

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110724\
 Data File : VX043743.D
 Acq On : 07 Nov 2024 17:49
 Operator : JC/MD
 Sample : P4738-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 08 04:12:08 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

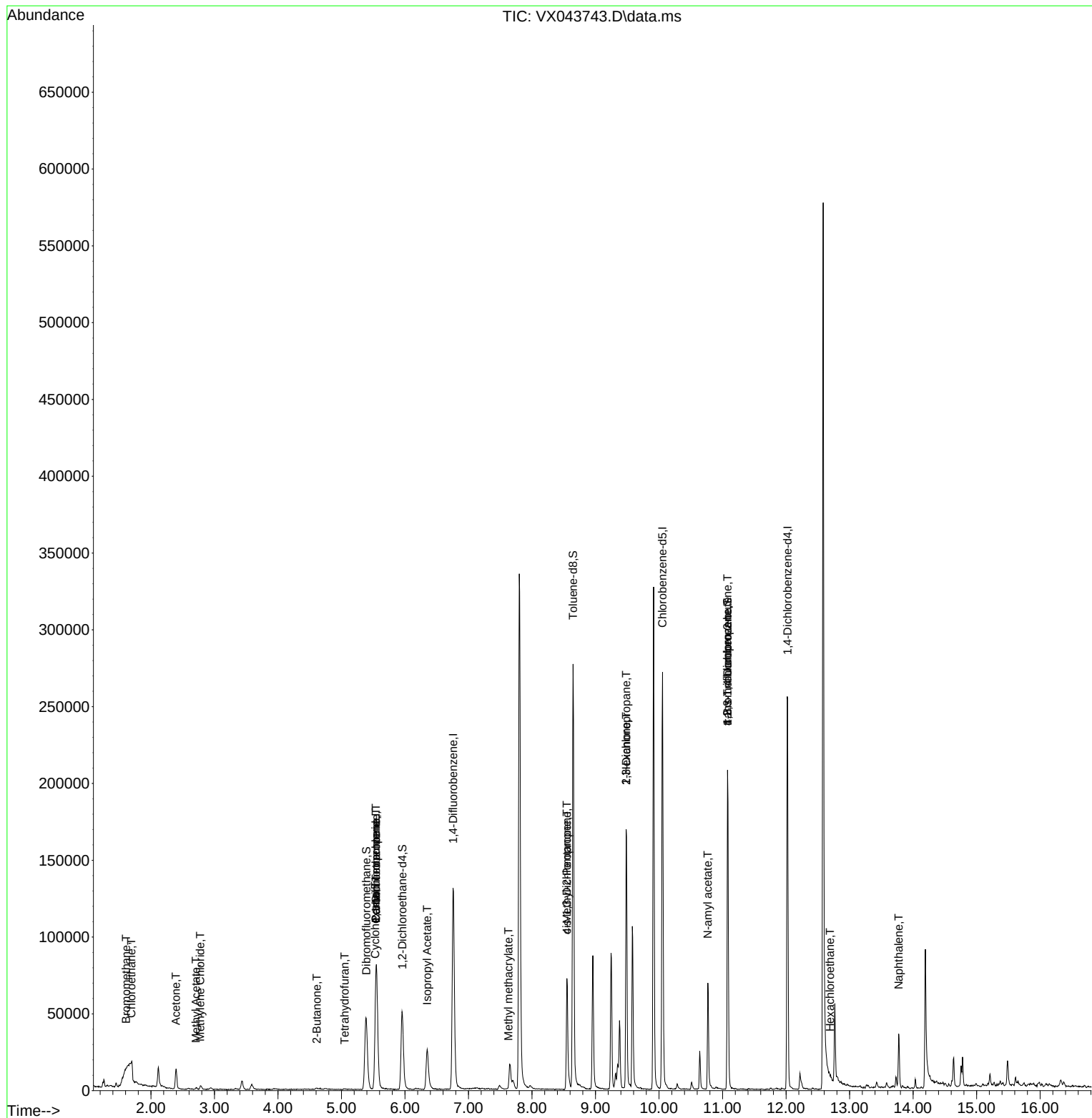
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	84322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49237	36.620	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	73.240%#
35) Dibromofluoromethane	5.391	113	43985	43.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.360%
50) Toluene-d8	8.647	98	175355	49.729	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.460%
62) 4-Bromofluorobenzene	11.079	95	60326	46.169	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.340%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	226	0.518	ug/l #	2
6) Chloroethane	1.691	64	96	0.255	ug/l #	83
16) Acetone	2.392	43	14942	27.985	ug/l	96
18) Methyl Acetate	2.709	43	1416	0.907	ug/l #	84
20) Methylene Chloride	2.776	84	1347	1.171	ug/l #	75
25) 2-Butanone	4.611	43	1832	2.352	ug/l	92
29) Tetrahydrofuran	5.050	42	235	0.464	ug/l #	32
31) Cyclohexane	5.531	56	533	0.375	ug/l #	23
36) 1,1-Dichloropropene	5.544	75	5979	4.950	ug/l #	45
38) Carbon Tetrachloride	5.544	117	8804	6.597	ug/l #	16
43) Isopropyl Acetate	6.348	43	39034	16.096	ug/l	97
48) Methyl methacrylate	7.629	41	1423	1.238	ug/l #	13
51) 4-Methyl-2-Pentanone	8.549	43	25653	17.355	ug/l #	48
54) cis-1,3-Dichloropropene	8.549	75	13858	9.036	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	1426	0.843	ug/l #	42
59) 2-Hexanone	9.482	43	19868	17.698	ug/l #	53
74) N-amyl acetate	10.768	43	35170	17.045	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	28929	22.627	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	28929	62.248	ug/l #	7
90) Hexachloroethane	12.695	117	413	0.710	ug/l #	17
95) Naphthalene	13.774	128	23510	5.049	ug/l	98

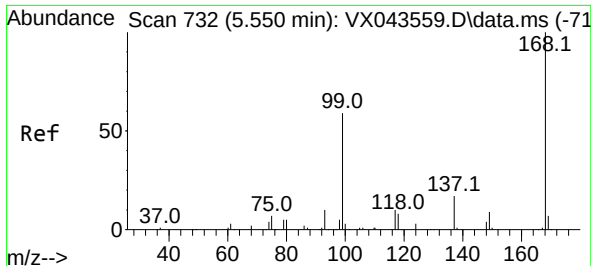
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : P4738-02
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :

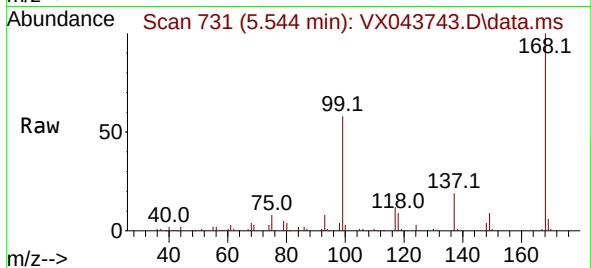
Quant Time: Nov 08 04:12:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration



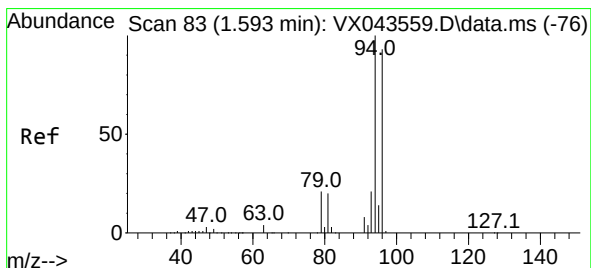
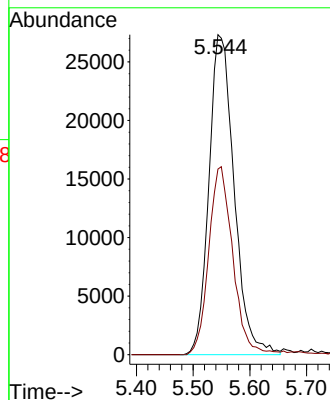
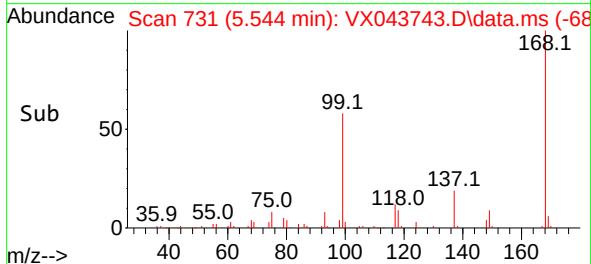


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :

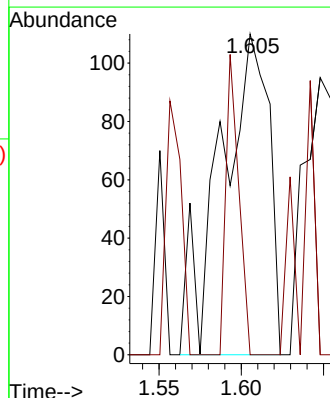
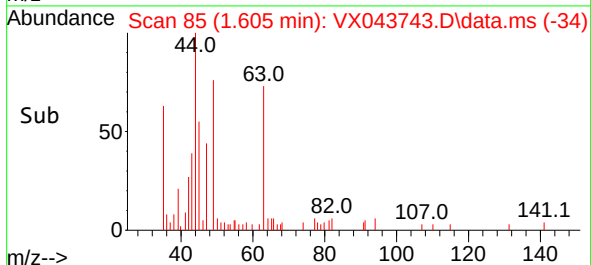
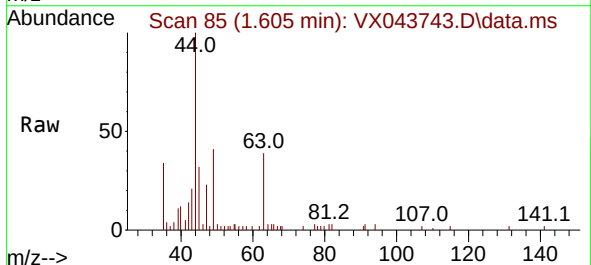


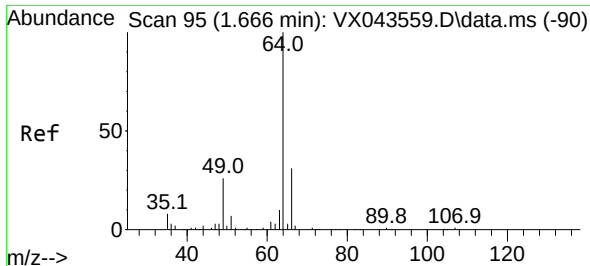
Tgt Ion:168 Resp: 84322
Ion Ratio Lower Upper
168 100
99 58.0 52.6 78.8



#5
Bromomethane
Concen: 0.518 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

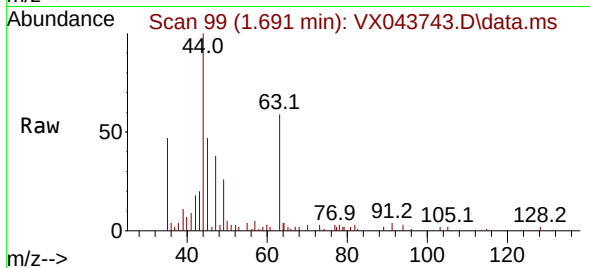
Tgt Ion: 94 Resp: 226
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#



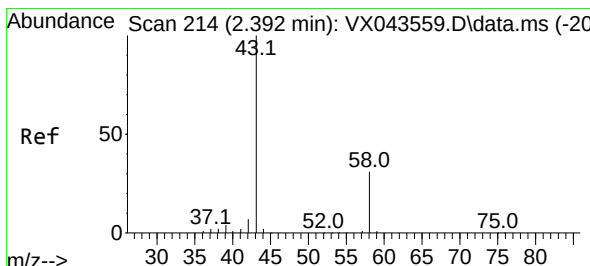
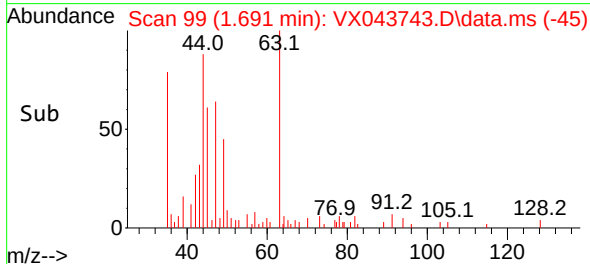
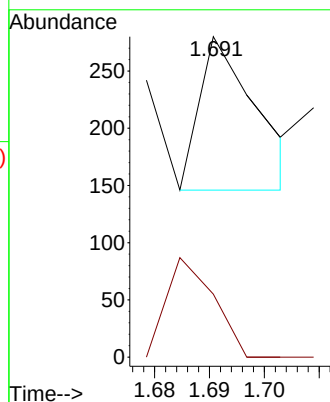


#6
Chloroethane
Concen: 0.255 ug/l
RT: 1.691 min Scan# 96
Delta R.T. 0.031 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :

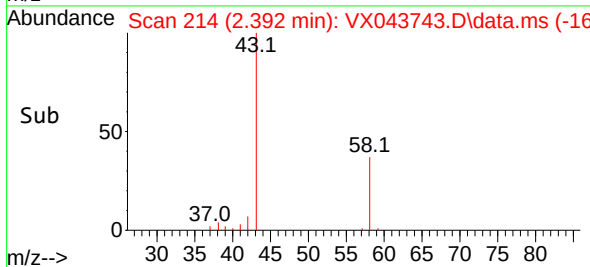
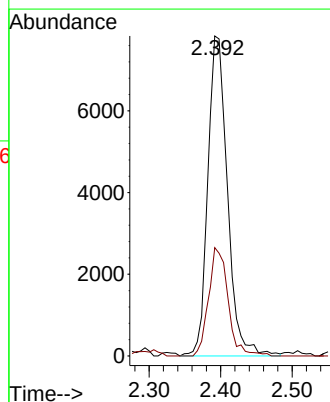
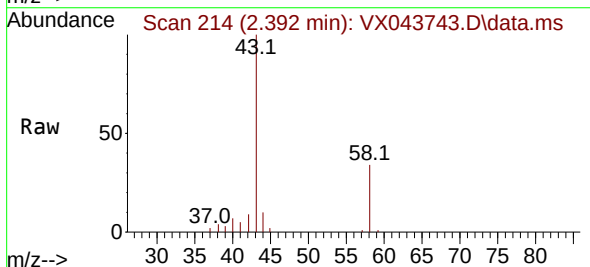


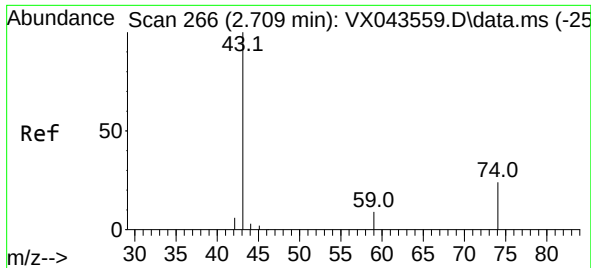
Tgt Ion: 64 Resp: 96
Ion Ratio Lower Upper
64 100
66 41.0 25.1 37.7#



#16
Acetone
Concen: 27.985 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

Tgt Ion: 43 Resp: 14942
Ion Ratio Lower Upper
43 100
58 33.9 25.1 37.7

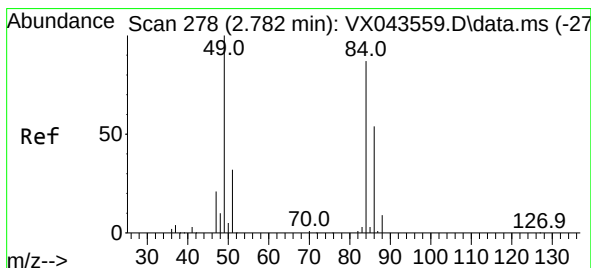
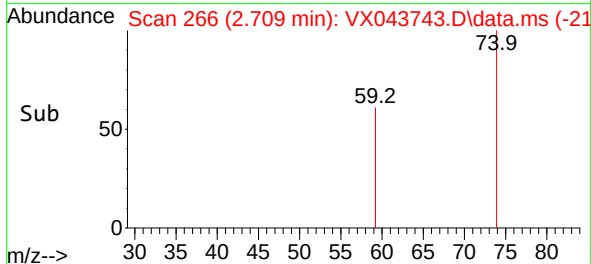
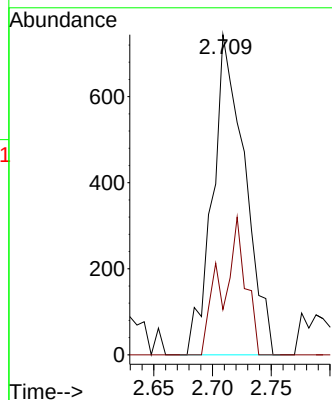
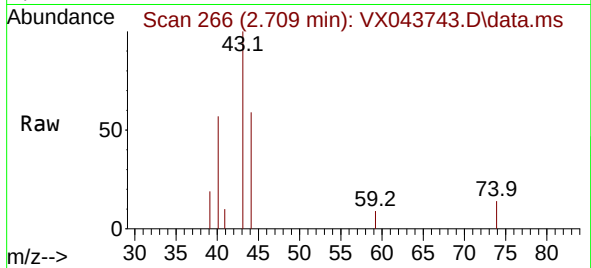




#18
Methyl Acetate
Concen: 0.907 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

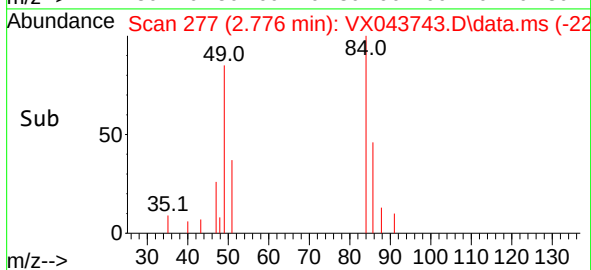
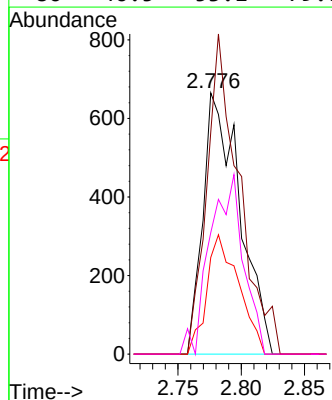
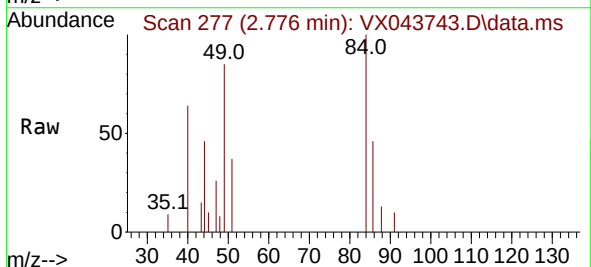
Instrument :
MSVOA_X
ClientSampleId :

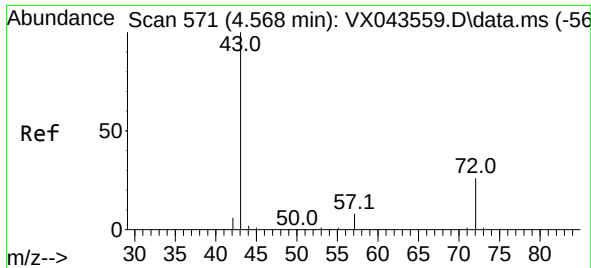
Tgt Ion: 43 Resp: 1416
Ion Ratio Lower Upper
43 100
74 31.8 19.1 28.7#



#20
Methylene Chloride
Concen: 1.171 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

Tgt Ion: 84 Resp: 1347
Ion Ratio Lower Upper
84 100
49 85.0 97.0 145.6#
51 37.0 29.8 44.8
86 46.5 53.1 79.7#

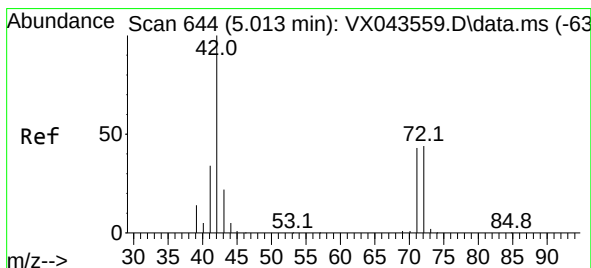
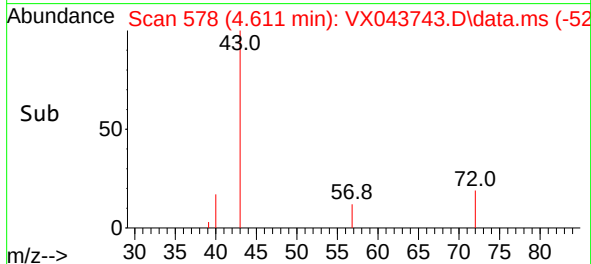
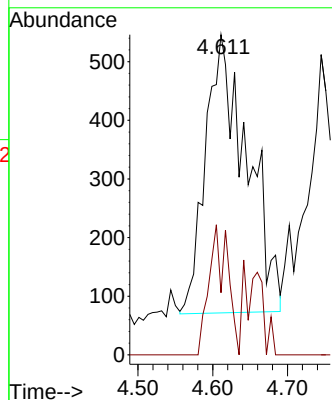
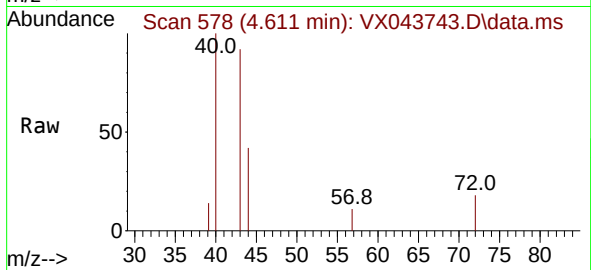




#25
2-Butanone
Concen: 2.352 ug/l
RT: 4.611 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

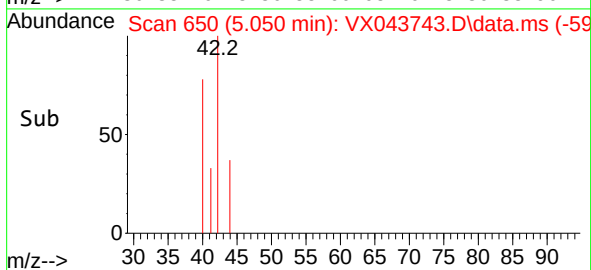
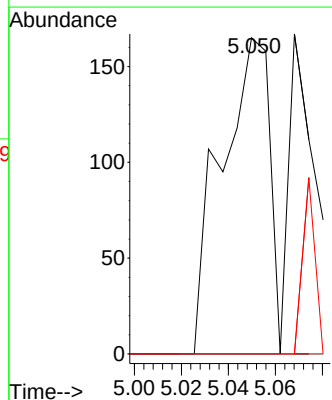
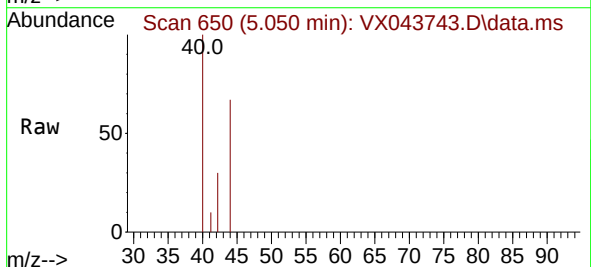
Instrument :
MSVOA_X
ClientSampleId :

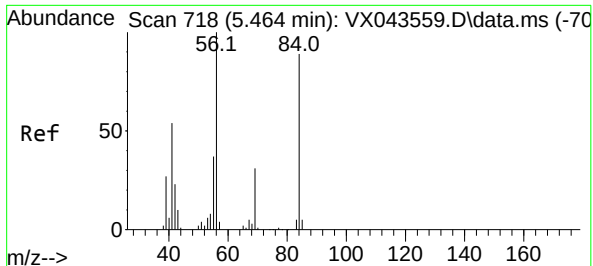
Tgt Ion: 43 Resp: 1832
Ion Ratio Lower Upper
43 100
72 22.5 21.1 31.7



#29
Tetrahydrofuran
Concen: 0.464 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.037 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

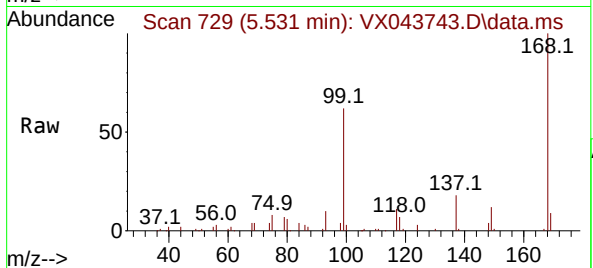
Tgt Ion: 42 Resp: 235
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 0.0 34.2 51.4#



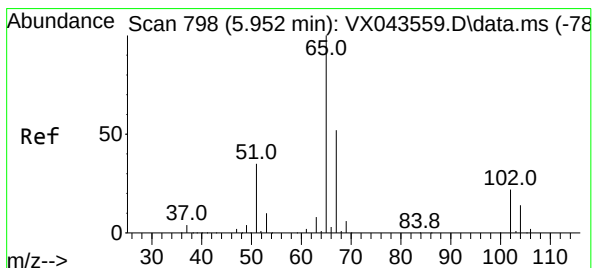
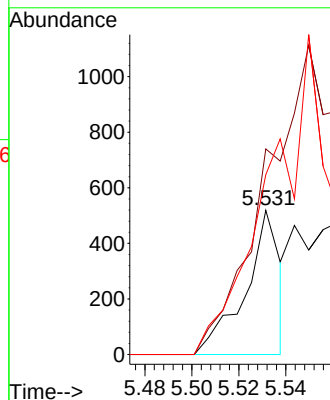
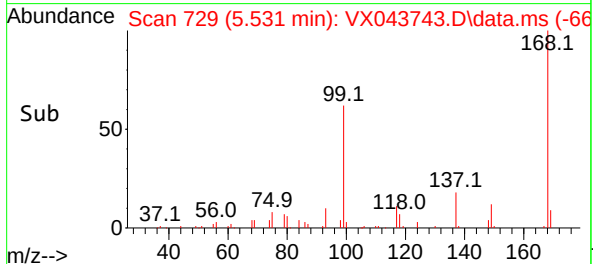


#31
Cyclohexane
Concen: 0.375 ug/l
RT: 5.531 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :

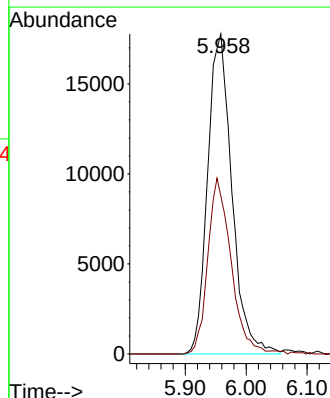
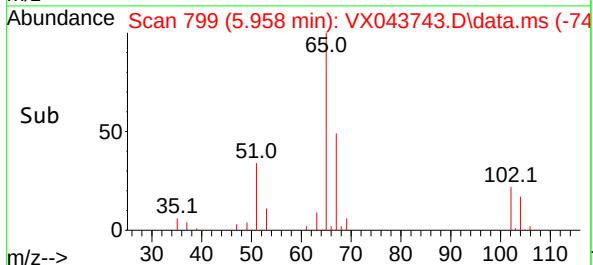
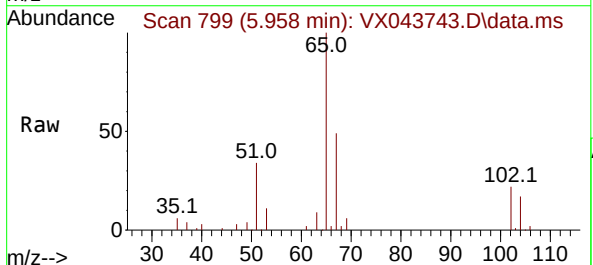


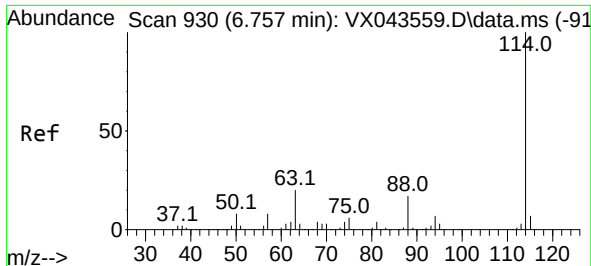
Tgt Ion: 56 Resp: 533
Ion Ratio Lower Upper
56 100
69 142.6 24.9 37.3#
84 124.7 73.3 109.9#



#33
1,2-Dichloroethane-d4
Concen: 36.620 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

Tgt Ion: 65 Resp: 49237
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4

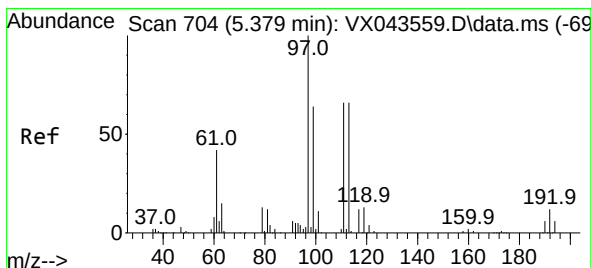
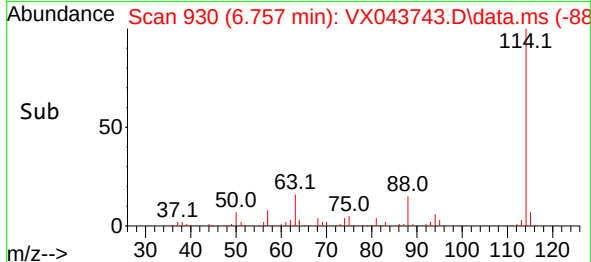
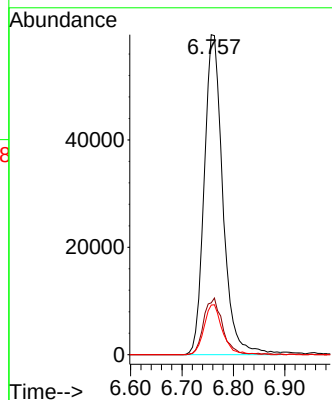
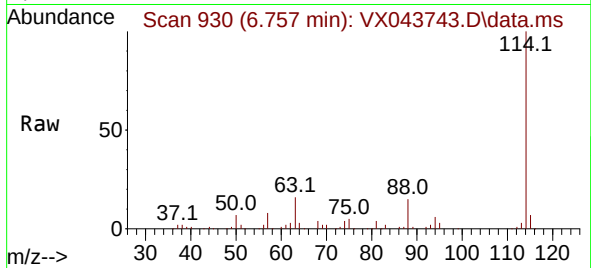




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

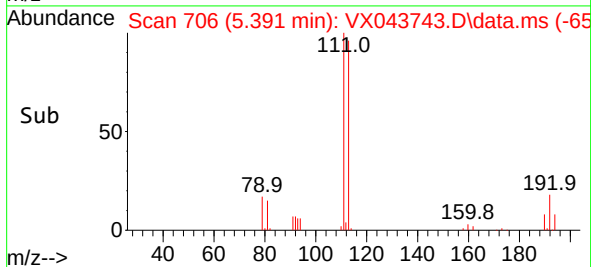
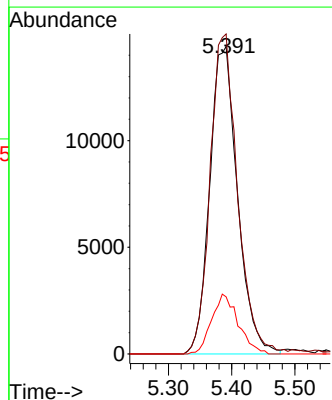
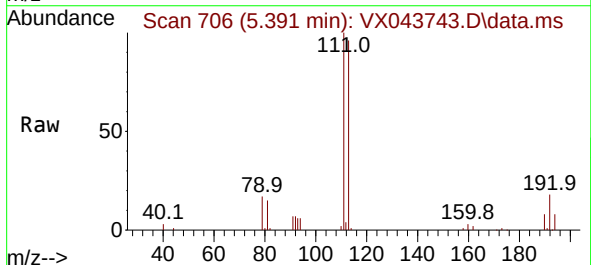
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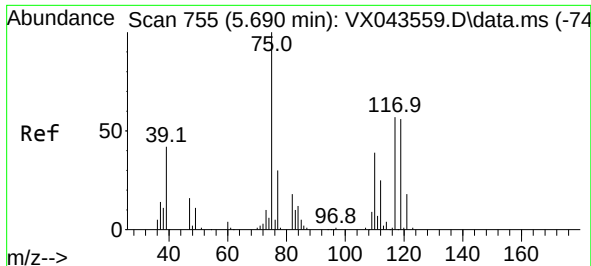
Tgt Ion:114 Resp: 150222
Ion Ratio Lower Upper
114 100
63 16.2 0.0 41.2
88 15.5 0.0 34.0



#35
Dibromofluoromethane
Concen: 43.180 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

Tgt Ion:113 Resp: 43985
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 18.6 14.1 21.1

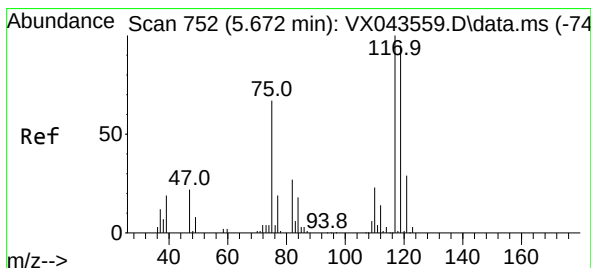
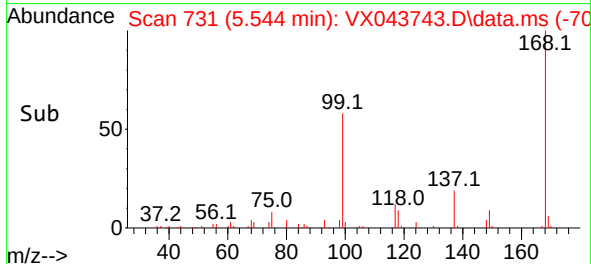
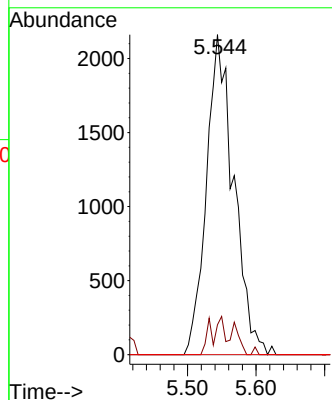
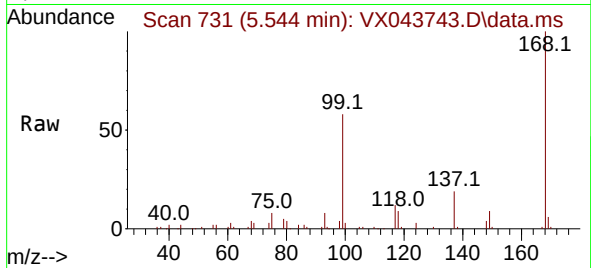




#36
1,1-Dichloropropene
Concen: 4.950 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

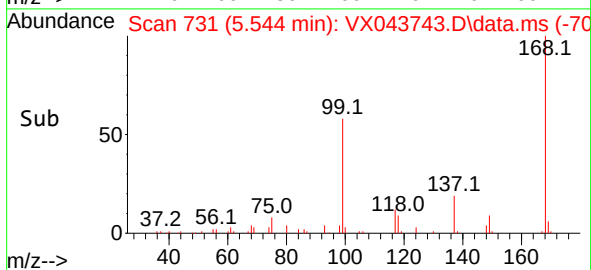
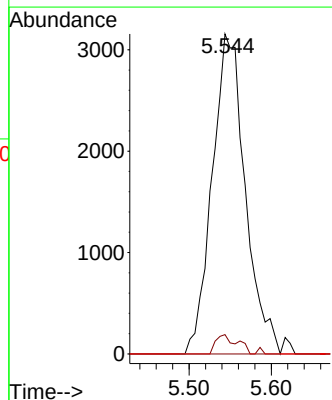
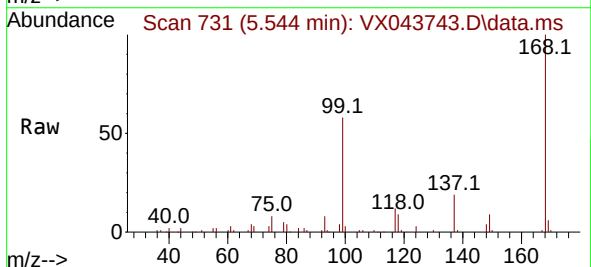
Instrument :
MSVOA_X
ClientSampleId :

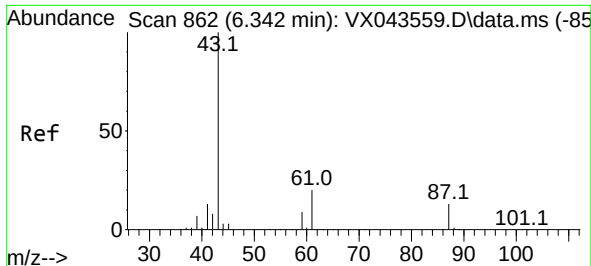
Tgt Ion: 75 Resp: 5979
Ion Ratio Lower Upper
75 100
110 4.0 17.9 53.7#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.597 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

Tgt Ion: 117 Resp: 8804
Ion Ratio Lower Upper
117 100
119 6.0 77.0 115.6#
121 0.0 24.7 37.1#

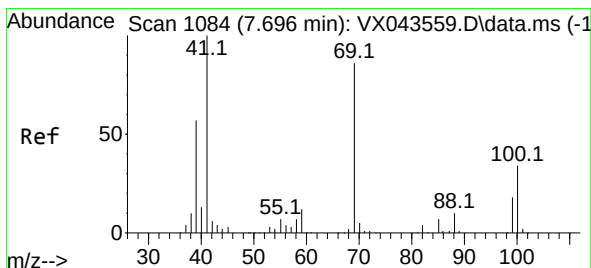
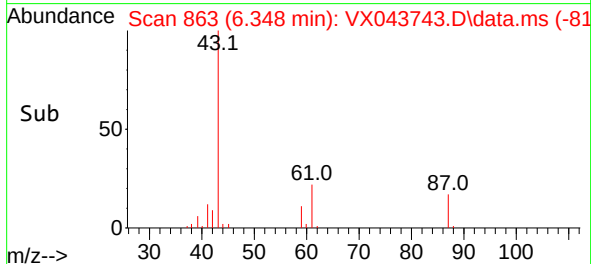
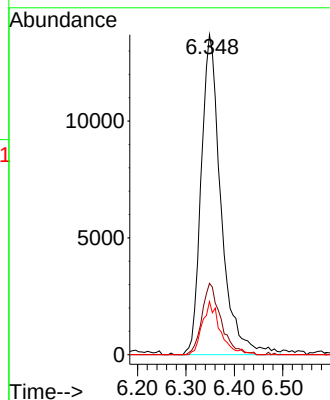
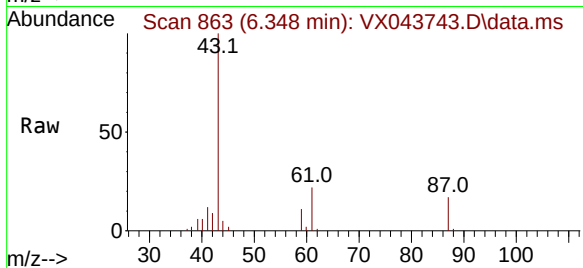




#43
Isopropyl Acetate
Concen: 16.096 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

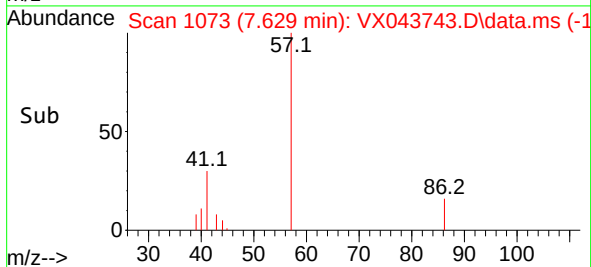
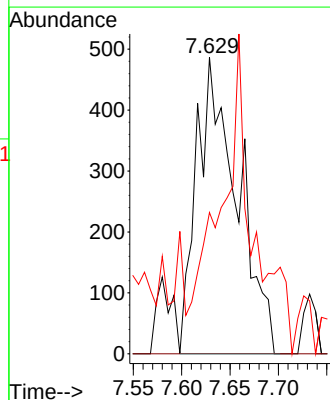
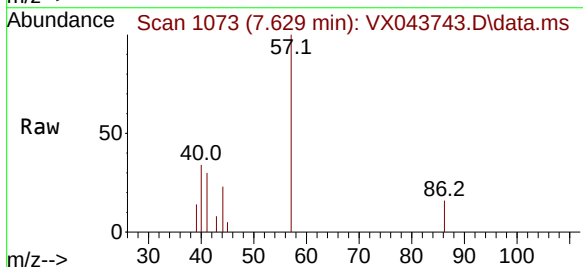
Instrument :
MSVOA_X
ClientSampleId :

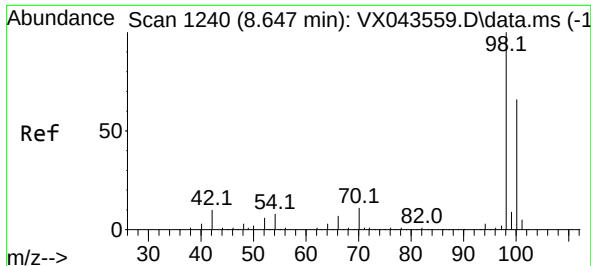
Tgt Ion: 43 Resp: 39034
Ion Ratio Lower Upper
43 100
61 21.3 16.2 24.4
87 15.1 11.0 16.6



#48
Methyl methacrylate
Concen: 1.238 ug/l
RT: 7.629 min Scan# 1073
Delta R.T. -0.067 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

Tgt Ion: 41 Resp: 1423
Ion Ratio Lower Upper
41 100
69 0.0 67.7 101.5#
39 0.0 46.3 69.5#

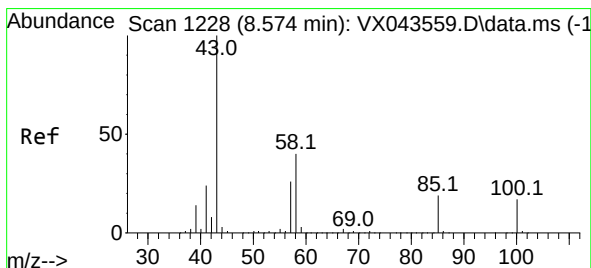
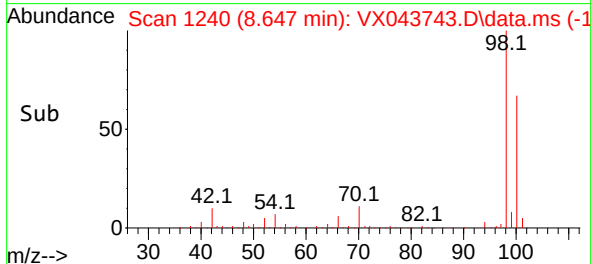
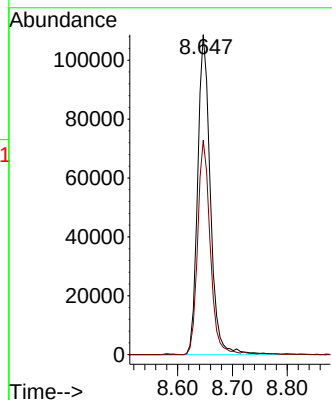
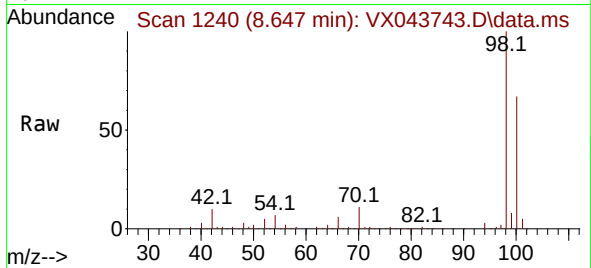




#50
Toluene-d8
Concen: 49.729 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

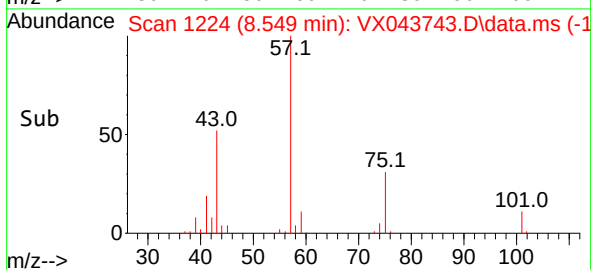
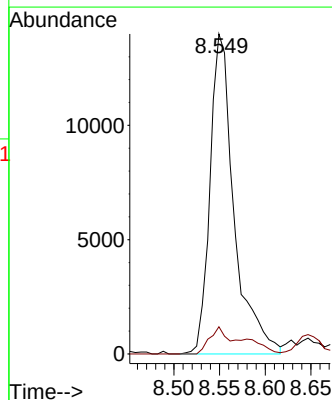
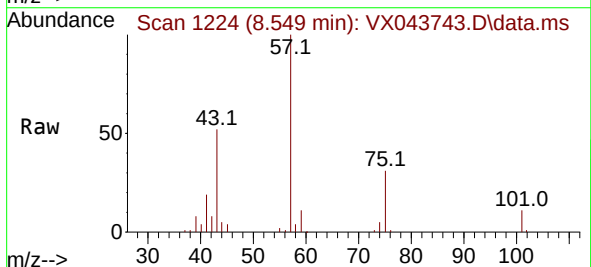
Instrument :
MSVOA_X
ClientSampleId :

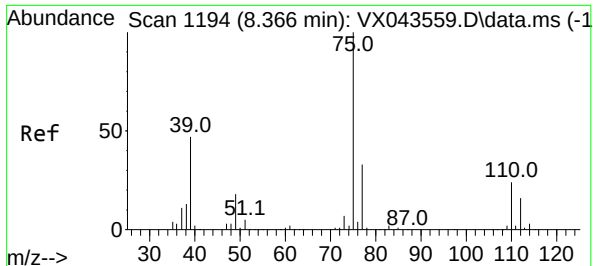
Tgt Ion: 98 Resp: 175355
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 17.355 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.030 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

Tgt Ion: 43 Resp: 25653
Ion Ratio Lower Upper
43 100
58 7.7 31.7 47.5#

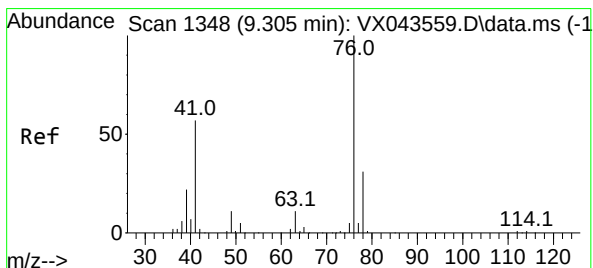
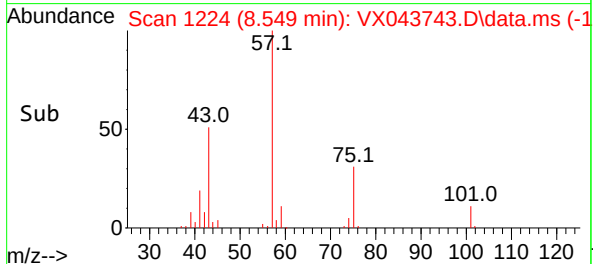
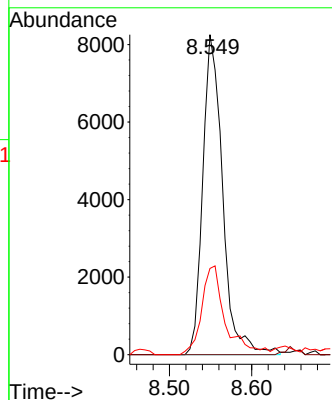
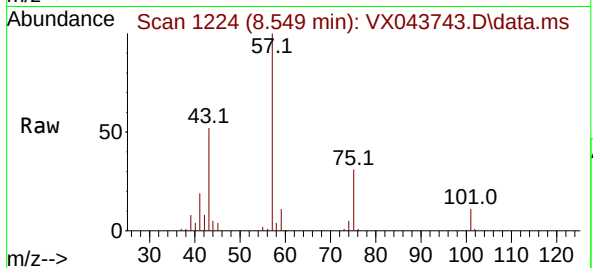




#54
cis-1,3-Dichloropropene
Concen: 9.036 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

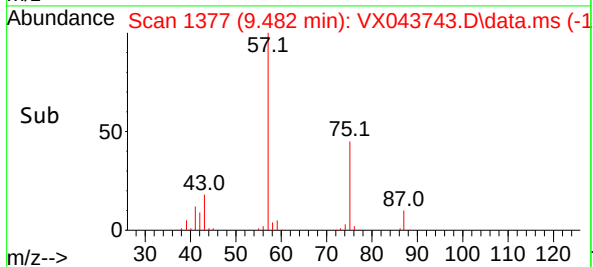
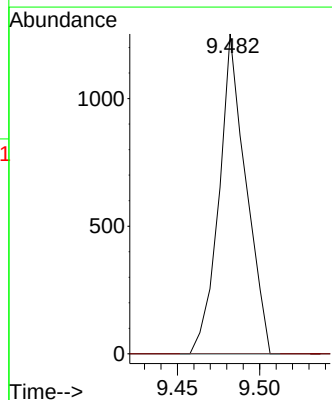
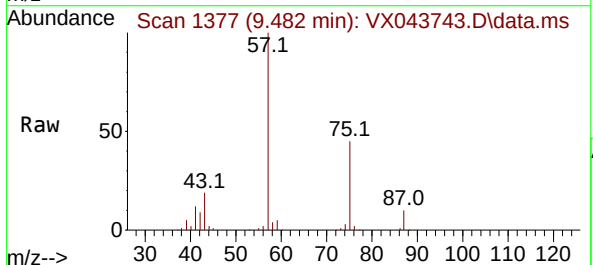
Instrument :
MSVOA_X
ClientSampleId :

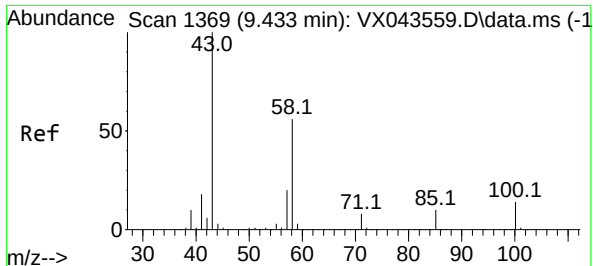
Tgt Ion: 75 Resp: 13858
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 27.0 37.7 56.5#



#57
1,3-Dichloropropane
Concen: 0.843 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

Tgt Ion: 76 Resp: 1426
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#





#59

2-Hexanone

Concen: 17.698 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX043743.D

Acq: 07 Nov 2024 17:49

Instrument :

MSVOA_X

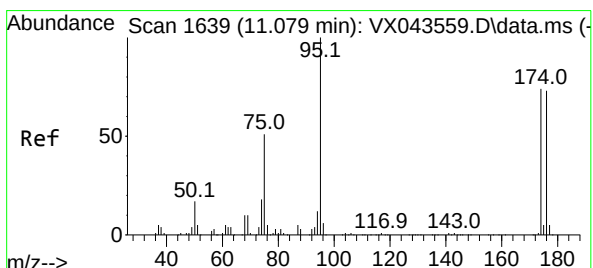
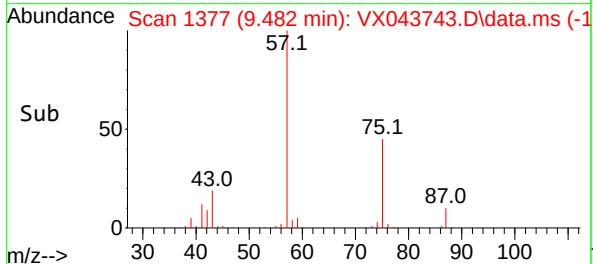
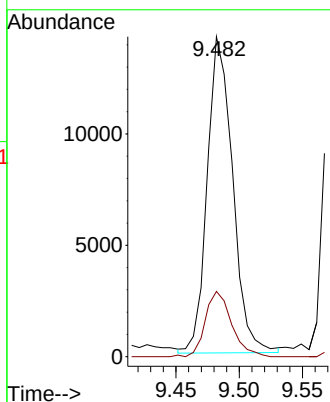
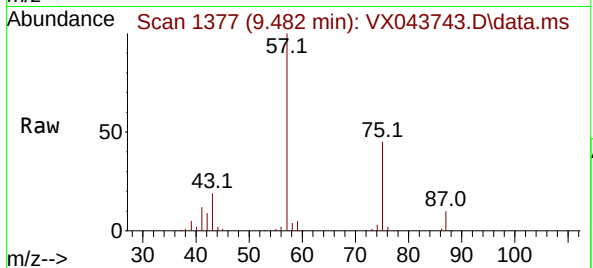
ClientSampleId :

Tgt Ion: 43 Resp: 19868

Ion Ratio Lower Upper

43 100

58 21.3 27.5 82.5#



#62

4-Bromofluorobenzene

Concen: 46.169 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043743.D

Acq: 07 Nov 2024 17:49

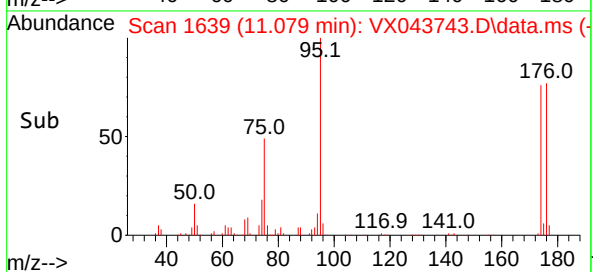
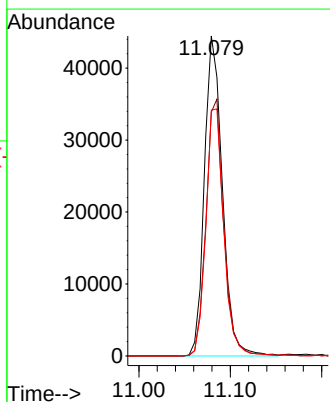
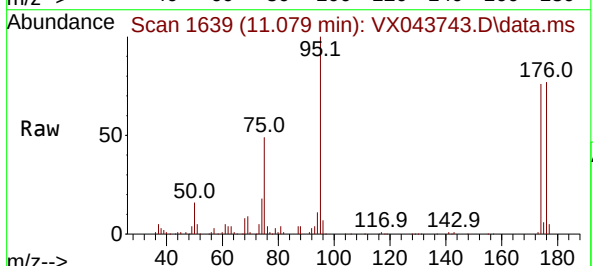
Tgt Ion: 95 Resp: 60326

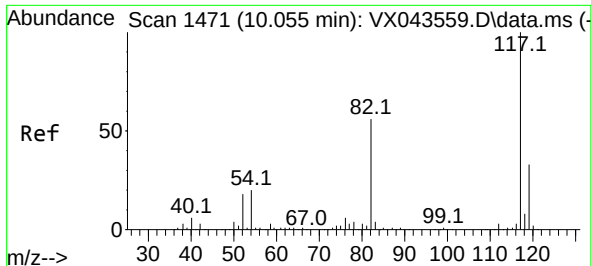
Ion Ratio Lower Upper

95 100

174 79.9 0.0 146.6

176 77.6 0.0 139.6

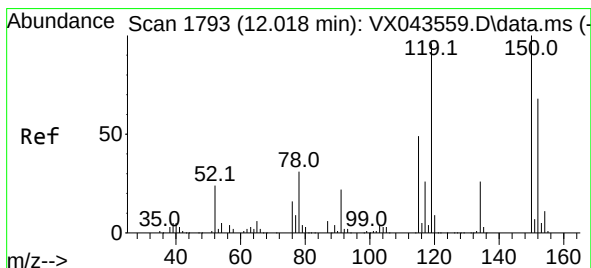
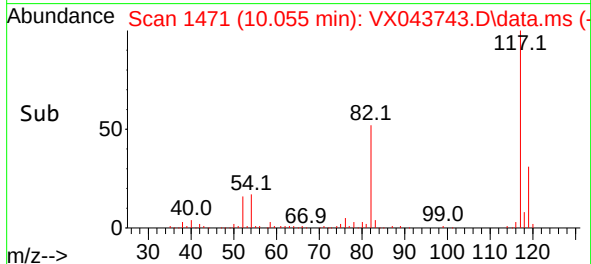
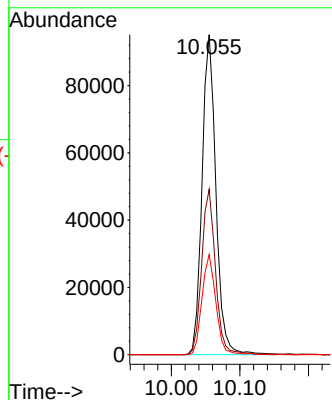
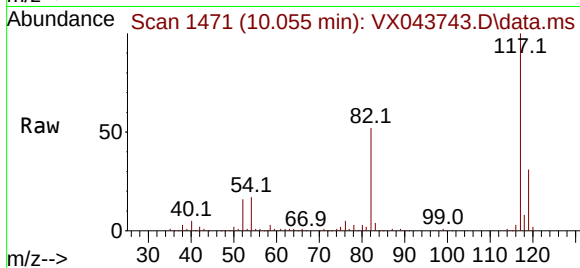




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

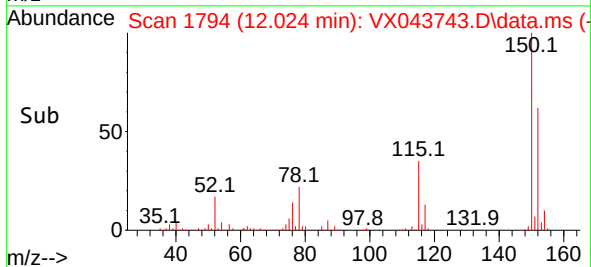
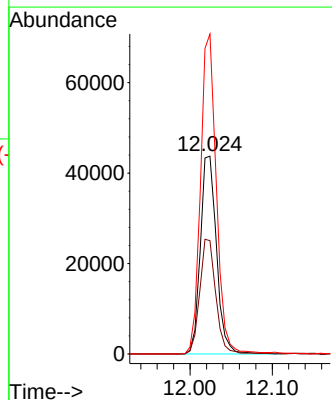
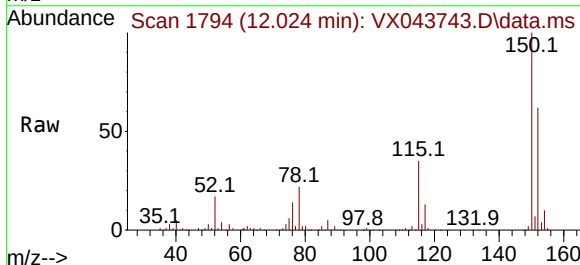
Instrument :
MSVOA_X
ClientSampleId :

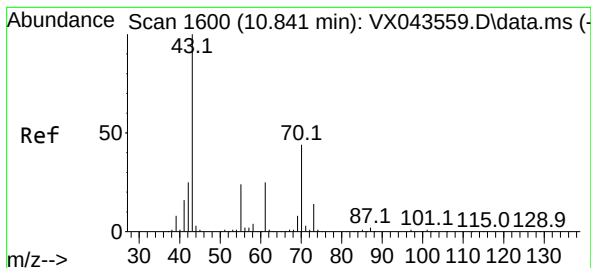
Tgt Ion:117 Resp: 134197
Ion Ratio Lower Upper
117 100
82 51.7 42.1 63.1
119 31.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

Tgt Ion:152 Resp: 59796
Ion Ratio Lower Upper
152 100
115 57.5 42.9 128.7
150 158.0 0.0 343.6





#74

N-amy1 acetate

Concen: 17.045 ug/l

RT: 10.768 min Scan# 1639

Delta R.T. -0.073 min

Lab File: VX043743.D

Acq: 07 Nov 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 35170

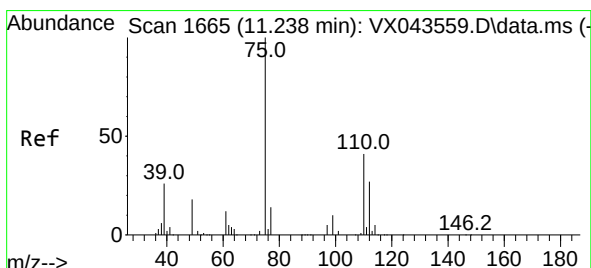
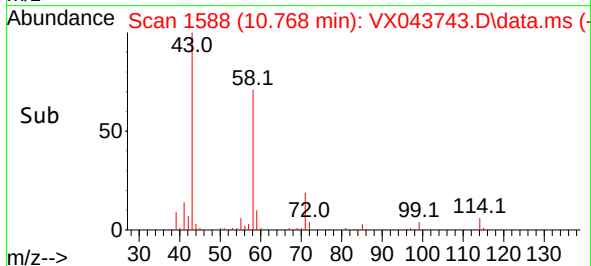
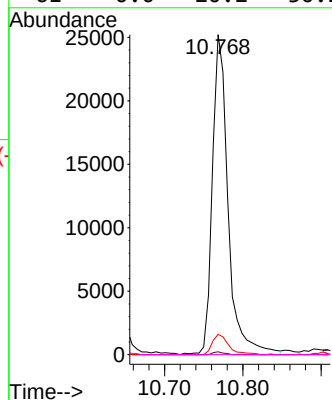
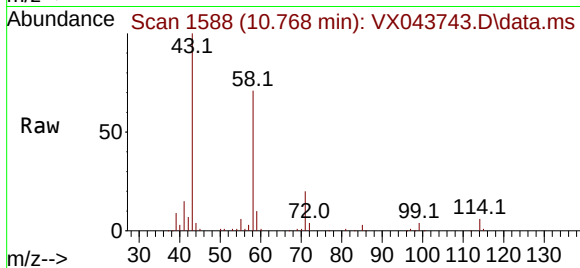
Ion Ratio Lower Upper

43 100

70 0.6 34.6 52.0#

55 6.7 19.6 29.4#

61 0.0 20.2 30.2#



#76

1,2,3-Trichloropropane

Concen: 22.627 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043743.D

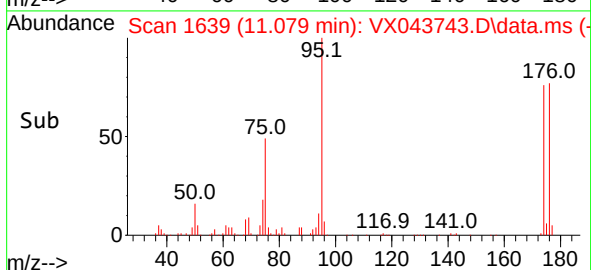
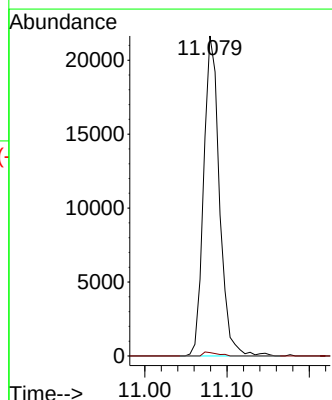
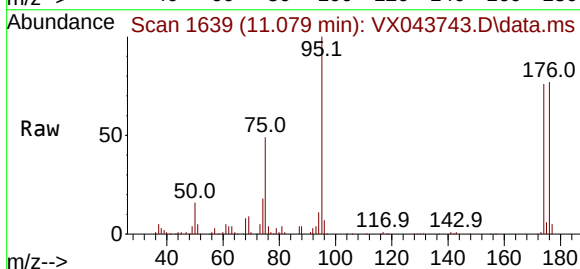
Acq: 07 Nov 2024 17:49

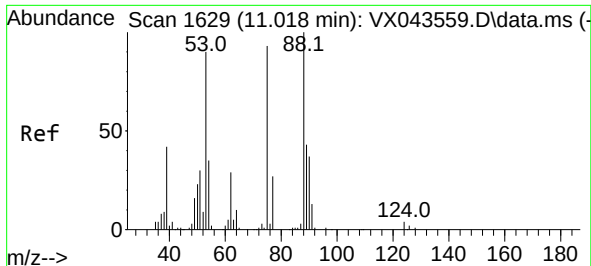
Tgt Ion: 75 Resp: 28929

Ion Ratio Lower Upper

75 100

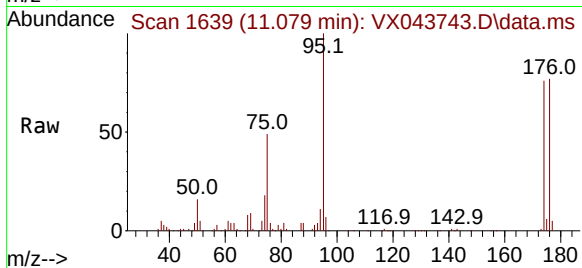
77 1.1 22.4 67.2#



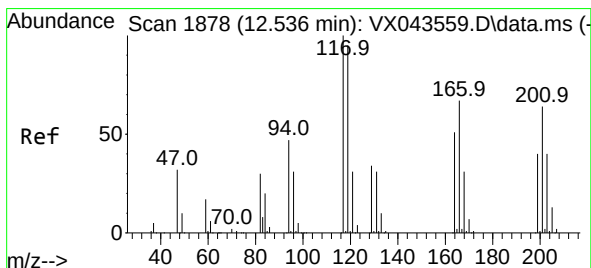
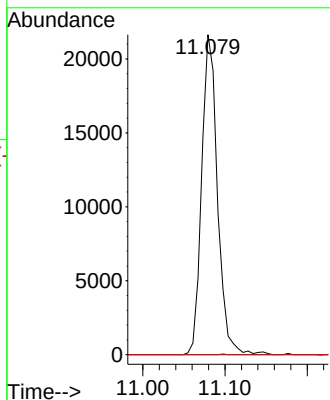
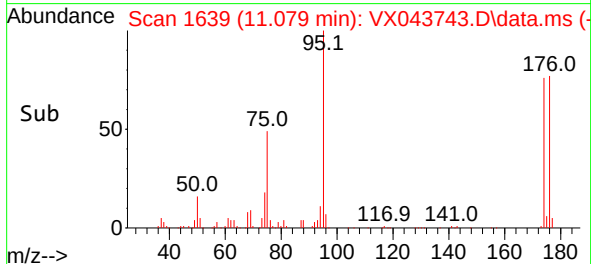


#81
trans-1,4-Dichloro-2-butene
Concen: 62.248 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

Instrument :
MSVOA_X
ClientSampleId :

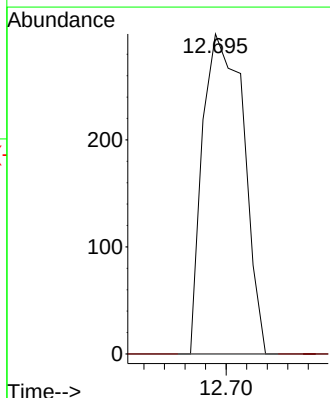
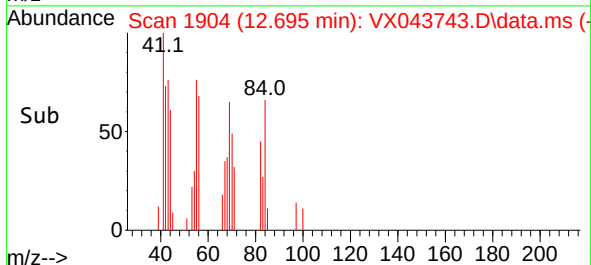
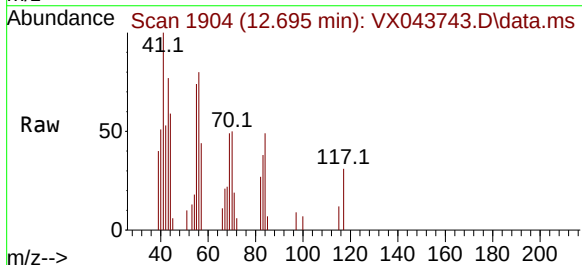


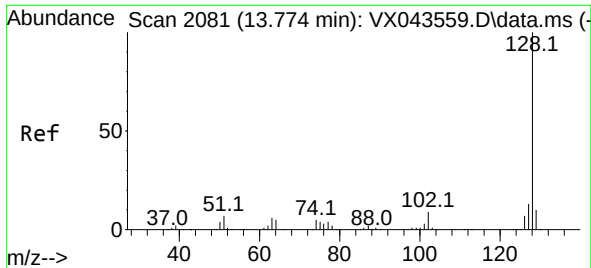
Tgt Ion: 75 Resp: 28929
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.1 38.6 58.0#



#90
Hexachloroethane
Concen: 0.710 ug/l
RT: 12.695 min Scan# 1904
Delta R.T. 0.159 min
Lab File: VX043743.D
Acq: 07 Nov 2024 17:49

Tgt Ion: 117 Resp: 413
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.7#





#95

Naphthalene

Concen: 5.049 ug/l

RT: 13.774 min Scan# 20

Delta R.T. 0.000 min

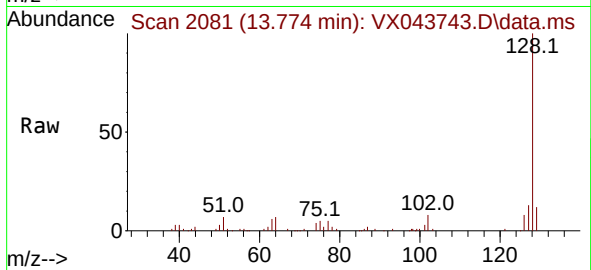
Lab File: VX043743.D

Acq: 07 Nov 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 23510

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.4

129 10.0 8.7 13.1

