

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110724\
 Data File : VX043735.D
 Acq On : 07 Nov 2024 14:43
 Operator : JC/MD
 Sample : P4720-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 08 04:08:16 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)

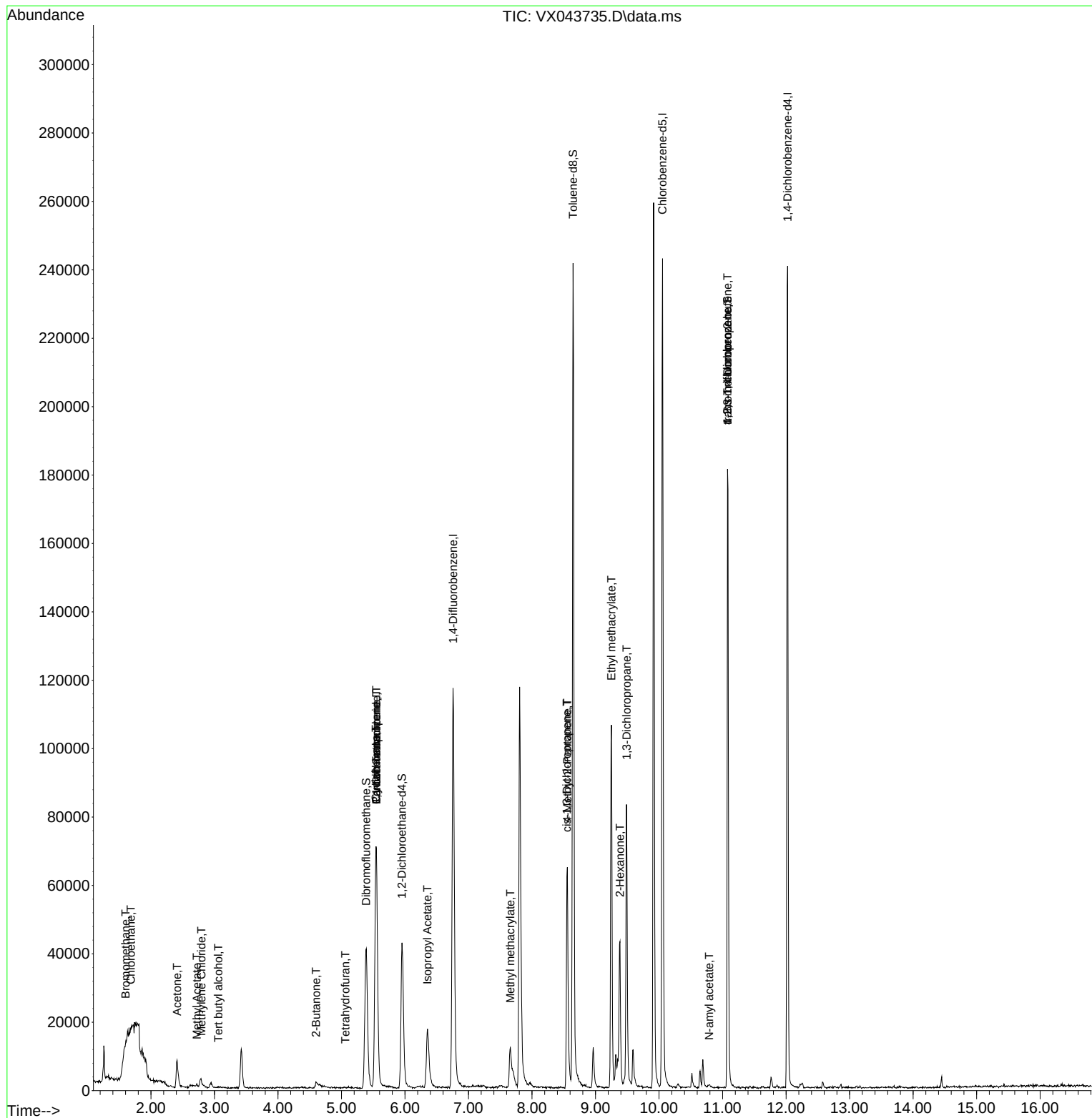
Internal Standards						
1) Pentafluorobenzene	5.550	168	74773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137189	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	41737	35.006	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	70.020%#
35) Dibromofluoromethane	5.385	113	38223	41.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	82.180%
50) Toluene-d8	8.647	98	157115	48.789	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.580%
62) 4-Bromofluorobenzene	11.079	95	53267	44.639	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.280%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	292	0.755	ug/l #	2
6) Chloroethane	1.685	64	299	0.895	ug/l #	86
11) Tert butyl alcohol	3.063	59	333	1.496	ug/l #	100
16) Acetone	2.410	43	11174	23.601	ug/l	92
18) Methyl Acetate	2.721	43	1621	1.171	ug/l #	90
20) Methylene Chloride	2.794	84	1914	1.876	ug/l #	72
25) 2-Butanone	4.599	43	1246	1.804	ug/l #	81
29) Tetrahydrofuran	5.062	42	193	0.430	ug/l #	32
31) Cyclohexane	5.544	56	1260	1.001	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	5390	4.886	ug/l #	47
38) Carbon Tetrachloride	5.550	117	7215	5.920	ug/l #	14
43) Isopropyl Acetate	6.355	43	27878	12.588	ug/l	97
48) Methyl methacrylate	7.659	41	979	0.932	ug/l #	28
51) 4-Methyl-2-Pentanone	8.555	43	25528	18.912	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	13631	9.732	ug/l #	57
56) Ethyl methacrylate	9.250	69	453	0.300	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	963	0.623	ug/l #	42
59) 2-Hexanone	9.385	43	34178	33.337	ug/l #	24
74) N-amyl acetate	10.787	43	867	0.448	ug/l #	42
76) 1,2,3-Trichloropropane	11.079	75	25874	21.581	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	25874	59.369	ug/l #	7

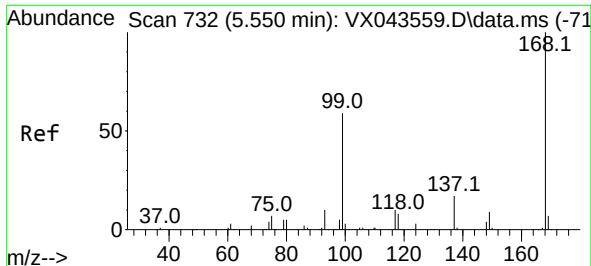
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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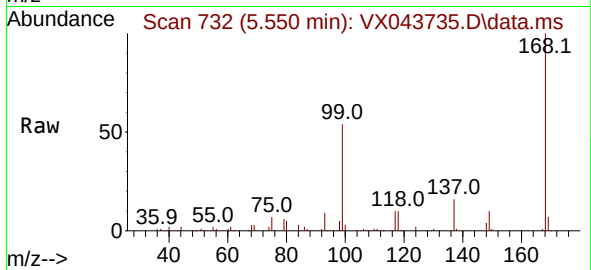
Quant Time: Nov 08 04:08:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
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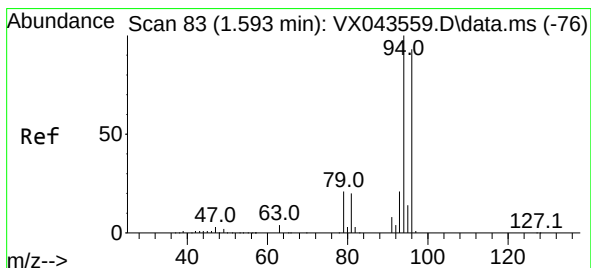
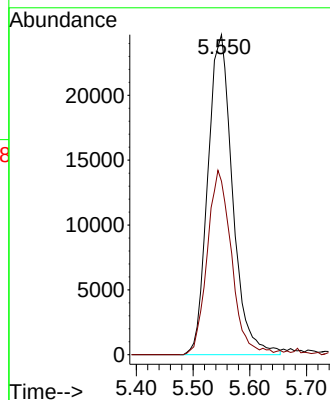
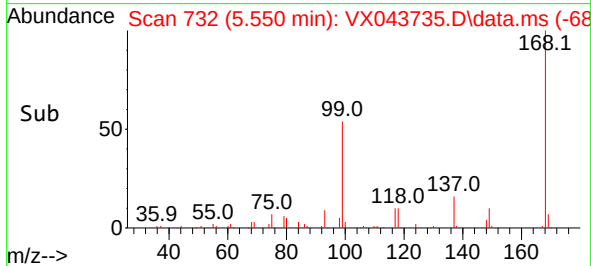


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043735.D
Acq: 07 Nov 2024 14:43

Instrument :
MSVOA_X
ClientSampleId :

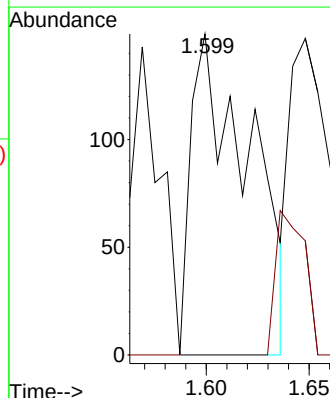
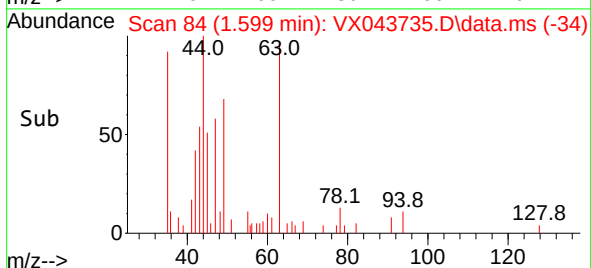
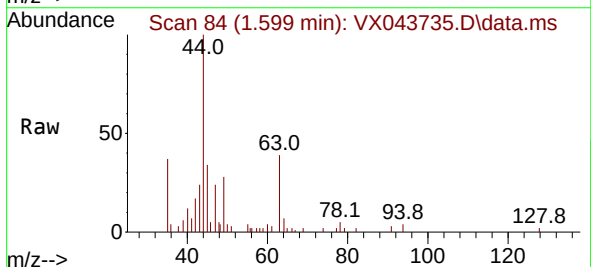


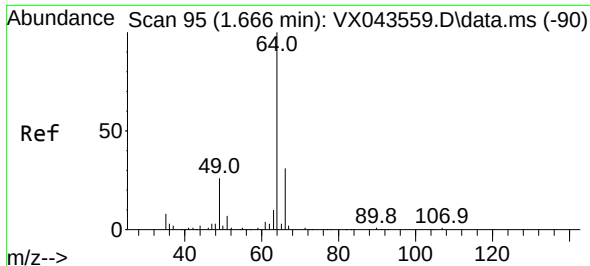
Tgt Ion:168 Resp: 74773
Ion Ratio Lower Upper
168 100
99 54.2 52.6 78.8



#5
Bromomethane
Concen: 0.755 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043735.D
Acq: 07 Nov 2024 14:43

Tgt Ion: 94 Resp: 292
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#

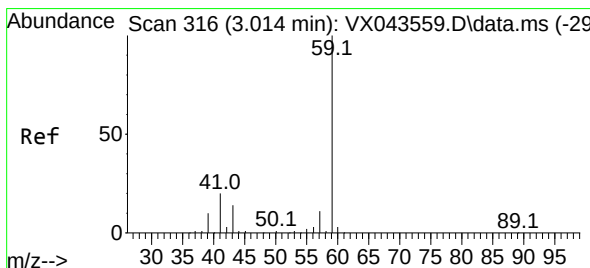
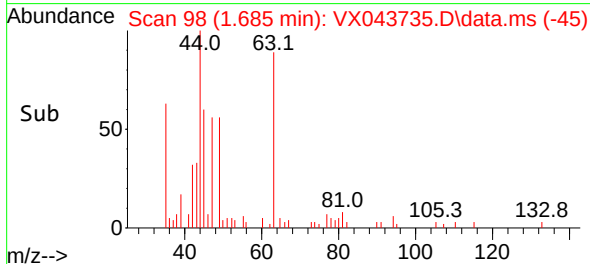
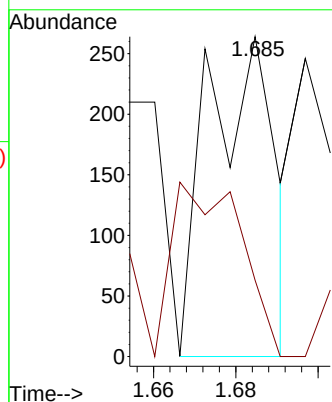
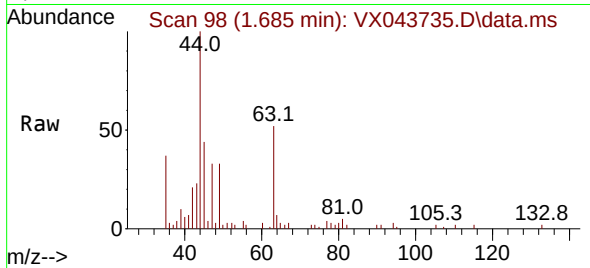




#6
Chloroethane
Concen: 0.895 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.025 min
Lab File: VX043735.D
Acq: 07 Nov 2024 14:43

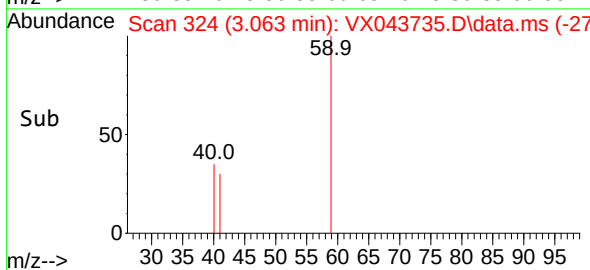
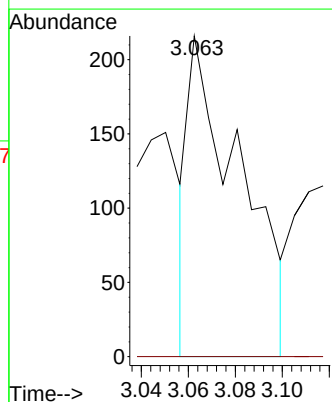
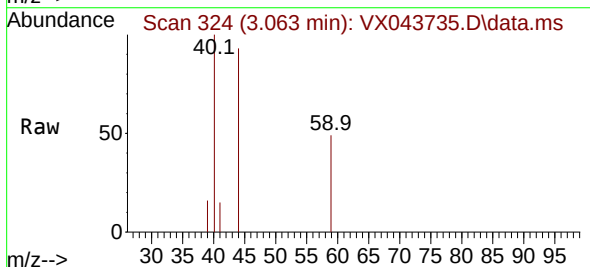
Instrument :
MSVOA_X
ClientSampleId :

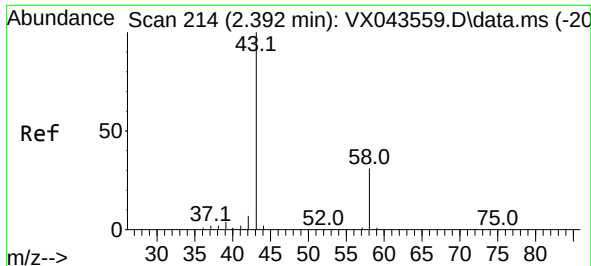
Tgt Ion: 64 Resp: 299
Ion Ratio Lower Upper
64 100
66 23.9 25.1 37.7#



#11
Tert butyl alcohol
Concen: 1.496 ug/l
RT: 3.063 min Scan# 324
Delta R.T. 0.013 min
Lab File: VX043735.D
Acq: 07 Nov 2024 14:43

Tgt Ion: 59 Resp: 333
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

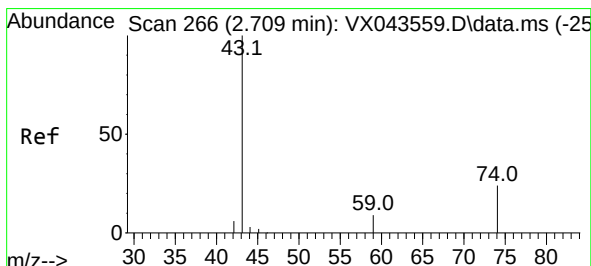
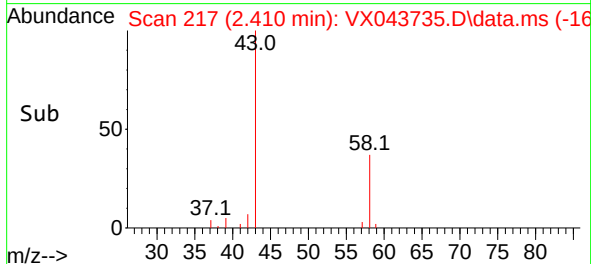
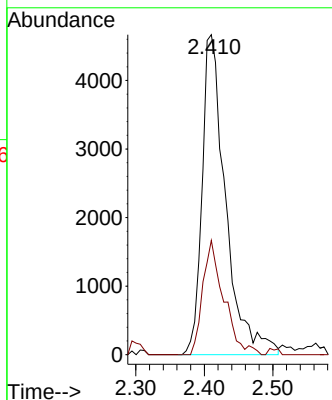
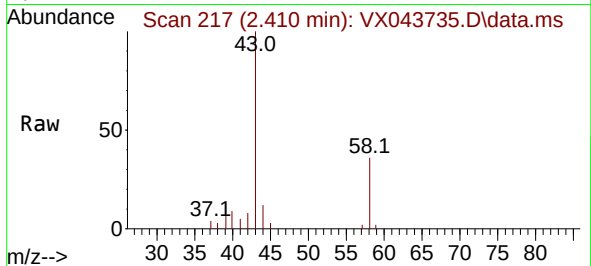




#16
Acetone
Concen: 23.601 ug/l
RT: 2.410 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX043735.D
Acq: 07 Nov 2024 14:43

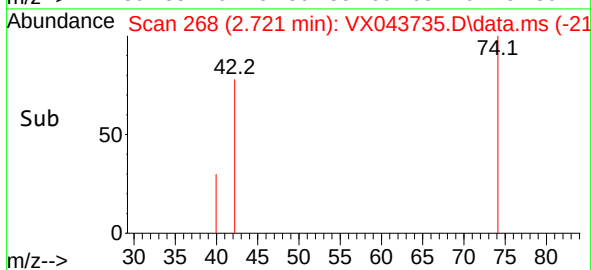
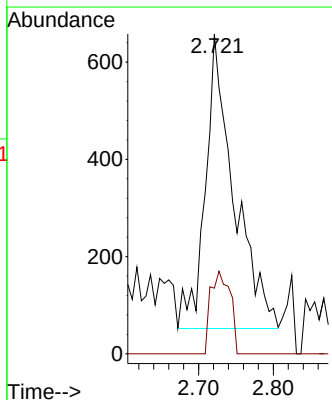
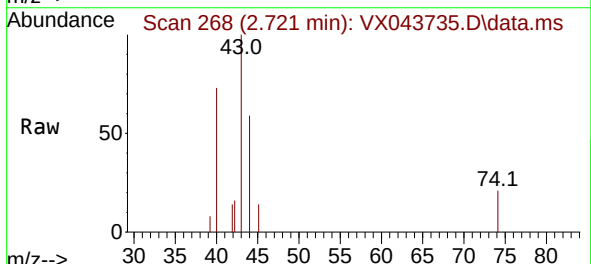
Instrument :
MSVOA_X
ClientSampleId :

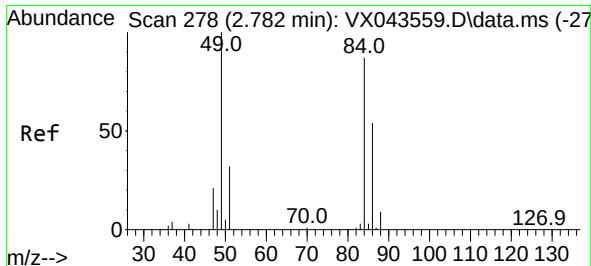
Tgt Ion: 43 Resp: 11174
Ion Ratio Lower Upper
43 100
58 35.7 25.1 37.7



#18
Methyl Acetate
Concen: 1.171 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX043735.D
Acq: 07 Nov 2024 14:43

Tgt Ion: 43 Resp: 1621
Ion Ratio Lower Upper
43 100
74 18.9 19.1 28.7#

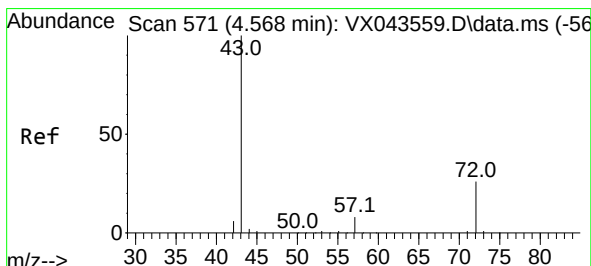
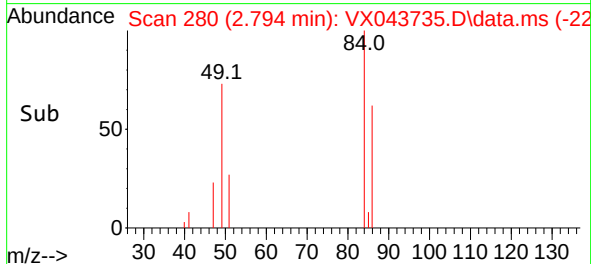
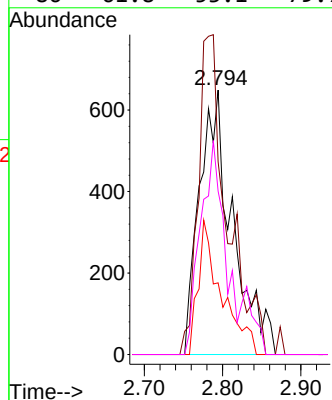
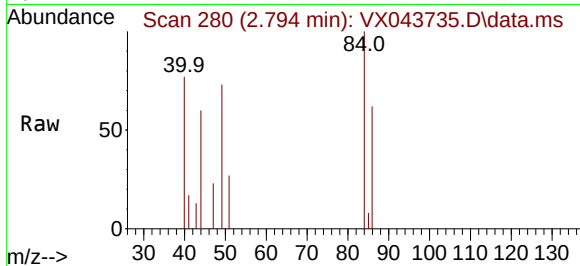




#20
Methylene Chloride
Concen: 1.876 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX043735.D
Acq: 07 Nov 2024 14:43

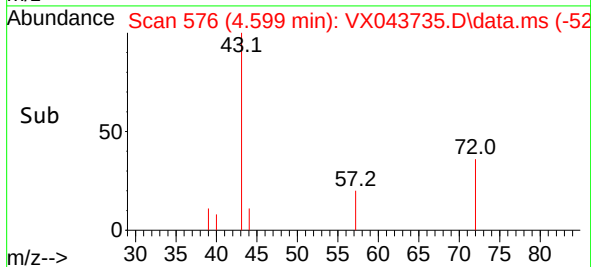
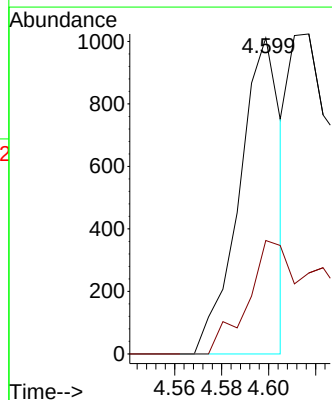
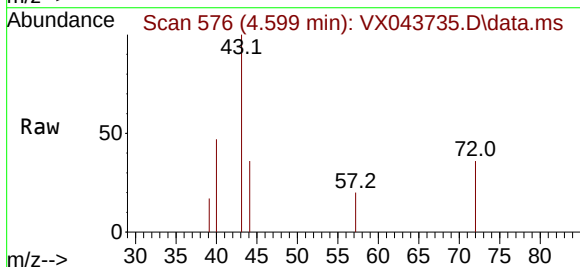
Instrument :
MSVOA_X
ClientSampleId :

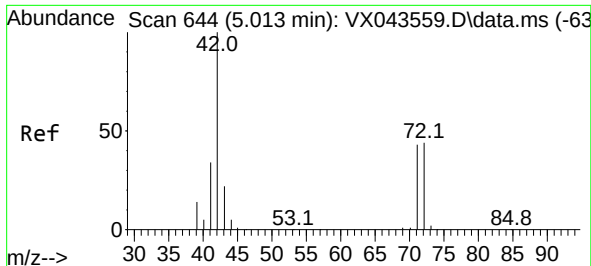
Tgt Ion: 84	Resp: 1914
Ion Ratio	Lower Upper
84 100	
49 72.9	97.0 145.6#
51 27.1	29.8 44.8#
86 61.8	53.1 79.7



#25
2-Butanone
Concen: 1.804 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.031 min
Lab File: VX043735.D
Acq: 07 Nov 2024 14:43

Tgt Ion: 43	Resp: 1246		
Ion Ratio	Lower	Upper	
43 100			
72 35.9	21.1	31.7#	





#29

Tetrahydrofuran

Concen: 0.430 ug/l

RT: 5.062 min Scan# 61

Delta R.T. 0.049 min

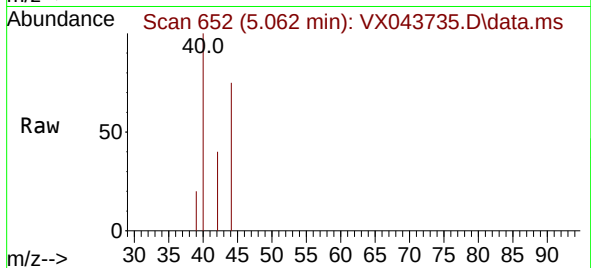
Lab File: VX043735.D

Acq: 07 Nov 2024 14:43

Instrument :

MSVOA_X

ClientSampleId :



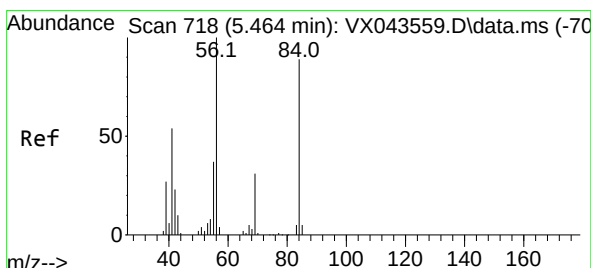
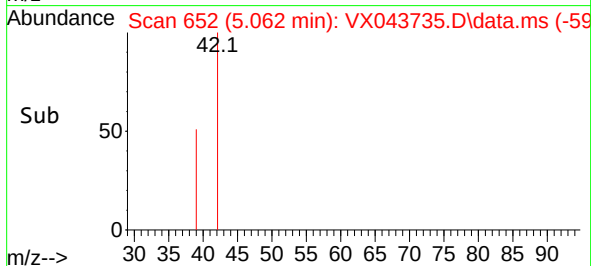
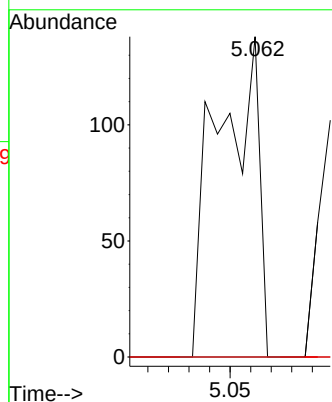
Tgt Ion: 42 Resp: 193

Ion Ratio Lower Upper

42 100

72 0.0 36.6 55.0#

71 0.0 34.2 51.4#



#31

Cyclohexane

Concen: 1.001 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.086 min

Lab File: VX043735.D

Acq: 07 Nov 2024 14:43

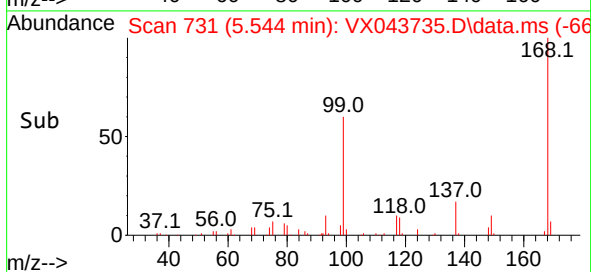
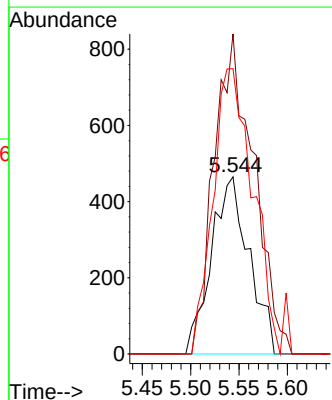
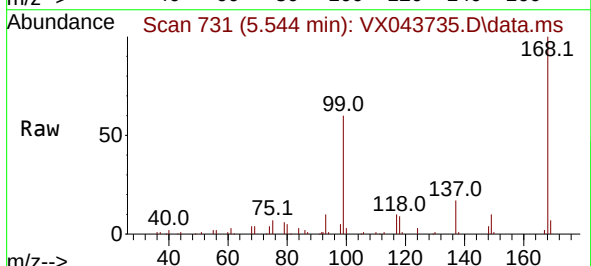
Tgt Ion: 56 Resp: 1260

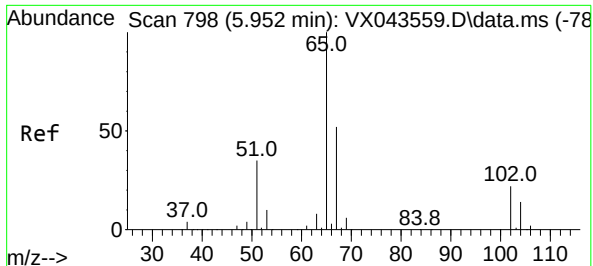
Ion Ratio Lower Upper

56 100

69 180.6 24.9 37.3#

84 161.1 73.3 109.9#





#33

1,2-Dichloroethane-d4

Concen: 35.006 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043735.D

Acq: 07 Nov 2024 14:43

Instrument :

MSVOA_X

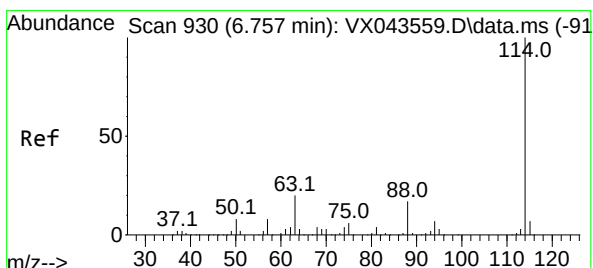
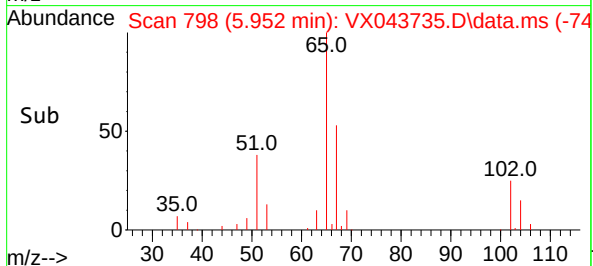
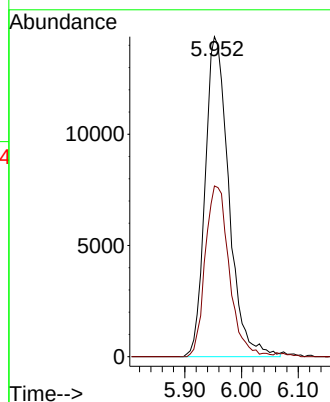
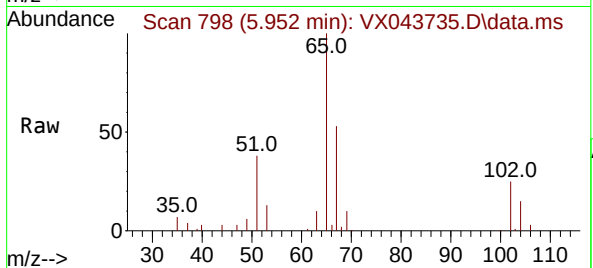
ClientSampleId :

Tgt Ion: 65 Resp: 41737

Ion Ratio Lower Upper

65 100

67 54.1 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: VX043735.D

Acq: 07 Nov 2024 14:43

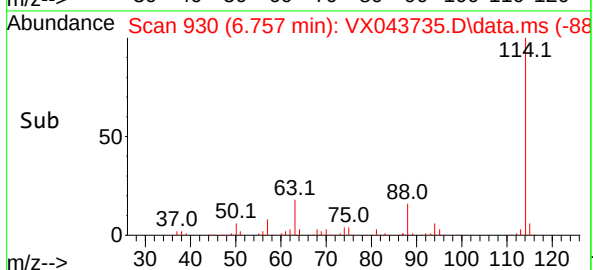
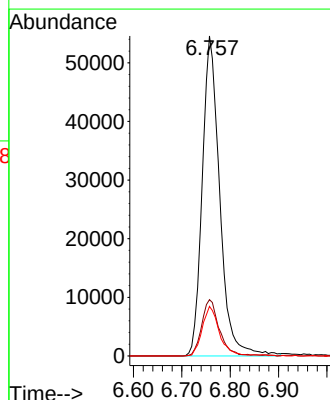
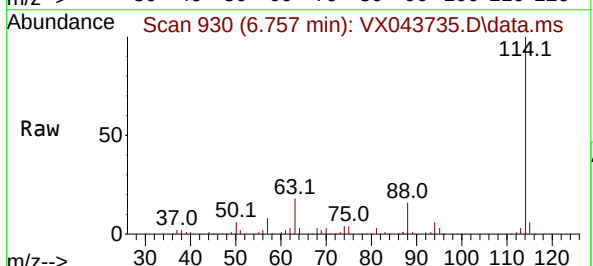
Tgt Ion: 114 Resp: 137189

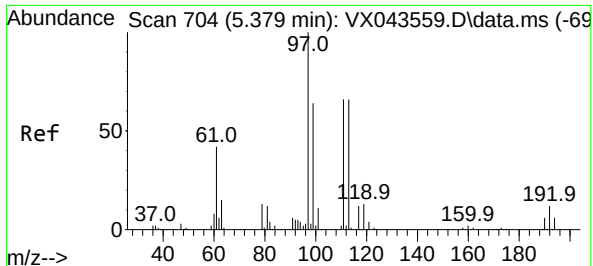
Ion Ratio Lower Upper

114 100

63 17.6 0.0 41.2

88 15.5 0.0 34.0





#35

Dibromofluoromethane

Concen: 41.088 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.000 min

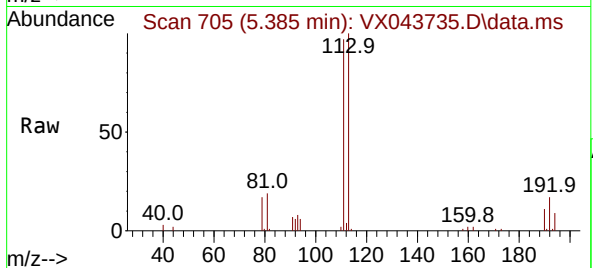
Lab File: VX043735.D

Acq: 07 Nov 2024 14:43

Instrument :

MSVOA_X

ClientSampleId :



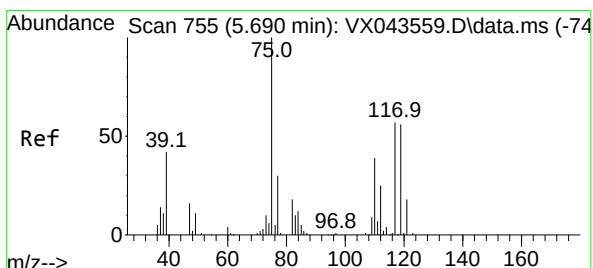
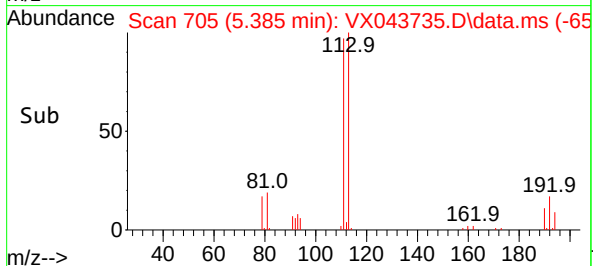
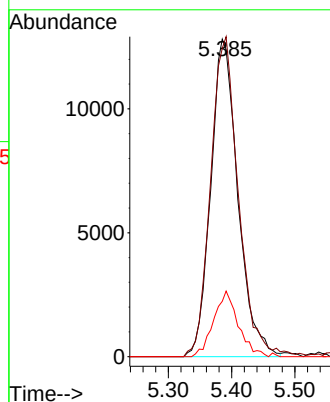
Tgt Ion:113 Resp: 38223

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 18.7 14.1 21.1



#36

1,1-Dichloropropene

Concen: 4.886 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX043735.D

Acq: 07 Nov 2024 14:43

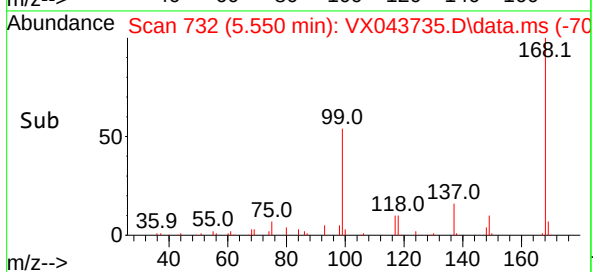
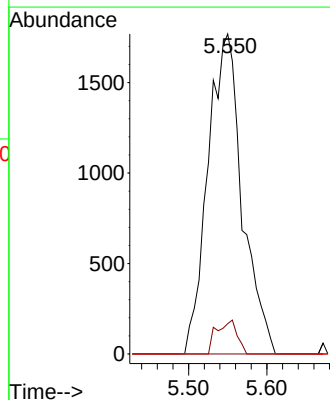
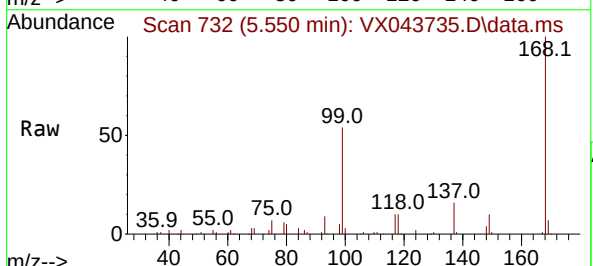
Tgt Ion: 75 Resp: 5390

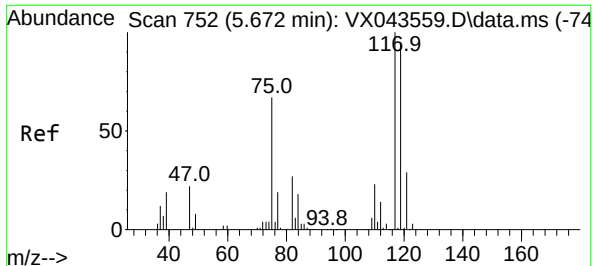
Ion Ratio Lower Upper

75 100

110 6.3 17.9 53.7#

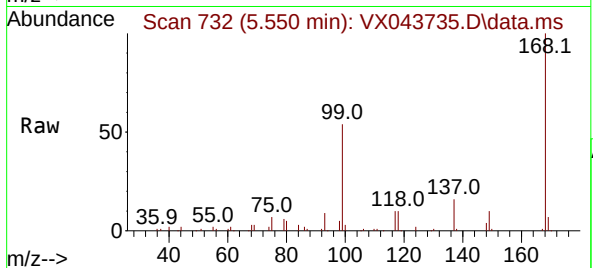
77 0.0 25.0 37.4#



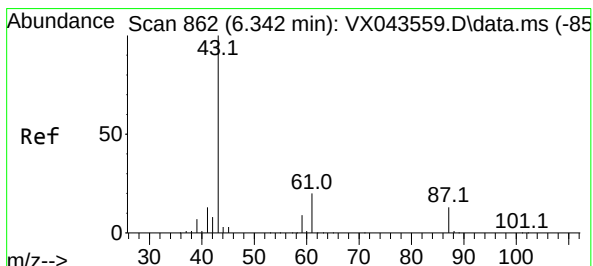
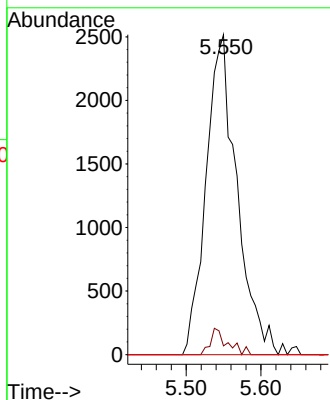
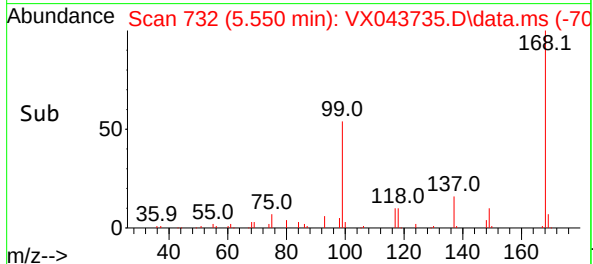


#38
Carbon Tetrachloride
Concen: 5.920 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043735.D
Acq: 07 Nov 2024 14:43

Instrument :
MSVOA_X
ClientSampleId :

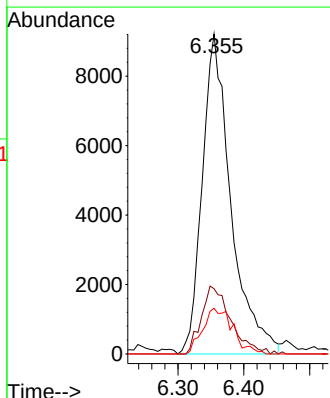
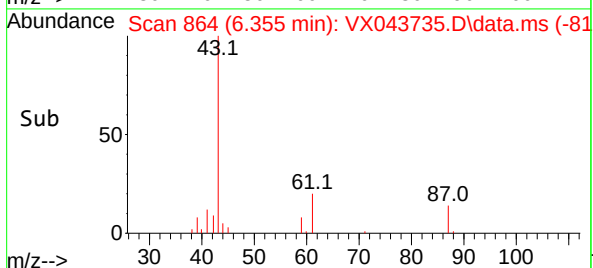
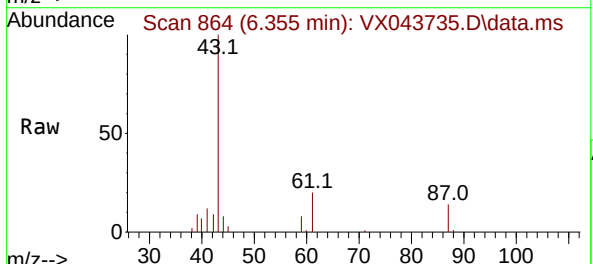


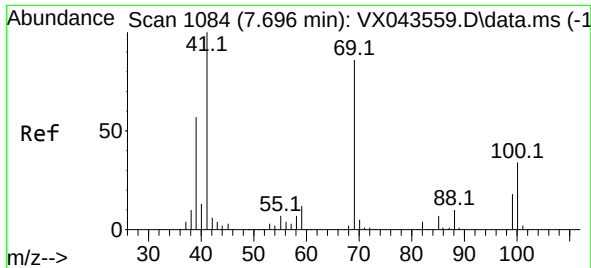
Tgt Ion:117 Resp: 7215
Ion Ratio Lower Upper
117 100
119 2.7 77.0 115.6#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 12.588 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX043735.D
Acq: 07 Nov 2024 14:43

Tgt Ion: 43 Resp: 27878
Ion Ratio Lower Upper
43 100
61 21.9 16.2 24.4
87 15.0 11.0 16.6

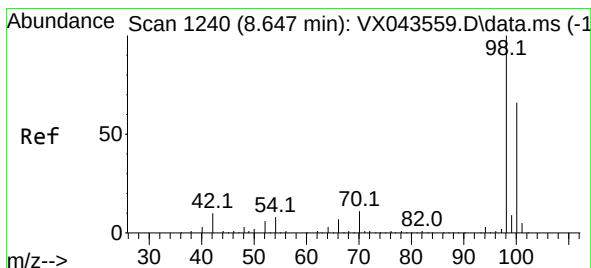
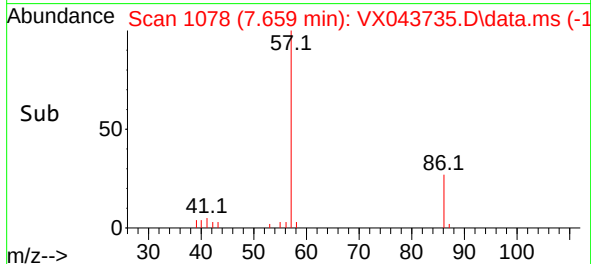
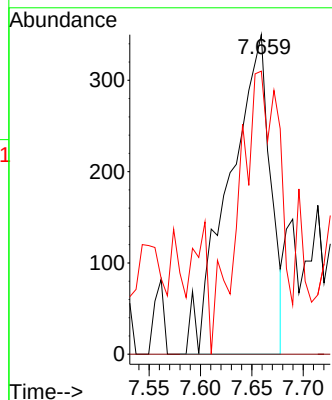
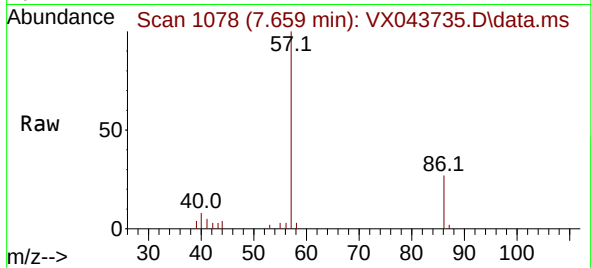




#48
Methyl methacrylate
Concen: 0.932 ug/l
RT: 7.659 min Scan# 1084
Delta R.T. -0.036 min
Lab File: VX043735.D
Acq: 07 Nov 2024 14:43

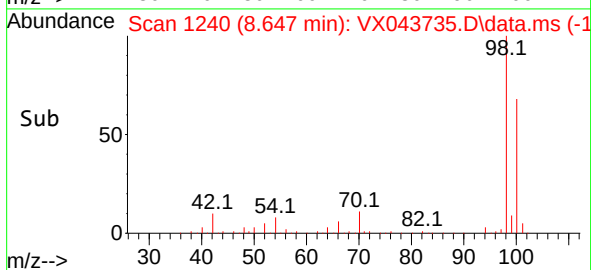
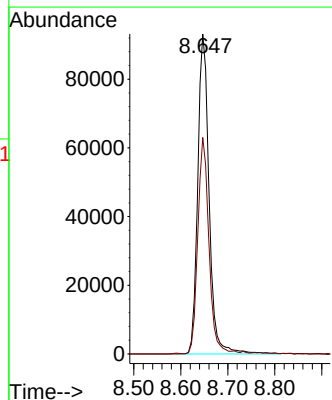
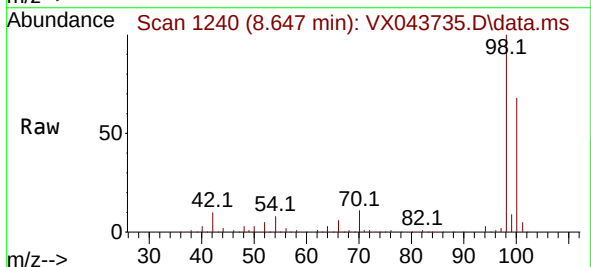
Instrument :
MSVOA_X
ClientSampleId :

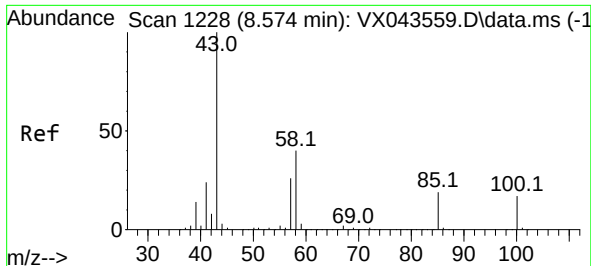
Tgt Ion: 41 Resp: 979
Ion Ratio Lower Upper
41 100
69 0.0 67.7 101.5#
39 88.2 46.3 69.5#



#50
Toluene-d8
Concen: 48.789 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043735.D
Acq: 07 Nov 2024 14:43

Tgt Ion: 98 Resp: 157115
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.2

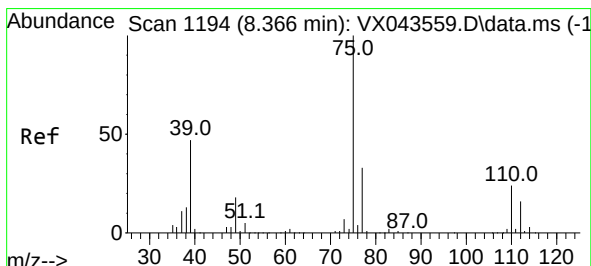
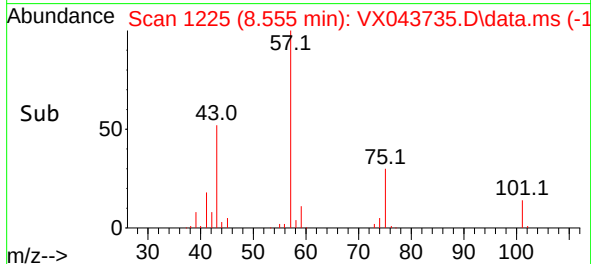
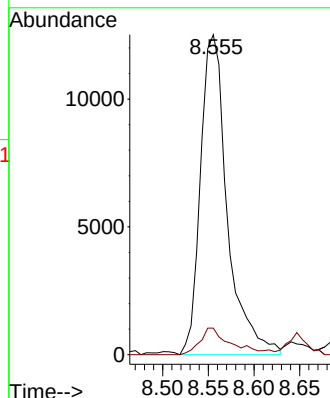
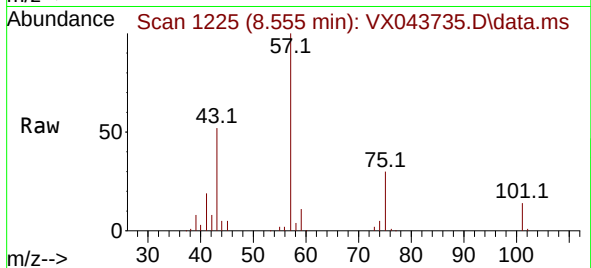




#51
4-Methyl-2-Pentanone
Concen: 18.912 ug/l
RT: 8.555 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX043735.D
Acq: 07 Nov 2024 14:43

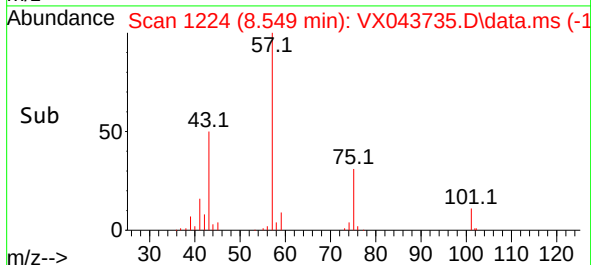
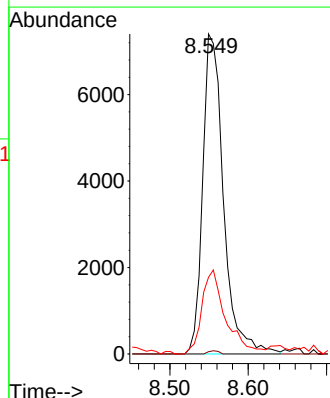
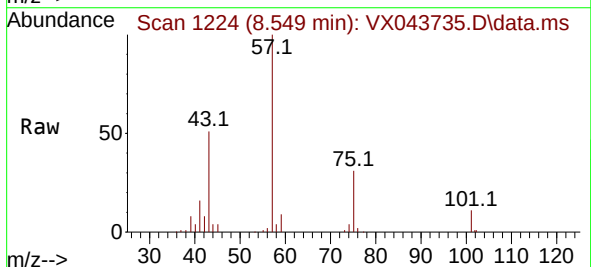
Instrument :
MSVOA_X
ClientSampleId :

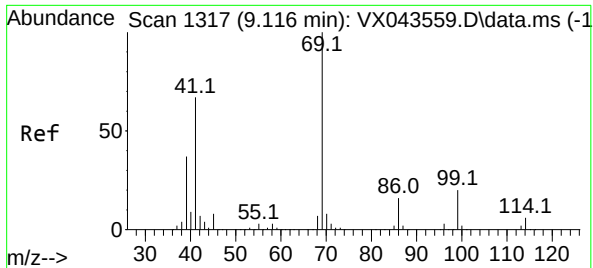
Tgt Ion: 43 Resp: 25528
Ion Ratio Lower Upper
43 100
58 9.3 31.7 47.5#



#54
cis-1,3-Dichloropropene
Concen: 9.732 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX043735.D
Acq: 07 Nov 2024 14:43

Tgt Ion: 75 Resp: 13631
Ion Ratio Lower Upper
75 100
77 0.7 24.8 37.2#
39 24.0 37.7 56.5#

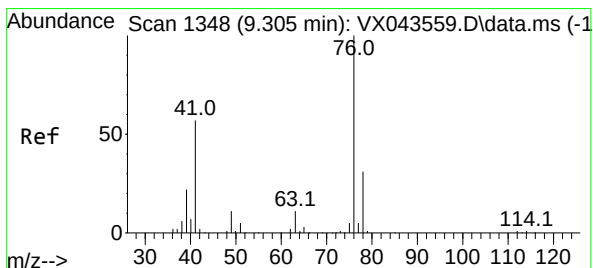
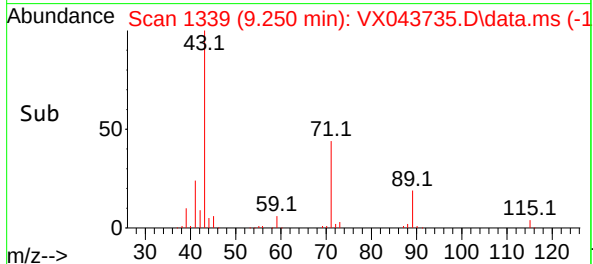
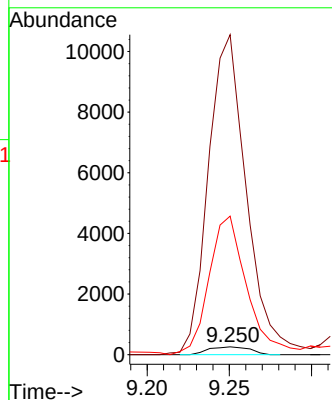
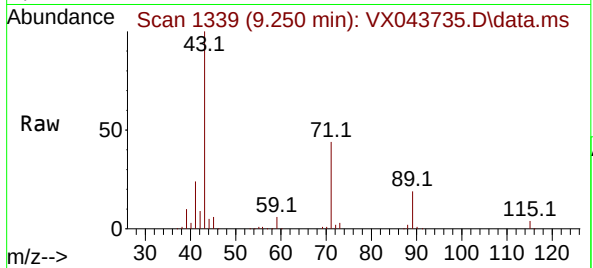




#56
Ethyl methacrylate
Concen: 0.300 ug/l
RT: 9.250 min Scan# 11
Delta R.T. 0.134 min
Lab File: VX043735.D
Acq: 07 Nov 2024 14:43

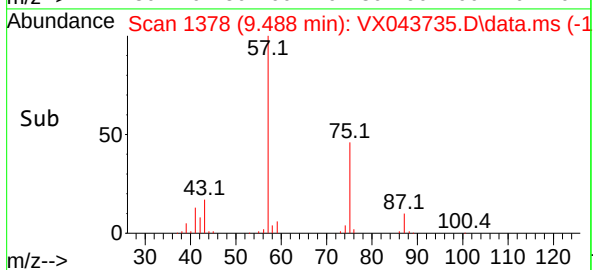
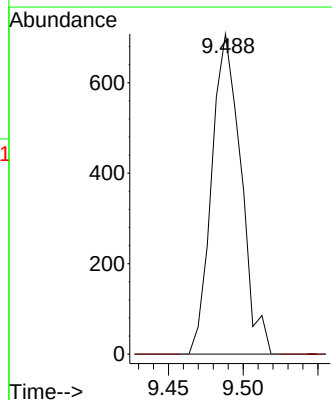
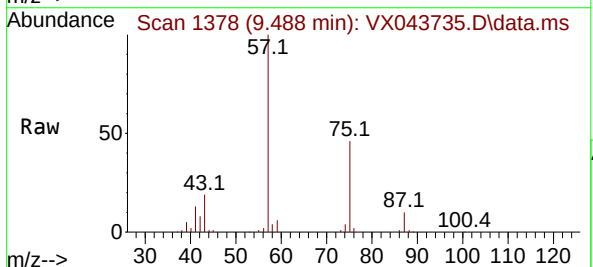
Instrument :
MSVOA_X
ClientSampleId :

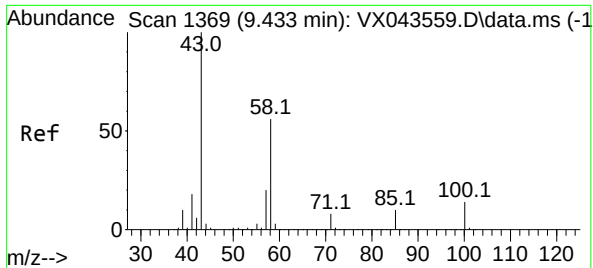
Tgt Ion: 69 Resp: 453
Ion Ratio Lower Upper
69 100
41 3779.0 53.8 80.8#
39 1615.5 29.9 44.9#



#57
1,3-Dichloropropane
Concen: 0.623 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.183 min
Lab File: VX043735.D
Acq: 07 Nov 2024 14:43

Tgt Ion: 76 Resp: 963
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#





#59

2-Hexanone

Concen: 33.337 ug/l

RT: 9.385 min Scan# 1361

Delta R.T. -0.049 min

Lab File: VX043735.D

Acq: 07 Nov 2024 14:43

Instrument :

MSVOA_X

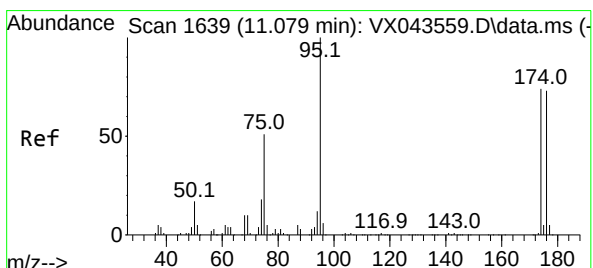
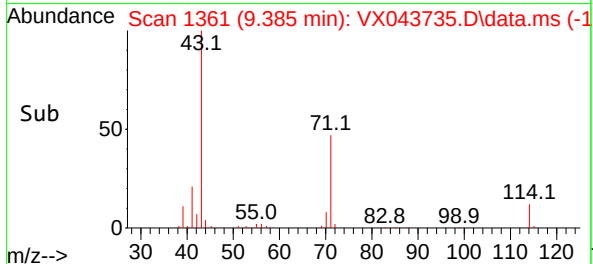
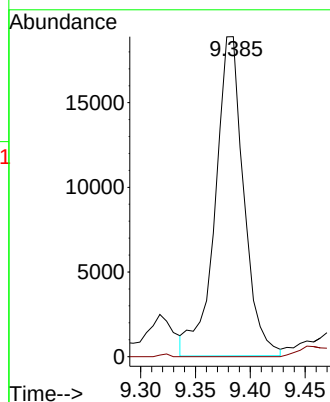
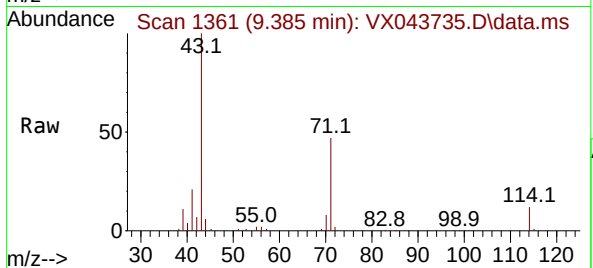
ClientSampleId :

Tgt Ion: 43 Resp: 34178

Ion Ratio Lower Upper

43 100

58 0.0 27.5 82.5#



#62

4-Bromofluorobenzene

Concen: 44.639 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043735.D

Acq: 07 Nov 2024 14:43

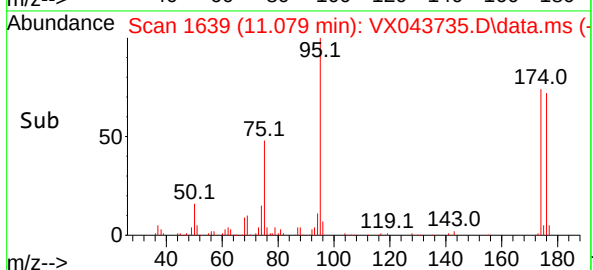
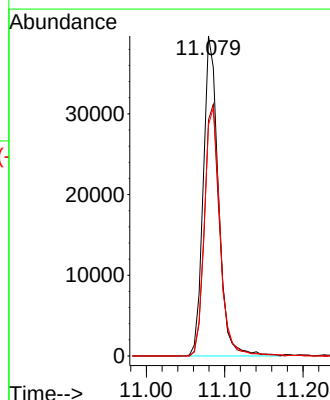
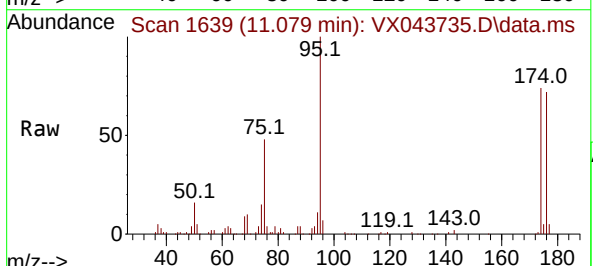
Tgt Ion: 95 Resp: 53267

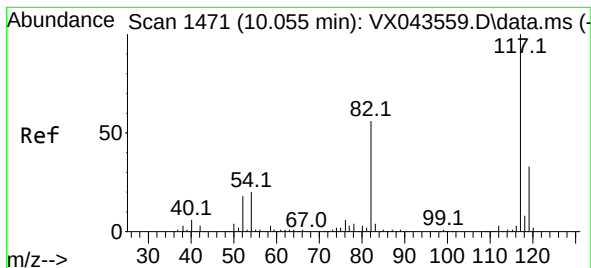
Ion Ratio Lower Upper

95 100

174 79.3 0.0 146.6

176 80.5 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: VX043735.D

Acq: 07 Nov 2024 14:43

Instrument :

MSVOA_X

ClientSampleId :

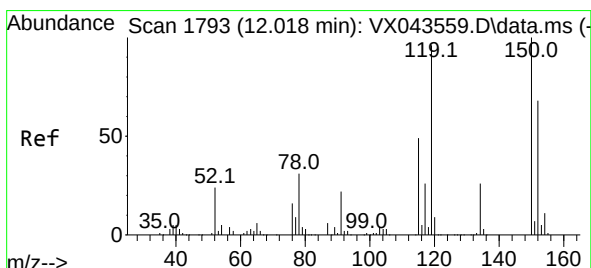
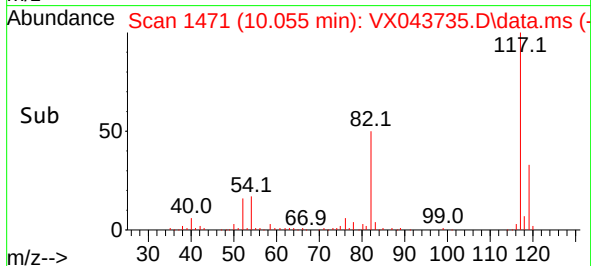
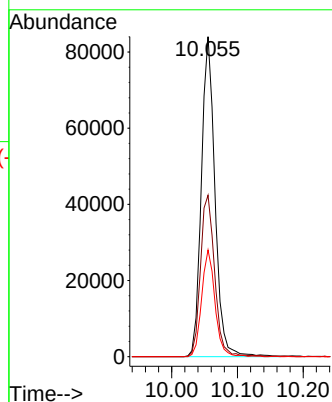
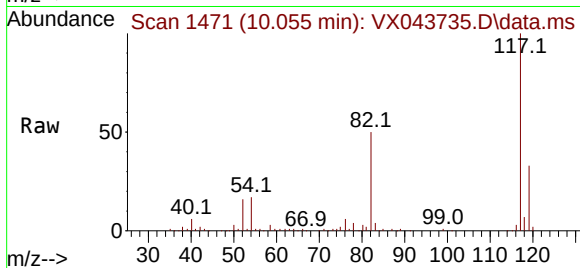
Tgt Ion:117 Resp: 121051

Ion Ratio Lower Upper

117 100

82 50.4 42.1 63.1

119 33.3 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: VX043735.D

Acq: 07 Nov 2024 14:43

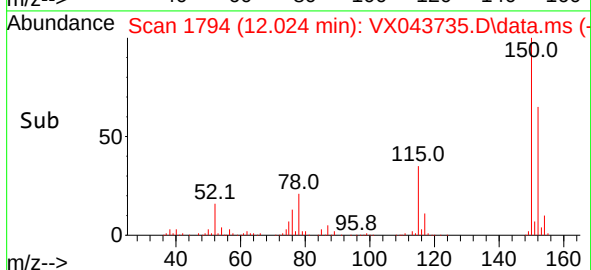
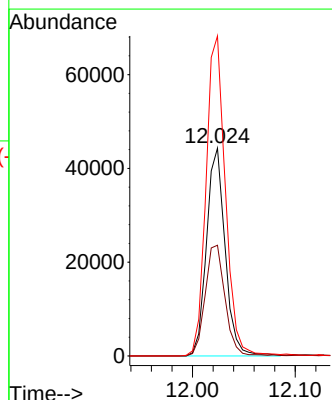
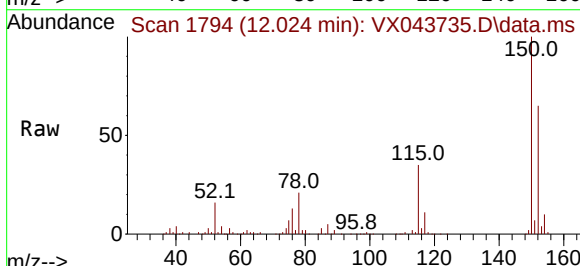
Tgt Ion:152 Resp: 56074

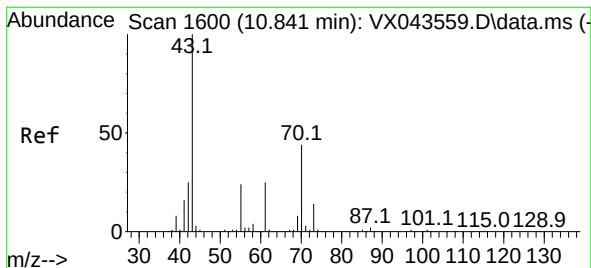
Ion Ratio Lower Upper

152 100

115 57.0 42.9 128.7

150 160.0 0.0 343.6





#74

N-amy1 acetate

Concen: 0.448 ug/l

RT: 10.787 min Scan# 1

Delta R.T. -0.055 min

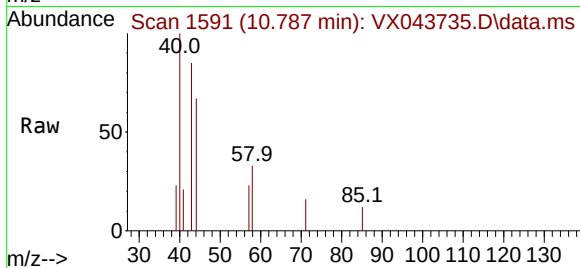
Lab File: VX043735.D

Acq: 07 Nov 2024 14:43

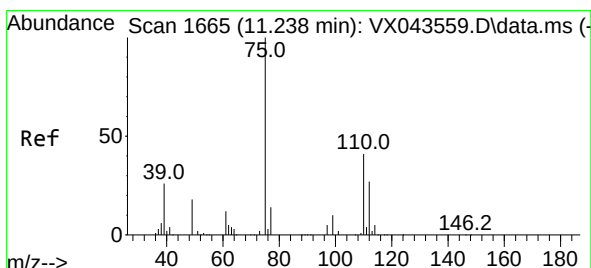
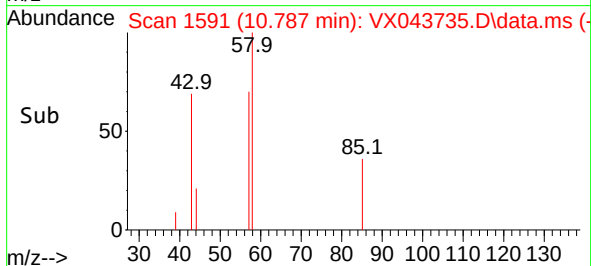
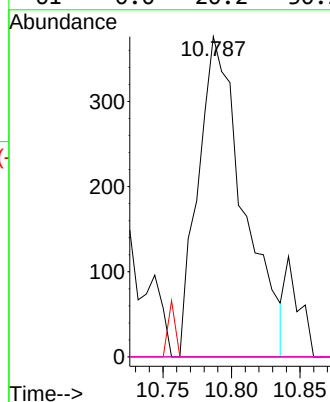
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	867
Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.6	52.0#
55	0.0	19.6	29.4#
61	0.0	20.2	30.2#



#76

1,2,3-Trichloropropane

Concen: 21.581 ug/l

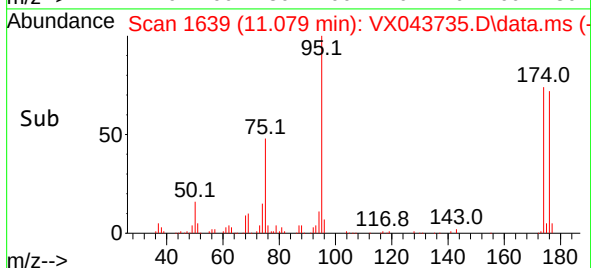
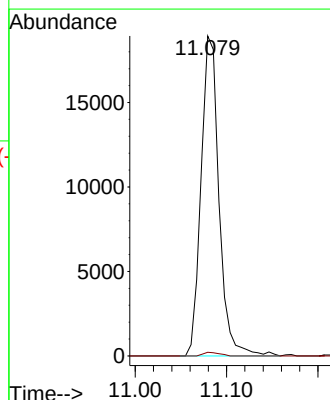
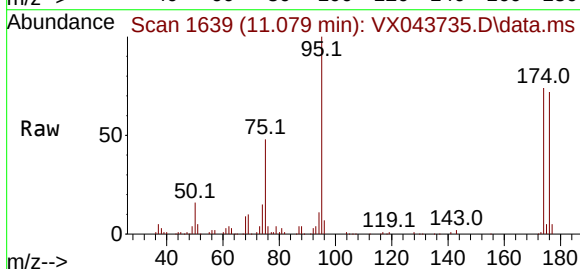
RT: 11.079 min Scan# 1639

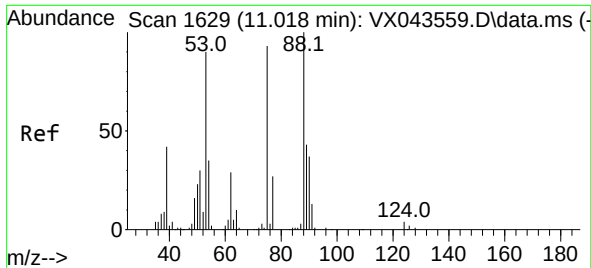
Delta R.T. -0.158 min

Lab File: VX043735.D

Acq: 07 Nov 2024 14:43

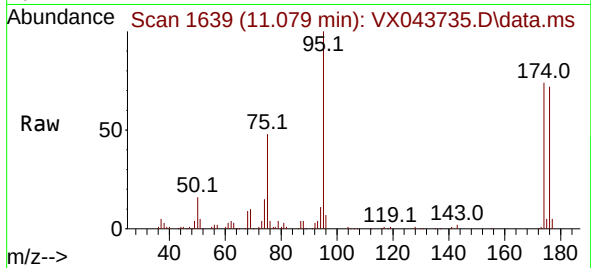
Tgt Ion:	75	Resp:	25874
Ion	Ratio	Lower	Upper
75	100		
77	1.0	22.4	67.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.369 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043735.D
 Acq: 07 Nov 2024 14:43

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 25874
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.6 126.8#
 89 0.2 38.6 58.0#

