

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110724\
 Data File : VX043742.D
 Acq On : 07 Nov 2024 17:25
 Operator : JC/MD
 Sample : P4732-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 08 04:11:36 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

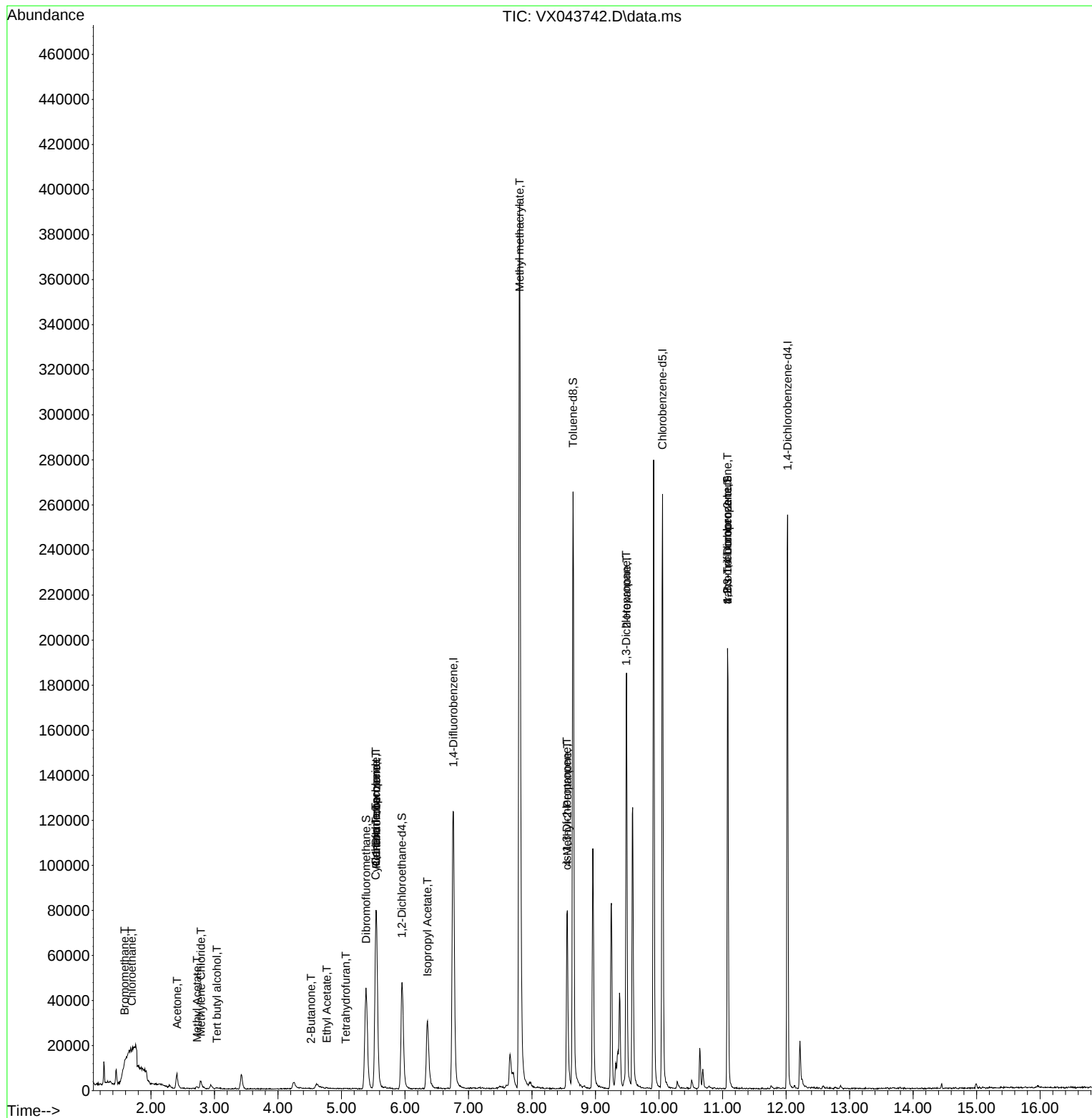
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	81390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	147031	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	47091	36.286	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	72.580%#
35) Dibromofluoromethane	5.385	113	41568	41.693	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.380%
50) Toluene-d8	8.647	98	170800	49.489	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.980%
62) 4-Bromofluorobenzene	11.079	95	57345	44.840	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.680%
Target Compounds						
					Qvalue	
5) Bromomethane	1.587	94	95	0.226	ug/l #	2
6) Chloroethane	1.697	64	138	0.379	ug/l #	1
11) Tert butyl alcohol	3.038	59	636	2.626	ug/l #	100
16) Acetone	2.410	43	8697	16.876	ug/l	96
18) Methyl Acetate	2.727	43	1613	1.071	ug/l	99
20) Methylene Chloride	2.788	84	2246	2.022	ug/l #	84
25) 2-Butanone	4.520	43	193	0.257	ug/l #	49
29) Tetrahydrofuran	5.068	42	324	0.663	ug/l #	32
31) Cyclohexane	5.538	56	1517	1.107	ug/l #	33
36) 1,1-Dichloropropene	5.544	75	5706	4.827	ug/l #	46
37) Ethyl Acetate	4.769	43	466	0.325	ug/l #	68
38) Carbon Tetrachloride	5.544	117	8003	6.127	ug/l #	18
43) Isopropyl Acetate	6.355	43	47109	19.847	ug/l	95
48) Methyl methacrylate	7.806	41	37395	33.229	ug/l #	41
51) 4-Methyl-2-Pentanone	8.555	43	30975	21.411	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	16470	10.972	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	2032	1.227	ug/l #	42
59) 2-Hexanone	9.488	43	24453	22.255	ug/l #	55
76) 1,2,3-Trichloropropane	11.079	75	26659	21.574	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	26659	59.351	ug/l #	7

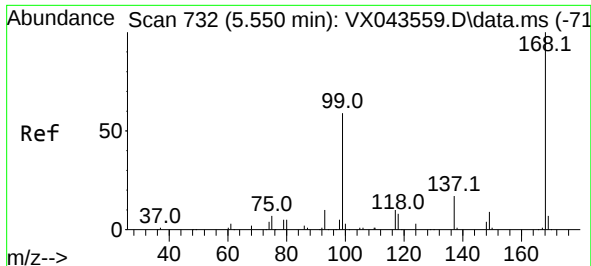
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX043742.D

Acq: 07 Nov 2024 17:25

Instrument :

MSVOA_X

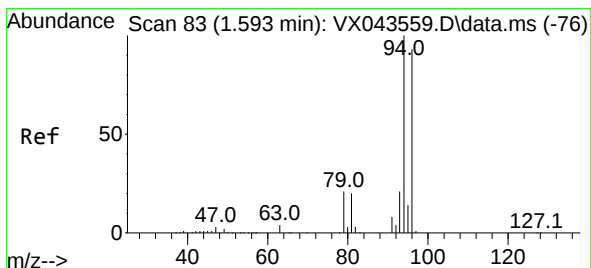
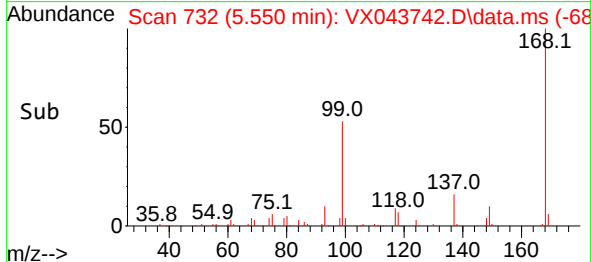
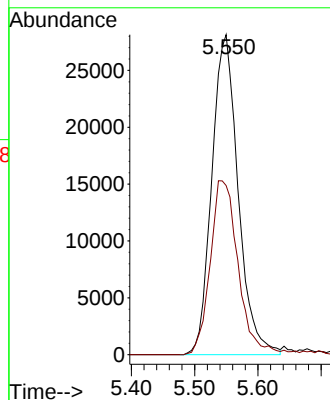
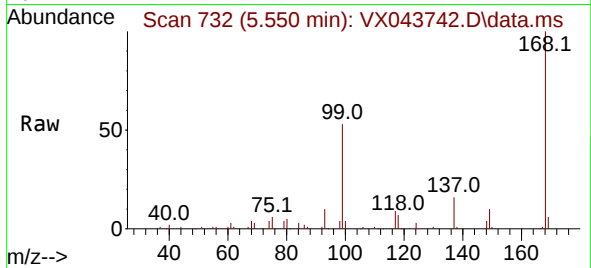
ClientSampleId :

Tgt Ion:168 Resp: 81390

Ion Ratio Lower Upper

168 100

99 52.9 52.6 78.8



#5

Bromomethane

Concen: 0.226 ug/l

RT: 1.587 min Scan# 82

Delta R.T. -0.006 min

Lab File: VX043742.D

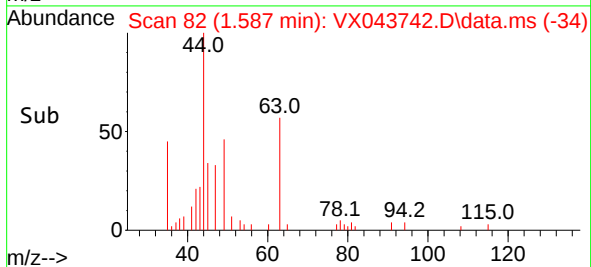
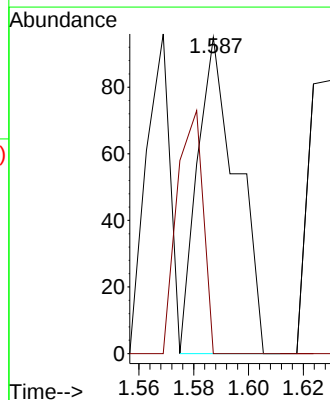
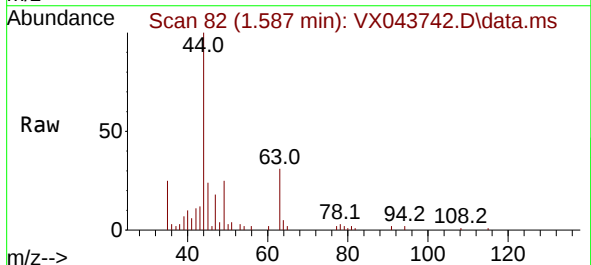
Acq: 07 Nov 2024 17:25

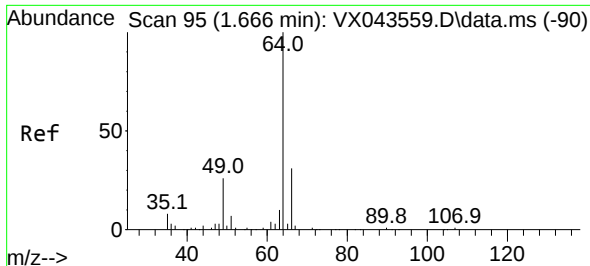
Tgt Ion: 94 Resp: 95

Ion Ratio Lower Upper

94 100

96 0.0 75.9 113.9#

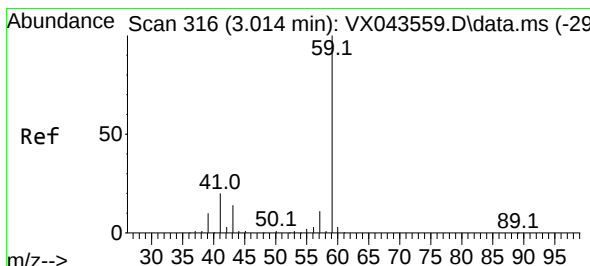
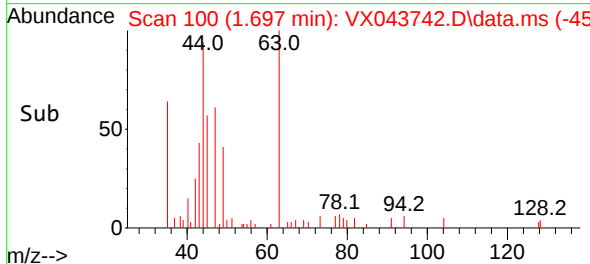
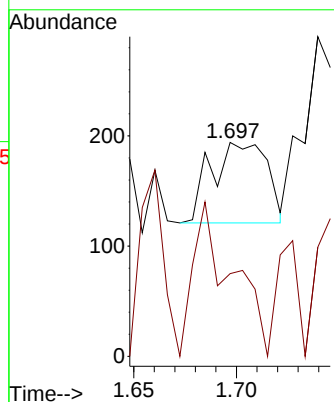
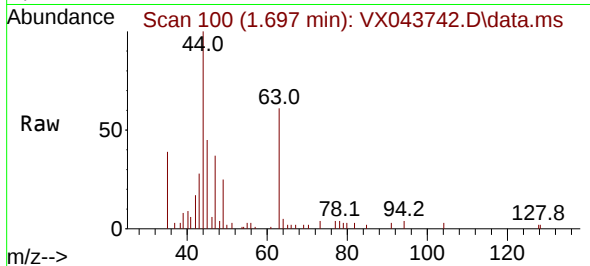




#6
Chloroethane
Concen: 0.379 ug/l
RT: 1.697 min Scan# 10
Delta R.T. 0.037 min
Lab File: VX043742.D
Acq: 07 Nov 2024 17:25

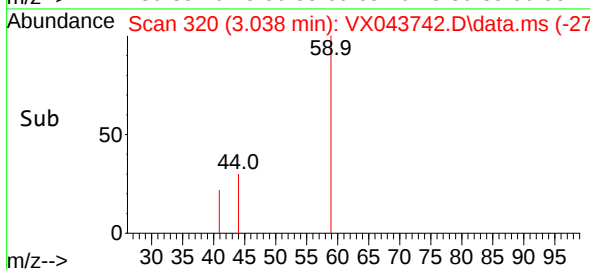
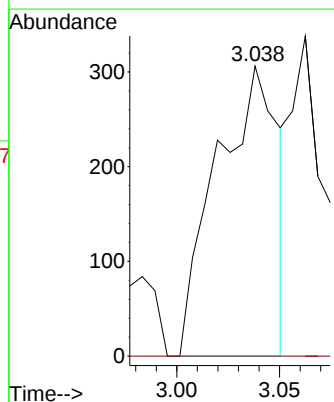
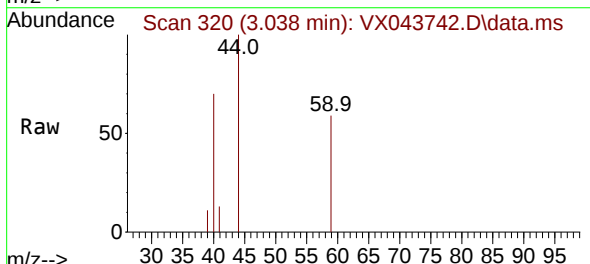
Instrument :
MSVOA_X
ClientSampleId :

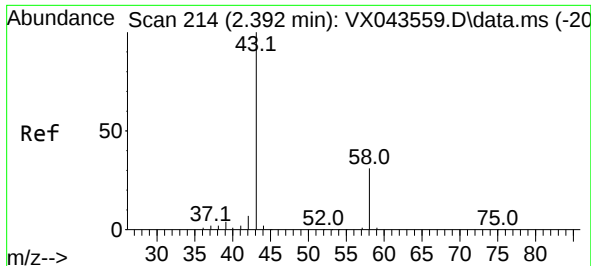
Tgt Ion: 64 Resp: 138
Ion Ratio Lower Upper
64 100
66 102.7 25.1 37.7#



#11
Tert butyl alcohol
Concen: 2.626 ug/l
RT: 3.038 min Scan# 320
Delta R.T. -0.012 min
Lab File: VX043742.D
Acq: 07 Nov 2024 17:25

Tgt Ion: 59 Resp: 636
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

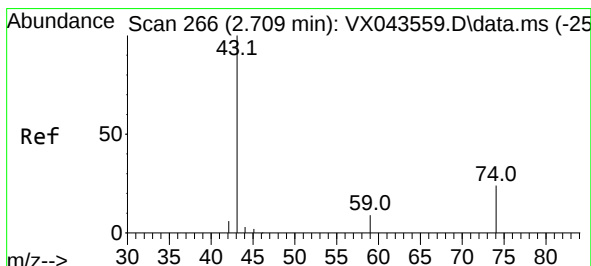
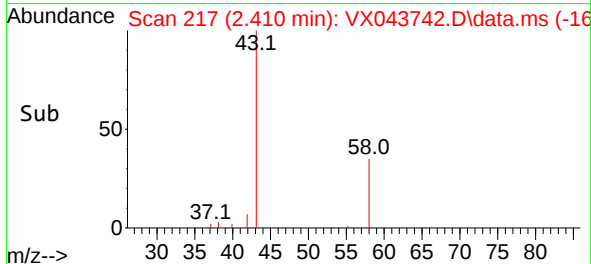
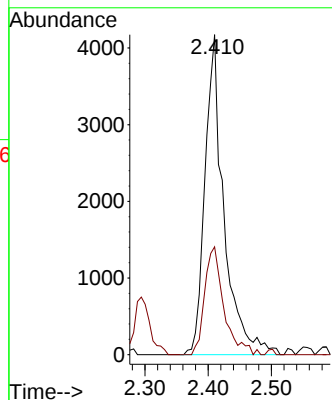
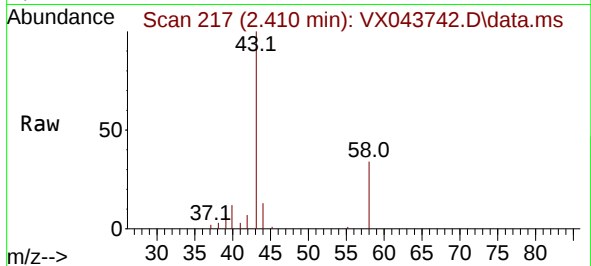




#16
Acetone
Concen: 16.876 ug/l
RT: 2.410 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX043742.D
Acq: 07 Nov 2024 17:25

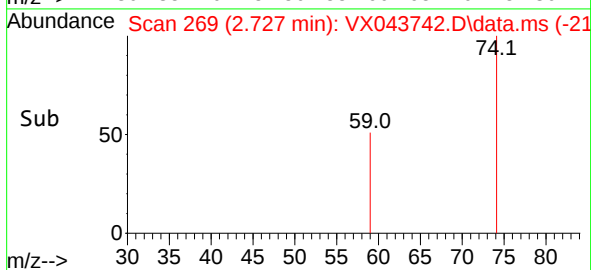
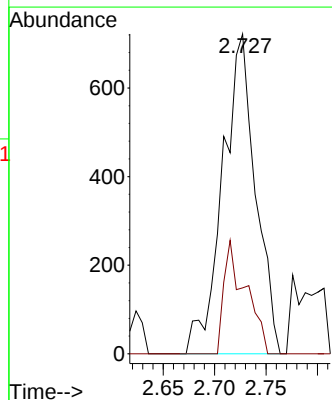
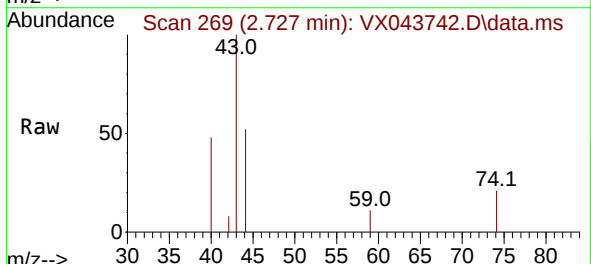
Instrument :
MSVOA_X
ClientSampleId :

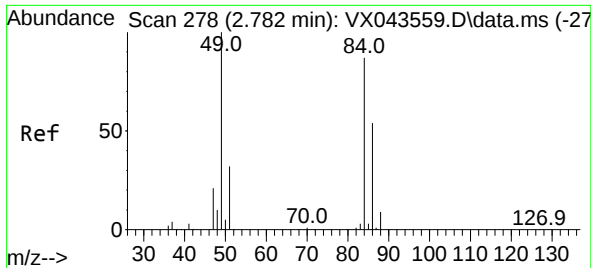
Tgt Ion: 43 Resp: 8697
Ion Ratio Lower Upper
43 100
58 33.7 25.1 37.7



#18
Methyl Acetate
Concen: 1.071 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX043742.D
Acq: 07 Nov 2024 17:25

Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
74 23.4 19.1 28.7

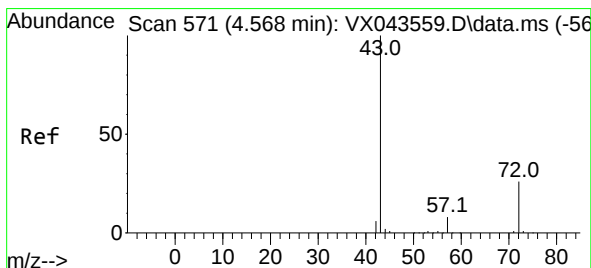
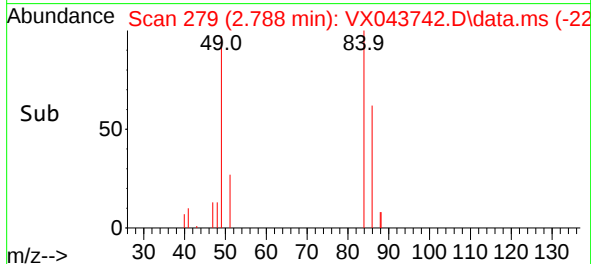
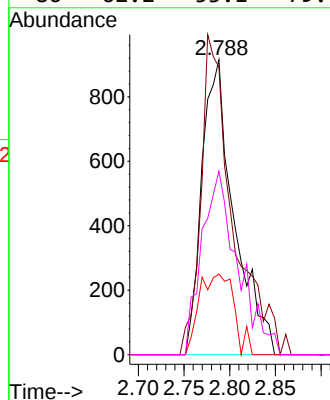
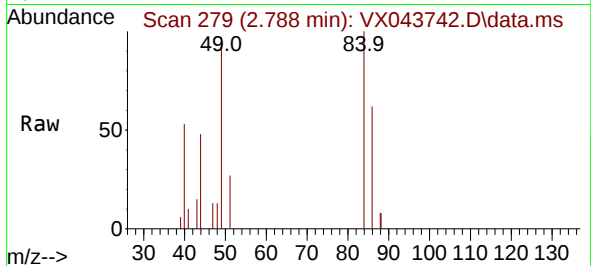




#20
Methylene Chloride
Concen: 2.022 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043742.D
Acq: 07 Nov 2024 17:25

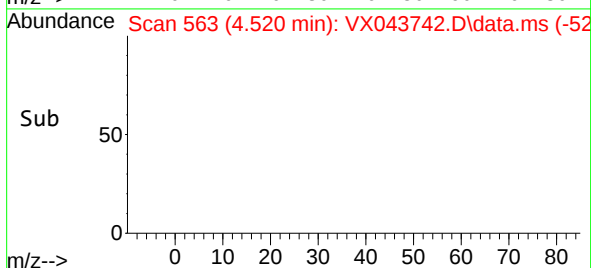
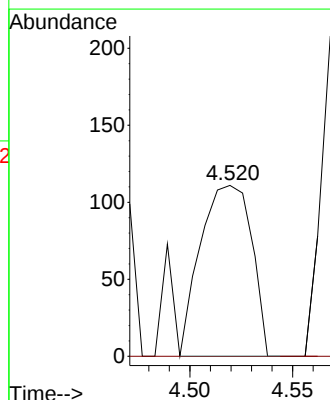
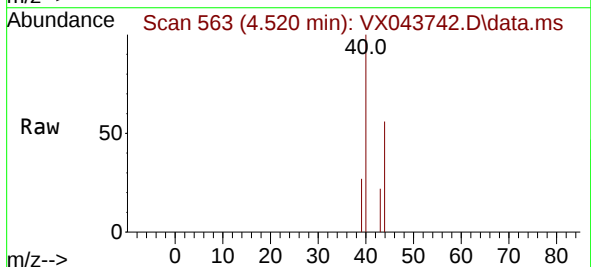
Instrument :
MSVOA_X
ClientSampleId :

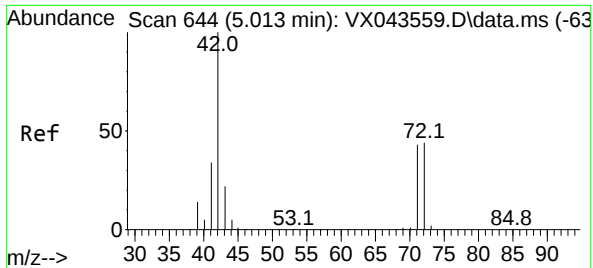
Tgt Ion: 84	Resp: 2246
Ion Ratio	Lower Upper
84 100	
49 97.5	97.0 145.6
51 27.3	29.8 44.8#
86 62.2	53.1 79.7



#25
2-Butanone
Concen: 0.257 ug/l
RT: 4.520 min Scan# 563
Delta R.T. -0.049 min
Lab File: VX043742.D
Acq: 07 Nov 2024 17:25

Tgt Ion: 43	Resp: 193		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	21.1	31.7#	





#29

Tetrahydrofuran

Concen: 0.663 ug/l

RT: 5.068 min Scan# 61

Delta R.T. 0.055 min

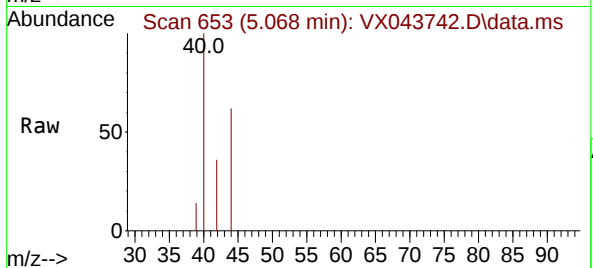
Lab File: VX043742.D

Acq: 07 Nov 2024 17:25

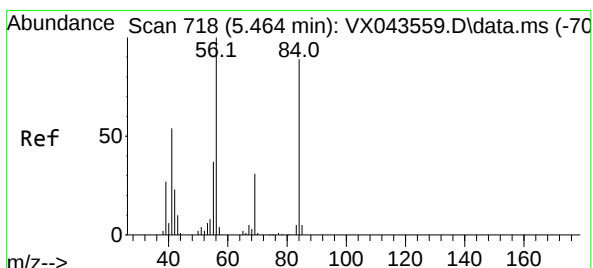
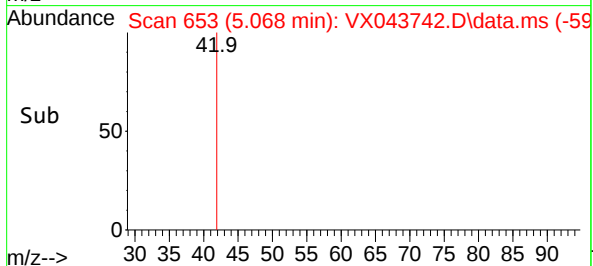
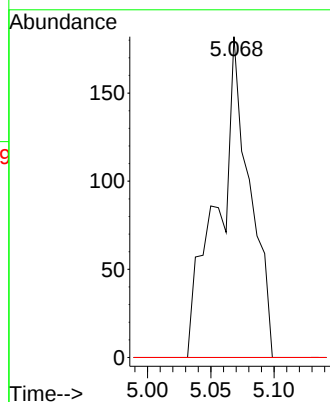
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	324
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.2	51.4#



#31

Cyclohexane

Concen: 1.107 ug/l

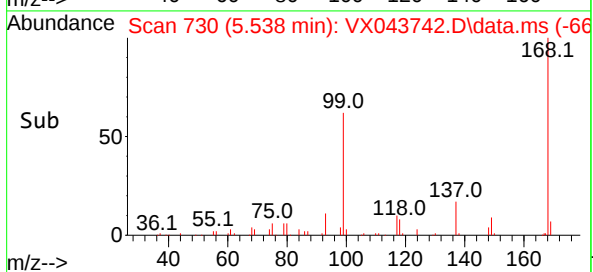
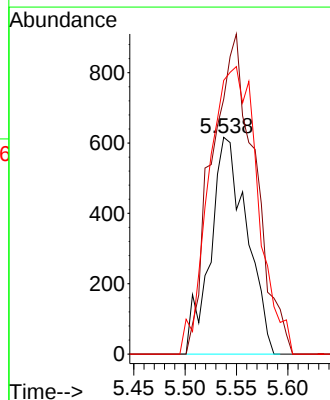
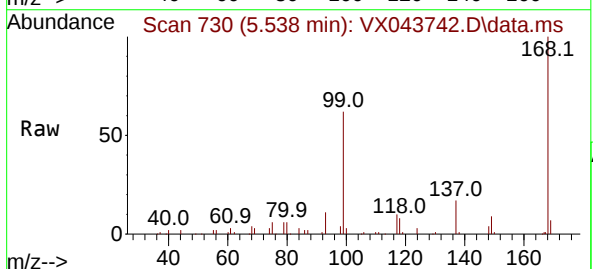
RT: 5.538 min Scan# 730

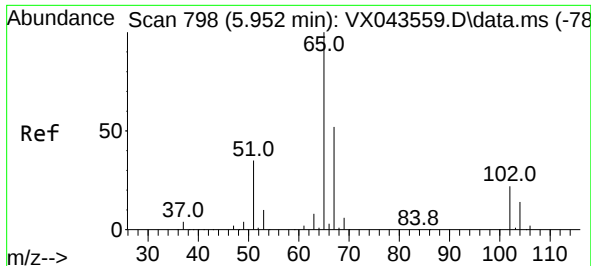
Delta R.T. 0.079 min

Lab File: VX043742.D

Acq: 07 Nov 2024 17:25

Tgt Ion:	56	Resp:	1517
Ion	Ratio	Lower	Upper
56	100		
69	117.7	24.9	37.3#
84	126.3	73.3	109.9#





#33

1,2-Dichloroethane-d4

Concen: 36.286 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043742.D

Acq: 07 Nov 2024 17:25

Instrument :

MSVOA_X

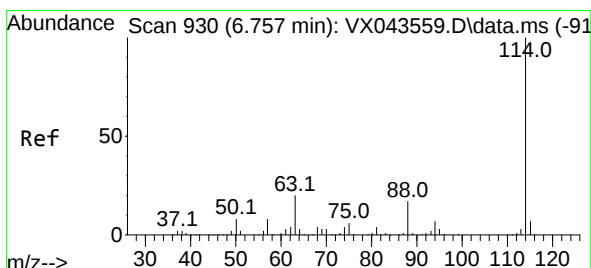
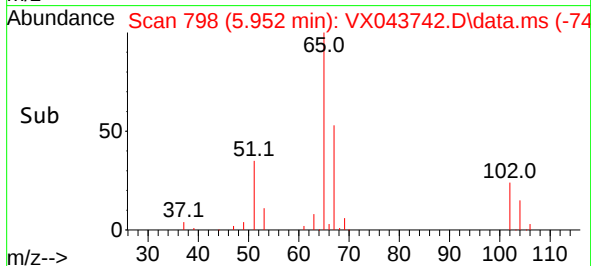
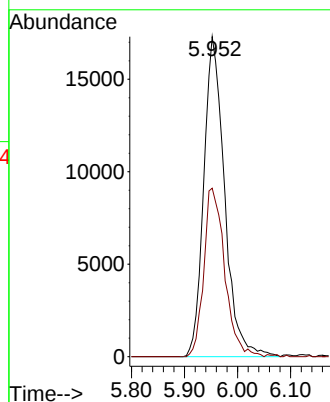
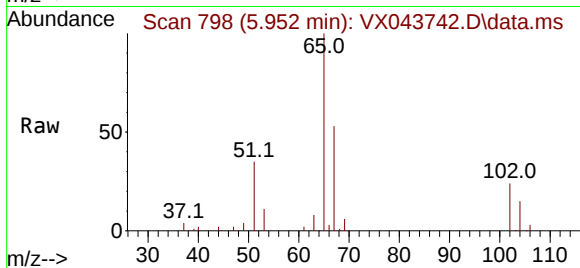
ClientSampleId :

Tgt Ion: 65 Resp: 47091

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX043742.D

Acq: 07 Nov 2024 17:25

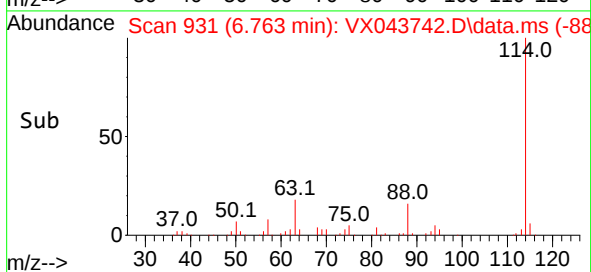
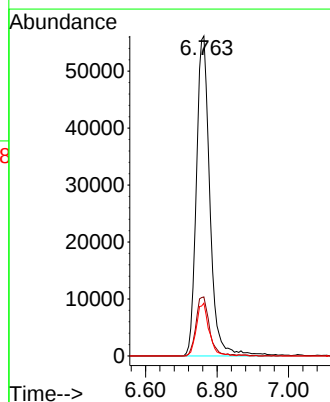
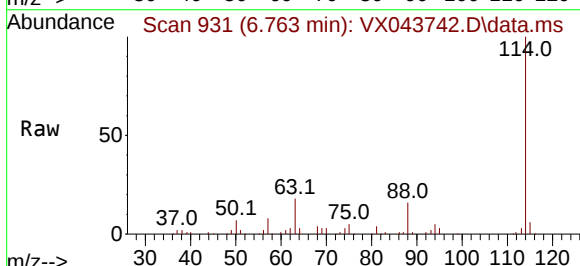
Tgt Ion: 114 Resp: 147031

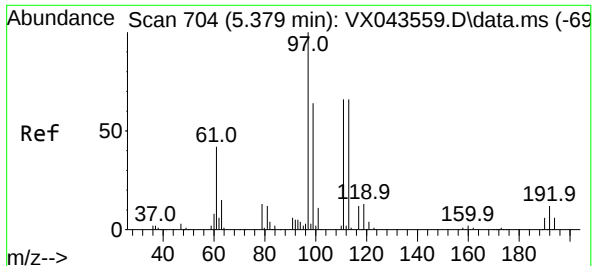
Ion Ratio Lower Upper

114 100

63 18.4 0.0 41.2

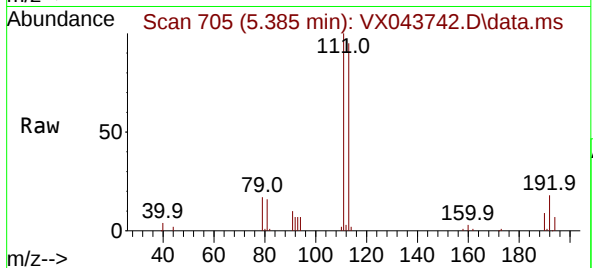
88 16.5 0.0 34.0



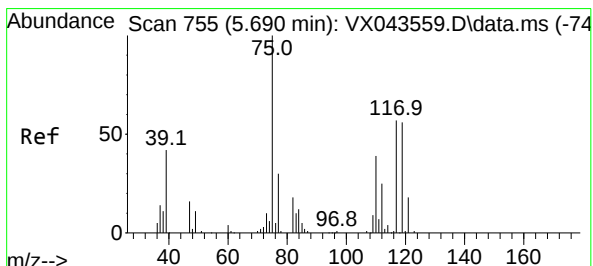
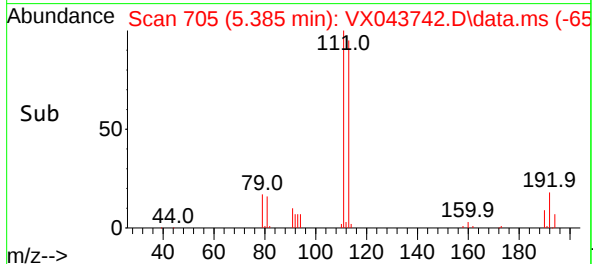
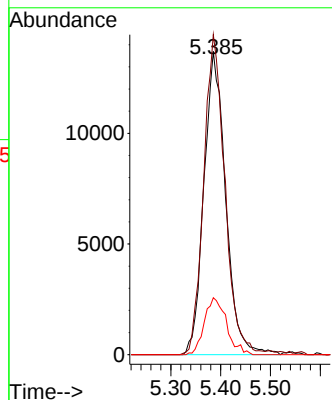


#35
Dibromofluoromethane
Concen: 41.693 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX043742.D
Acq: 07 Nov 2024 17:25

Instrument :
MSVOA_X
ClientSampleId :

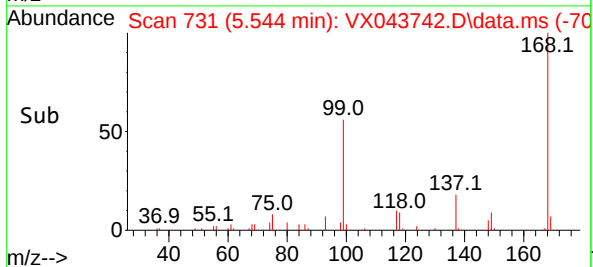
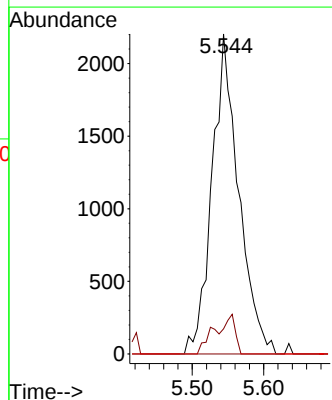
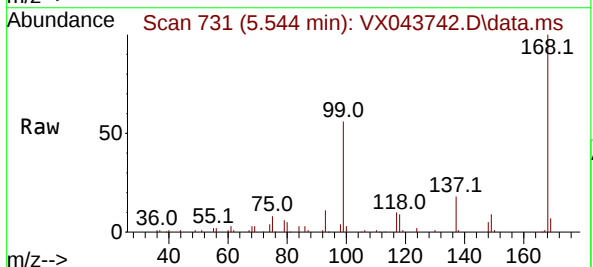


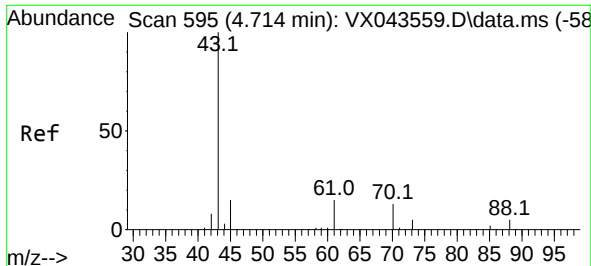
Tgt Ion:113 Resp: 41568
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 19.1 14.1 21.1



#36
1,1-Dichloropropene
Concen: 4.827 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX043742.D
Acq: 07 Nov 2024 17:25

Tgt Ion: 75 Resp: 5706
Ion Ratio Lower Upper
75 100
110 5.1 17.9 53.7#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.325 ug/l

RT: 4.769 min Scan# 604

Delta R.T. 0.049 min

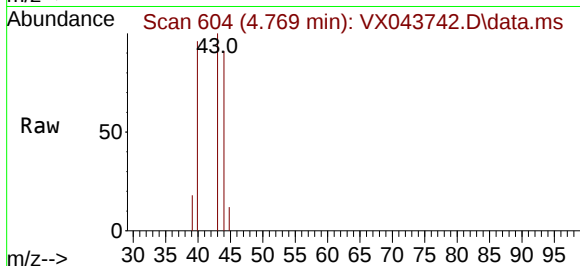
Lab File: VX043742.D

Acq: 07 Nov 2024 17:25

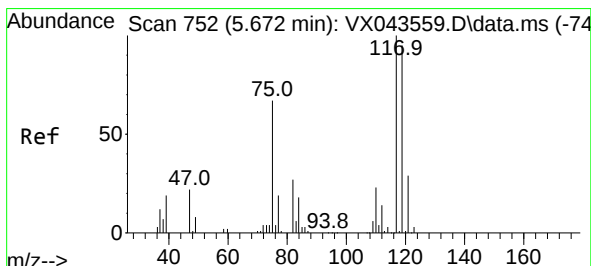
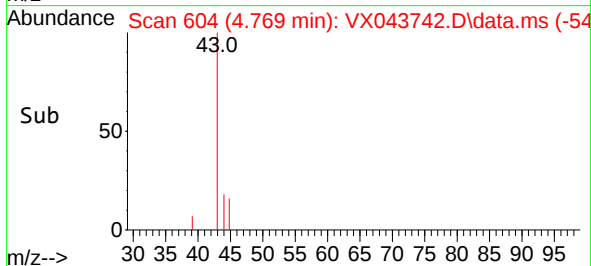
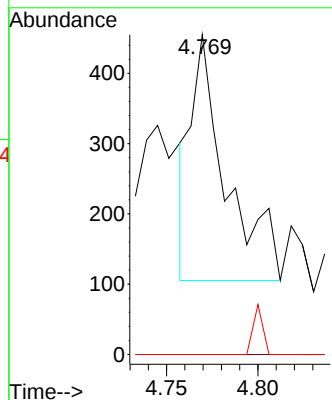
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	466
Ion Ratio	100	Lower	Upper
61	0.0	11.0	16.6#
70	0.0	8.9	13.3#



#38

Carbon Tetrachloride

Concen: 6.127 ug/l

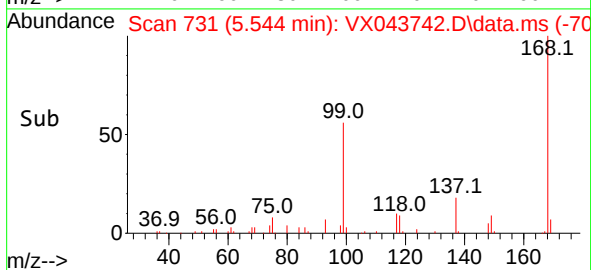
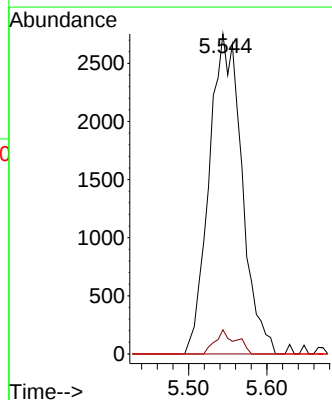
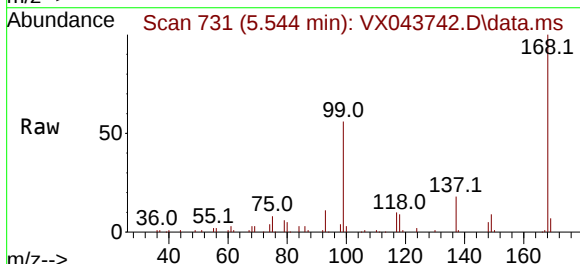
RT: 5.544 min Scan# 731

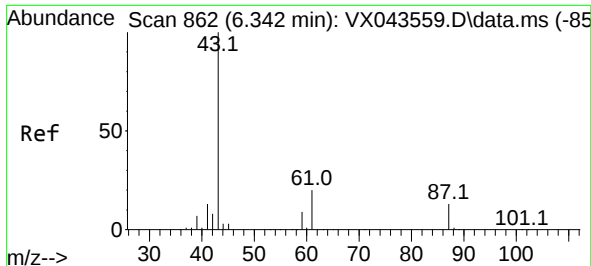
Delta R.T. -0.128 min

Lab File: VX043742.D

Acq: 07 Nov 2024 17:25

Tgt Ion:	117	Resp:	8003
Ion Ratio	100	Lower	Upper
119	7.6	77.0	115.6#
121	0.0	24.7	37.1#

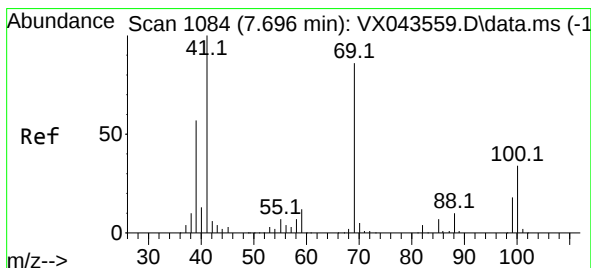
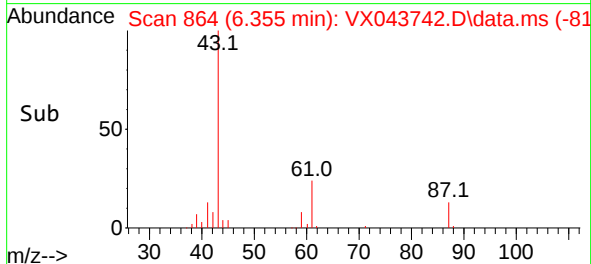
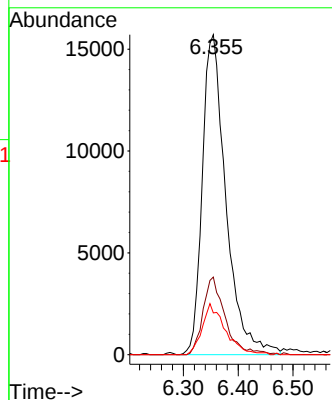
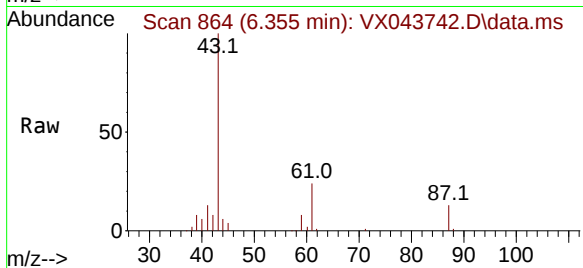




#43
Isopropyl Acetate
Concen: 19.847 ug/l
RT: 6.355 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX043742.D
Acq: 07 Nov 2024 17:25

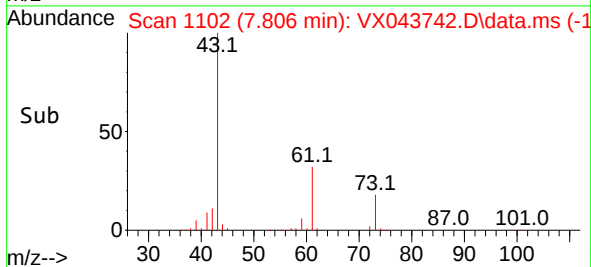
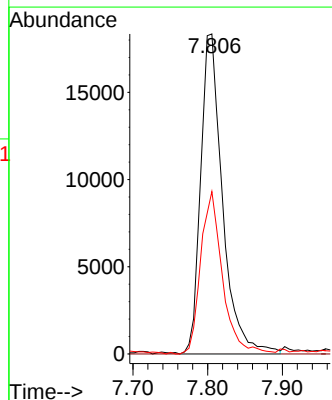
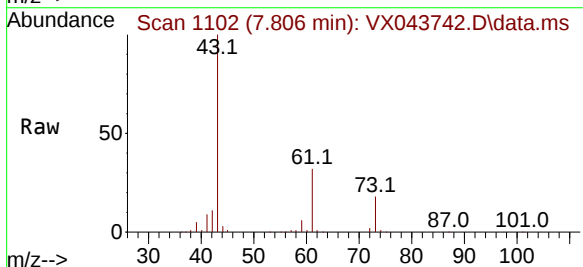
Instrument :
MSVOA_X
ClientSampleId :

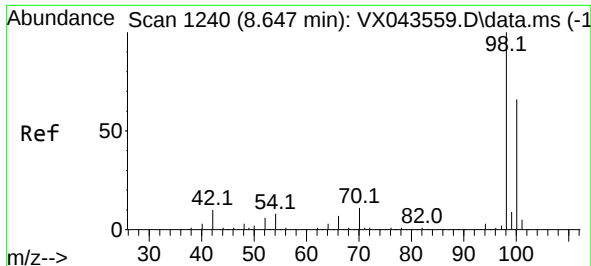
Tgt Ion: 43 Resp: 47109
Ion Ratio Lower Upper
43 100
61 22.6 16.2 24.4
87 15.5 11.0 16.6



#48
Methyl methacrylate
Concen: 33.229 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.110 min
Lab File: VX043742.D
Acq: 07 Nov 2024 17:25

Tgt Ion: 41 Resp: 37395
Ion Ratio Lower Upper
41 100
69 0.0 67.7 101.5#
39 50.5 46.3 69.5

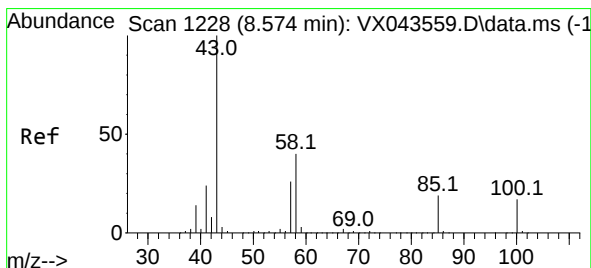
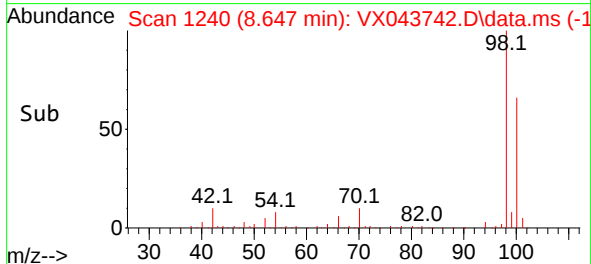
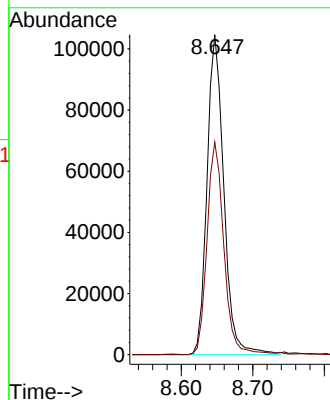
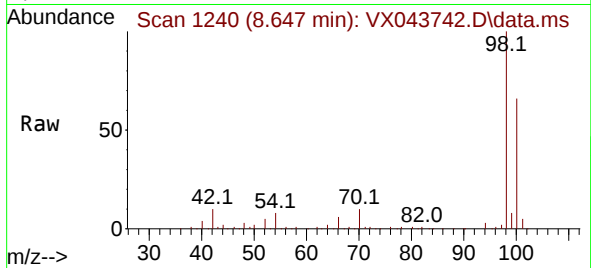




#50
Toluene-d8
Concen: 49.489 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043742.D
Acq: 07 Nov 2024 17:25

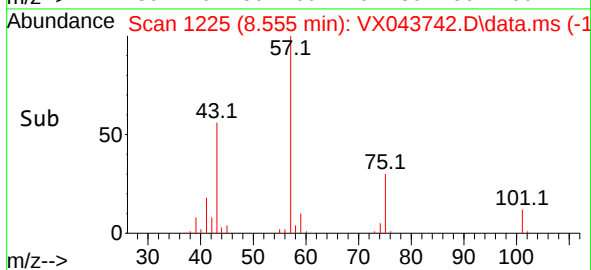
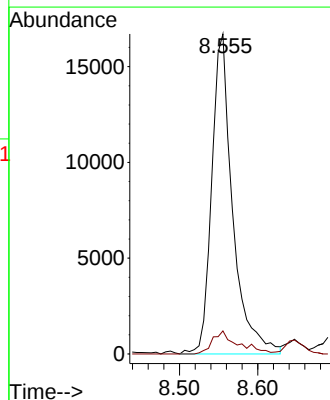
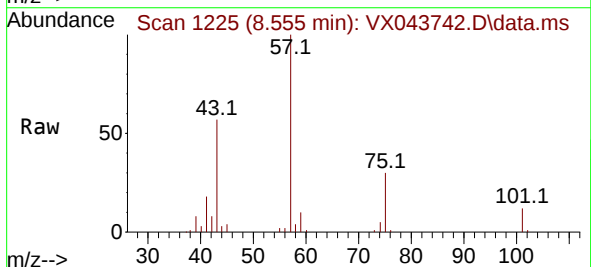
Instrument :
MSVOA_X
ClientSampleId :

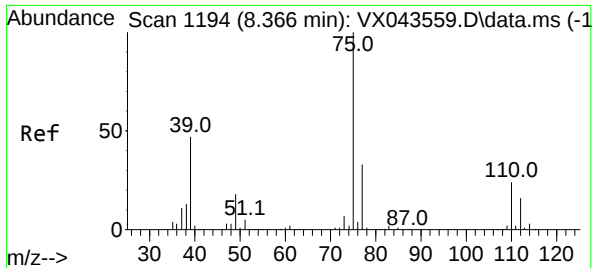
Tgt Ion: 98 Resp: 170800
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 21.411 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.024 min
Lab File: VX043742.D
Acq: 07 Nov 2024 17:25

Tgt Ion: 43 Resp: 30975
Ion Ratio Lower Upper
43 100
58 8.7 31.7 47.5#

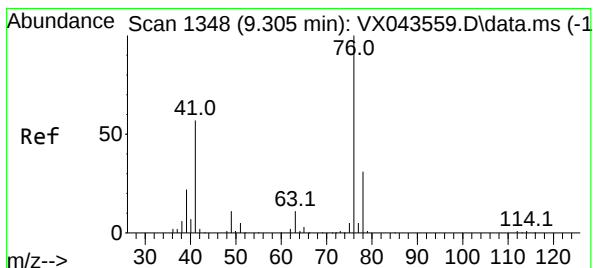
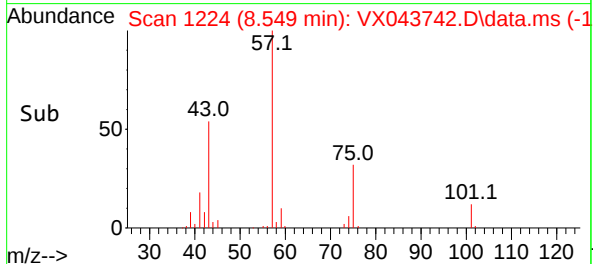
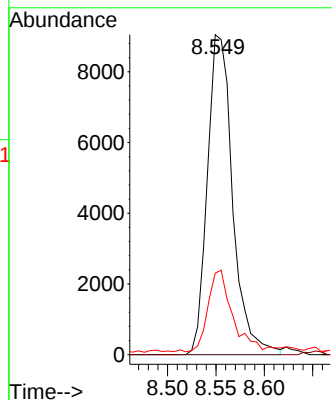
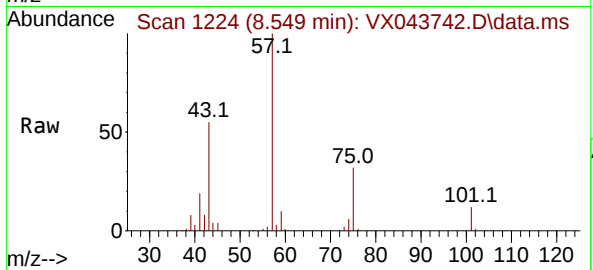




#54
cis-1,3-Dichloropropene
Concen: 10.972 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX043742.D
Acq: 07 Nov 2024 17:25

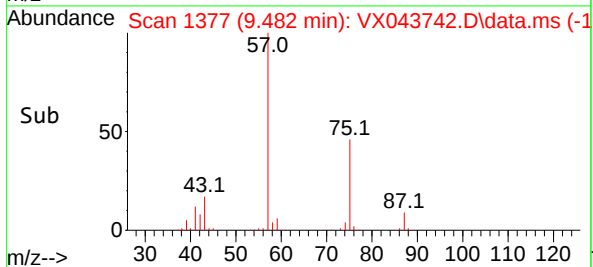
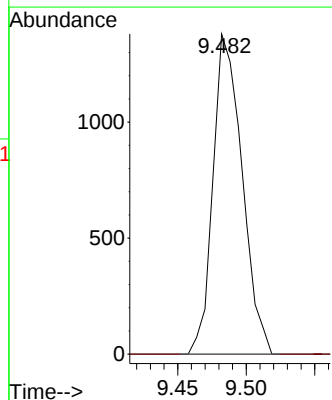
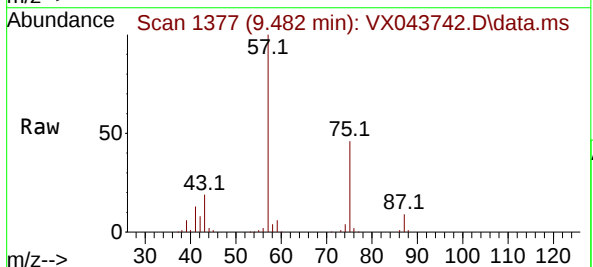
Instrument :
MSVOA_X
ClientSampleId :

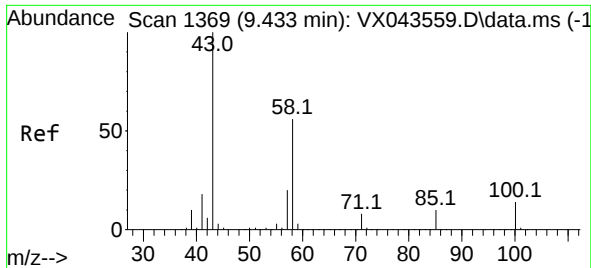
Tgt Ion: 75 Resp: 16470
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 24.0 37.7 56.5#



#57
1,3-Dichloropropane
Concen: 1.227 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX043742.D
Acq: 07 Nov 2024 17:25

Tgt Ion: 76 Resp: 2032
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#

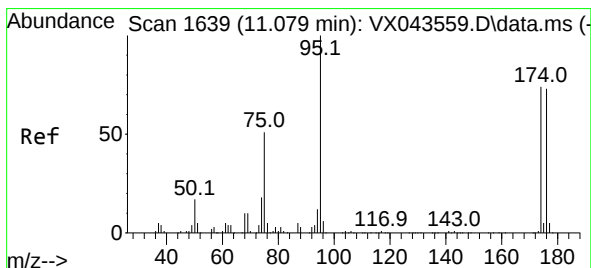
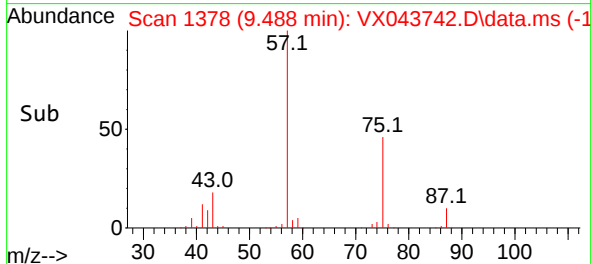
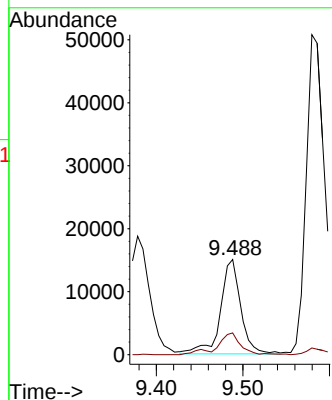
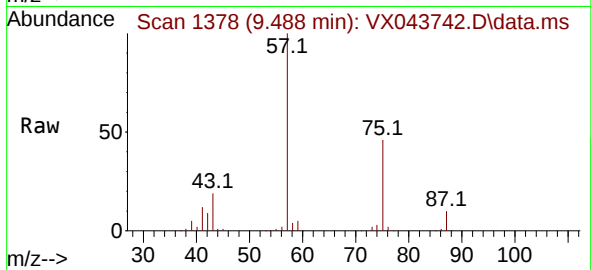




#59
2-Hexanone
Concen: 22.255 ug/l
RT: 9.488 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX043742.D
Acq: 07 Nov 2024 17:25

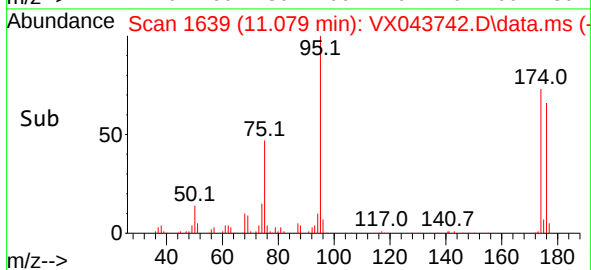
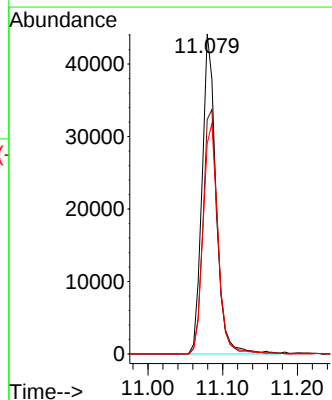
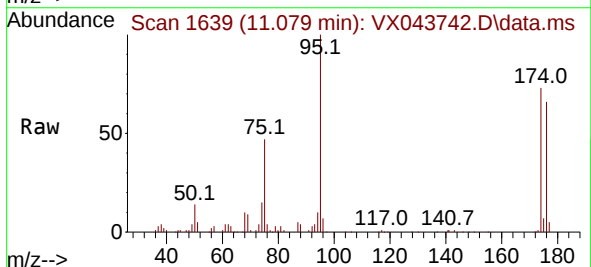
Instrument :
MSVOA_X
ClientSampleId :

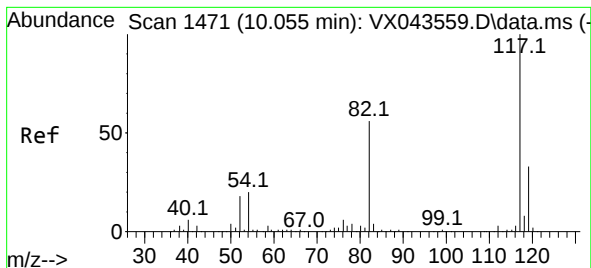
Tgt Ion: 43 Resp: 24453
Ion Ratio Lower Upper
43 100
58 22.2 27.5 82.5#



#62
4-Bromofluorobenzene
Concen: 44.840 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043742.D
Acq: 07 Nov 2024 17:25

Tgt Ion: 95 Resp: 57345
Ion Ratio Lower Upper
95 100
174 79.4 0.0 146.6
176 76.8 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: VX043742.D

Acq: 07 Nov 2024 17:25

Instrument :

MSVOA_X

ClientSampleId :

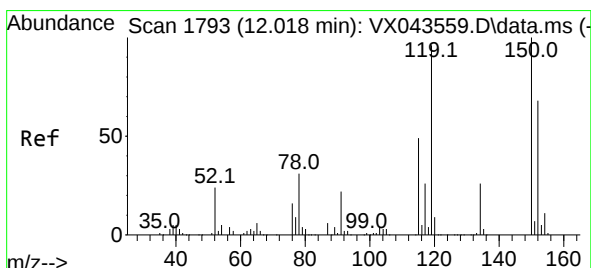
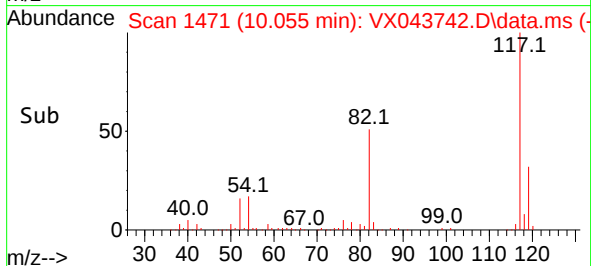
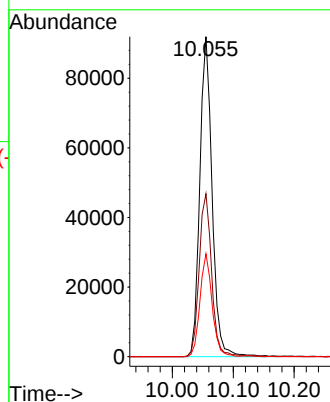
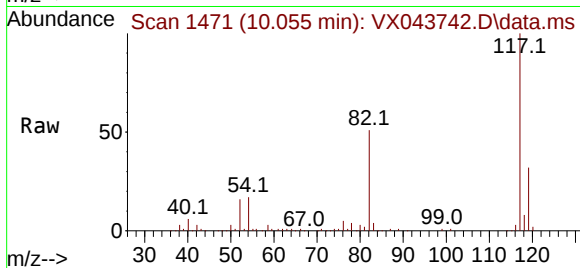
Tgt Ion:117 Resp: 128822

Ion Ratio Lower Upper

117 100

82 50.9 42.1 63.1

119 32.1 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: VX043742.D

Acq: 07 Nov 2024 17:25

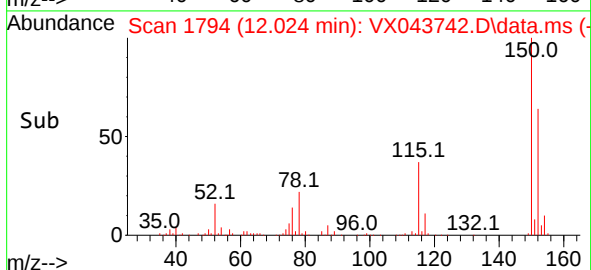
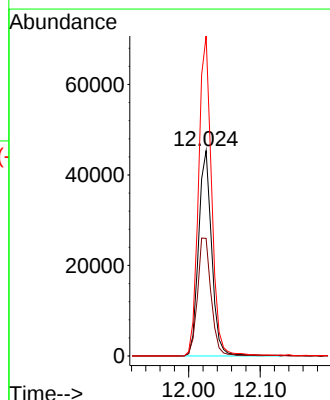
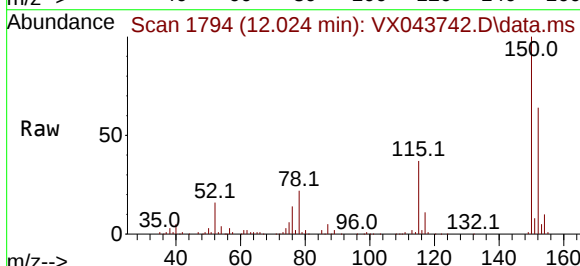
Tgt Ion:152 Resp: 57793

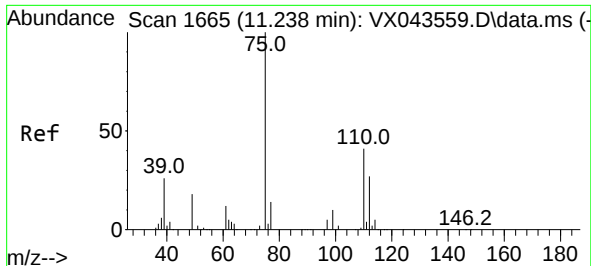
Ion Ratio Lower Upper

152 100

115 59.6 42.9 128.7

150 155.0 0.0 343.6

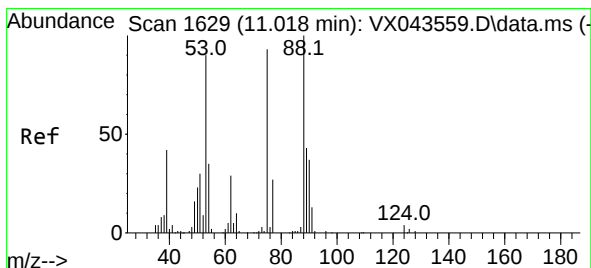
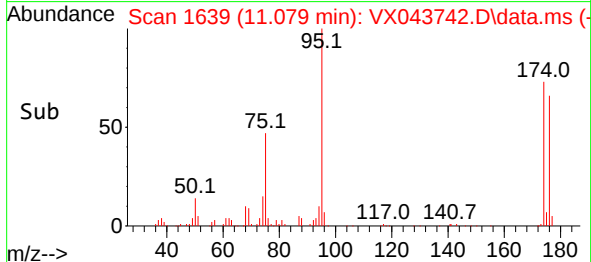
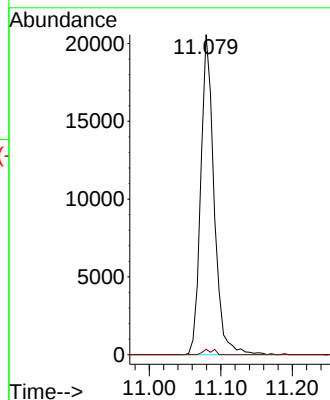
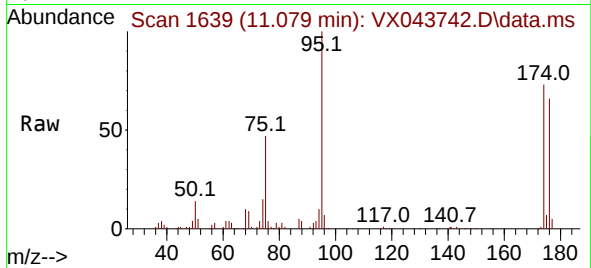




#76
1,2,3-Trichloropropane
Concen: 21.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043742.D
Acq: 07 Nov 2024 17:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 26659
Ion Ratio Lower Upper
75 100
77 1.3 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.351 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043742.D
Acq: 07 Nov 2024 17:25

Tgt Ion: 75 Resp: 26659
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#

