

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110724\
 Data File : VX043733.D
 Acq On : 07 Nov 2024 13:56
 Operator : JC/MD
 Sample : P4718-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 08 04:07:25 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

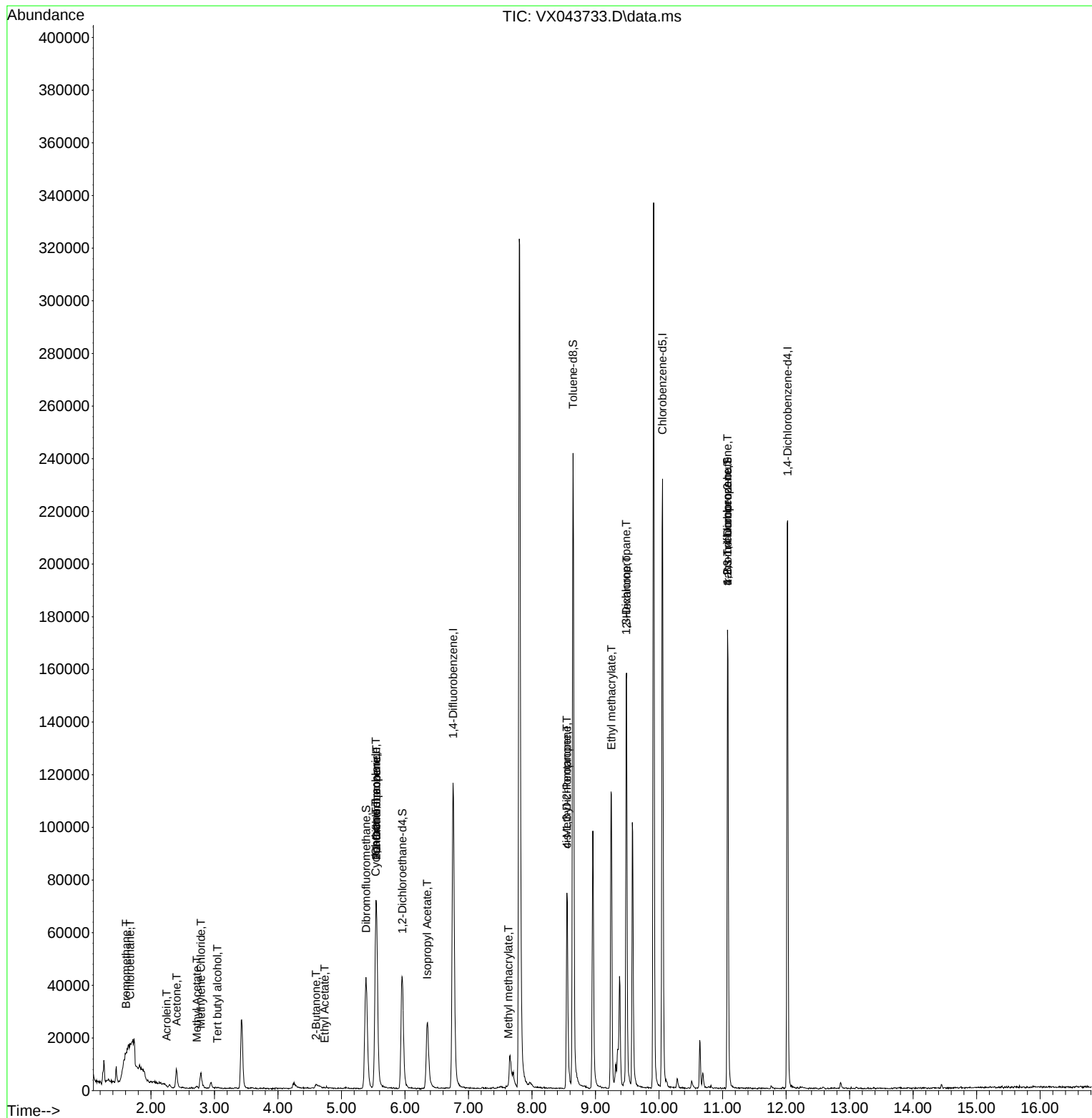
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	74982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	43950	36.760	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	73.520%#
35) Dibromofluoromethane	5.385	113	39878	43.685	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.380%
50) Toluene-d8	8.647	98	157069	49.706	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.420%
62) 4-Bromofluorobenzene	11.079	95	52711	45.017	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.040%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	169	0.436	ug/l #	2
6) Chloroethane	1.672	64	409	1.220	ug/l #	43
11) Tert butyl alcohol	3.044	59	276	1.237	ug/l #	100
13) Acrolein	2.246	56	192	1.100	ug/l #	63
16) Acetone	2.404	43	8728	18.383	ug/l	95
18) Methyl Acetate	2.721	43	1110	0.800	ug/l	95
20) Methylene Chloride	2.788	84	3524	3.444	ug/l #	87
25) 2-Butanone	4.599	43	4277	6.176	ug/l #	86
31) Cyclohexane	5.538	56	543	0.430	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	5136	4.745	ug/l #	50
37) Ethyl Acetate	4.733	43	362	0.275	ug/l #	77
38) Carbon Tetrachloride	5.544	117	6971	5.829	ug/l #	17
43) Isopropyl Acetate	6.348	43	39098	17.991	ug/l	97
48) Methyl methacrylate	7.629	41	1043	1.012	ug/l #	13
51) 4-Methyl-2-Pentanone	8.549	43	27602	20.838	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	14517	10.562	ug/l #	57
56) Ethyl methacrylate	9.250	69	426	0.288	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	1617	1.067	ug/l #	42
59) 2-Hexanone	9.488	43	20618	20.495	ug/l #	56
76) 1,2,3-Trichloropropane	11.079	75	25135	23.367	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	25135	64.284	ug/l #	7

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110724\
Data File : VX043733.D
Acq On : 07 Nov 2024 13:56
Operator : JC/MD
Sample : P4718-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

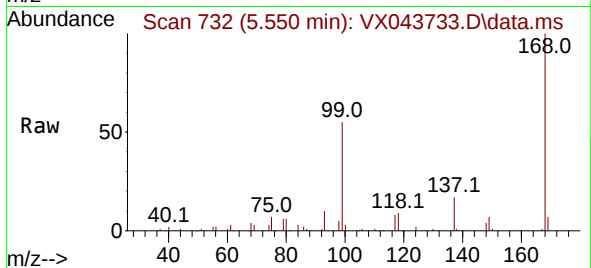
Quant Time: Nov 08 04:07:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration



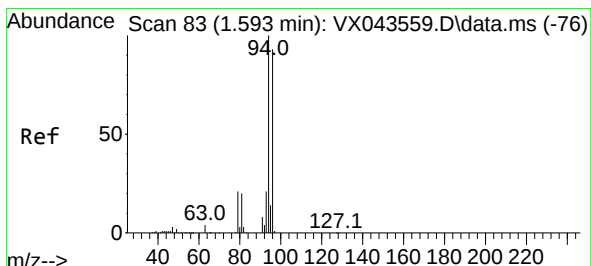
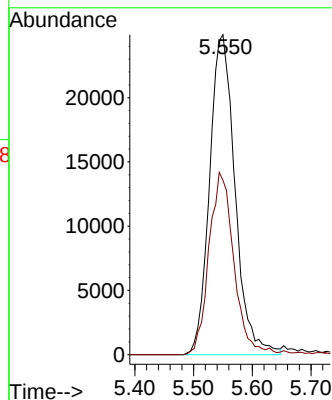
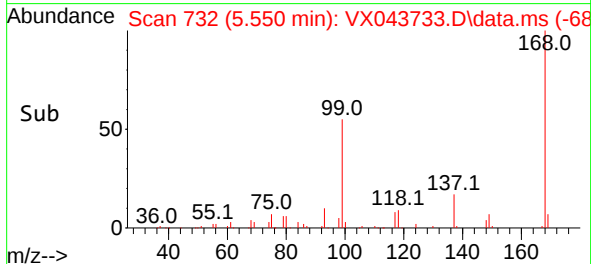


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

Instrument :
MSVOA_X
ClientSampleId :

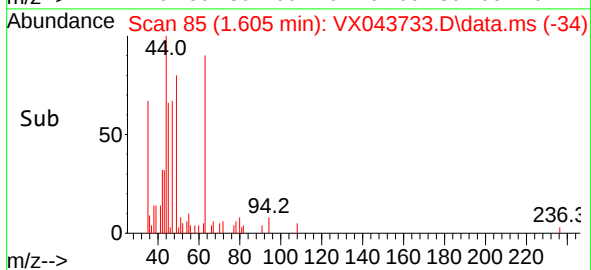
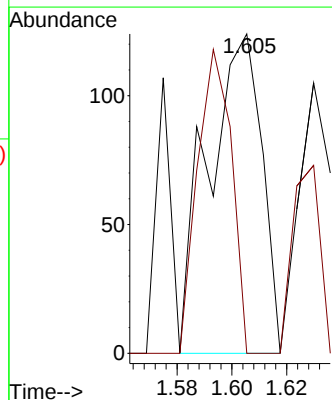
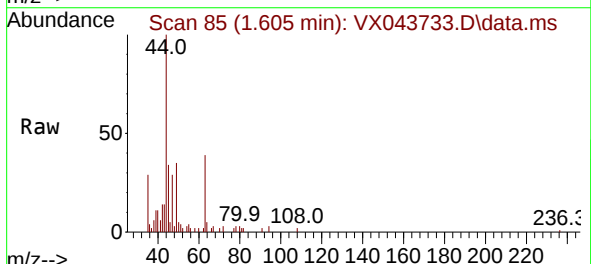


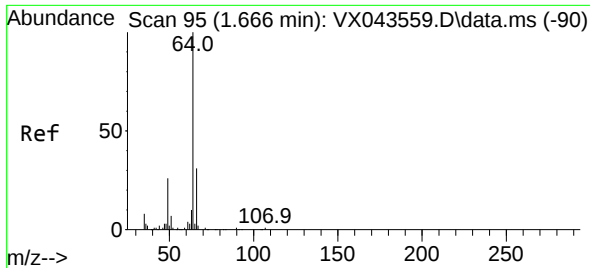
Tgt Ion:168 Resp: 74982
Ion Ratio Lower Upper
168 100
99 54.5 52.6 78.8



#5
Bromomethane
Concen: 0.436 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

Tgt Ion: 94 Resp: 169
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#

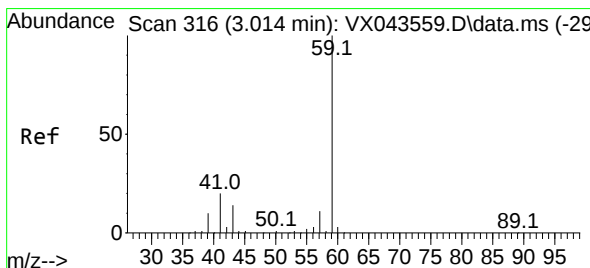
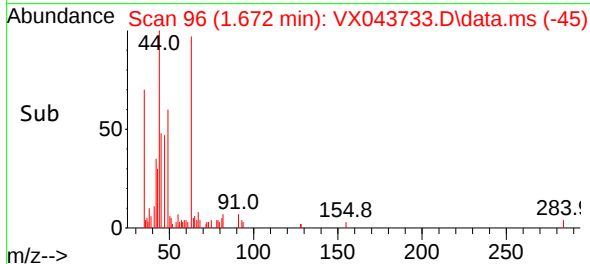
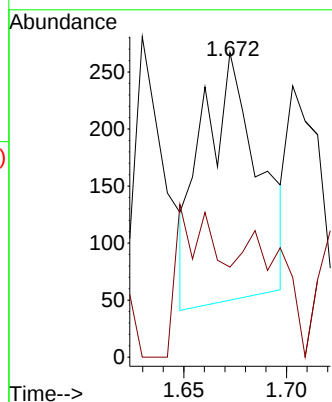
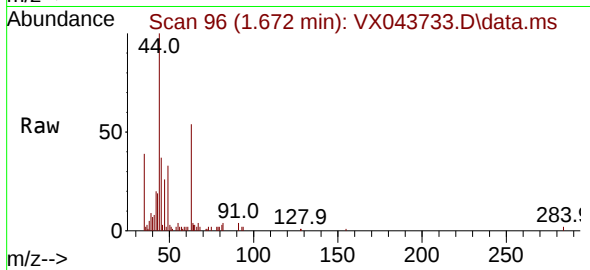




#6
Chloroethane
Concen: 1.220 ug/l
RT: 1.672 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

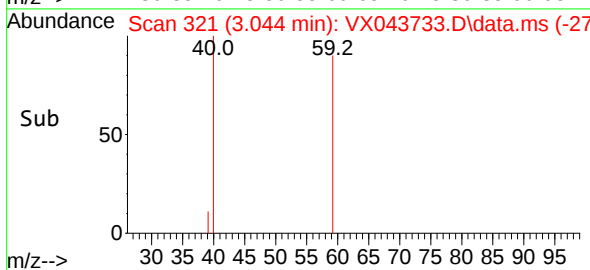
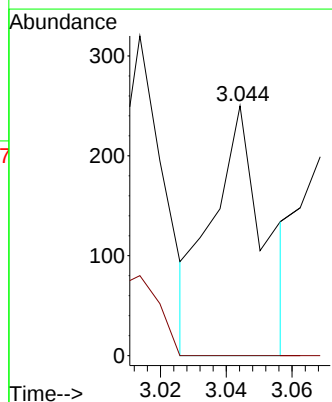
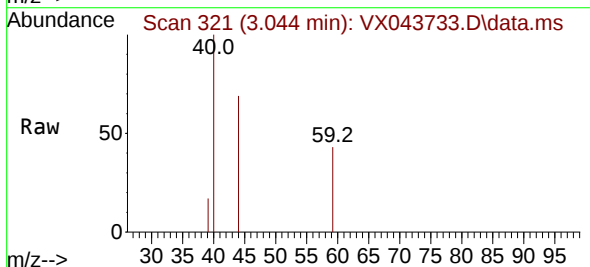
Instrument :
MSVOA_X
ClientSampleId :

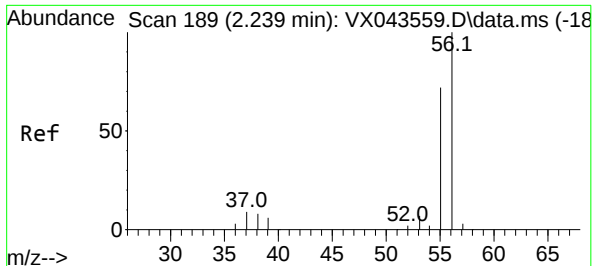
Tgt Ion: 64 Resp: 409
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 1.237 ug/l
RT: 3.044 min Scan# 321
Delta R.T. -0.006 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

Tgt Ion: 59 Resp: 276
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

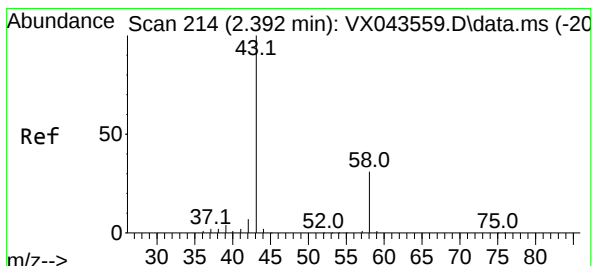
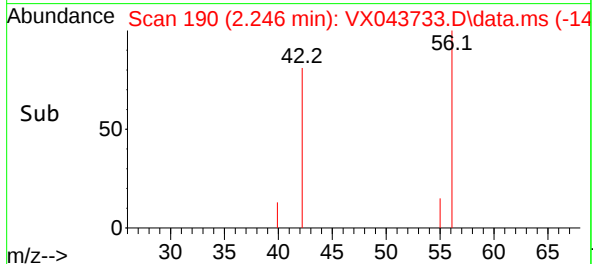
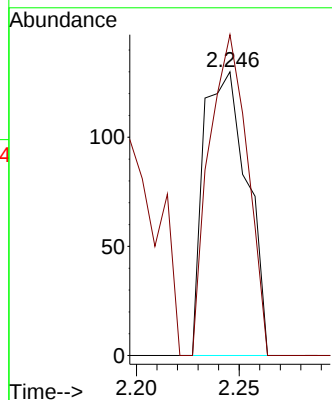
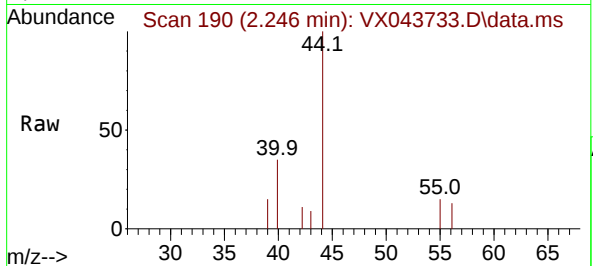




#13
Acrolein
Concen: 1.100 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

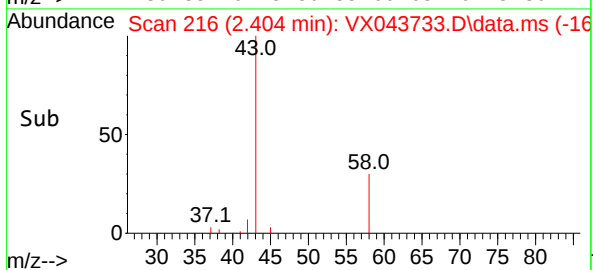
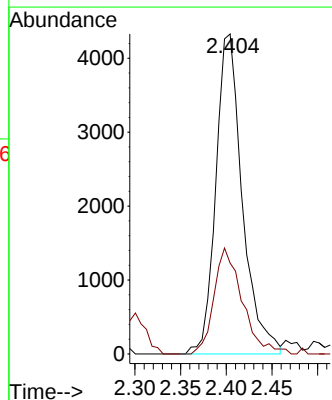
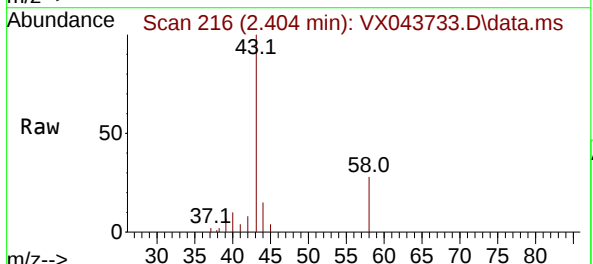
Instrument :
MSVOA_X
ClientSampleId :

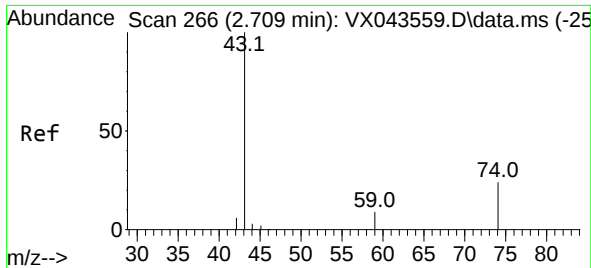
Tgt Ion: 56 Resp: 192
Ion Ratio Lower Upper
56 100
55 99.5 55.3 82.9#



#16
Acetone
Concen: 18.383 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

Tgt Ion: 43 Resp: 8728
Ion Ratio Lower Upper
43 100
58 28.4 25.1 37.7

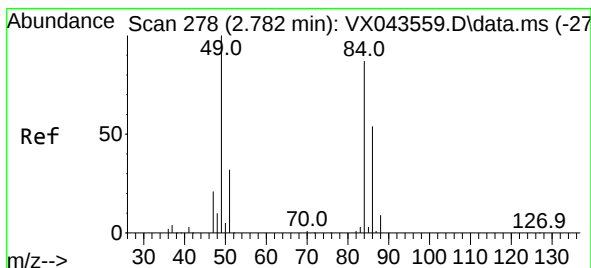
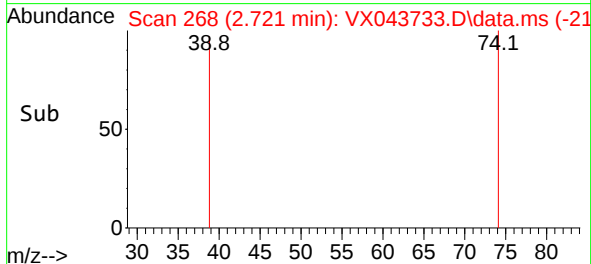
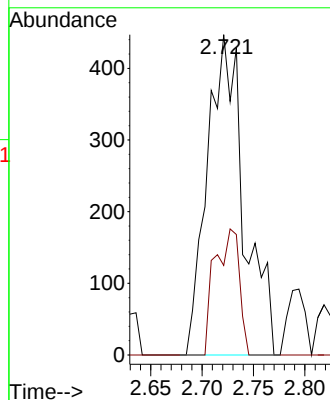
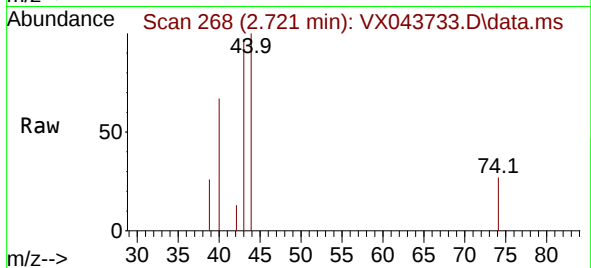




#18
Methyl Acetate
Concen: 0.800 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

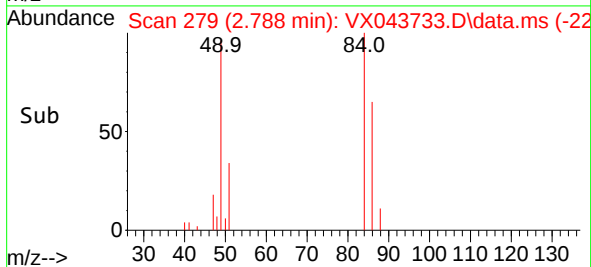
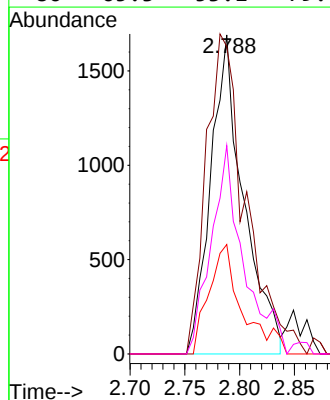
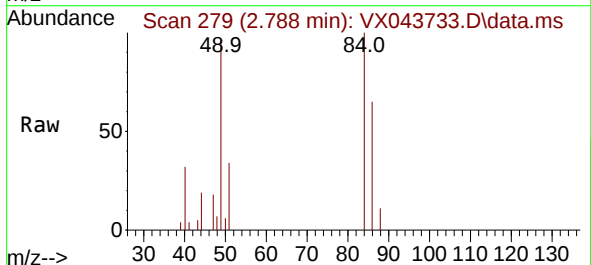
Instrument :
MSVOA_X
ClientSampleId :

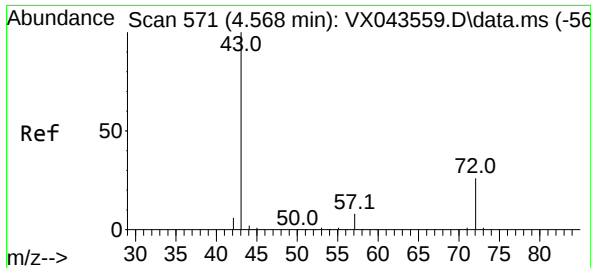
Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
74 26.2 19.1 28.7



#20
Methylene Chloride
Concen: 3.444 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

Tgt Ion: 84 Resp: 3524
Ion Ratio Lower Upper
84 100
49 96.4 97.0 145.6#
51 34.3 29.8 44.8
86 65.3 53.1 79.7

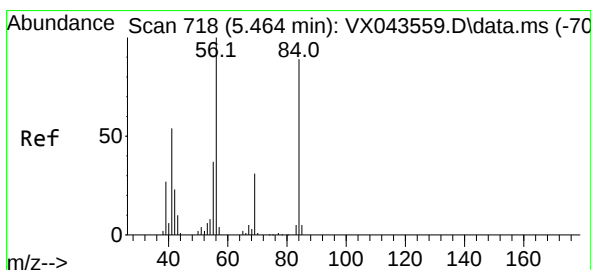
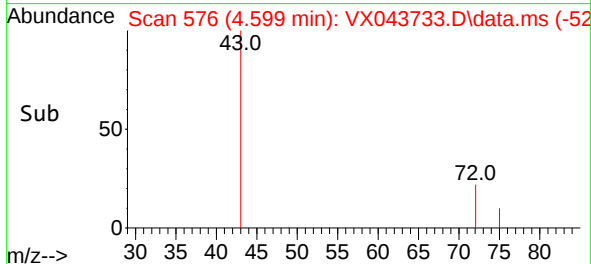
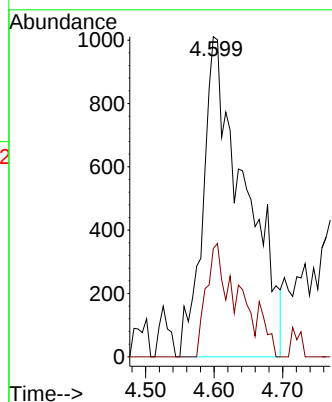
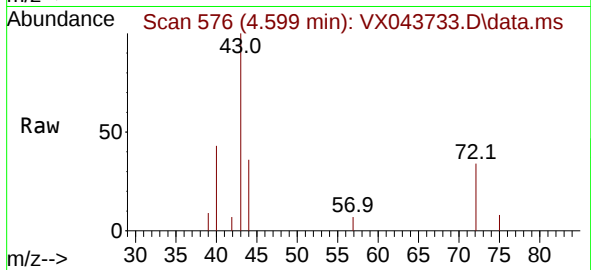




#25
2-Butanone
Concen: 6.176 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

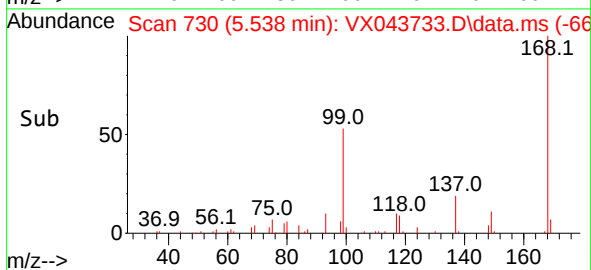
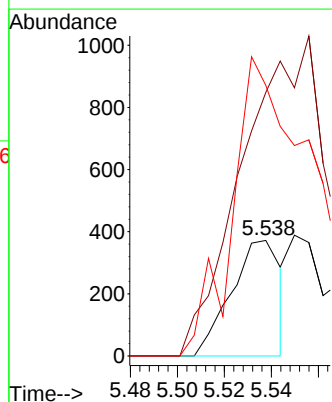
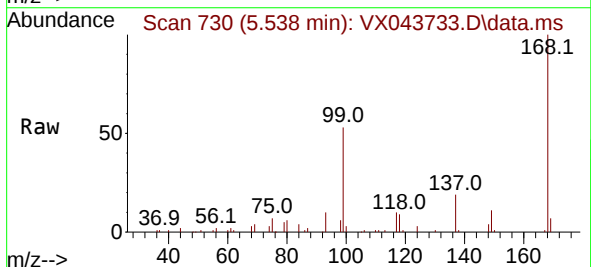
Instrument :
MSVOA_X
ClientSampleId :

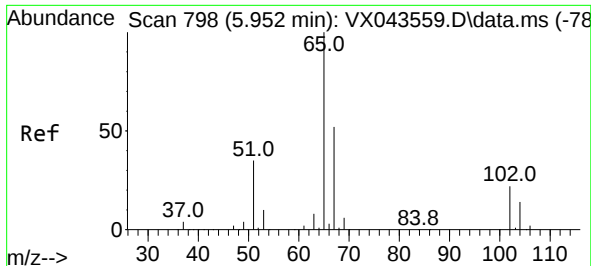
Tgt Ion: 43 Resp: 4277
Ion Ratio Lower Upper
43 100
72 33.8 21.1 31.7#



#31
Cyclohexane
Concen: 0.430 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

Tgt Ion: 56 Resp: 543
Ion Ratio Lower Upper
56 100
69 228.0 24.9 37.3#
84 234.1 73.3 109.9#





#33

1,2-Dichloroethane-d4

Concen: 36.760 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043733.D

Acq: 07 Nov 2024 13:56

Instrument :

MSVOA_X

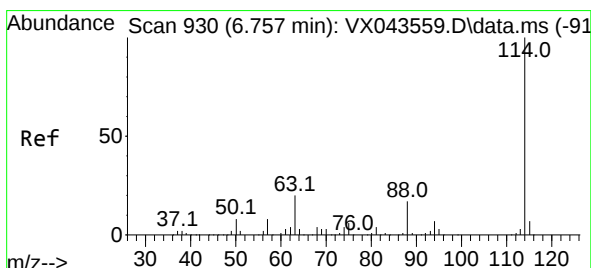
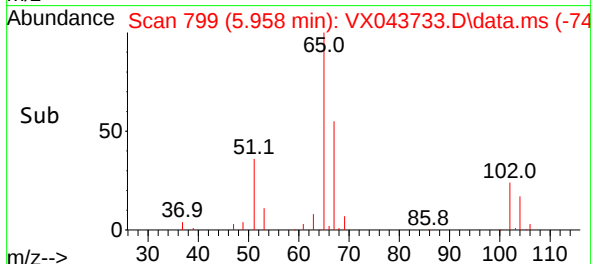
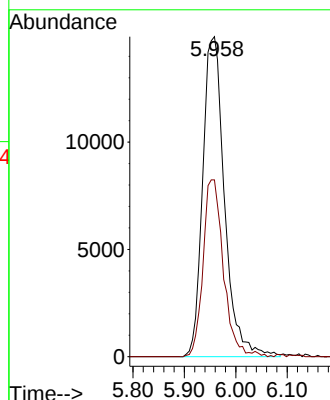
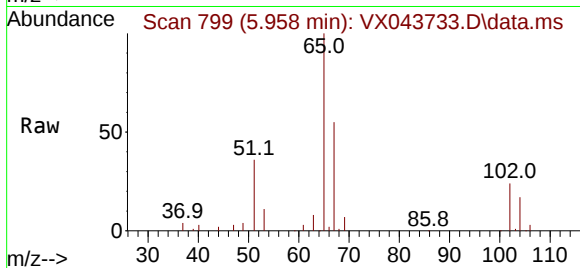
ClientSampleId :

Tgt Ion: 65 Resp: 43950

Ion Ratio Lower Upper

65 100

67 51.2 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: VX043733.D

Acq: 07 Nov 2024 13:56

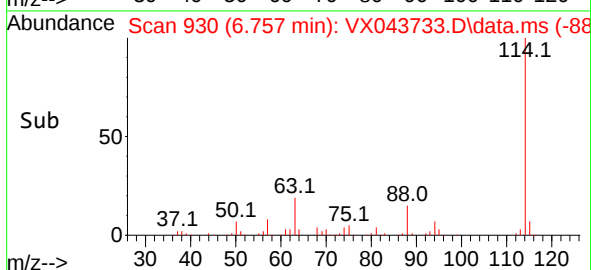
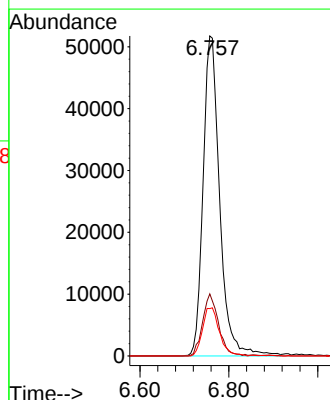
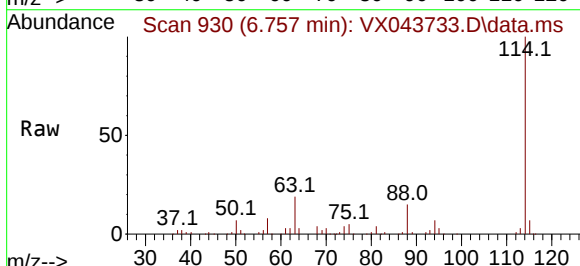
Tgt Ion: 114 Resp: 134619

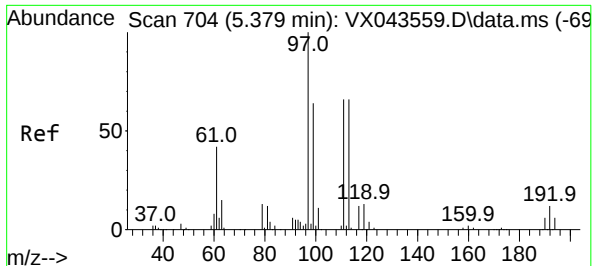
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.2

88 14.8 0.0 34.0





#35

Dibromofluoromethane

Concen: 43.685 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.000 min

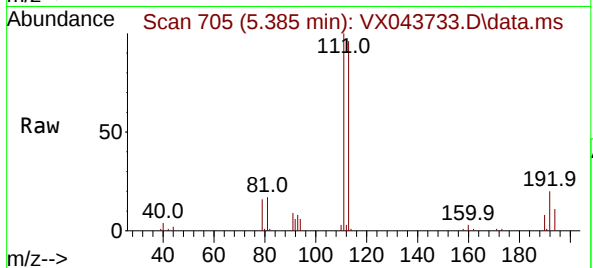
Lab File: VX043733.D

Acq: 07 Nov 2024 13:56

Instrument :

MSVOA_X

ClientSampleId :



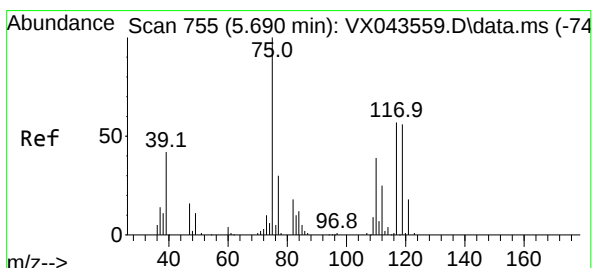
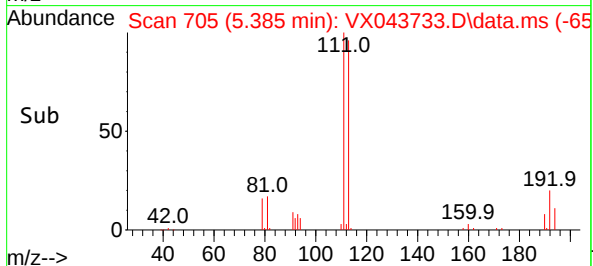
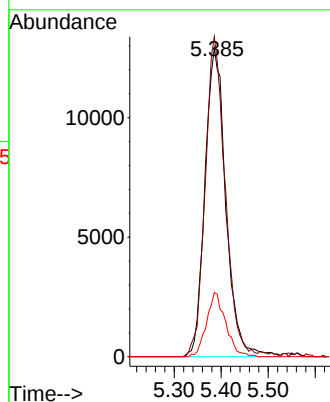
Tgt Ion:113 Resp: 39878

Ion Ratio Lower Upper

113 100

111 99.0 81.4 122.0

192 19.0 14.1 21.1



#36

1,1-Dichloropropene

Concen: 4.745 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX043733.D

Acq: 07 Nov 2024 13:56

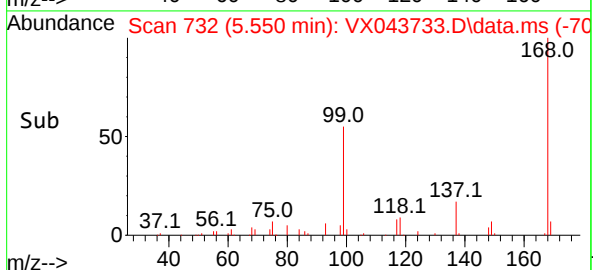
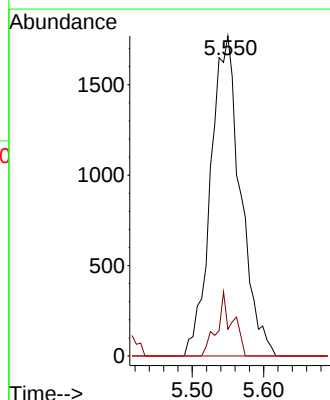
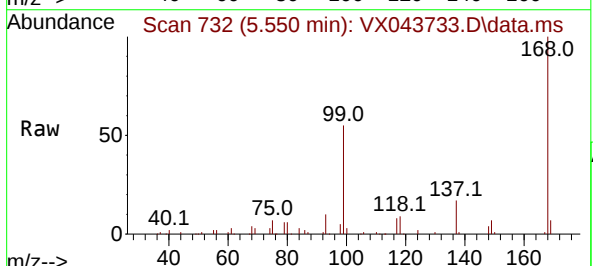
Tgt Ion: 75 Resp: 5136

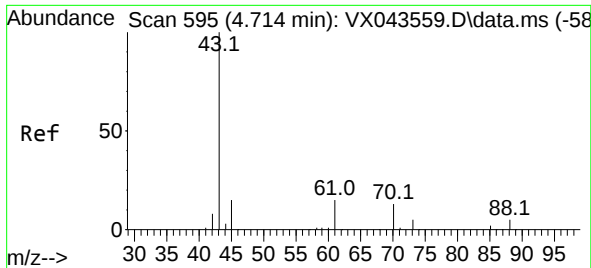
Ion Ratio Lower Upper

75 100

110 10.4 17.9 53.7#

77 0.0 25.0 37.4#

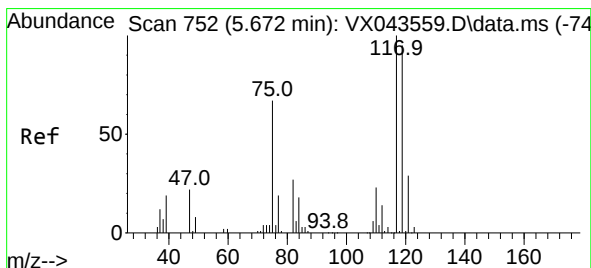
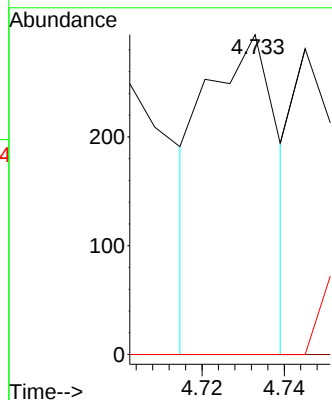
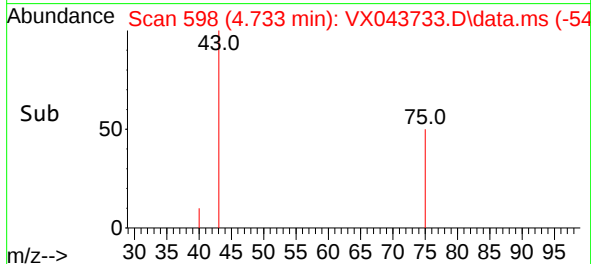
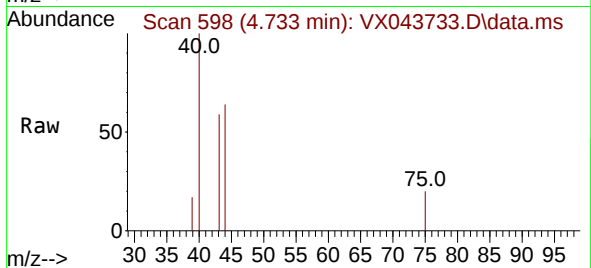




#37
Ethyl Acetate
Concen: 0.275 ug/l
RT: 4.733 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

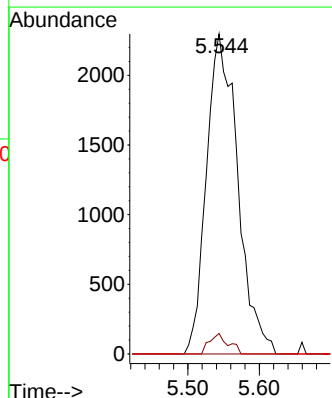
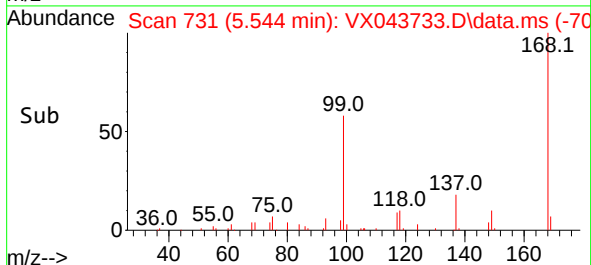
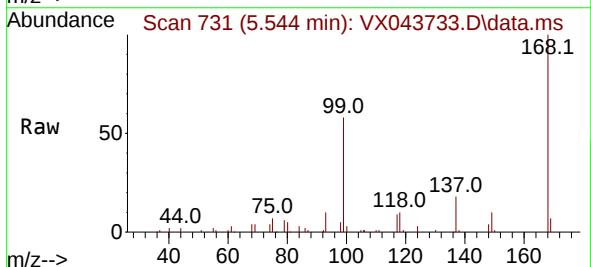
Instrument :
MSVOA_X
ClientSampleId :

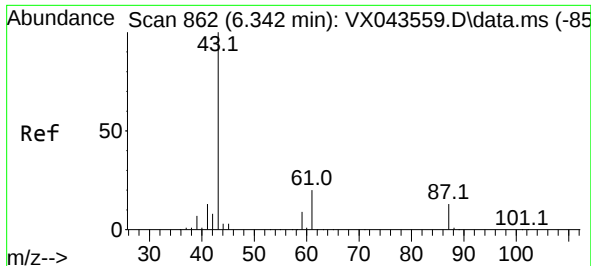
Tgt Ion: 43 Resp: 362
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.6#
70 7.2 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 5.829 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

Tgt Ion: 117 Resp: 6971
Ion Ratio Lower Upper
117 100
119 6.4 77.0 115.6#
121 0.0 24.7 37.1#

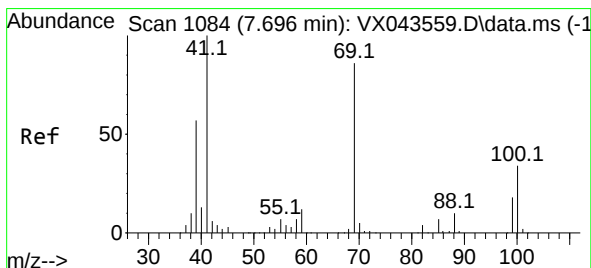
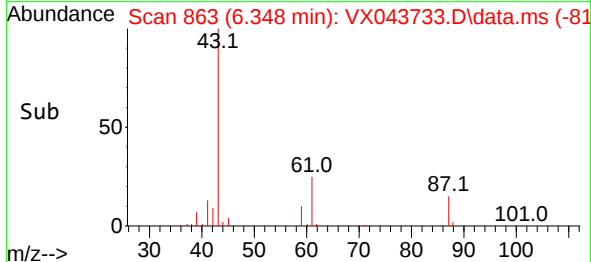
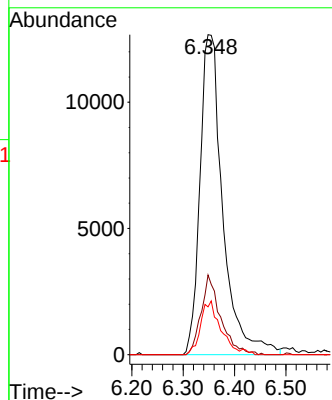
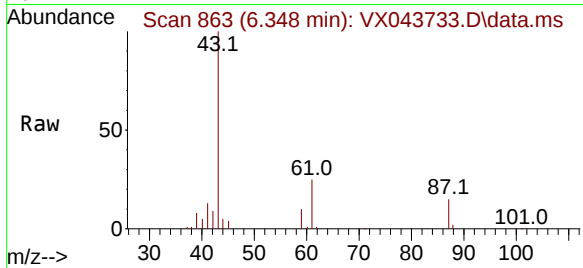




#43
Isopropyl Acetate
Concen: 17.991 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

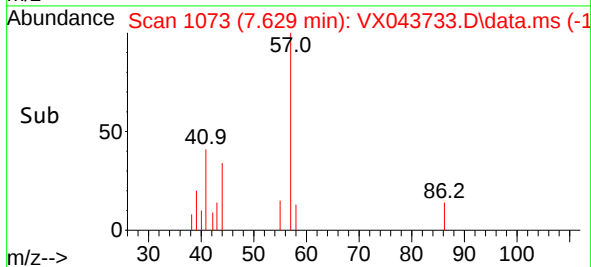
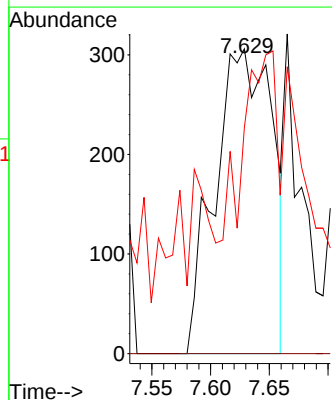
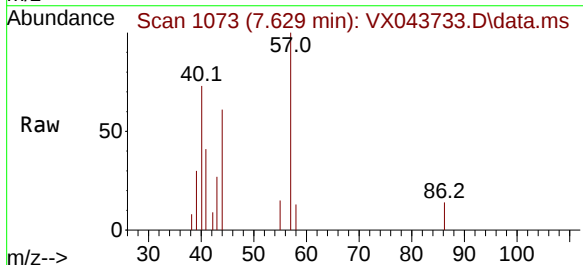
Instrument :
MSVOA_X
ClientSampleId :

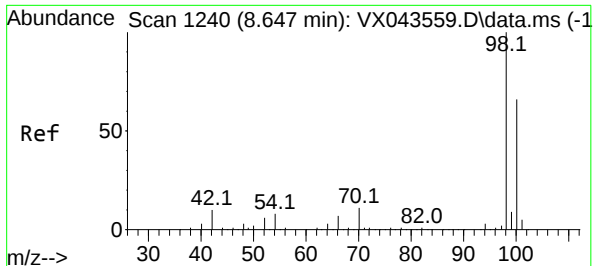
Tgt Ion: 43 Resp: 39098
Ion Ratio Lower Upper
43 100
61 21.3 16.2 24.4
87 15.1 11.0 16.6



#48
Methyl methacrylate
Concen: 1.012 ug/l
RT: 7.629 min Scan# 1073
Delta R.T. -0.067 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

Tgt Ion: 41 Resp: 1043
Ion Ratio Lower Upper
41 100
69 0.0 67.7 101.5#
39 0.0 46.3 69.5#

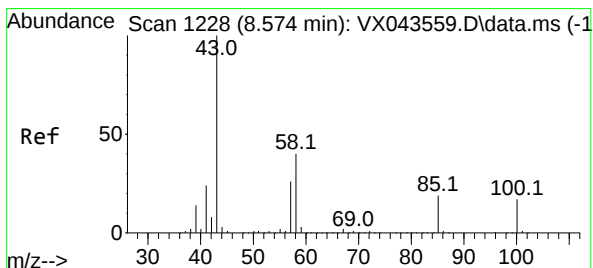
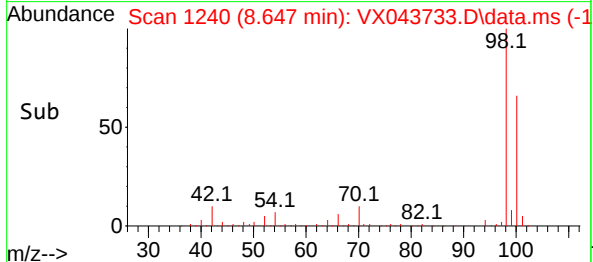
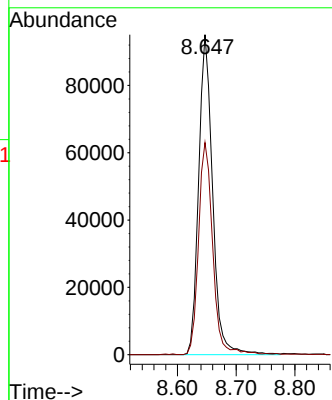
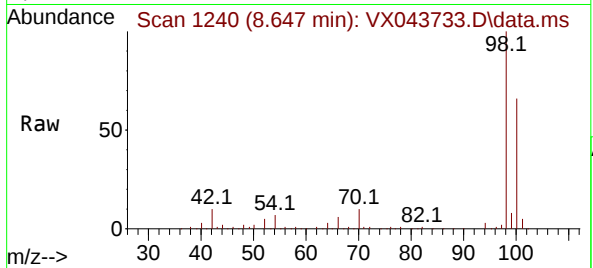




#50
Toluene-d8
Concen: 49.706 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

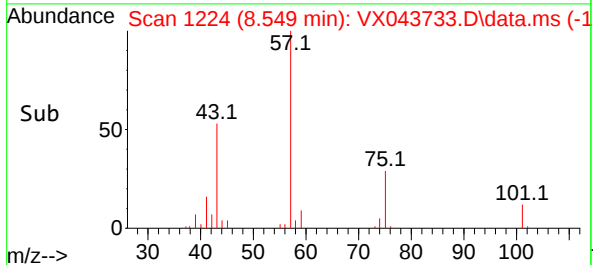
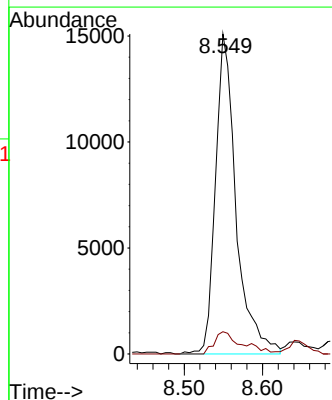
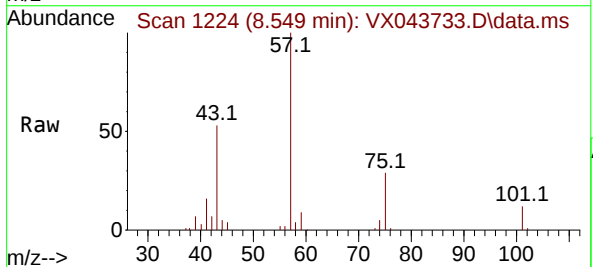
Instrument :
MSVOA_X
ClientSampleId :

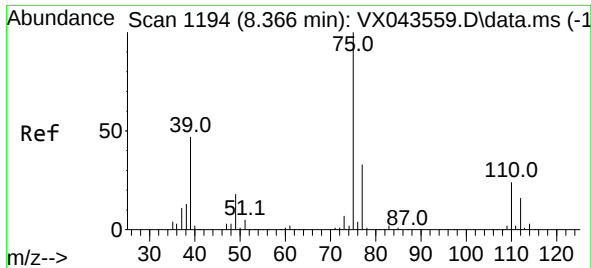
Tgt Ion: 98 Resp: 157069
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 20.838 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.030 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

Tgt Ion: 43 Resp: 27602
Ion Ratio Lower Upper
43 100
58 9.5 31.7 47.5#

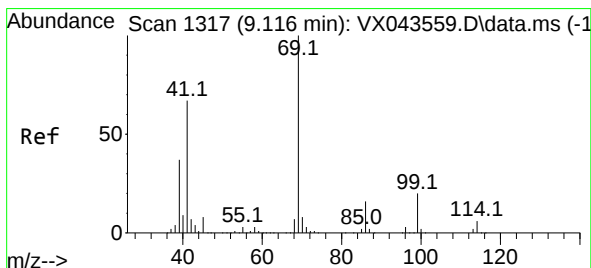
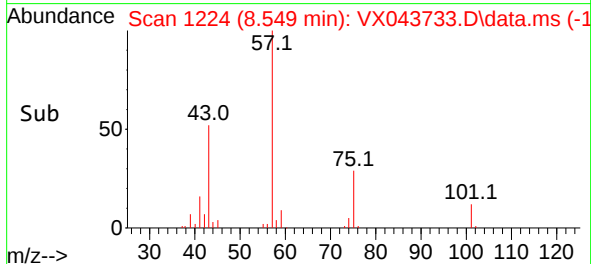
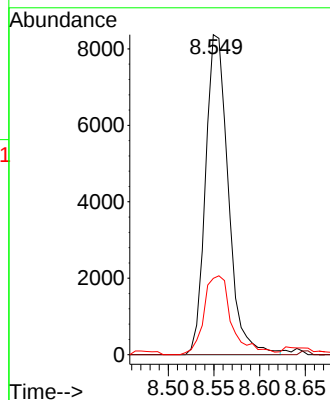
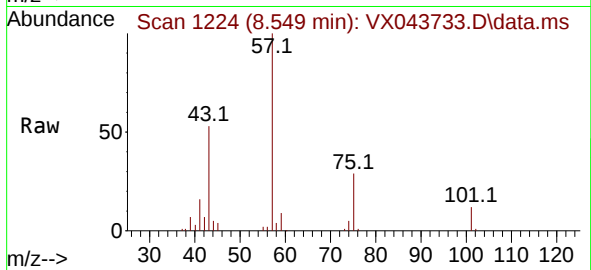




#54
 cis-1,3-Dichloropropene
 Concen: 10.562 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX043733.D
 Acq: 07 Nov 2024 13:56

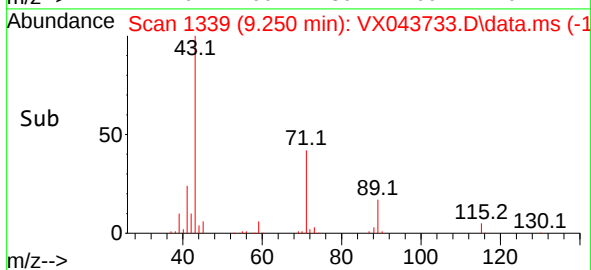
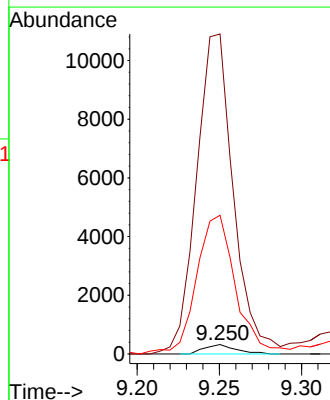
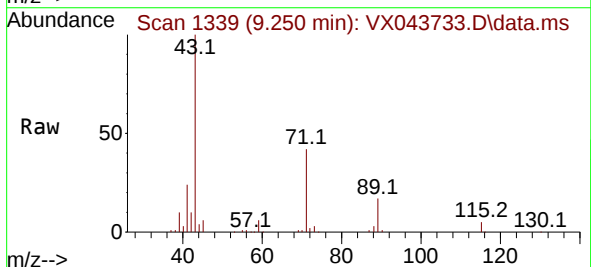
Instrument :
 MSVOA_X
 ClientSampleId :

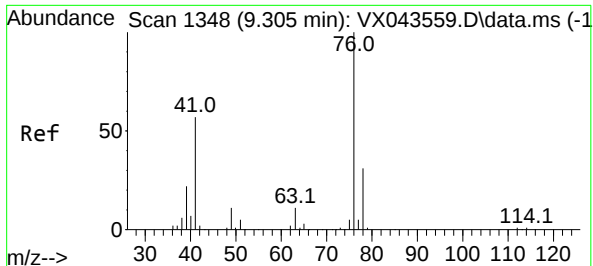
Tgt Ion: 75 Resp: 14517
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.8 37.2#
 39 23.8 37.7 56.5#



#56
 Ethyl methacrylate
 Concen: 0.288 ug/l
 RT: 9.250 min Scan# 1339
 Delta R.T. 0.134 min
 Lab File: VX043733.D
 Acq: 07 Nov 2024 13:56

Tgt Ion: 69 Resp: 426
 Ion Ratio Lower Upper
 69 100
 41 3988.3 53.8 80.8#
 39 1836.9 29.9 44.9#





#57

1,3-Dichloropropane

Concen: 1.067 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.177 min

Lab File: VX043733.D

Acq: 07 Nov 2024 13:56

Instrument :

MSVOA_X

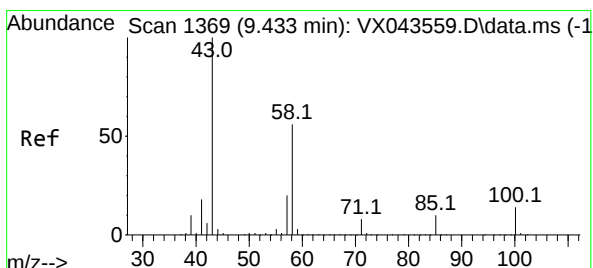
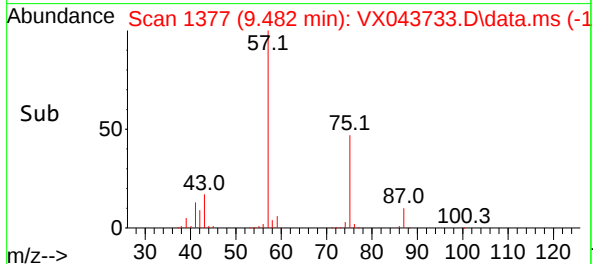
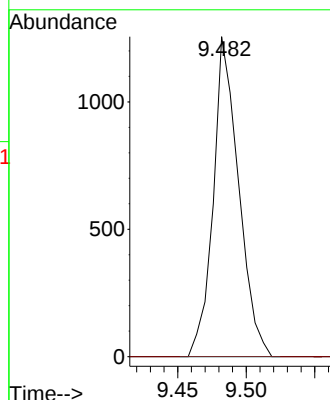
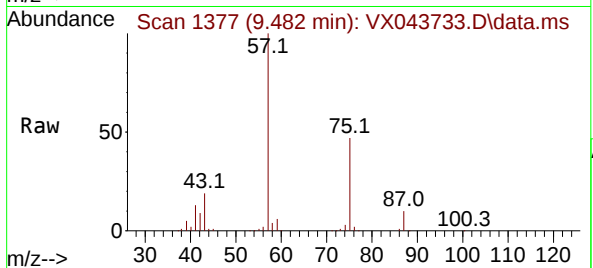
ClientSampleId :

Tgt Ion: 76 Resp: 1617

Ion Ratio Lower Upper

76 100

78 0.0 25.9 38.9#



#59

2-Hexanone

Concen: 20.495 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX043733.D

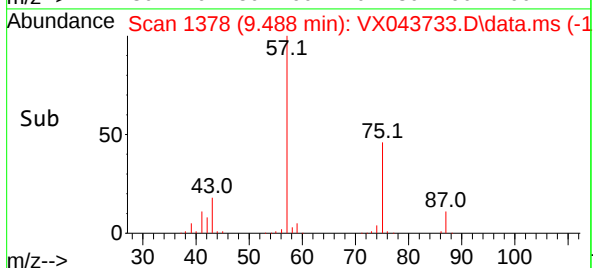
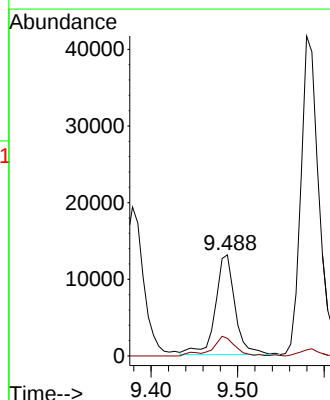
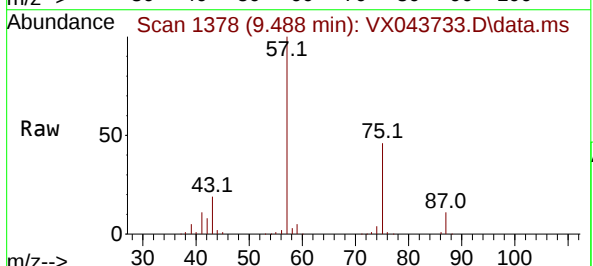
Acq: 07 Nov 2024 13:56

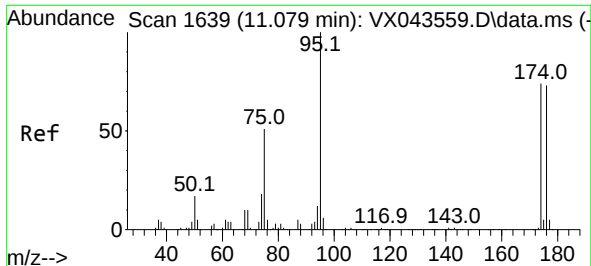
Tgt Ion: 43 Resp: 20618

Ion Ratio Lower Upper

43 100

58 23.1 27.5 82.5#

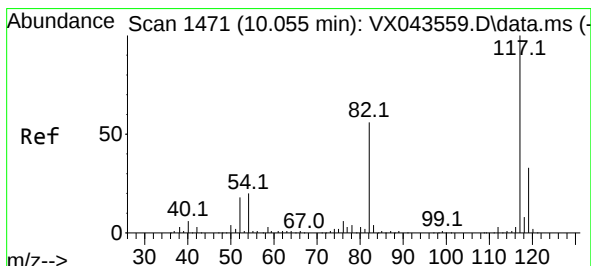
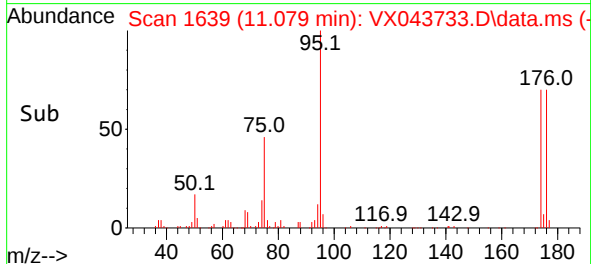
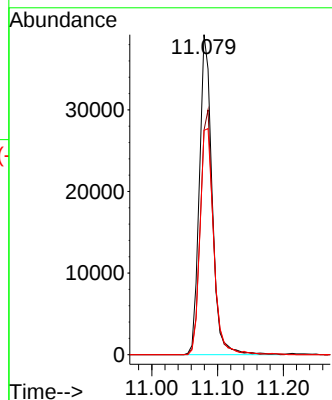
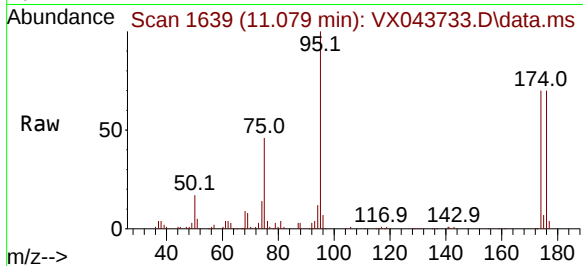




#62
4-Bromofluorobenzene
Concen: 45.017 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

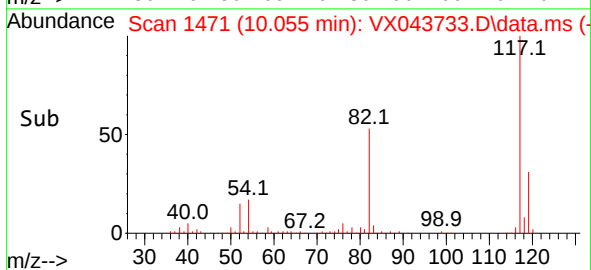
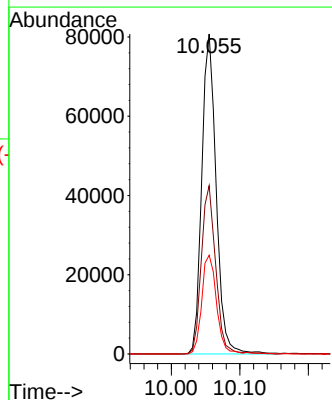
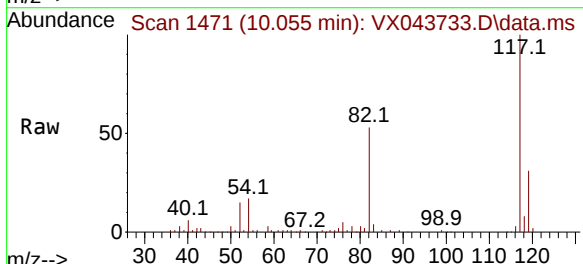
Instrument :
MSVOA_X
ClientSampleId :

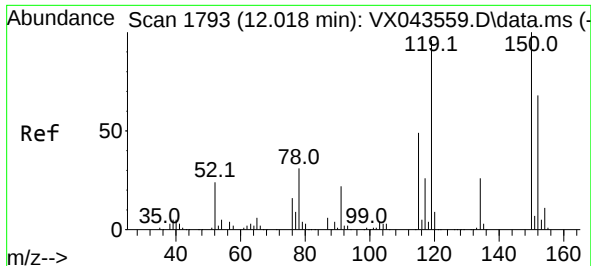
Tgt Ion: 95 Resp: 52711
Ion Ratio Lower Upper
95 100
174 78.2 0.0 146.6
176 76.4 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

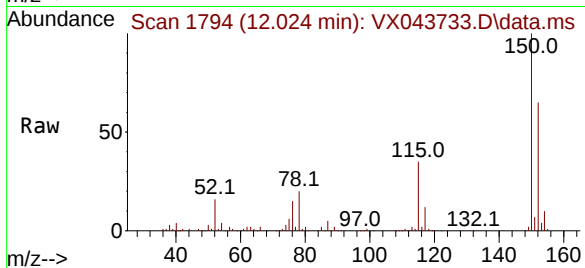
Tgt Ion: 117 Resp: 118244
Ion Ratio Lower Upper
117 100
82 52.6 42.1 63.1
119 30.9 25.4 38.2



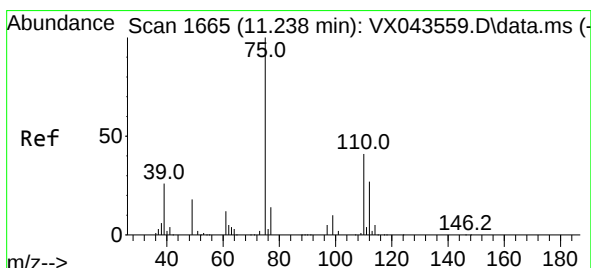
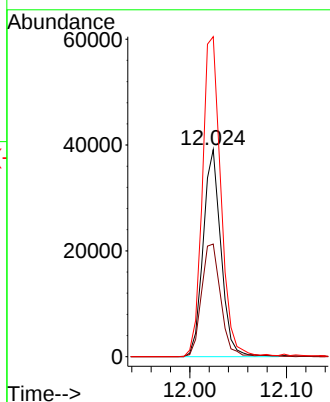
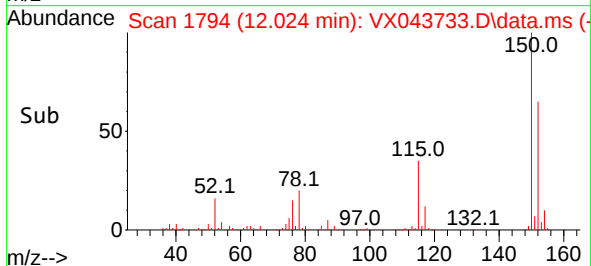


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

Instrument :
MSVOA_X
ClientSampleId :

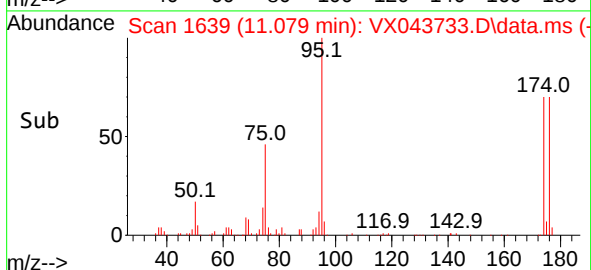
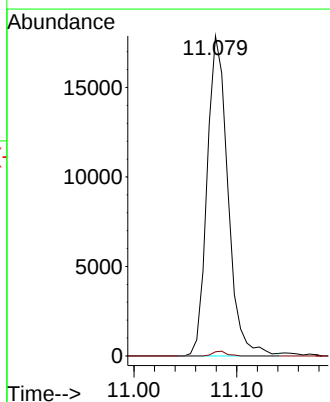
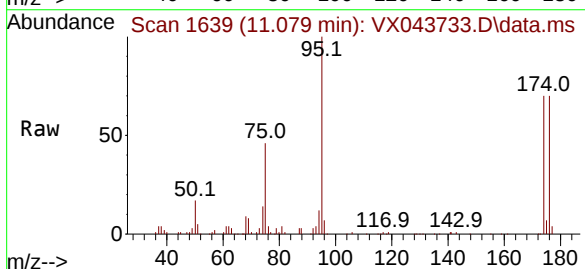


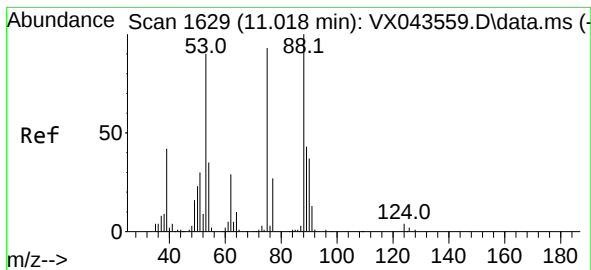
Tgt Ion:152 Resp: 50308
Ion Ratio Lower Upper
152 100
115 58.9 42.9 128.7
150 160.7 0.0 343.6



#76
1,2,3-Trichloropropane
Concen: 23.367 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

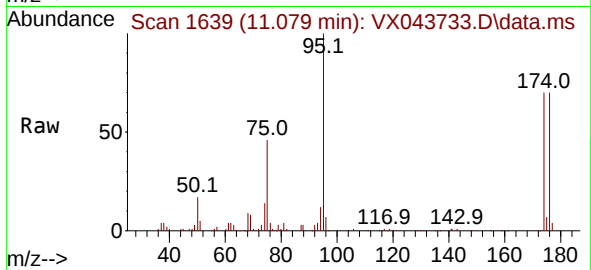
Tgt Ion: 75 Resp: 25135
Ion Ratio Lower Upper
75 100
77 1.0 22.4 67.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.284 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043733.D
Acq: 07 Nov 2024 13:56

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 25135
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#

