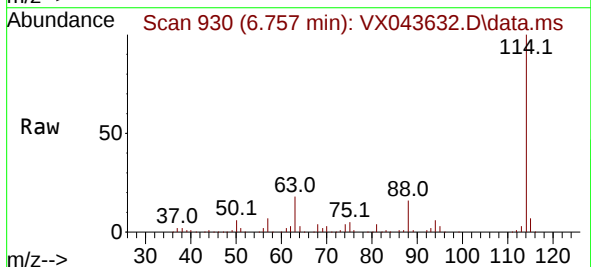
Instrument :
MSVOA_X
ClientSampleId :

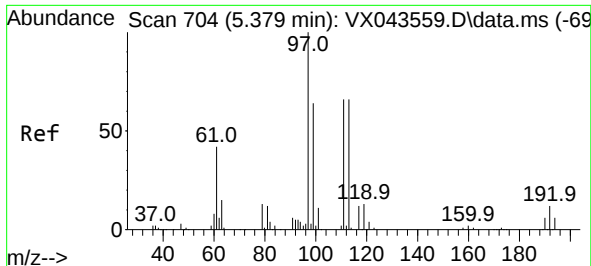
Tgt Ion: 65 Resp: 99737
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043632.D
Acq: 30 Oct 2024 18:16

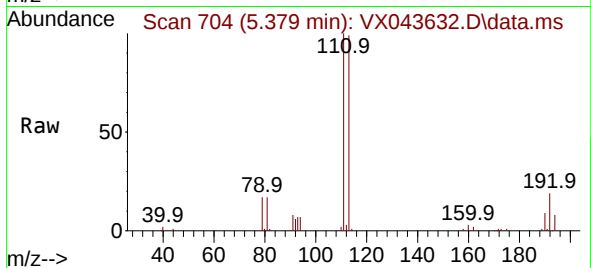
Tgt Ion: 114 Resp: 276534
Ion Ratio Lower Upper
114 100
63 18.2 0.0 41.2
88 15.8 0.0 34.0



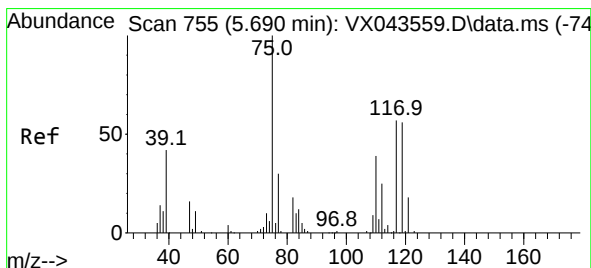
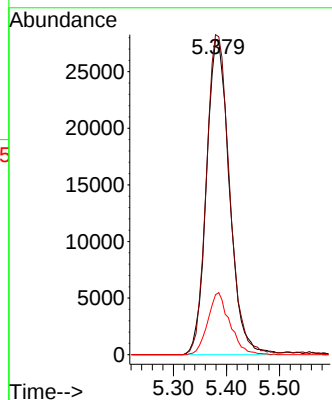
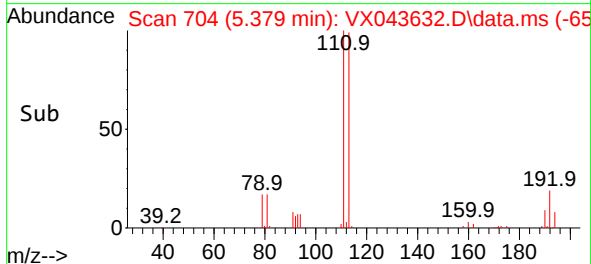


#35
Dibromofluoromethane
Concen: 44.847 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043632.D
Acq: 30 Oct 2024 18:16

Instrument :
MSVOA_X
ClientSampleId :

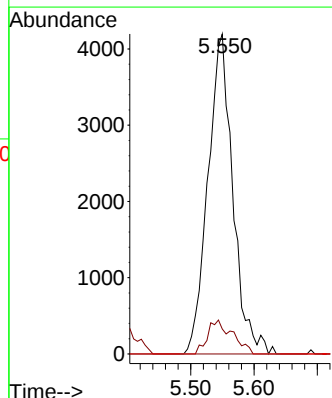
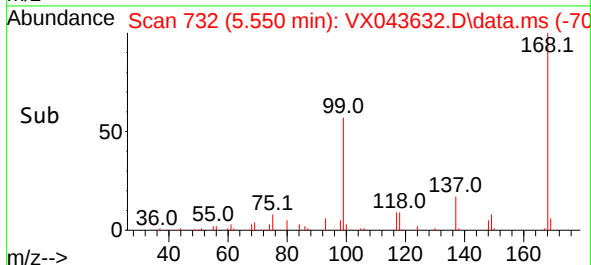
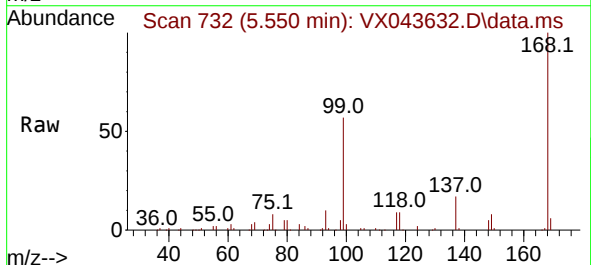


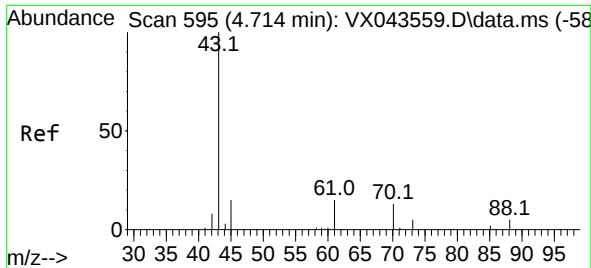
Tgt Ion:113 Resp: 84096
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 18.8 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.165 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX043632.D
Acq: 30 Oct 2024 18:16

Tgt Ion: 75 Resp: 11485
Ion Ratio Lower Upper
75 100
110 10.5 17.9 53.7#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.379 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX043632.D

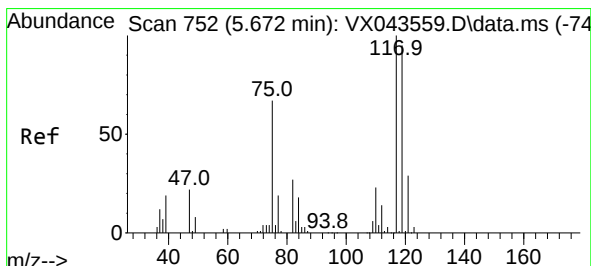
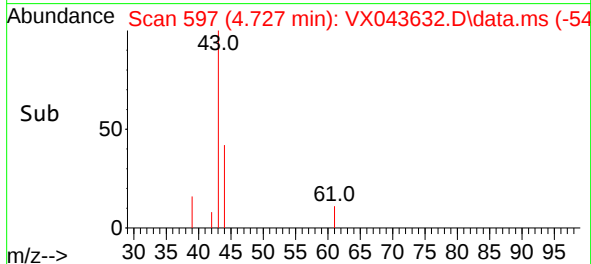
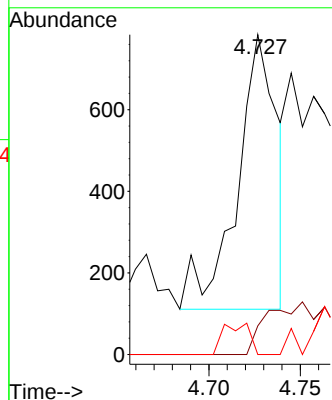
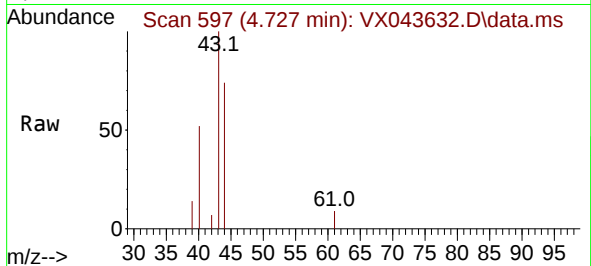
Acq: 30 Oct 2024 18:16

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43	Resp: 1022
Ion Ratio	Lower Upper
43	100
61	13.8 11.0 16.6
70	7.4 8.9 13.3#



#38

Carbon Tetrachloride

Concen: 6.401 ug/l

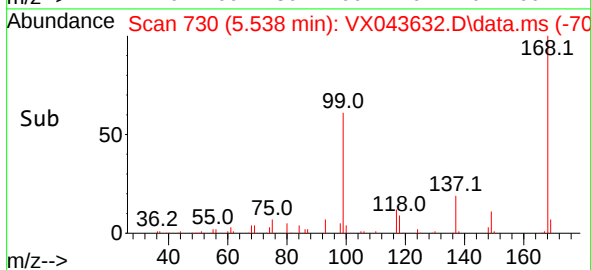
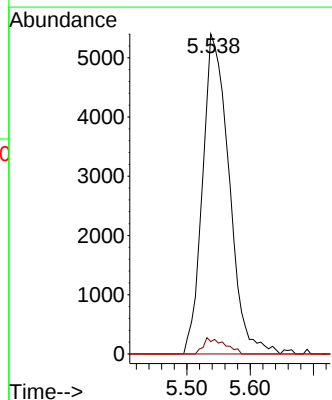
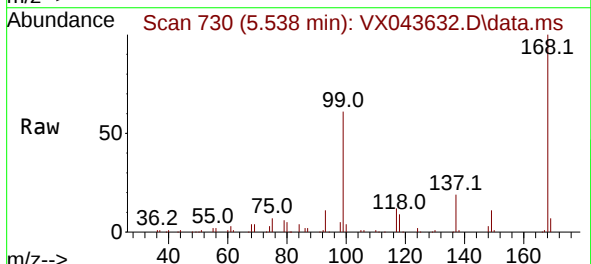
RT: 5.538 min Scan# 730

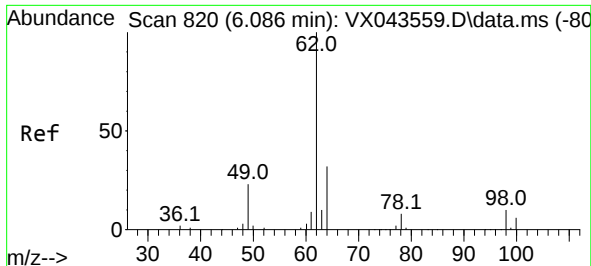
Delta R.T. -0.134 min

Lab File: VX043632.D

Acq: 30 Oct 2024 18:16

Tgt Ion: 117	Resp: 15725
Ion Ratio	Lower Upper
117	100
119	3.9 77.0 115.6#
121	0.0 24.7 37.1#





#42

1,2-Dichloroethane

Concen: 0.235 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.250 min

Lab File: VX043632.D

Acq: 30 Oct 2024 18:16

Instrument :

MSVOA_X

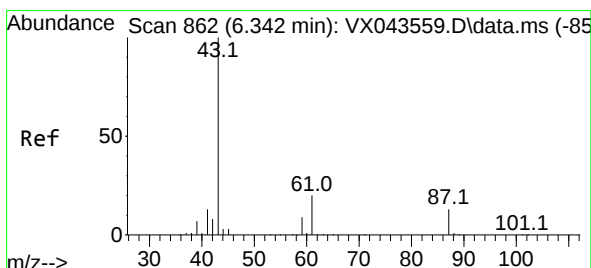
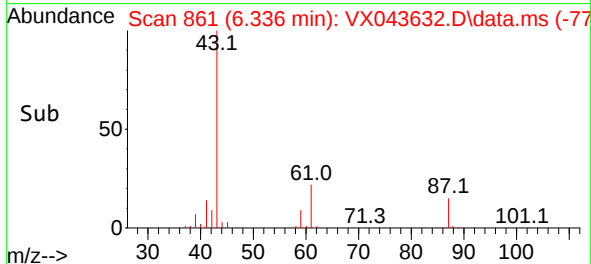
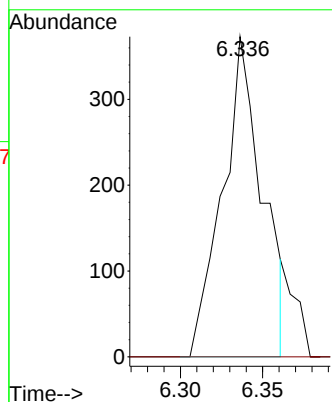
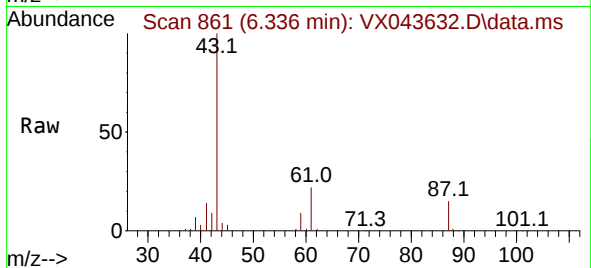
ClientSampleId :

Tgt Ion: 62 Resp: 626

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.8



#43

Isopropyl Acetate

Concen: 28.333 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX043632.D

Acq: 30 Oct 2024 18:16

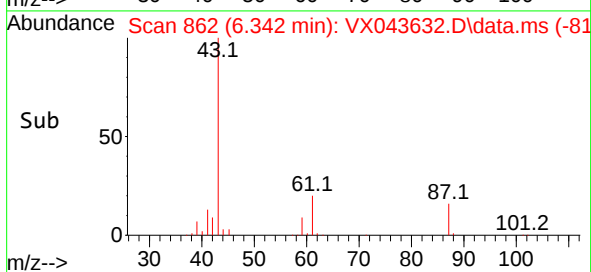
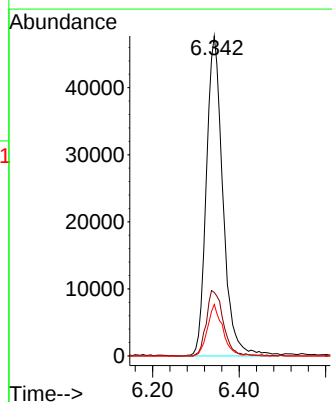
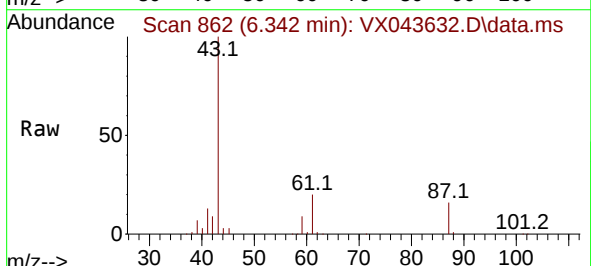
Tgt Ion: 43 Resp: 126487

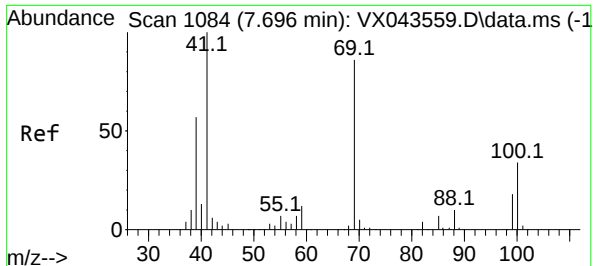
Ion Ratio Lower Upper

43 100

61 21.0 16.2 24.4

87 14.6 11.0 16.6





#48

Methyl methacrylate

Concen: 45.909 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX043632.D

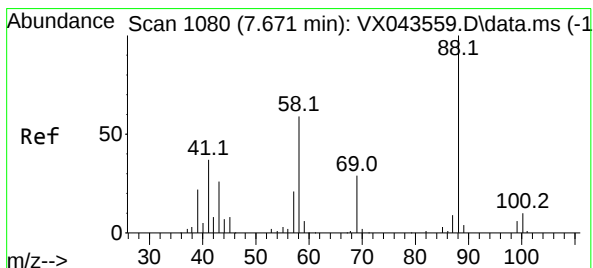
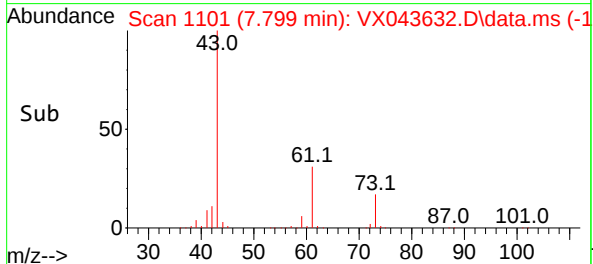
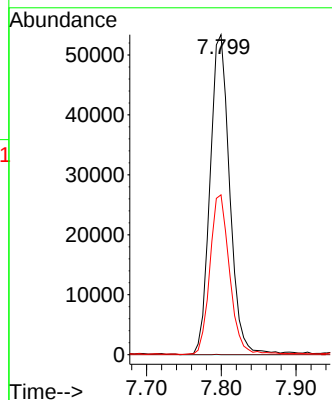
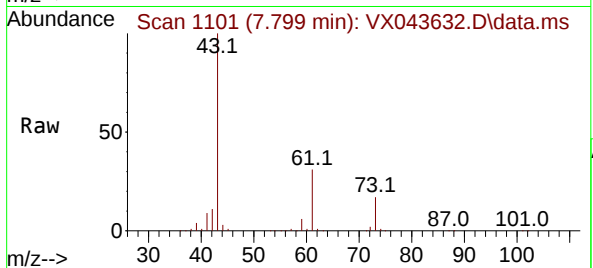
Acq: 30 Oct 2024 18:16

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	41	Resp:	97170
Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.7	101.5#
39	50.0	46.3	69.5



#49

1,4-Dioxane

Concen: 1.081 ug/l

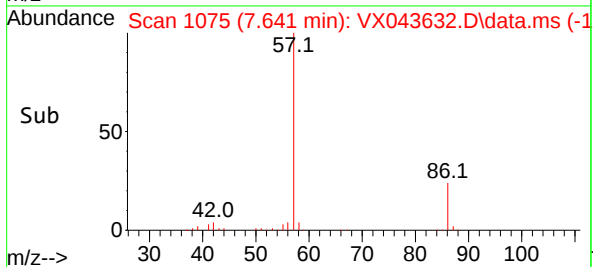
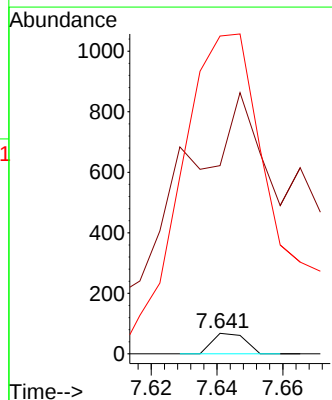
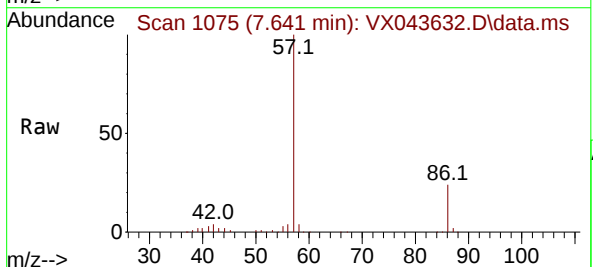
RT: 7.641 min Scan# 1075

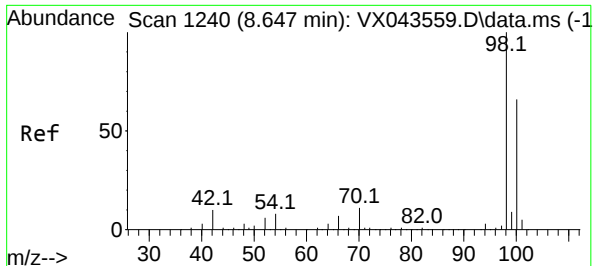
Delta R.T. -0.030 min

Lab File: VX043632.D

Acq: 30 Oct 2024 18:16

Tgt Ion:	88	Resp:	47
Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.3	37.9#
58	4480.9	53.9	80.9#

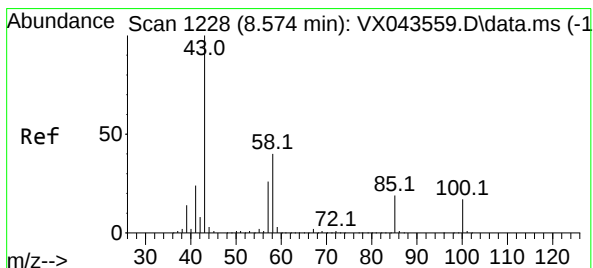
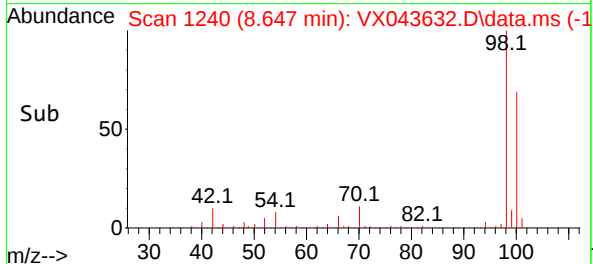
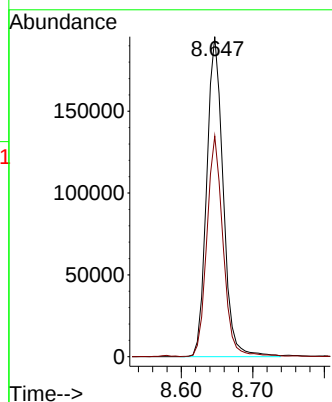
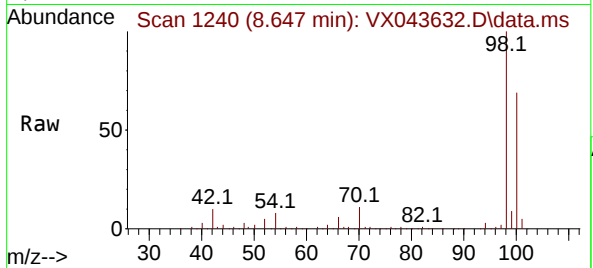




#50
Toluene-d8
Concen: 48.243 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043632.D
Acq: 30 Oct 2024 18:16

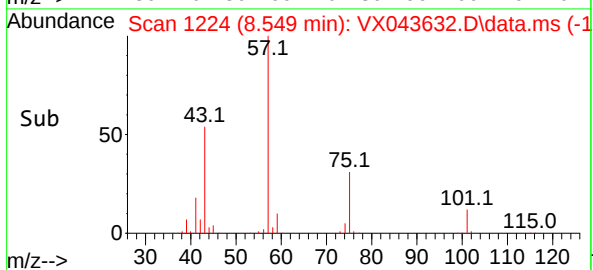
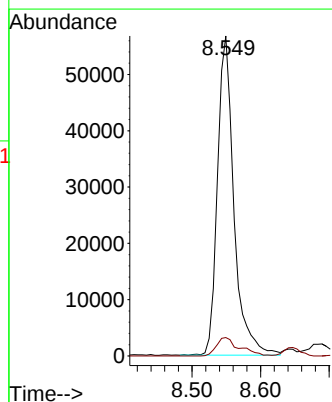
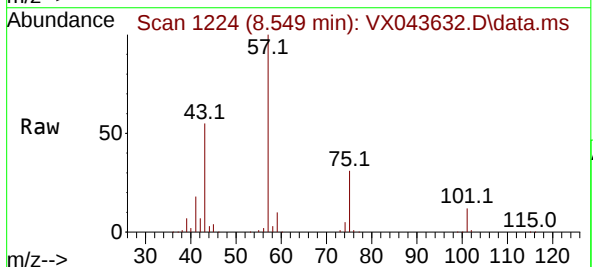
Instrument :
MSVOA_X
ClientSampleId :

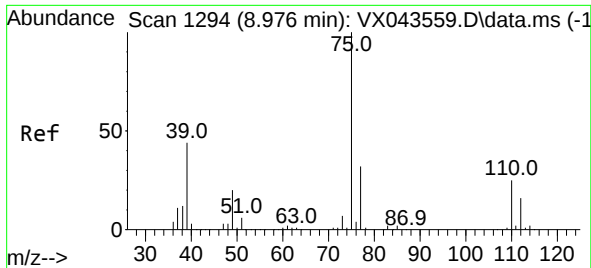
Tgt Ion: 98 Resp: 313154
Ion Ratio Lower Upper
98 100
100 67.6 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 34.744 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.030 min
Lab File: VX043632.D
Acq: 30 Oct 2024 18:16

Tgt Ion: 43 Resp: 94536
Ion Ratio Lower Upper
43 100
58 8.1 31.7 47.5#

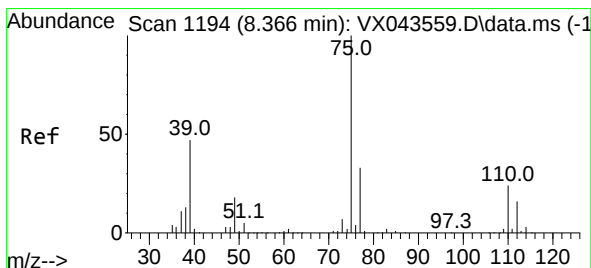
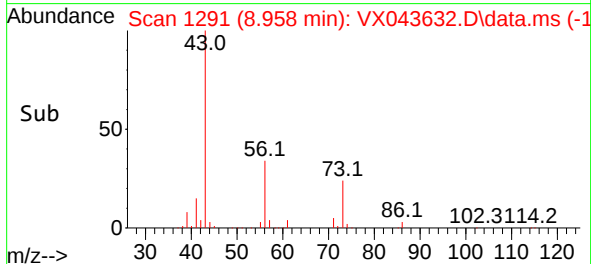
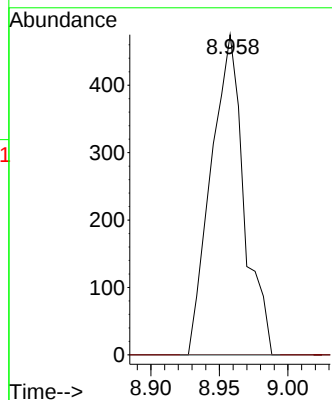
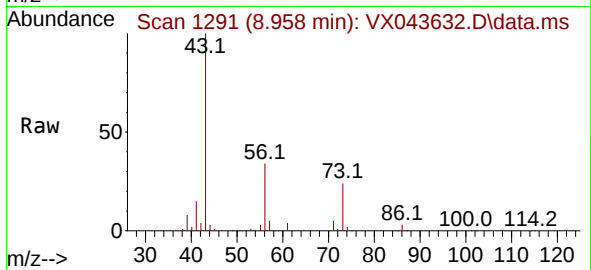




#53
 t-1,3-Dichloropropene
 Concen: 0.300 ug/l
 RT: 8.958 min Scan# 1124
 Delta R.T. -0.018 min
 Lab File: VX043632.D
 Acq: 30 Oct 2024 18:16

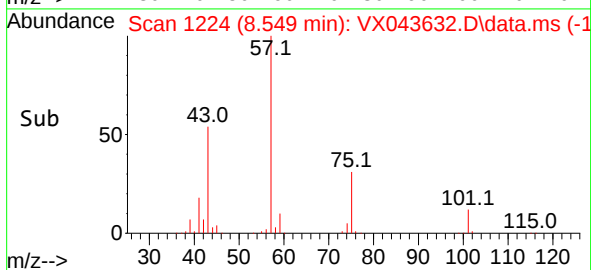
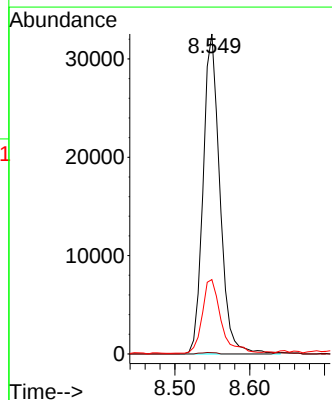
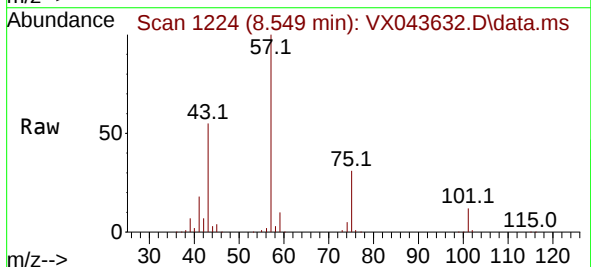
Instrument :
 MSVOA_X
 ClientSampleId :

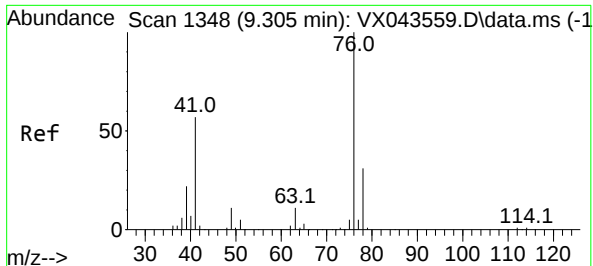
Tgt Ion: 75 Resp: 795
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#



#54
 cis-1,3-Dichloropropene
 Concen: 17.951 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX043632.D
 Acq: 30 Oct 2024 18:16

Tgt Ion: 75 Resp: 50682
 Ion Ratio Lower Upper
 75 100
 77 0.4 24.8 37.2#
 39 23.0 37.7 56.5#

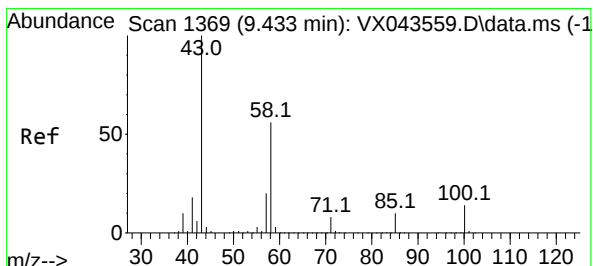
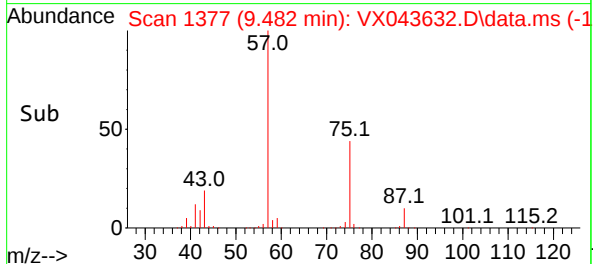
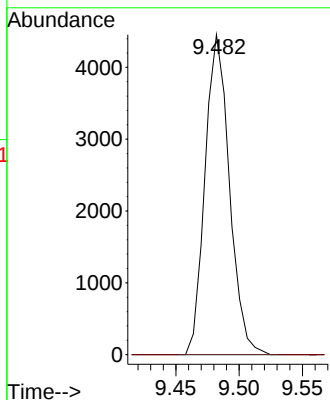
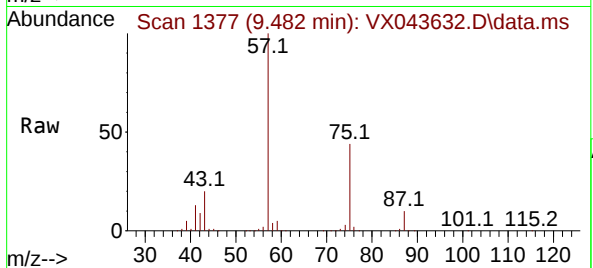




#57
1,3-Dichloropropane
Concen: 1.920 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX043632.D
Acq: 30 Oct 2024 18:16

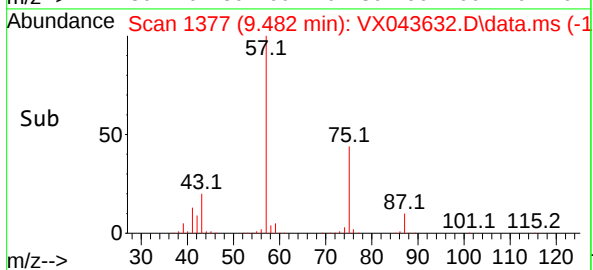
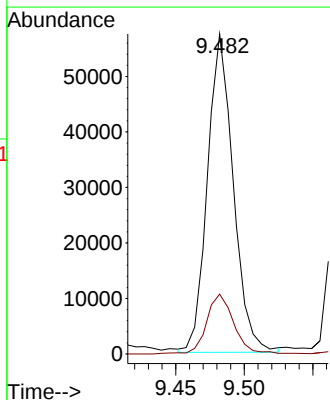
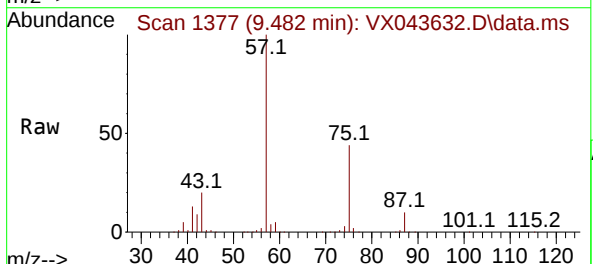
Instrument :
MSVOA_X
ClientSampleId :

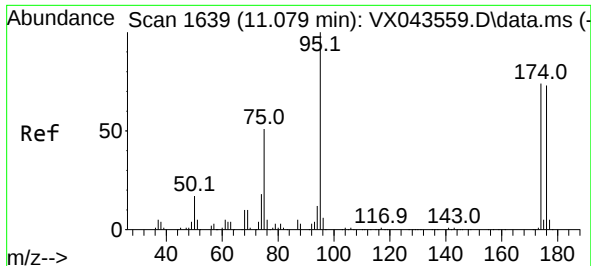
Tgt Ion: 76 Resp: 5979
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#



#59
2-Hexanone
Concen: 36.411 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX043632.D
Acq: 30 Oct 2024 18:16

Tgt Ion: 43 Resp: 75245
Ion Ratio Lower Upper
43 100
58 19.9 27.5 82.5#

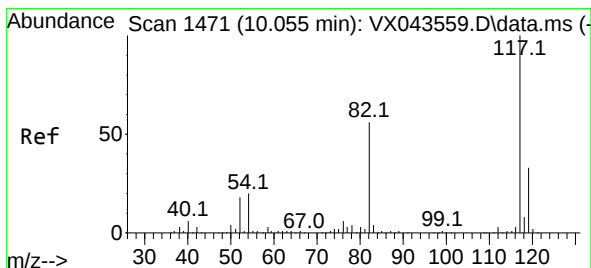
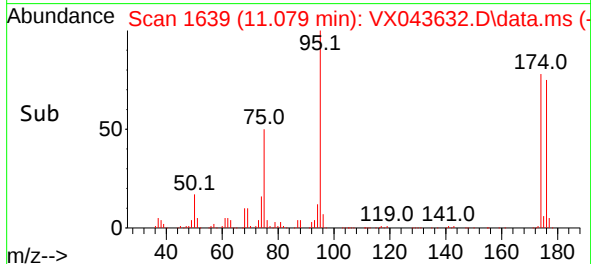
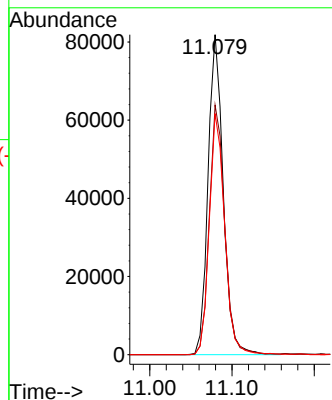
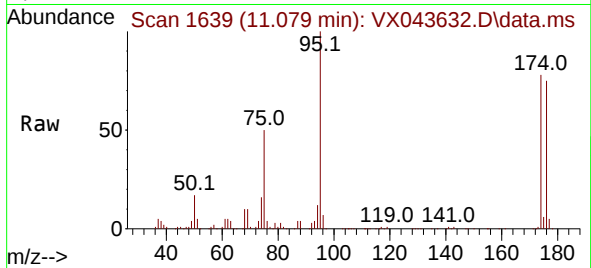




#62
4-Bromofluorobenzene
Concen: 43.609 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043632.D
Acq: 30 Oct 2024 18:16

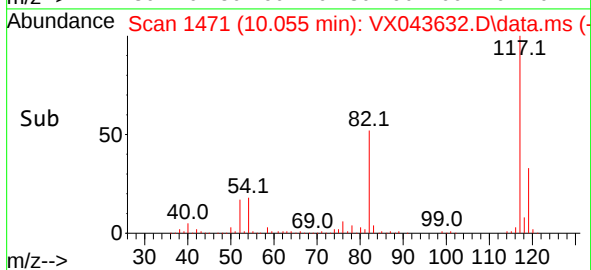
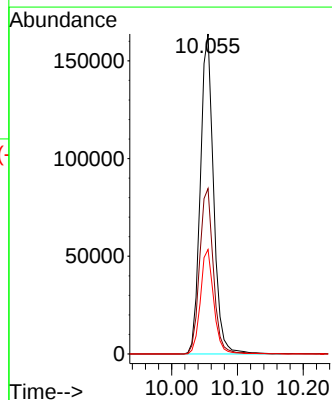
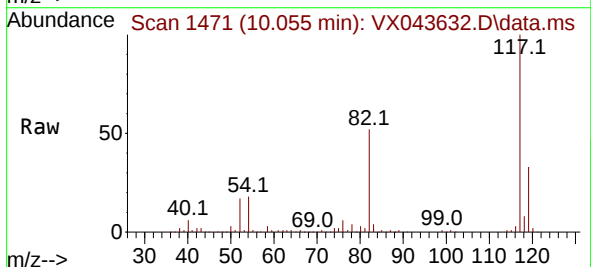
Instrument :
MSVOA_X
ClientSampleId :

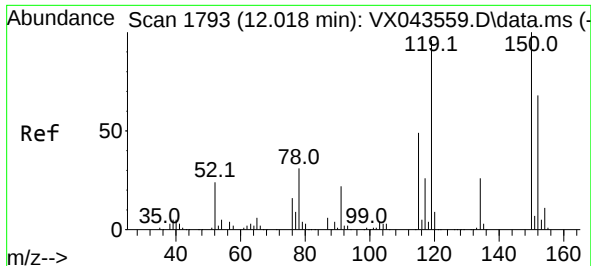
Tgt Ion: 95 Resp: 104893
Ion Ratio Lower Upper
95 100
174 79.6 0.0 146.6
176 76.5 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043632.D
Acq: 30 Oct 2024 18:16

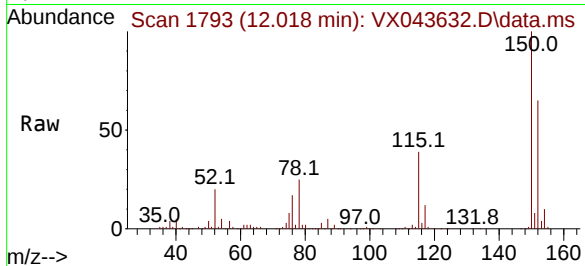
Tgt Ion: 117 Resp: 229396
Ion Ratio Lower Upper
117 100
82 51.7 42.1 63.1
119 32.6 25.4 38.2



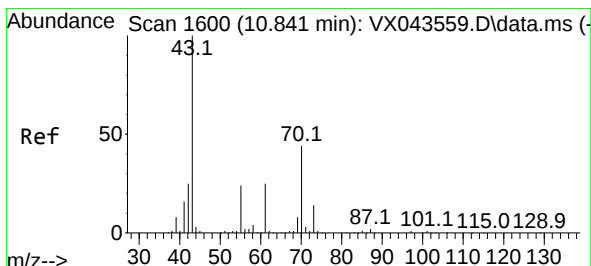
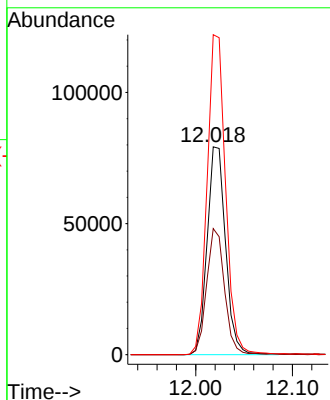
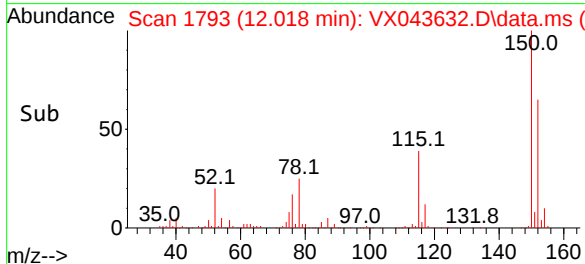


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX043632.D
 Acq: 30 Oct 2024 18:16

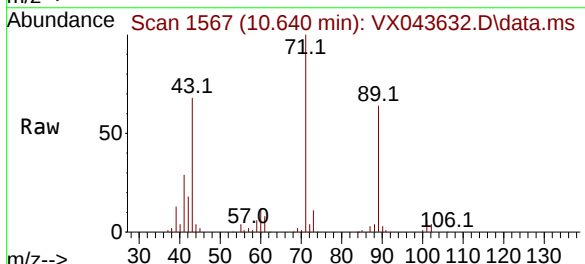
Instrument :
 MSVOA_X
 ClientSampleId :



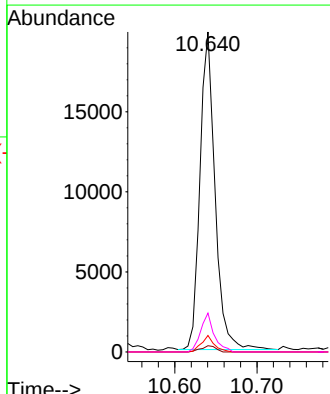
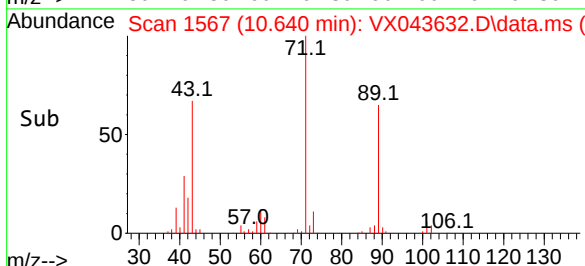
Tgt Ion:152 Resp: 105217
 Ion Ratio Lower Upper
 152 100
 115 58.9 42.9 128.7
 150 153.9 0.0 343.6

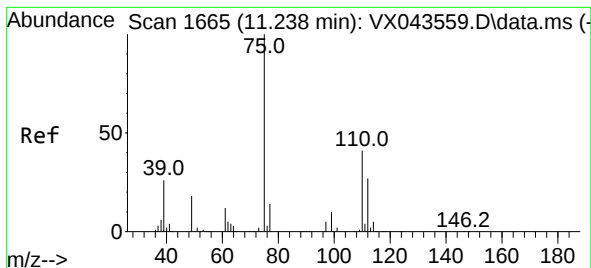


#74
 N-ethyl acetate
 Concen: 6.949 ug/l
 RT: 10.640 min Scan# 1567
 Delta R.T. -0.201 min
 Lab File: VX043632.D
 Acq: 30 Oct 2024 18:16



Tgt Ion: 43 Resp: 25232
 Ion Ratio Lower Upper
 43 100
 70 1.9 34.6 52.0#
 55 4.4 19.6 29.4#
 61 10.9 20.2 30.2#





#76

1,2,3-Trichloropropane

Concen: 22.941 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043632.D

Acq: 30 Oct 2024 18:16

Instrument :

MSVOA_X

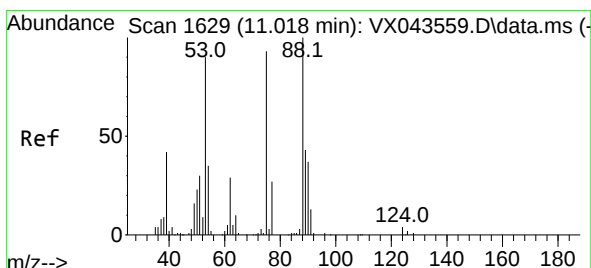
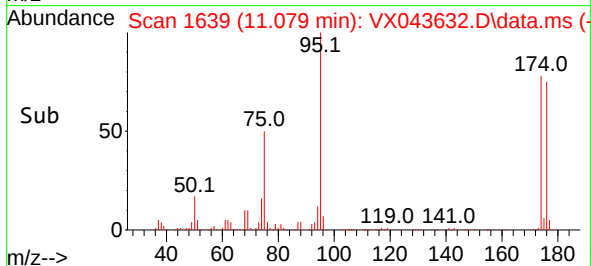
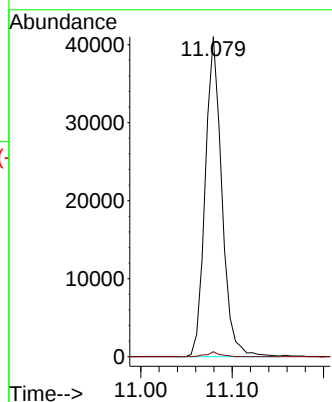
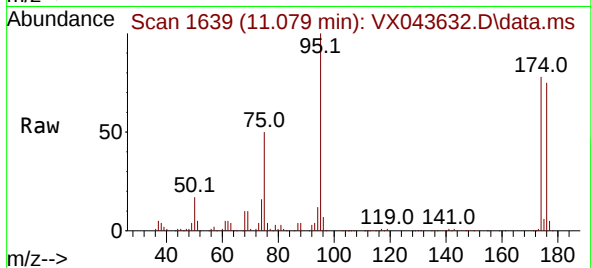
ClientSampleId :

Tgt Ion: 75 Resp: 51610

Ion Ratio Lower Upper

75 100

77 1.2 22.4 67.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.112 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043632.D

Acq: 30 Oct 2024 18:16

Tgt Ion: 75 Resp: 51610

Ion Ratio Lower Upper

75 100

53 0.0 84.6 126.8#

89 0.0 38.6 58.0#

