

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110724\
 Data File : VX043732.D
 Acq On : 07 Nov 2024 13:33
 Operator : JC/MD
 Sample : PB164695TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 08 04:06:59 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)

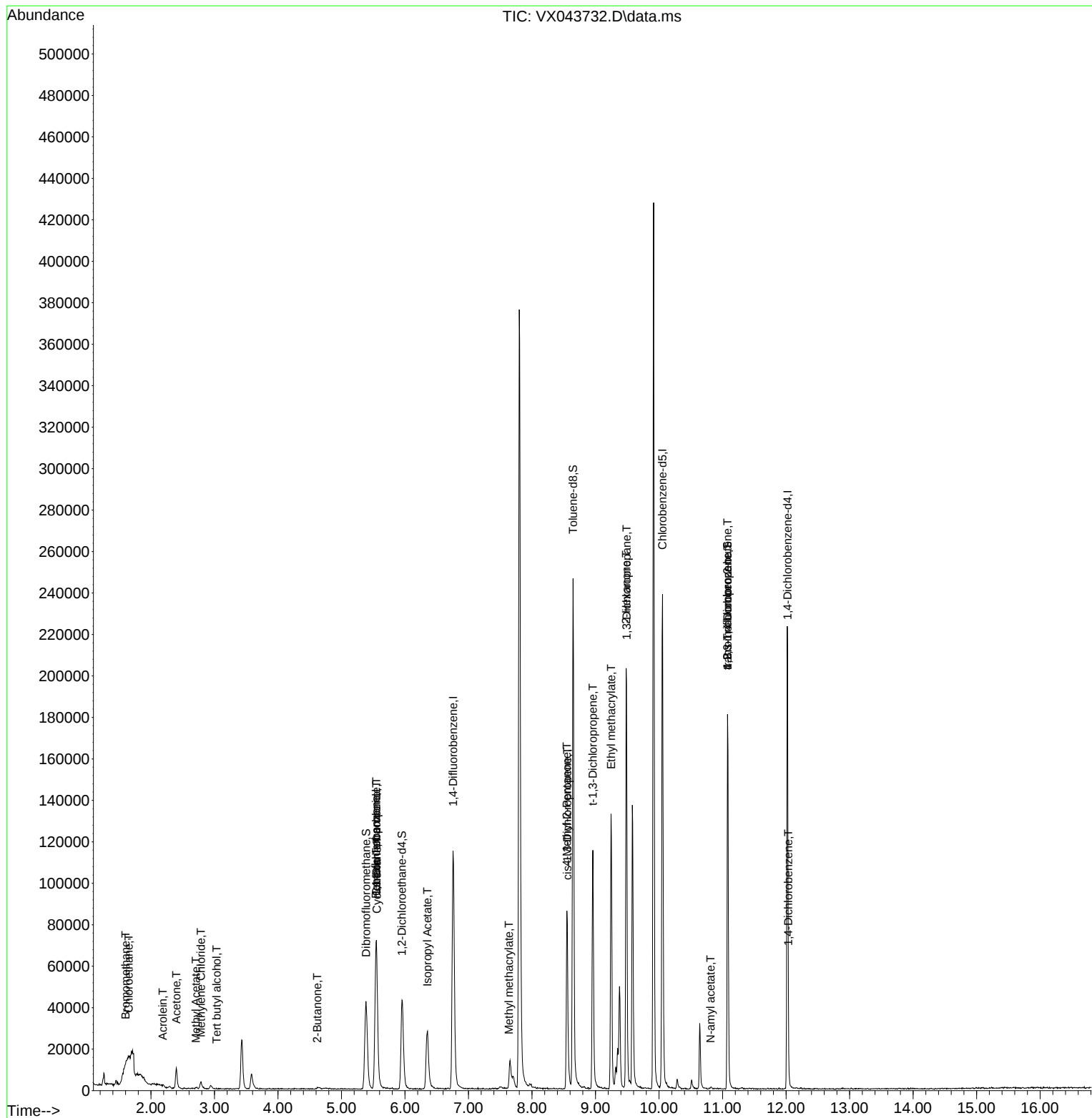
Internal Standards						
1) Pentafluorobenzene	5.544	168	73611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130286	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	42900	36.550	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	73.100%#		
35) Dibromofluoromethane	5.385	113	39125	44.286	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.580%		
50) Toluene-d8	8.647	98	154736	50.597	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.200%		
62) 4-Bromofluorobenzene	11.079	95	51966	45.856	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.720%		
Target Compounds					Qvalue	
5) Bromomethane	1.599	94	145	0.381	ug/l #	59
6) Chloroethane	1.648	64	221	0.672	ug/l #	1
11) Tert butyl alcohol	3.032	59	75	0.342	ug/l #	100
13) Acrolein	2.184	56	70	0.409	ug/l #	59
16) Acetone	2.398	43	11984	25.711	ug/l	95
18) Methyl Acetate	2.709	43	1052	0.772	ug/l	95
20) Methylene Chloride	2.788	84	2152	2.142	ug/l #	80
25) 2-Butanone	4.617	43	883	1.299	ug/l	99
31) Cyclohexane	5.556	56	1306	1.054	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	5513	5.263	ug/l #	50
38) Carbon Tetrachloride	5.550	117	6991	6.040	ug/l #	16
43) Isopropyl Acetate	6.354	43	44573	21.192	ug/l	97
48) Methyl methacrylate	7.635	41	1310	1.314	ug/l #	35
51) 4-Methyl-2-Pentanone	8.549	43	32220	25.134	ug/l #	47
53) t-1,3-Dichloropropene	8.958	75	281	0.225	ug/l #	42
54) cis-1,3-Dichloropropene	8.555	75	17024	12.798	ug/l #	58
56) Ethyl methacrylate	9.244	69	493	0.344	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	2278	1.553	ug/l #	42
59) 2-Hexanone	9.482	43	25217	25.900	ug/l #	52
74) N-amyl acetate	10.811	43	504	0.295	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	24803	23.440	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	24803	64.485	ug/l #	7
88) 1,4-Dichlorobenzene	12.036	146	359	0.214	ug/l #	55

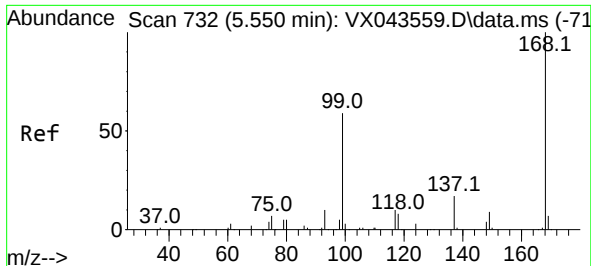
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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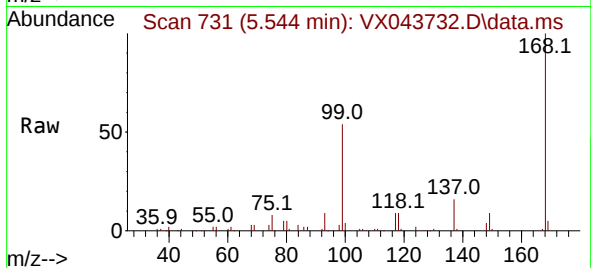
Quant Time: Nov 08 04:06:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
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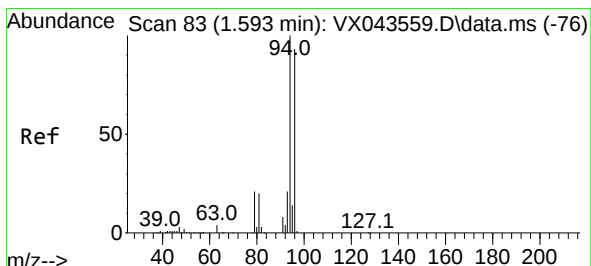
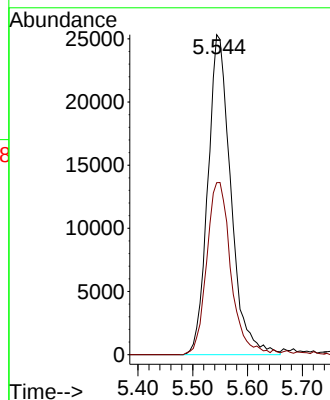
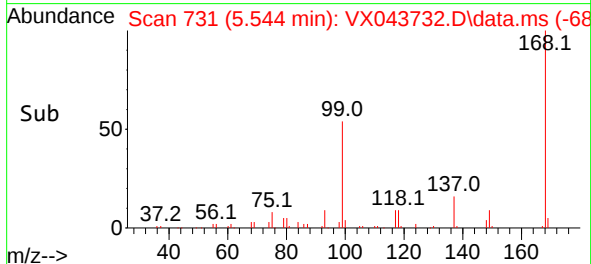


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

Instrument :
MSVOA_X
ClientSampleId :

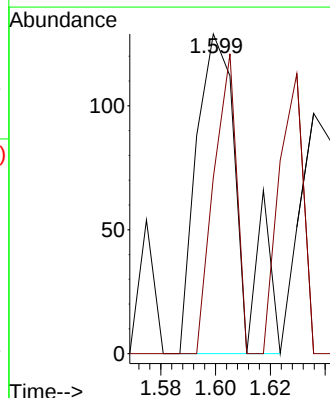
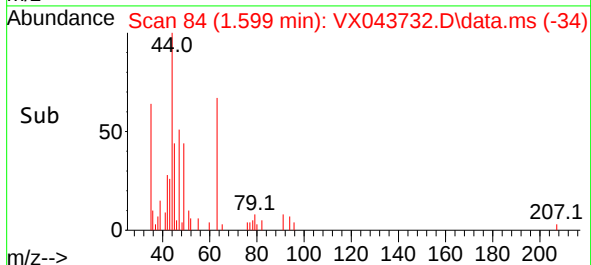
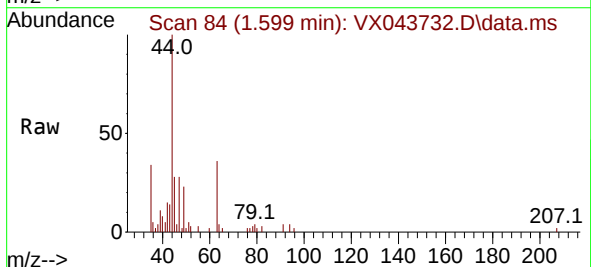


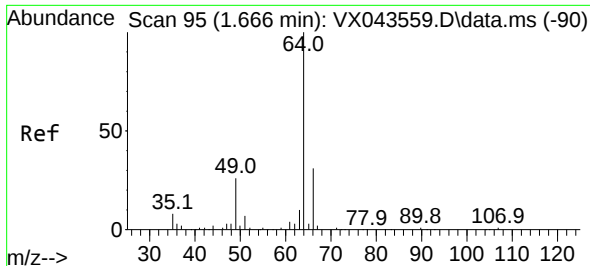
Tgt Ion:168 Resp: 73611
Ion Ratio Lower Upper
168 100
99 53.7 52.6 78.8



#5
Bromomethane
Concen: 0.381 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

Tgt Ion: 94 Resp: 145
Ion Ratio Lower Upper
94 100
96 55.0 75.9 113.9#

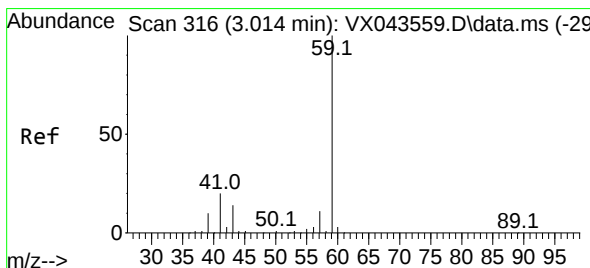
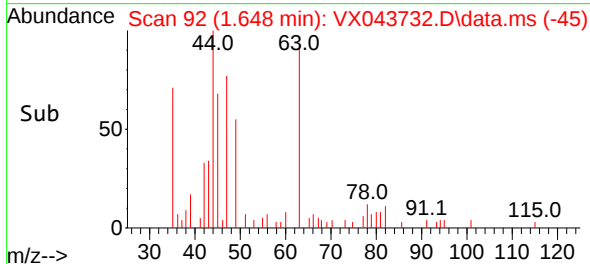
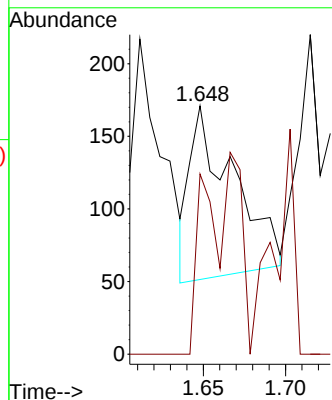
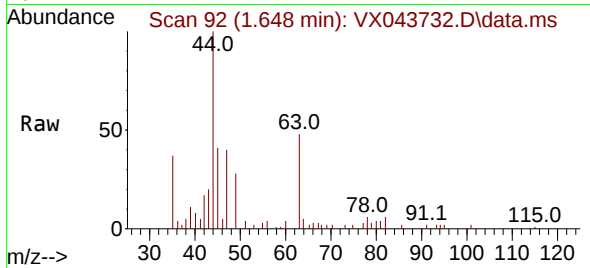




#6
Chloroethane
Concen: 0.672 ug/l
RT: 1.648 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

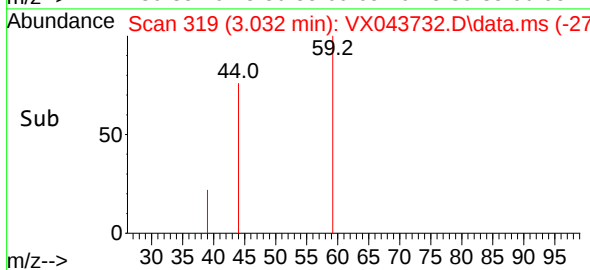
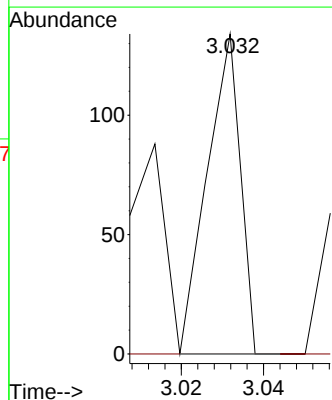
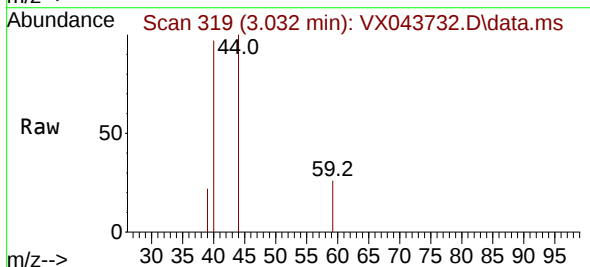
Instrument :
MSVOA_X
ClientSampleId :

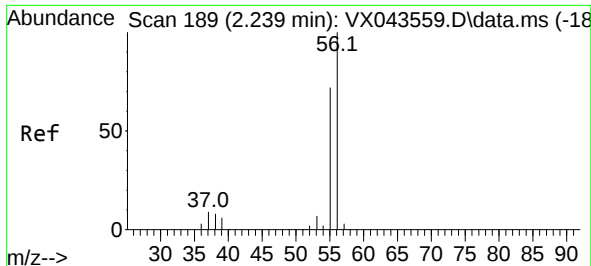
Tgt Ion: 64 Resp: 221
Ion Ratio Lower Upper
64 100
66 120.4 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.342 ug/l
RT: 3.032 min Scan# 319
Delta R.T. -0.018 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

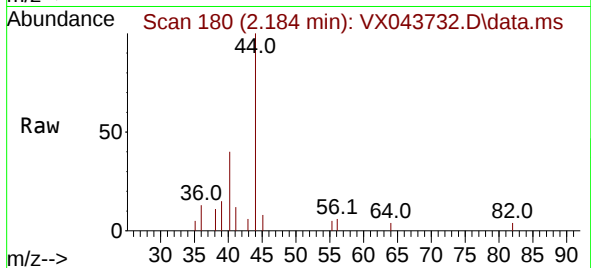
Tgt Ion: 59 Resp: 75
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



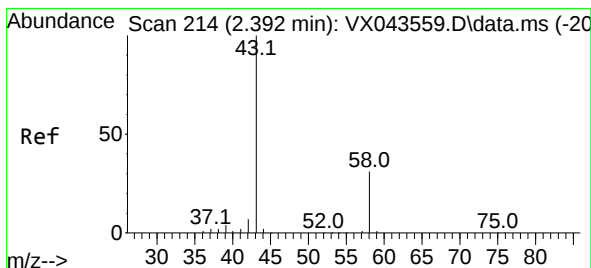
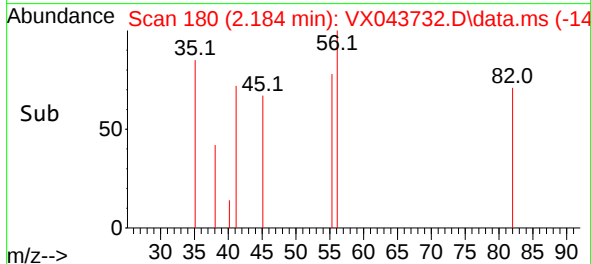
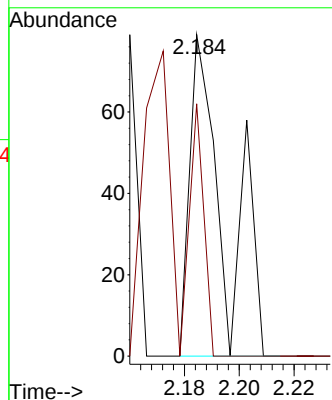


#13
Acrolein
Concen: 0.409 ug/l
RT: 2.184 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

Instrument :
MSVOA_X
ClientSampleId :

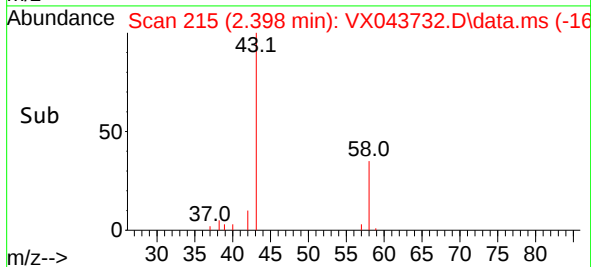
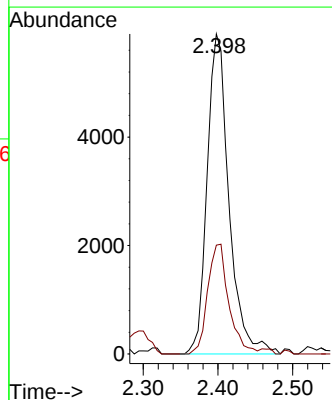
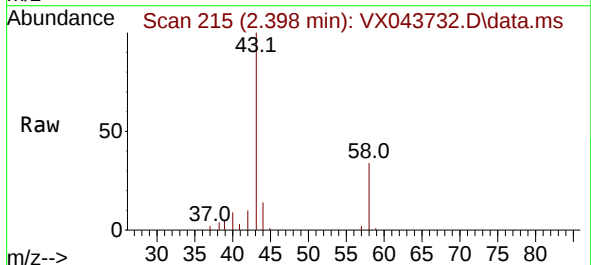


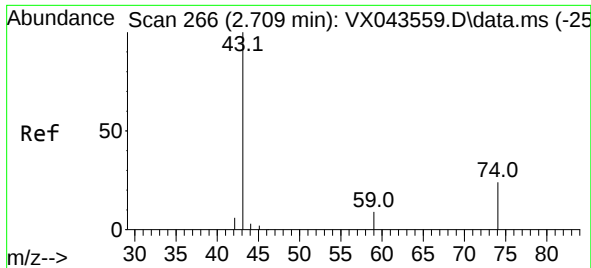
Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 102.9 55.3 82.9#



#16
Acetone
Concen: 25.711 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

Tgt Ion: 43 Resp: 11984
Ion Ratio Lower Upper
43 100
58 34.0 25.1 37.7

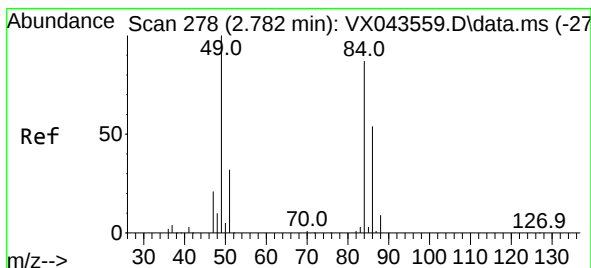
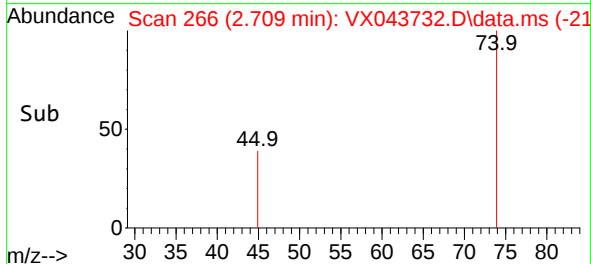
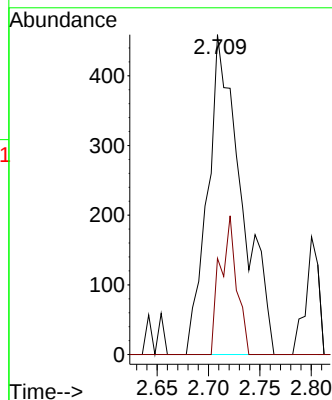
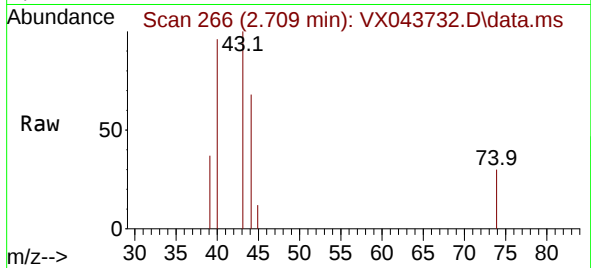




#18
Methyl Acetate
Concen: 0.772 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

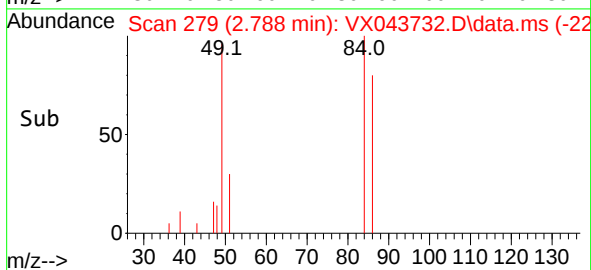
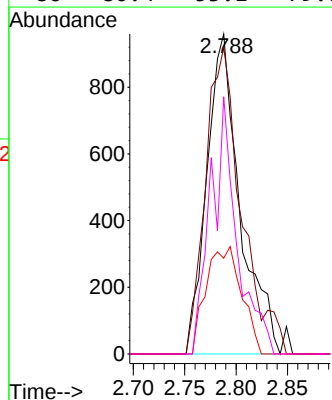
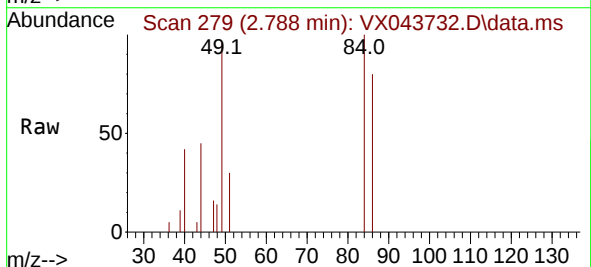
Instrument :
MSVOA_X
ClientSampleId :

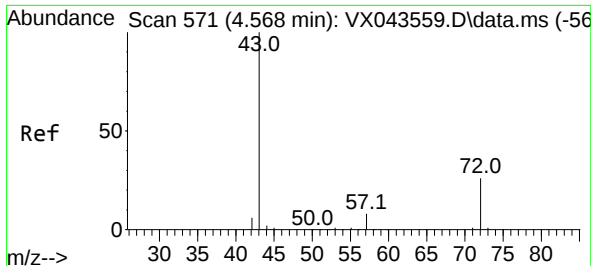
Tgt Ion: 43 Resp: 1052
Ion Ratio Lower Upper
43 100
74 21.2 19.1 28.7



#20
Methylene Chloride
Concen: 2.142 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

Tgt Ion: 84 Resp: 2152
Ion Ratio Lower Upper
84 100
49 95.8 97.0 145.6#
51 29.9 29.8 44.8
86 80.4 53.1 79.7#

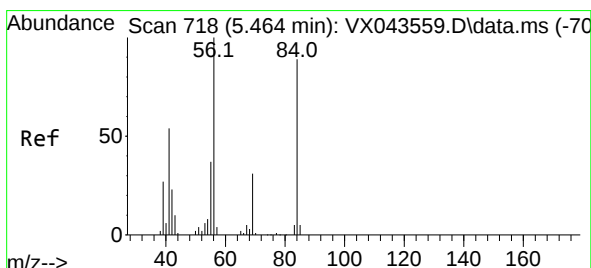
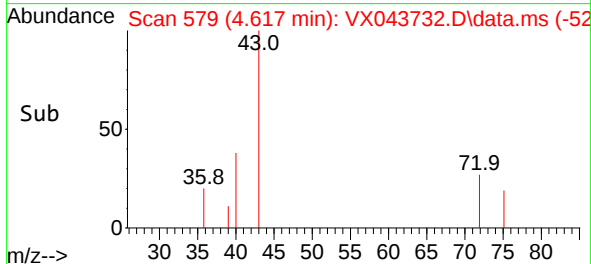
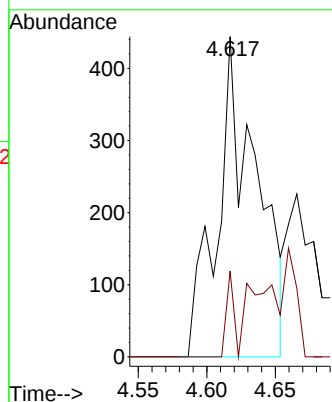
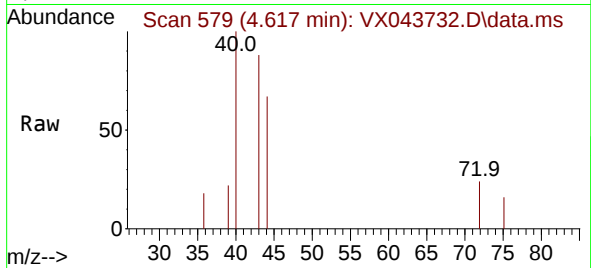




#25
2-Butanone
Concen: 1.299 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

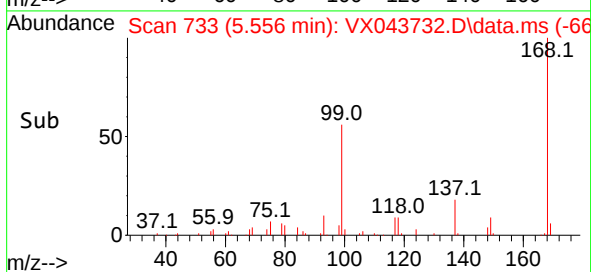
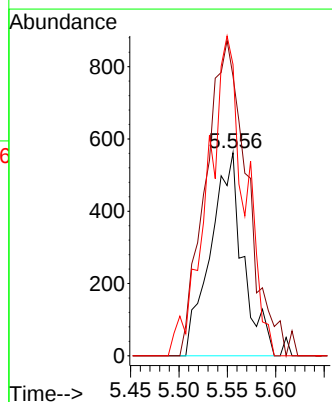
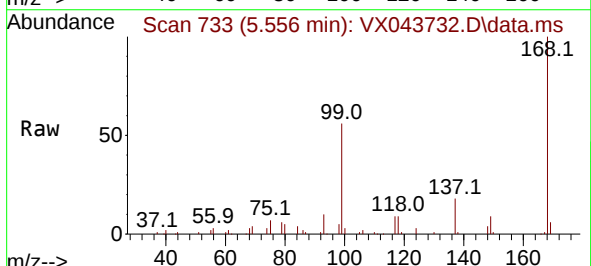
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MSVOA_X
ClientSampleId :

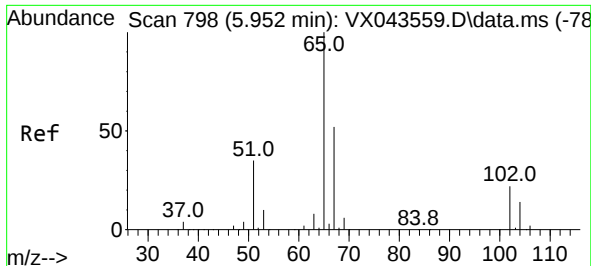
Tgt Ion: 43 Resp: 883
Ion Ratio Lower Upper
43 100
72 26.8 21.1 31.7



#31
Cyclohexane
Concen: 1.054 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.098 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

Tgt Ion: 56 Resp: 1306
Ion Ratio Lower Upper
56 100
69 137.7 24.9 37.3#
84 143.4 73.3 109.9#





#33

1,2-Dichloroethane-d4

Concen: 36.550 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043732.D

Acq: 07 Nov 2024 13:33

Instrument :

MSVOA_X

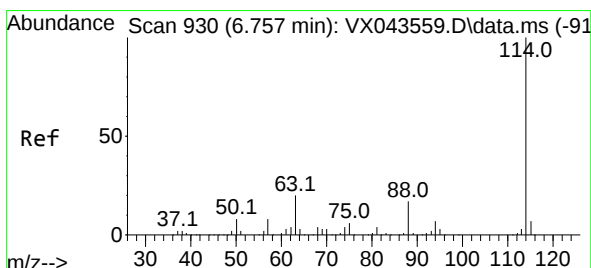
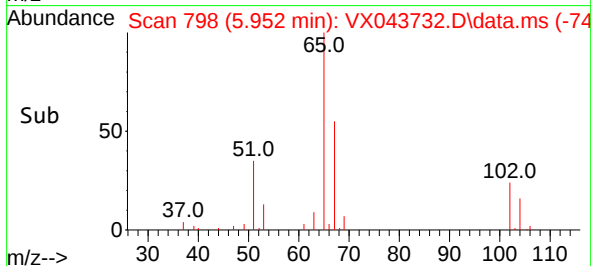
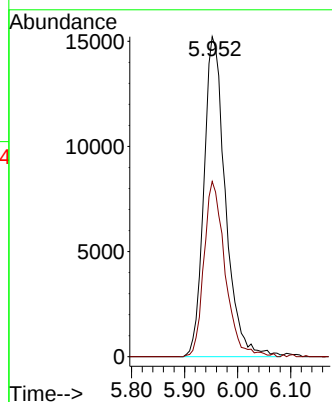
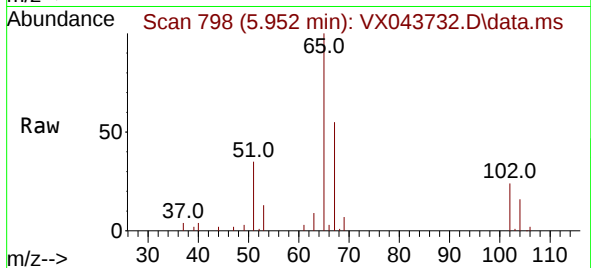
ClientSampleId :

Tgt Ion: 65 Resp: 42900

Ion Ratio Lower Upper

65 100

67 53.7 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: VX043732.D

Acq: 07 Nov 2024 13:33

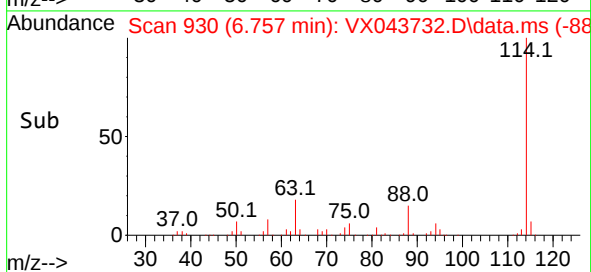
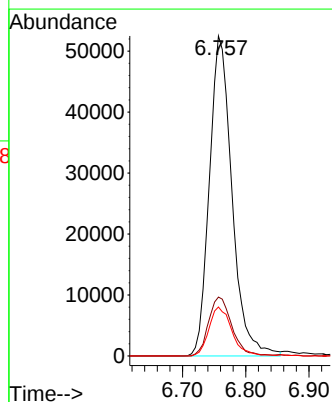
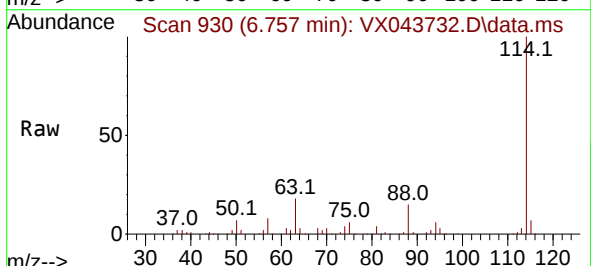
Tgt Ion: 114 Resp: 130286

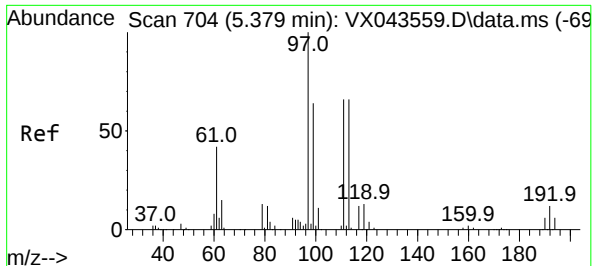
Ion Ratio Lower Upper

114 100

63 18.4 0.0 41.2

88 15.3 0.0 34.0





#35

Dibromofluoromethane

Concen: 44.286 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.000 min

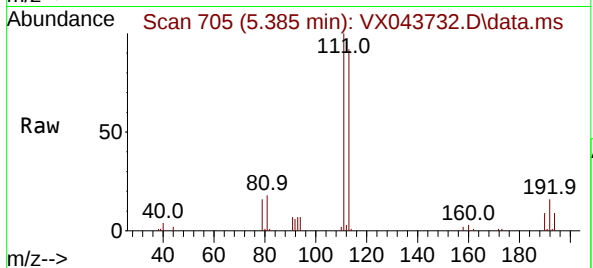
Lab File: VX043732.D

Acq: 07 Nov 2024 13:33

Instrument :

MSVOA_X

ClientSampleId :



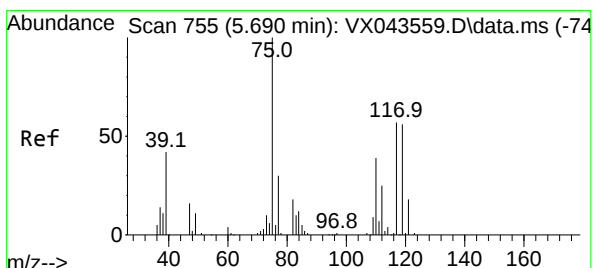
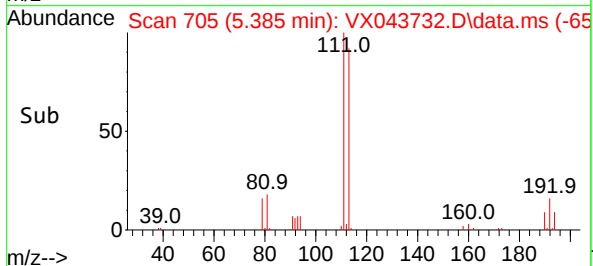
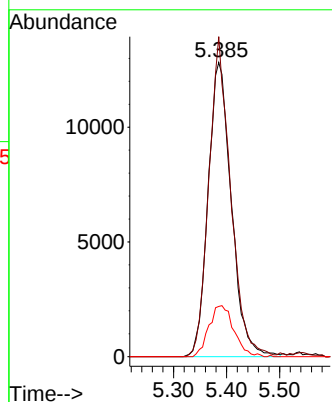
Tgt Ion:113 Resp: 39125

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 18.6 14.1 21.1



#36

1,1-Dichloropropene

Concen: 5.263 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX043732.D

Acq: 07 Nov 2024 13:33

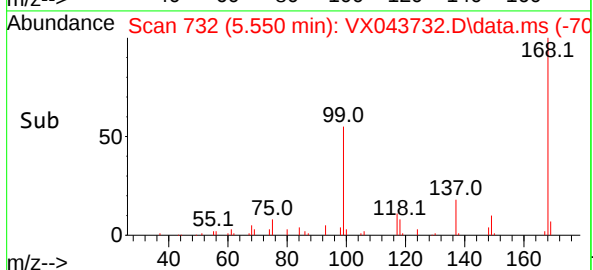
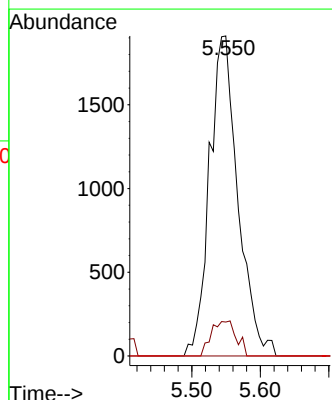
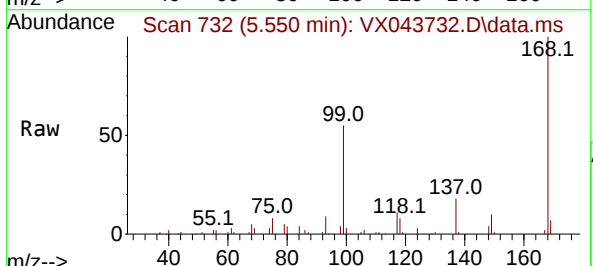
Tgt Ion: 75 Resp: 5513

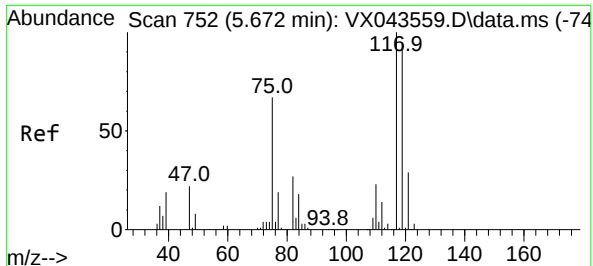
Ion Ratio Lower Upper

75 100

110 9.6 17.9 53.7#

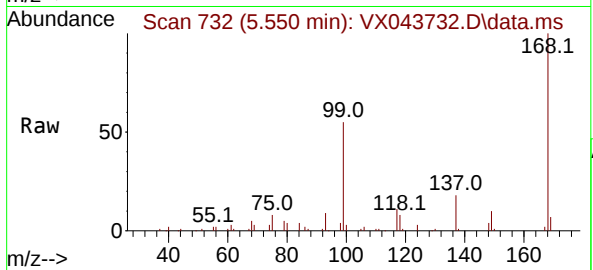
77 0.0 25.0 37.4#



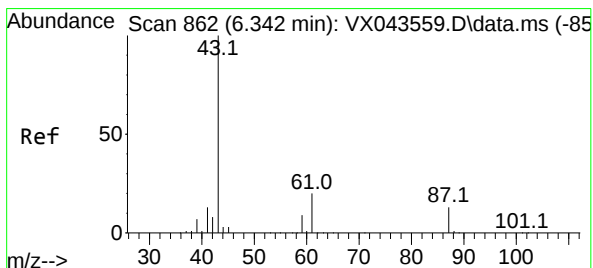
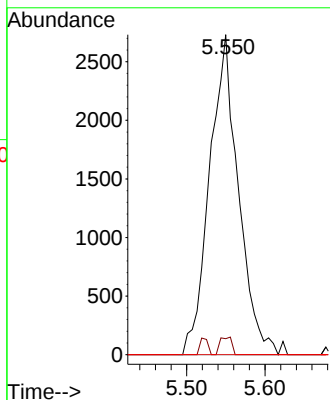
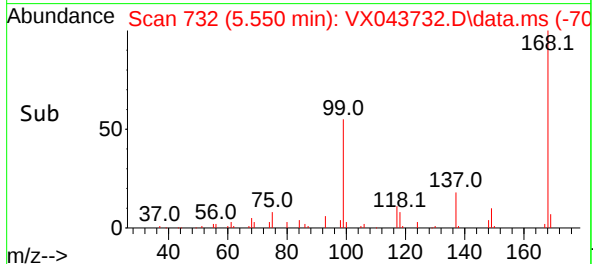


#38
Carbon Tetrachloride
Concen: 6.040 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

Instrument :
MSVOA_X
ClientSampleId :

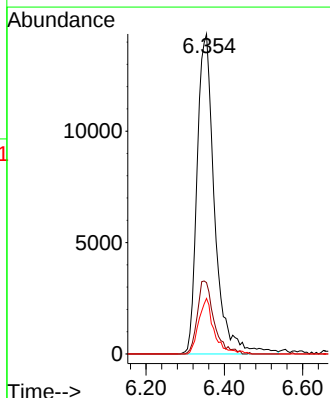
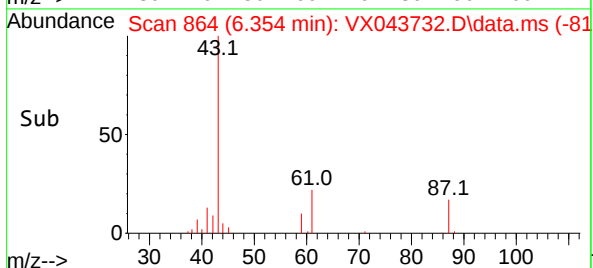
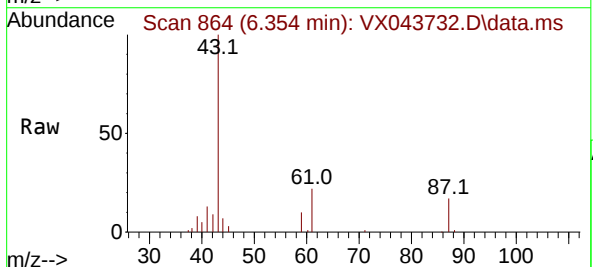


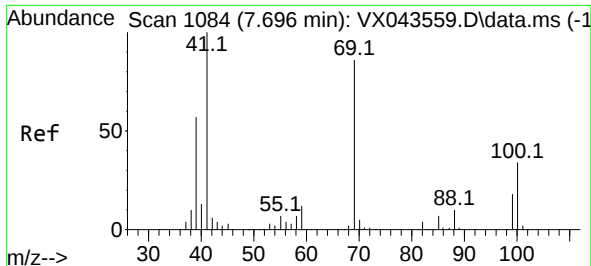
Tgt Ion:117 Resp: 6991
Ion Ratio Lower Upper
117 100
119 5.0 77.0 115.6#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 21.192 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

Tgt Ion: 43 Resp: 44573
Ion Ratio Lower Upper
43 100
61 21.7 16.2 24.4
87 14.9 11.0 16.6





#48

Methyl methacrylate

Concen: 1.314 ug/l

RT: 7.635 min Scan# 1074

Delta R.T. -0.061 min

Lab File: VX043732.D

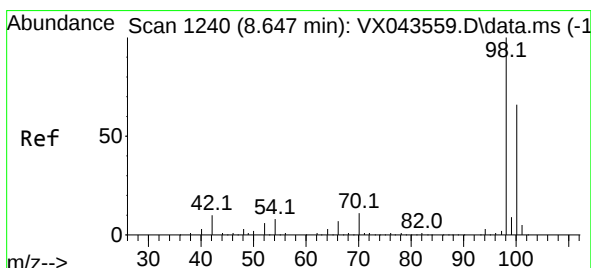
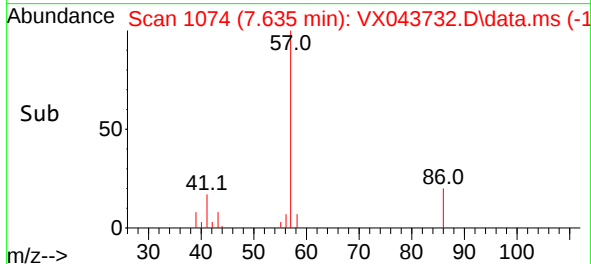
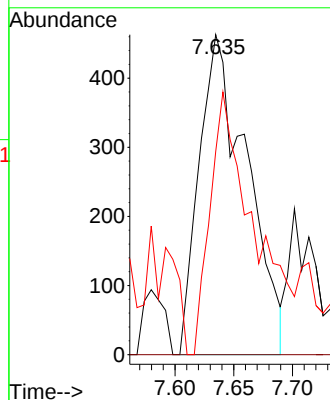
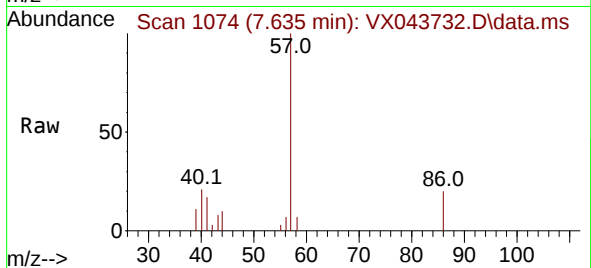
Acq: 07 Nov 2024 13:33

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	41	Resp:	1310
Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.7	101.5#
39	75.9	46.3	69.5#



#50

Toluene-d8

Concen: 50.597 ug/l

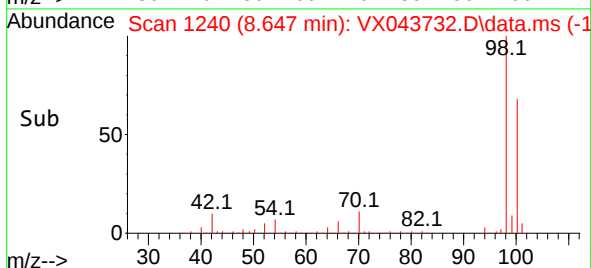
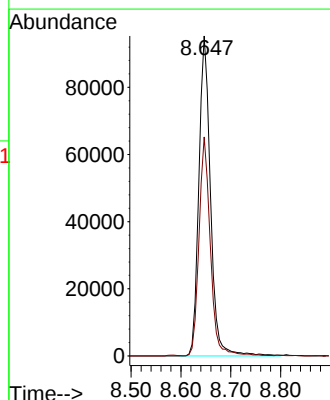
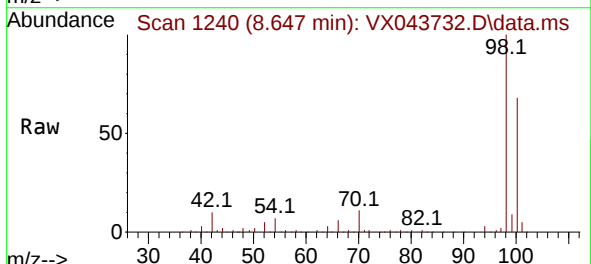
RT: 8.647 min Scan# 1240

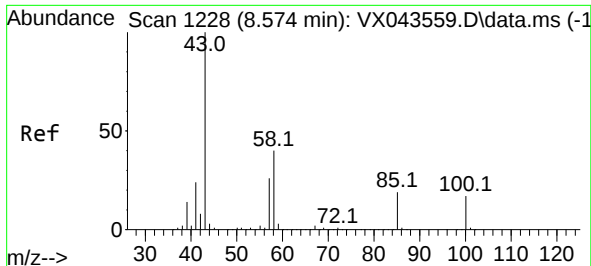
Delta R.T. 0.000 min

Lab File: VX043732.D

Acq: 07 Nov 2024 13:33

Tgt Ion:	98	Resp:	154736
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 25.134 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.030 min

Lab File: VX043732.D

Acq: 07 Nov 2024 13:33

Instrument :

MSVOA_X

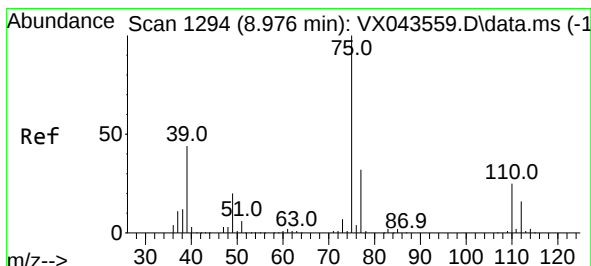
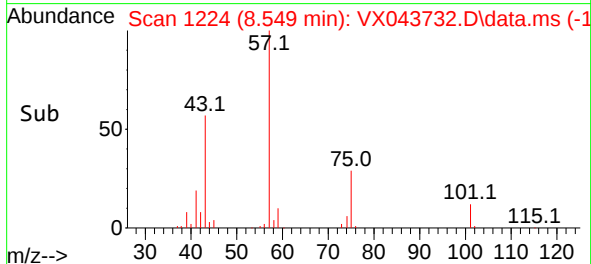
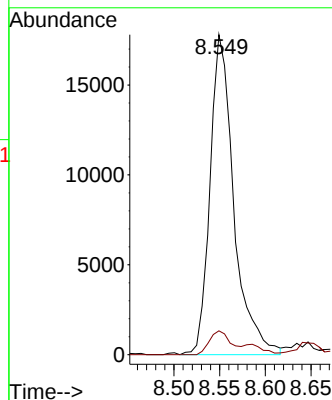
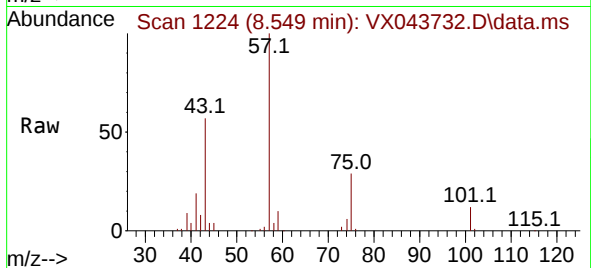
ClientSampleId :

Tgt Ion: 43 Resp: 32220

Ion Ratio Lower Upper

43 100

58 6.8 31.7 47.5#



#53

t-1,3-Dichloropropene

Concen: 0.225 ug/l

RT: 8.958 min Scan# 1291

Delta R.T. -0.018 min

Lab File: VX043732.D

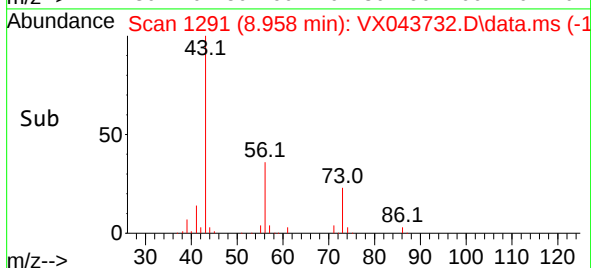
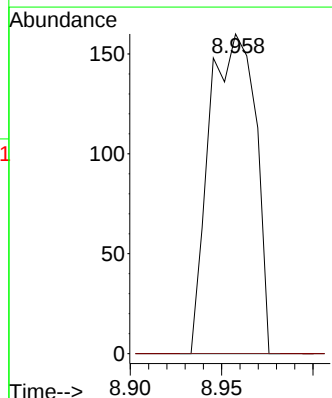
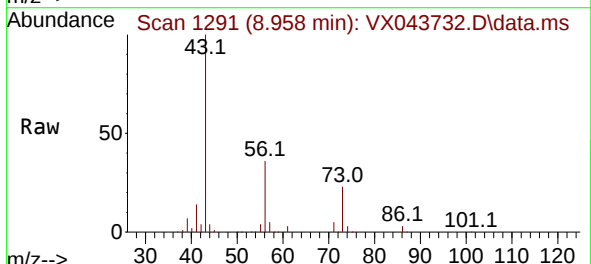
Acq: 07 Nov 2024 13:33

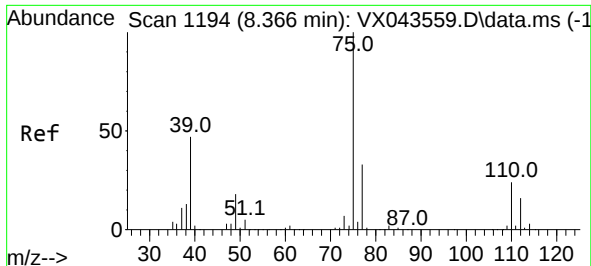
Tgt Ion: 75 Resp: 281

Ion Ratio Lower Upper

75 100

77 0.0 26.0 39.0#

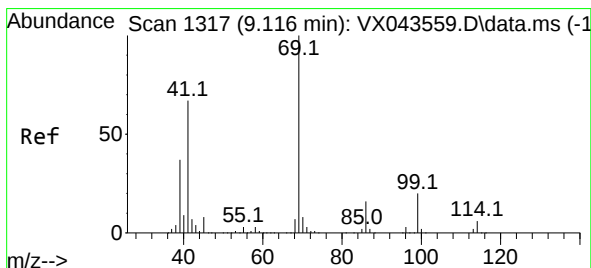
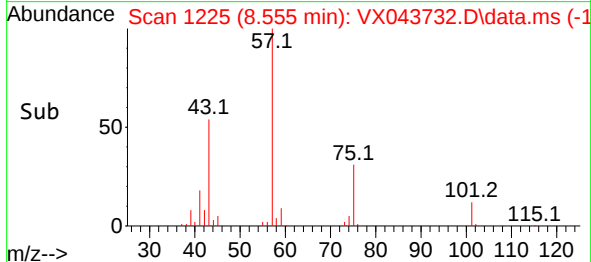
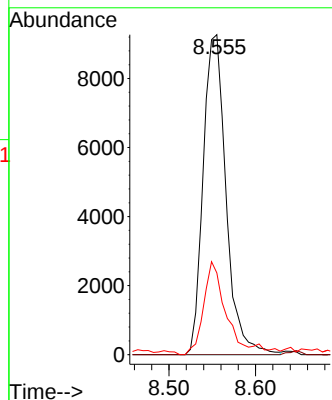
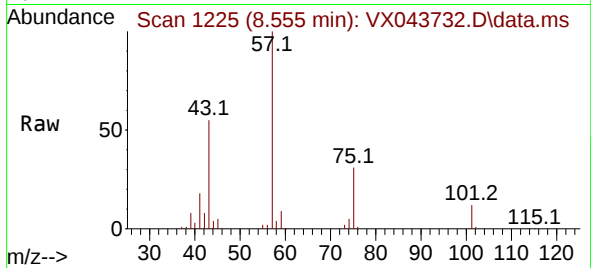




#54
cis-1,3-Dichloropropene
Concen: 12.798 ug/l
RT: 8.555 min Scan# 1194
Delta R.T. 0.189 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

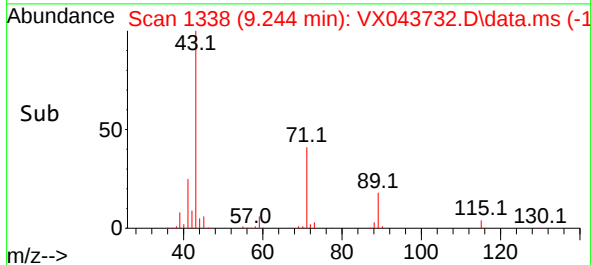
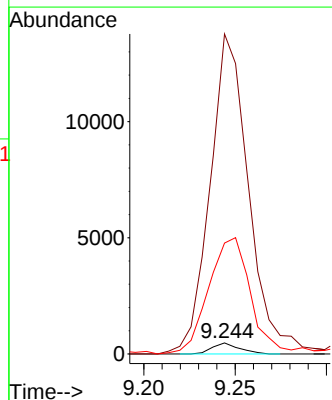
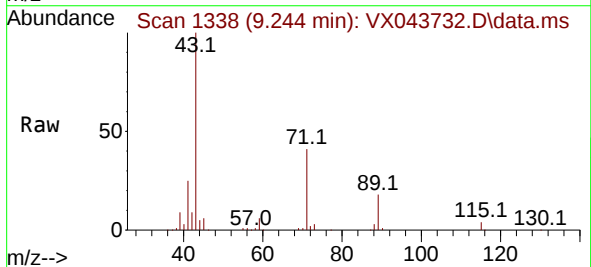
Instrument :
MSVOA_X
ClientSampleId :

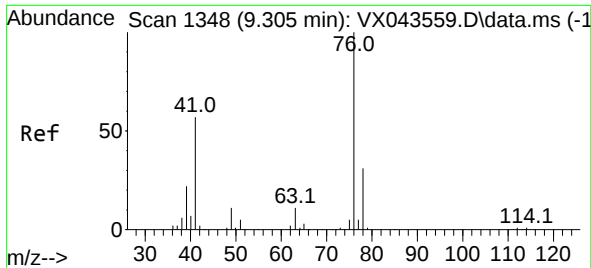
Tgt Ion: 75 Resp: 17024
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 25.6 37.7 56.5#



#56
Ethyl methacrylate
Concen: 0.344 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.128 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

Tgt Ion: 69 Resp: 493
Ion Ratio Lower Upper
69 100
41 4144.2 53.8 80.8#
39 1642.6 29.9 44.9#

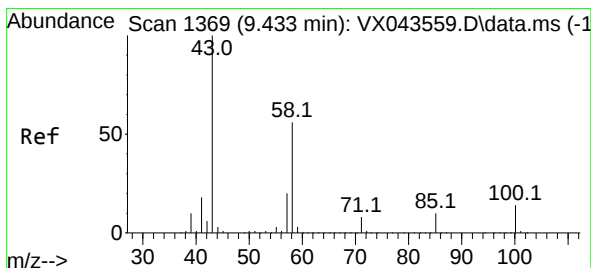
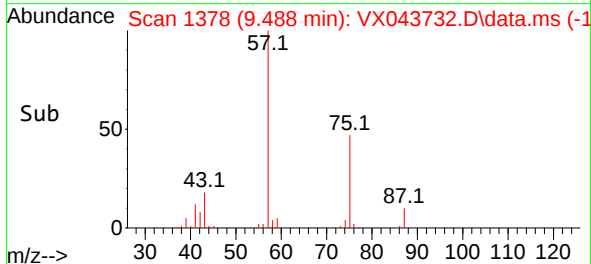
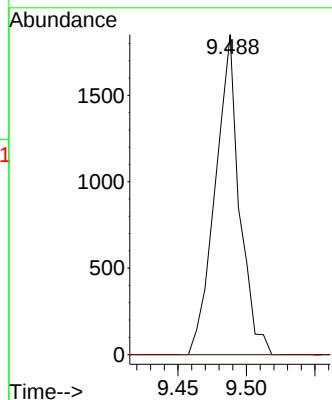
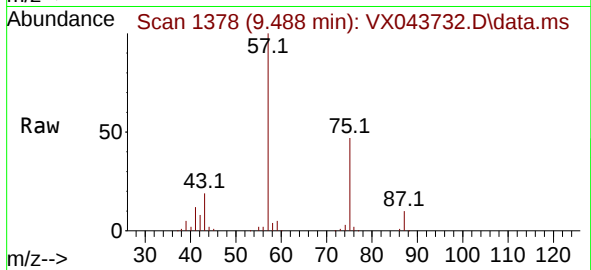




#57
1,3-Dichloropropane
Concen: 1.553 ug/l
RT: 9.488 min Scan# 11
Delta R.T. 0.183 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

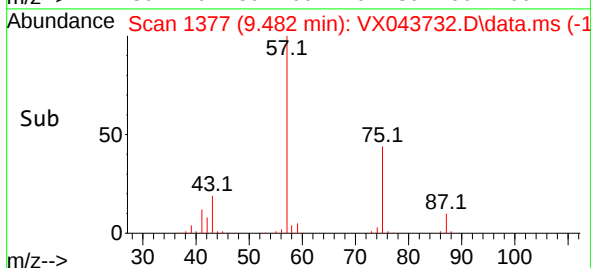
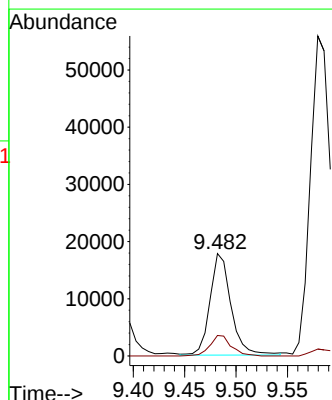
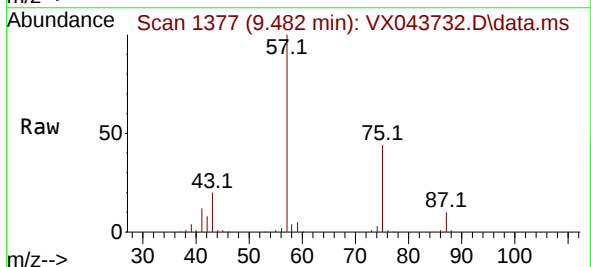
Instrument :
MSVOA_X
ClientSampleId :

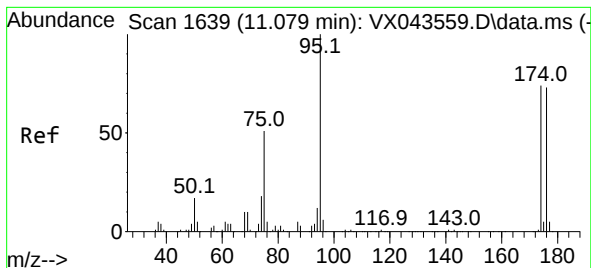
Tgt Ion: 76 Resp: 2278
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#



#59
2-Hexanone
Concen: 25.900 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

Tgt Ion: 43 Resp: 25217
Ion Ratio Lower Upper
43 100
58 20.6 27.5 82.5#

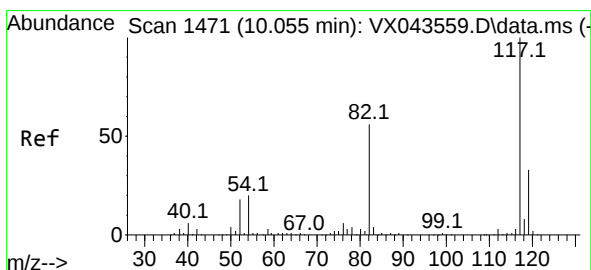
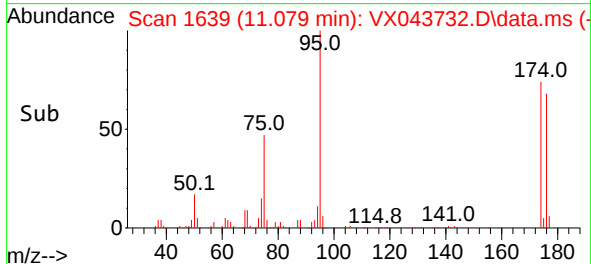
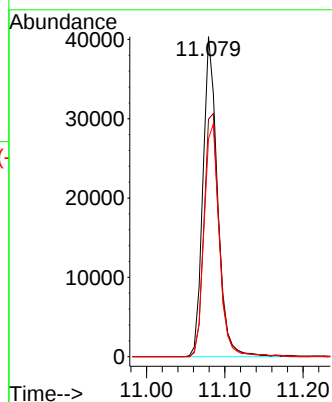
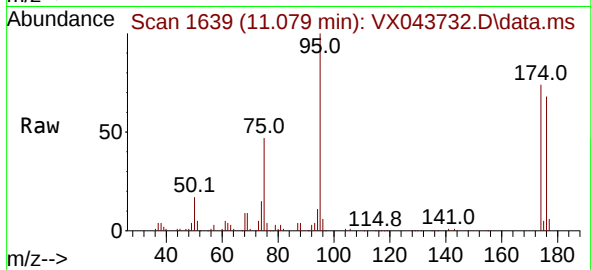




#62
4-Bromofluorobenzene
Concen: 45.856 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

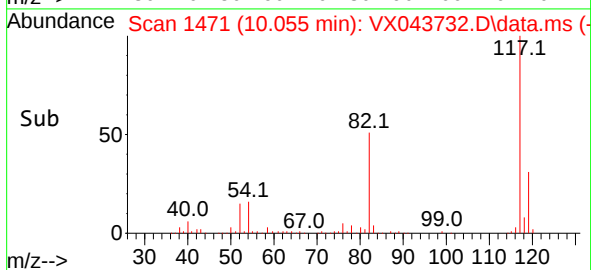
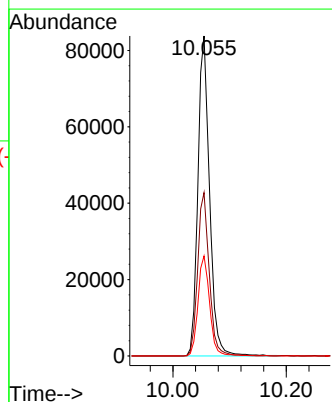
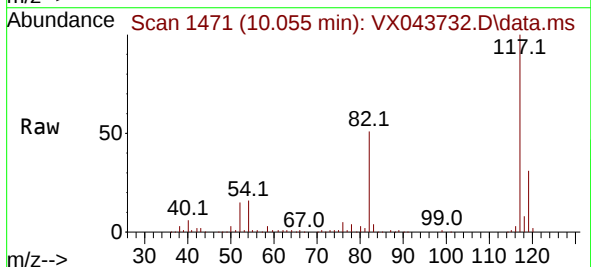
Instrument :
MSVOA_X
ClientSampleId :

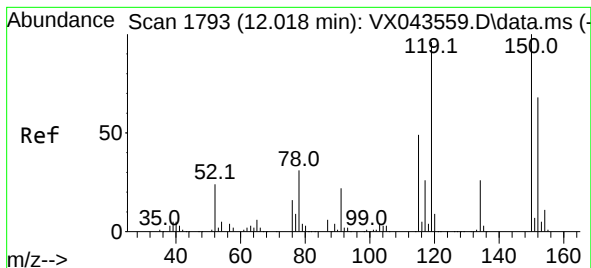
Tgt Ion: 95 Resp: 51966
Ion Ratio Lower Upper
95 100
174 80.6 0.0 146.6
176 76.6 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

Tgt Ion: 117 Resp: 119649
Ion Ratio Lower Upper
117 100
82 51.0 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# 1

Delta R.T. 0.000 min

Lab File: VX043732.D

Acq: 07 Nov 2024 13:33

Instrument :

MSVOA_X

ClientSampleId :

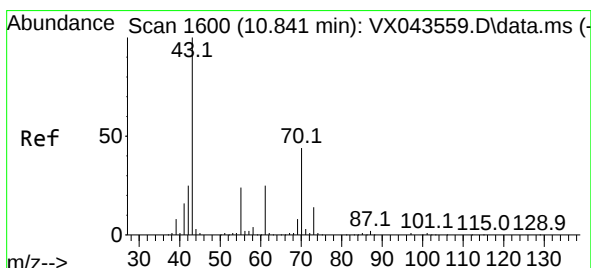
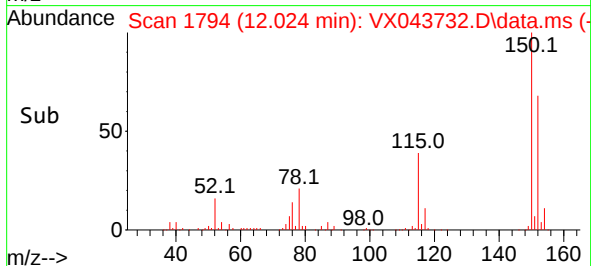
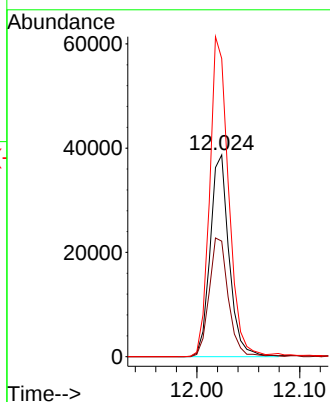
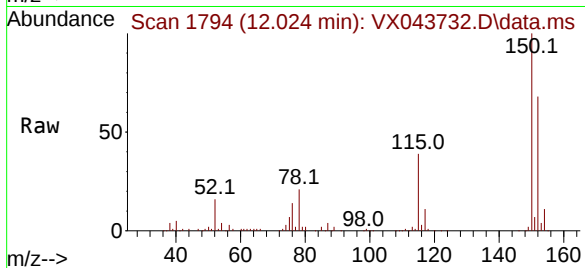
Tgt Ion:152 Resp: 49489

Ion Ratio Lower Upper

152 100

115 59.6 42.9 128.7

150 158.3 0.0 343.6



#74

N-ethyl acetate

Concen: 0.295 ug/l

RT: 10.811 min Scan# 1595

Delta R.T. -0.030 min

Lab File: VX043732.D

Acq: 07 Nov 2024 13:33

Tgt Ion: 43 Resp: 504

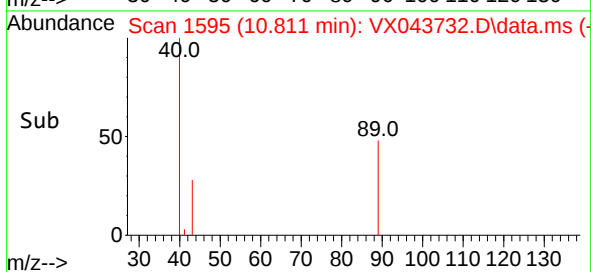
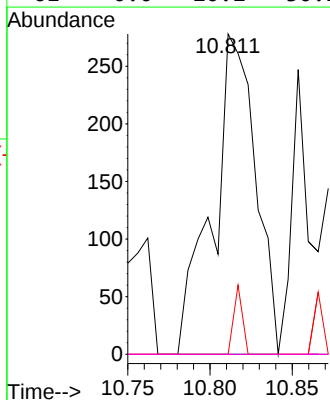
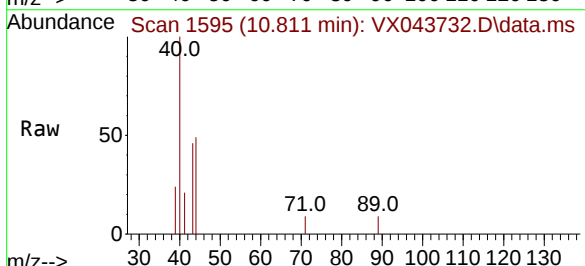
Ion Ratio Lower Upper

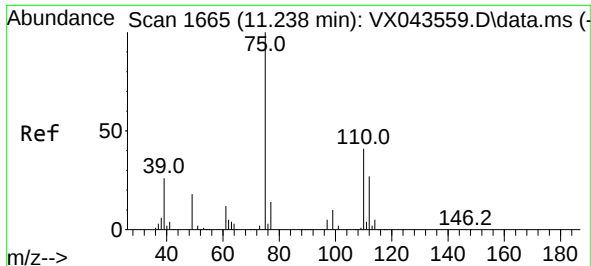
43 100

70 0.0 34.6 52.0#

55 4.4 19.6 29.4#

61 0.0 20.2 30.2#

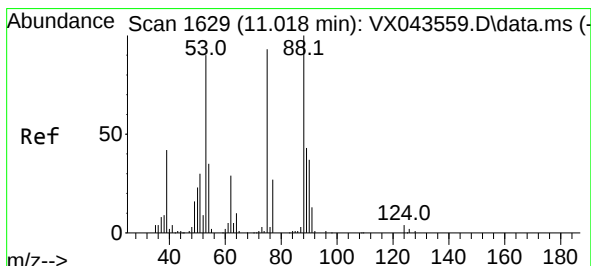
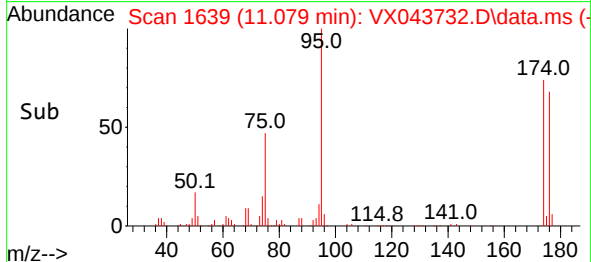
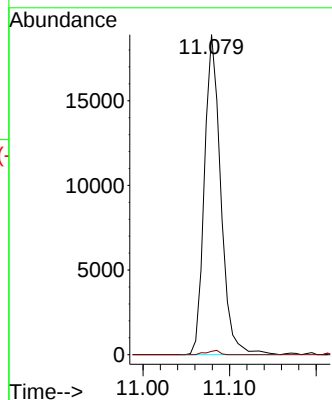
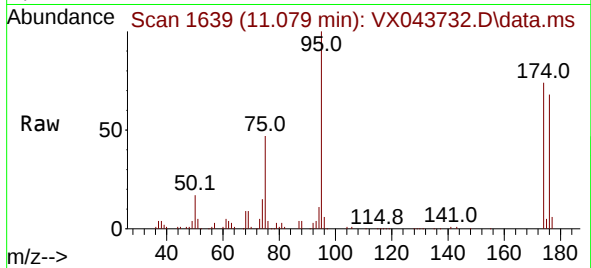




#76
1,2,3-Trichloropropane
Concen: 23.440 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

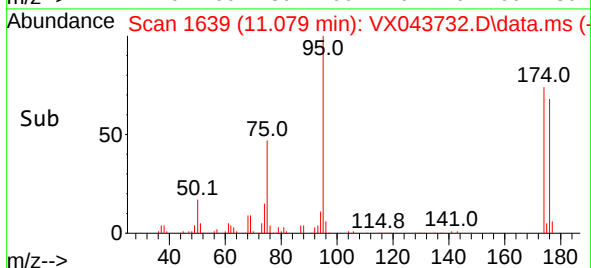
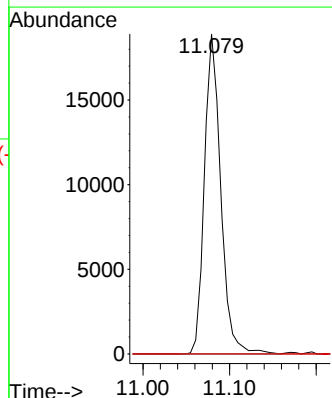
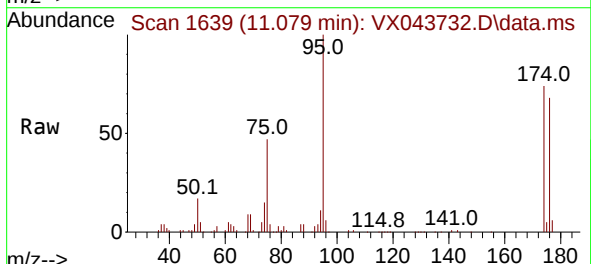
Instrument :
MSVOA_X
ClientSampleId :

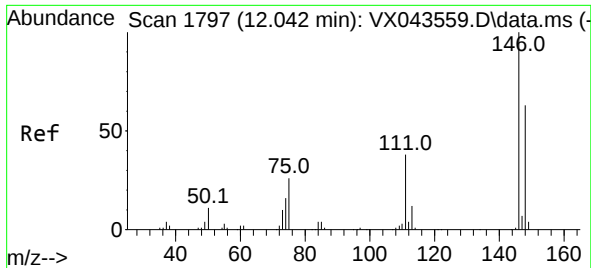
Tgt Ion: 75 Resp: 24803
Ion Ratio Lower Upper
75 100
77 1.1 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.485 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043732.D
Acq: 07 Nov 2024 13:33

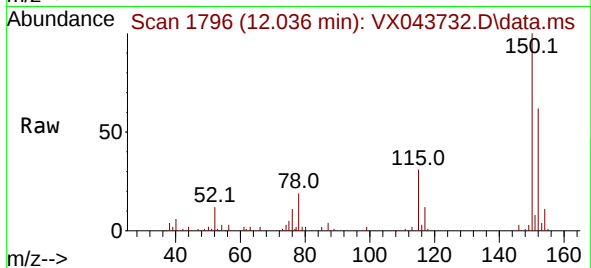
Tgt Ion: 75 Resp: 24803
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#





#88
 1,4-Dichlorobenzene
 Concen: 0.214 ug/l
 RT: 12.036 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX043732.D
 Acq: 07 Nov 2024 13:33

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:146 Resp: 359
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.4 61.3#
 148 89.4 31.9 95.9

