

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100224\
 Data File : VX043236.D
 Acq On : 02 Oct 2024 17:04
 Operator : JC/MD
 Sample : P4236-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 03 02:35:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

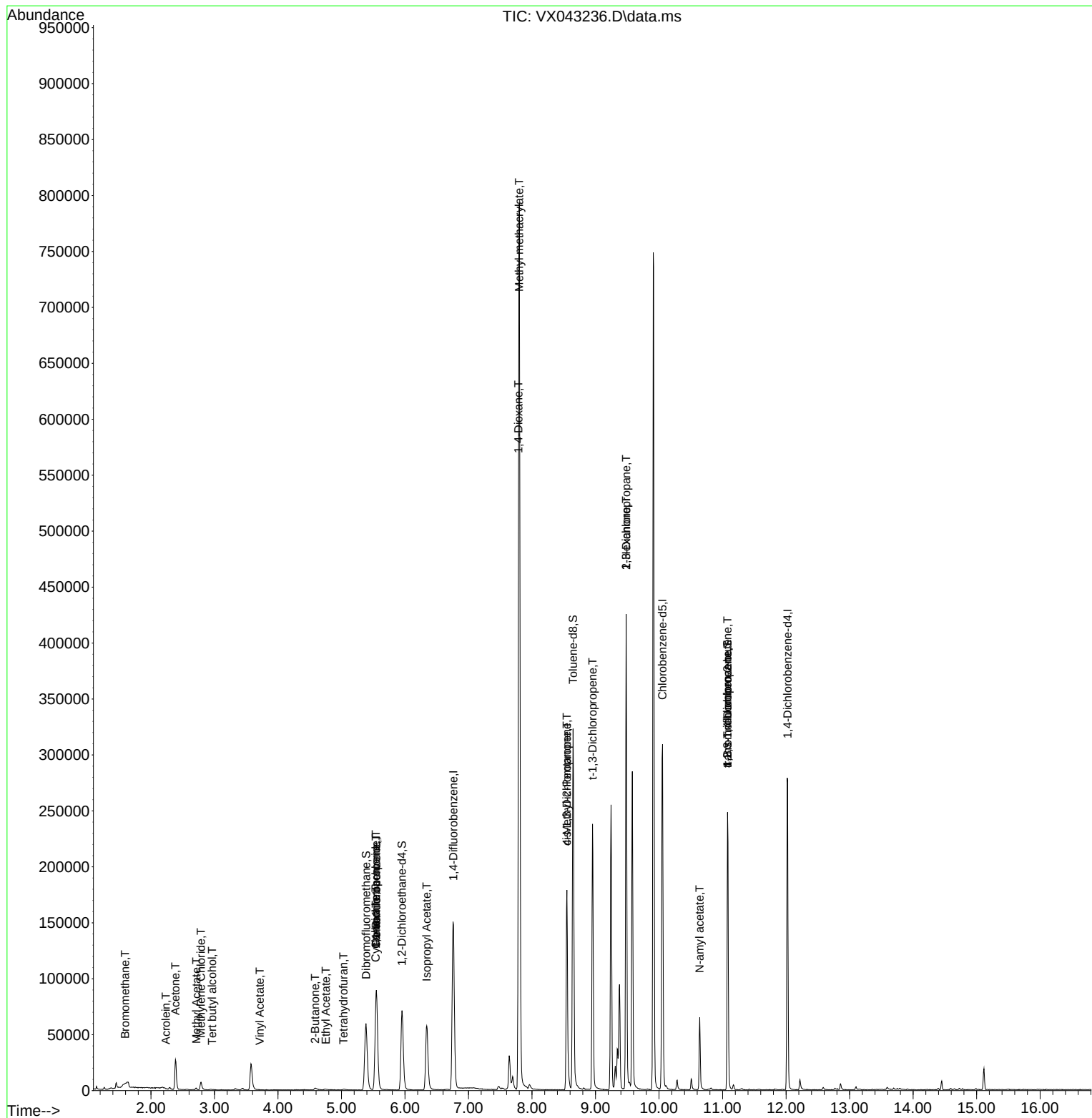
Internal Standards						
1) Pentafluorobenzene	5.550	168	81265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157243	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72640	54.733	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.460%			
35) Dibromofluoromethane	5.385	113	52371	48.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.580%			
50) Toluene-d8	8.647	98	188998	50.292	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.580%			
62) 4-Bromofluorobenzene	11.079	95	66514	48.719	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.440%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	92	0.231	ug/l #	2
11) Tert butyl alcohol	2.965	59	142	0.562	ug/l #	71
13) Acrolein	2.233	56	151	0.633	ug/l #	1
16) Acetone	2.386	43	30858	55.676	ug/l	100
18) Methyl Acetate	2.715	43	2018	1.451	ug/l	92
20) Methylene Chloride	2.788	84	3424	3.351	ug/l	97
23) Vinyl Acetate	3.715	43	48	6.353	ug/l #	71
25) 2-Butanone	4.586	43	4009	5.275	ug/l	95
29) Tetrahydrofuran	5.032	42	534	1.103	ug/l #	70
31) Cyclohexane	5.537	56	1837	1.283	ug/l #	46
36) 1,1-Dichloropropene	5.544	75	6862	5.009	ug/l #	49
37) Ethyl Acetate	4.751	43	1869	1.136	ug/l #	79
38) Carbon Tetrachloride	5.544	117	9174	5.657	ug/l #	16
43) Isopropyl Acetate	6.342	43	82433	30.336	ug/l	100
48) Methyl methacrylate	7.799	41	73513	55.137	ug/l #	46
49) 1,4-Dioxane	7.787	88	101	3.897	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	66700	40.415	ug/l #	47
53) t-1,3-Dichloropropene	8.952	75	515	0.323	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	28174	16.462	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	3508	1.991	ug/l #	43
59) 2-Hexanone	9.482	43	51061	40.913	ug/l #	53
74) N-amyl acetate	10.640	43	15809	7.526	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	36394	28.827	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	36394	74.710	ug/l #	8

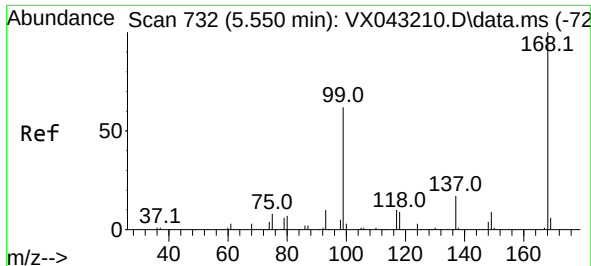
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100224\
Data File : VX043236.D
Acq On : 02 Oct 2024 17:04
Operator : JC/MD
Sample : P4236-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 03 02:35:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



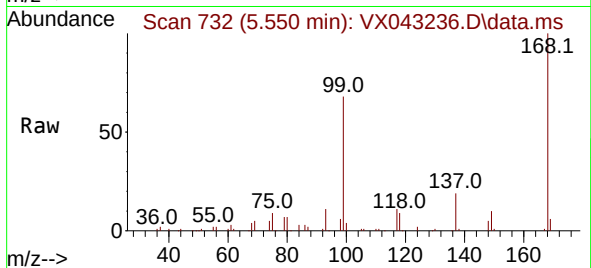


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

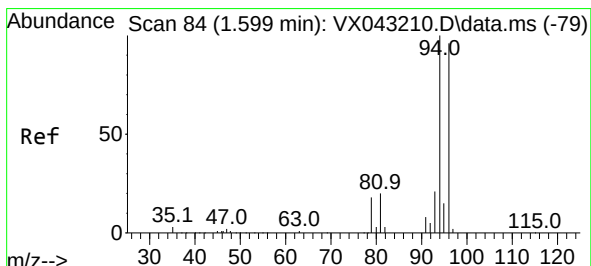
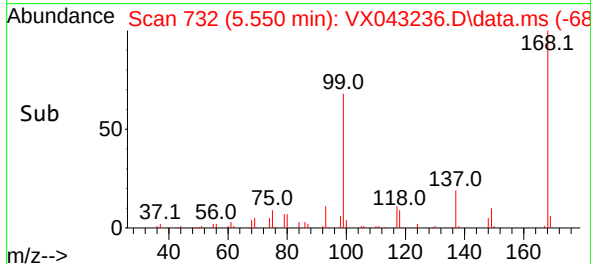
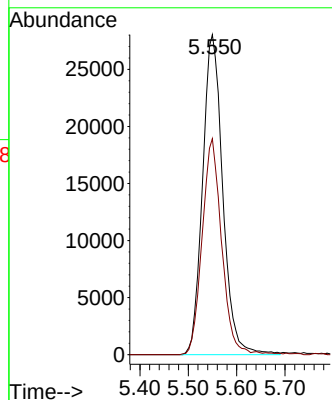
Instrument :

MSVOA_X

ClientSampleId :

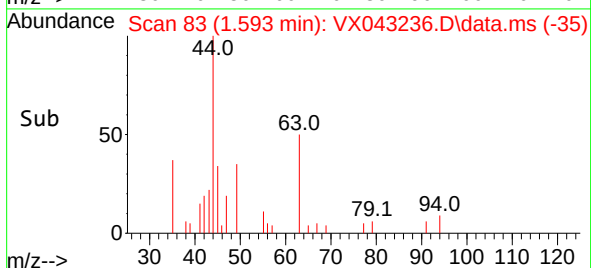
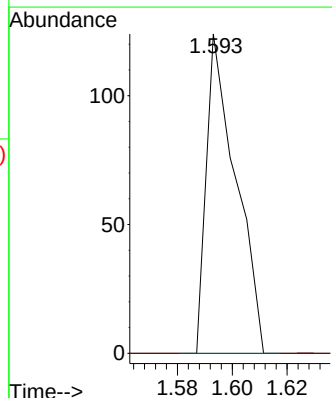
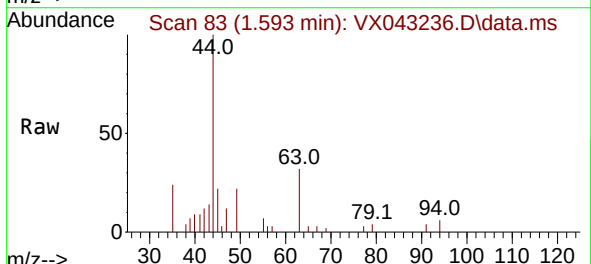


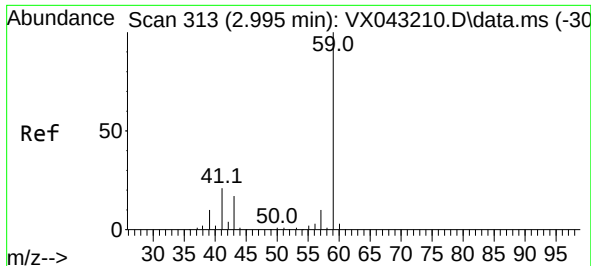
Tgt Ion:168 Resp: 81265
Ion Ratio Lower Upper
168 100
99 67.5 49.7 74.5



#5
Bromomethane
Concen: 0.231 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

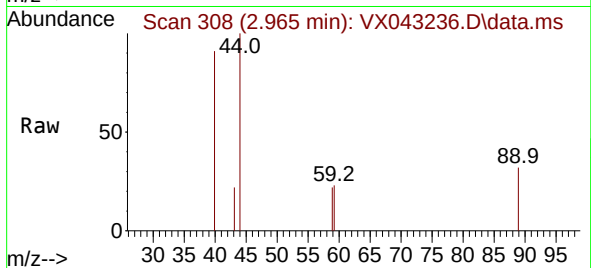
Tgt Ion: 94 Resp: 92
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#



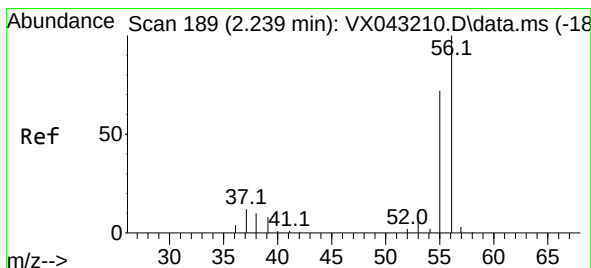
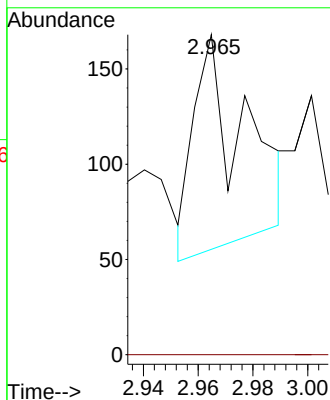
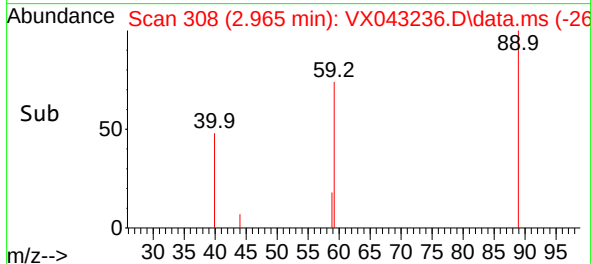


#11
Tert butyl alcohol
Concen: 0.562 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.031 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

Instrument :
MSVOA_X
ClientSampleId :

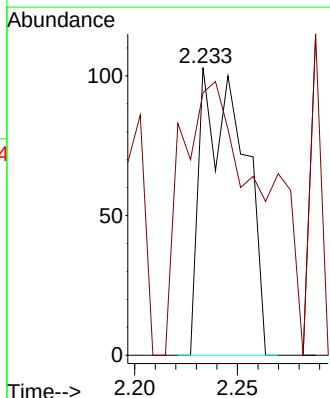
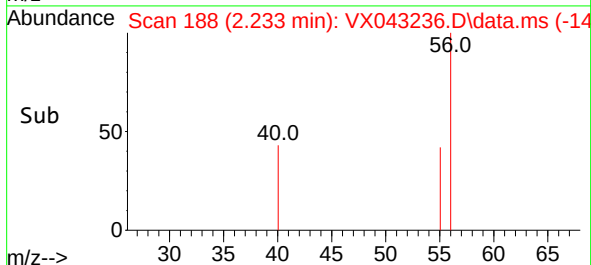
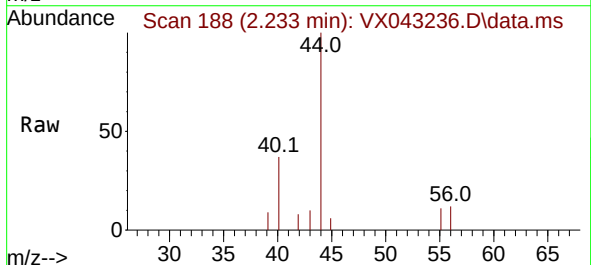


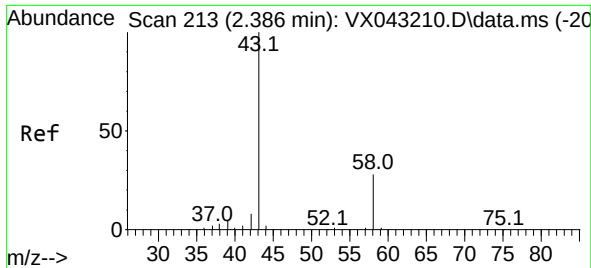
Tgt Ion: 59 Resp: 142
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: 0.633 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

Tgt Ion: 56 Resp: 151
Ion Ratio Lower Upper
56 100
55 176.8 57.4 86.0#

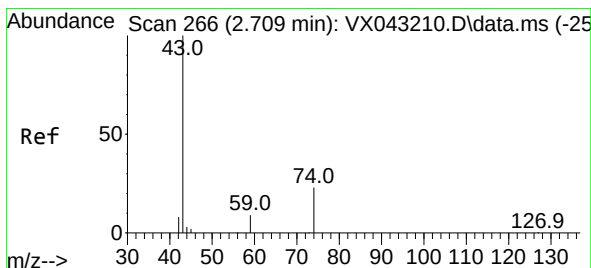
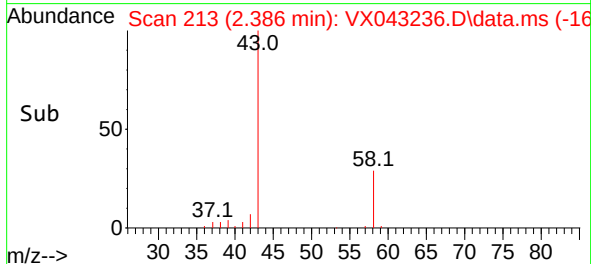
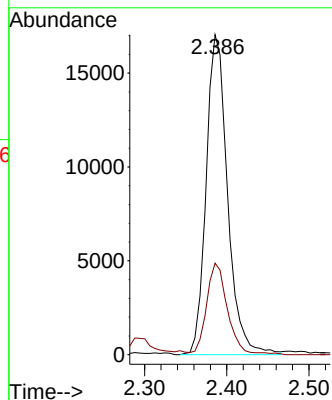
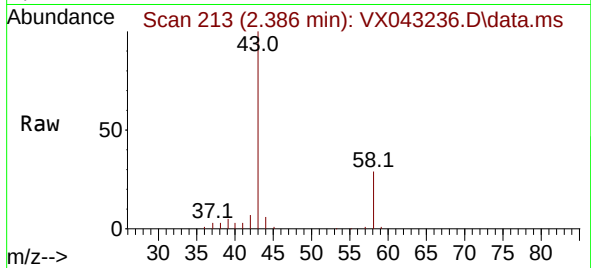




#16
Acetone
Concen: 55.676 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

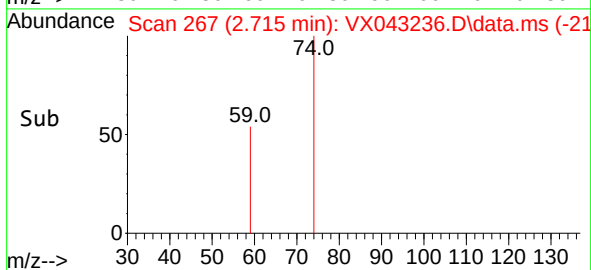
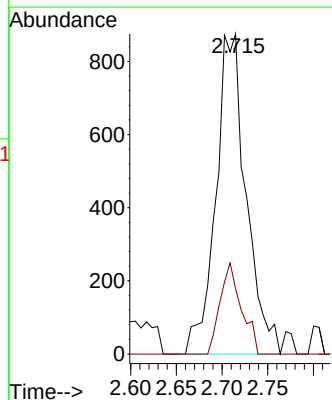
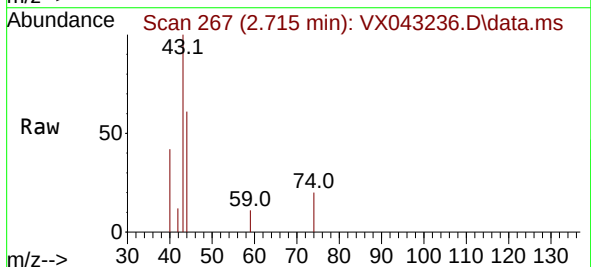
Instrument :
MSVOA_X
ClientSampleId :

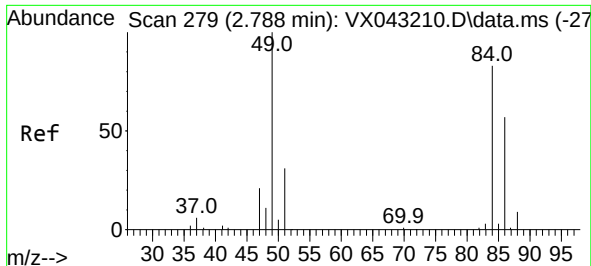
Tgt Ion: 43 Resp: 30858
Ion Ratio Lower Upper
43 100
58 28.3 22.6 33.8



#18
Methyl Acetate
Concen: 1.451 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

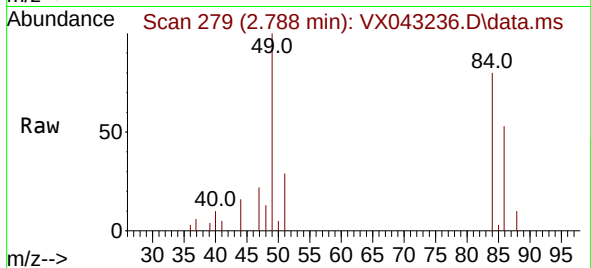
Tgt Ion: 43 Resp: 2018
Ion Ratio Lower Upper
43 100
74 20.0 19.1 28.7



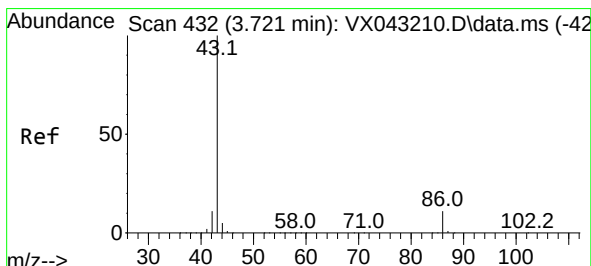
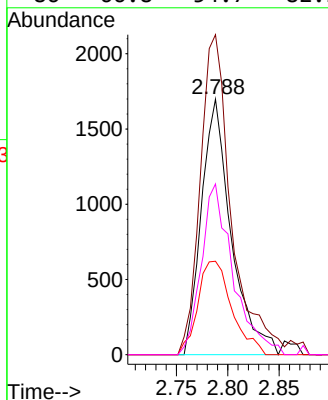
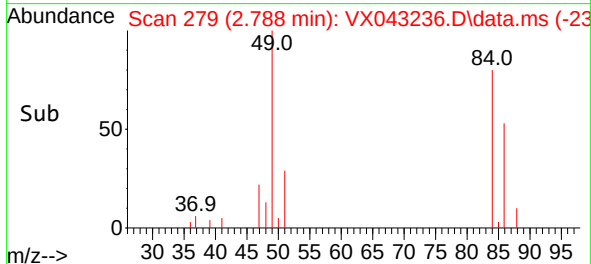


#20
Methylene Chloride
Concen: 3.351 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

Instrument :
MSVOA_X
ClientSampleId :

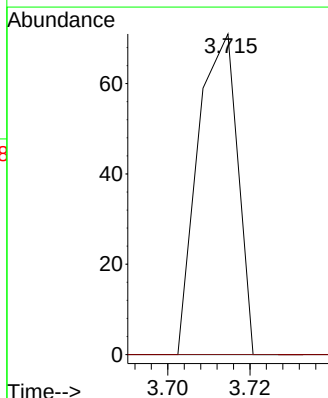
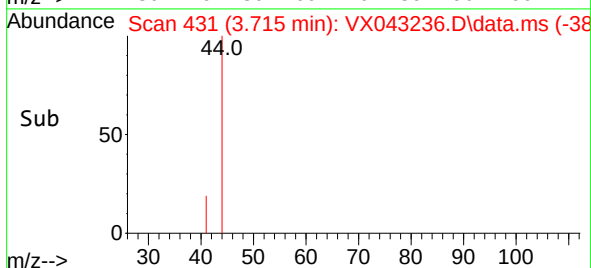
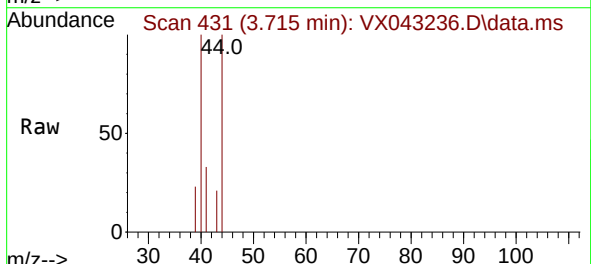


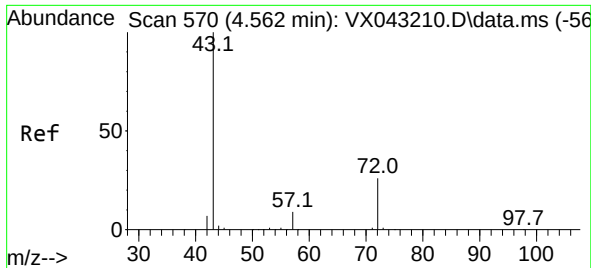
Tgt Ion: 84	Resp: 3424
Ion Ratio	Lower Upper
84 100	
49 125.3	96.7 145.1
51 36.6	30.4 45.6
86 66.8	54.7 82.1



#23
Vinyl Acetate
Concen: 6.353 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

Tgt Ion: 43	Resp: 48		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	8.8	13.2#	

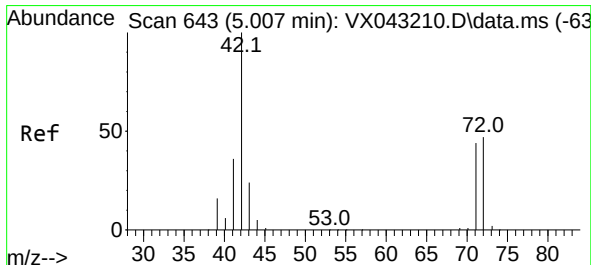
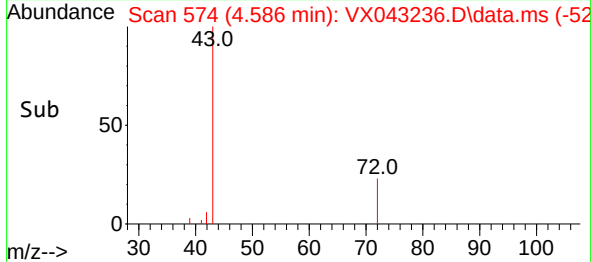
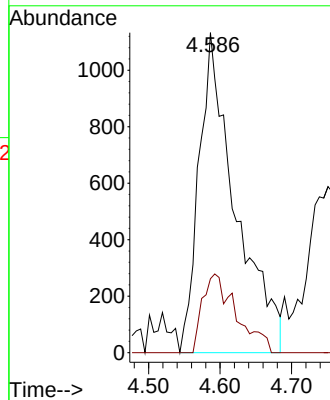
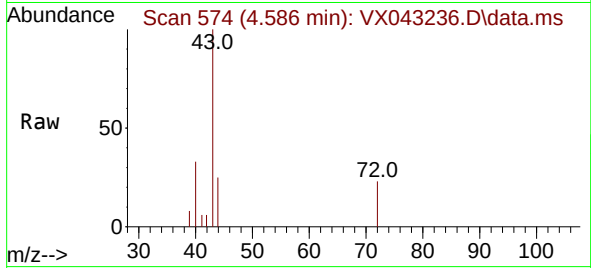




#25
2-Butanone
Concen: 5.275 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

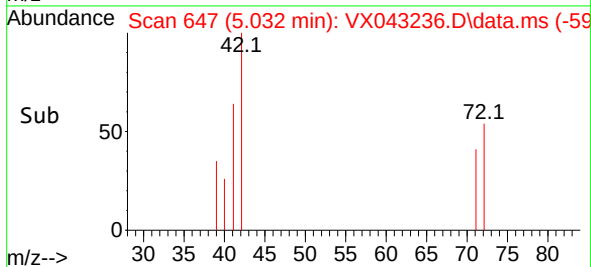
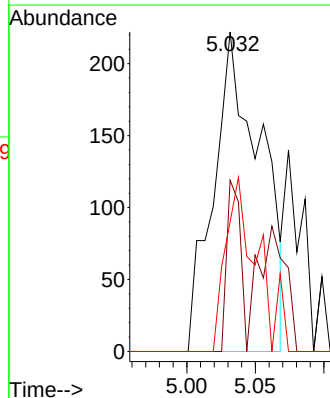
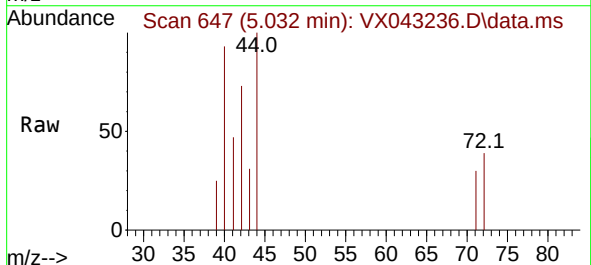
Instrument :
MSVOA_X
ClientSampleId :

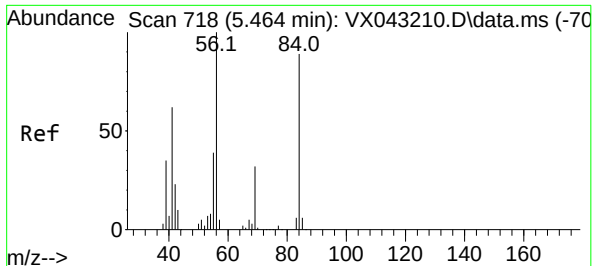
Tgt Ion: 43 Resp: 4009
Ion Ratio Lower Upper
43 100
72 23.1 20.6 31.0



#29
Tetrahydrofuran
Concen: 1.103 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.024 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

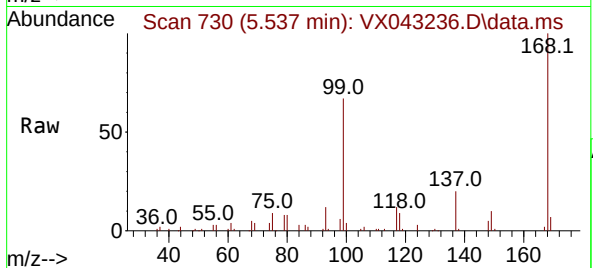
Tgt Ion: 42 Resp: 534
Ion Ratio Lower Upper
42 100
72 15.4 37.7 56.5#
71 36.3 34.6 52.0



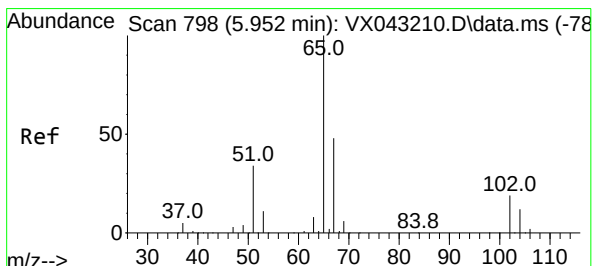
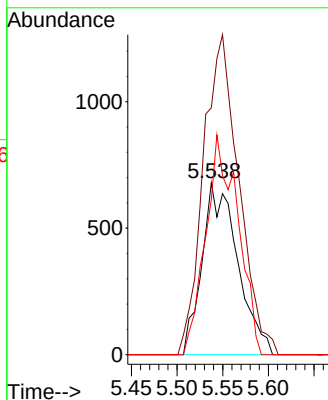
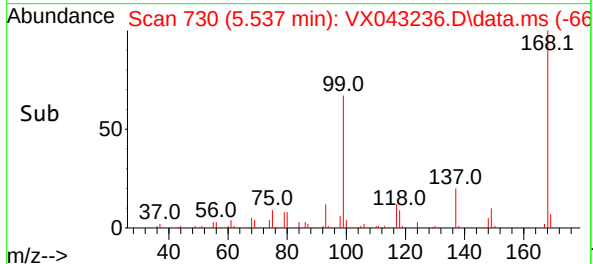


#31
Cyclohexane
Concen: 1.283 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

Instrument :
MSVOA_X
ClientSampleId :

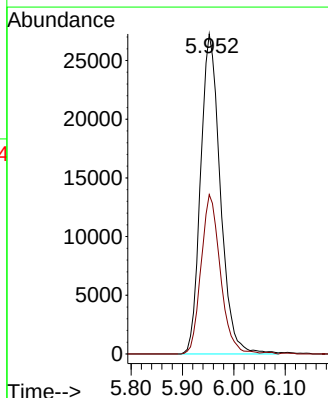
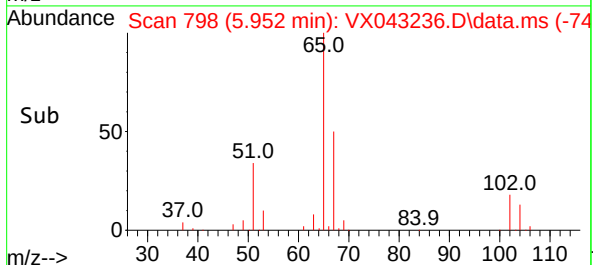
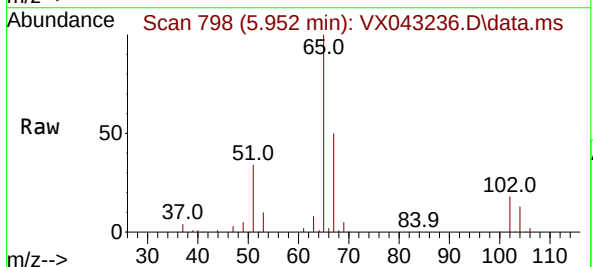


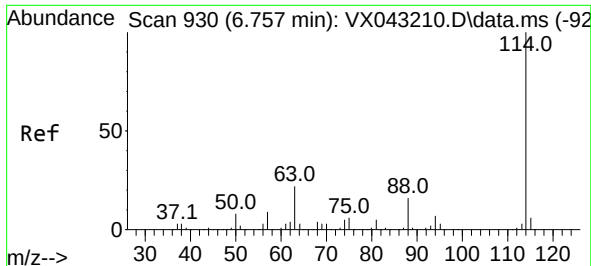
Tgt Ion: 56 Resp: 1837
Ion Ratio Lower Upper
56 100
69 143.7 25.8 38.6#
84 90.1 71.1 106.7



#33
1,2-Dichloroethane-d4
Concen: 54.733 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

Tgt Ion: 65 Resp: 72640
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX043236.D

Acq: 02 Oct 2024 17:04

Instrument :

MSVOA_X

ClientSampleId :

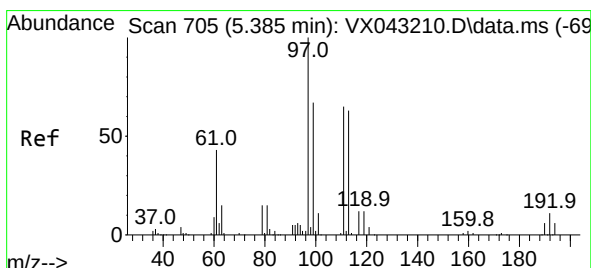
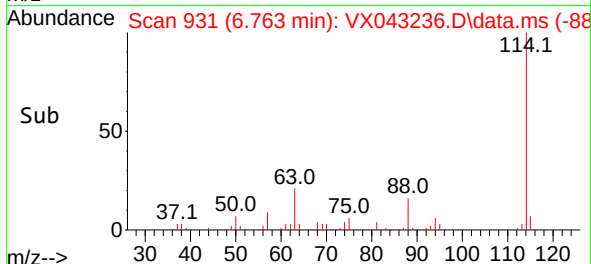
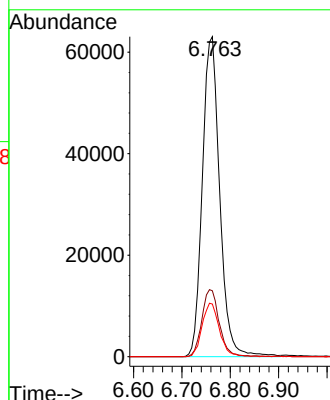
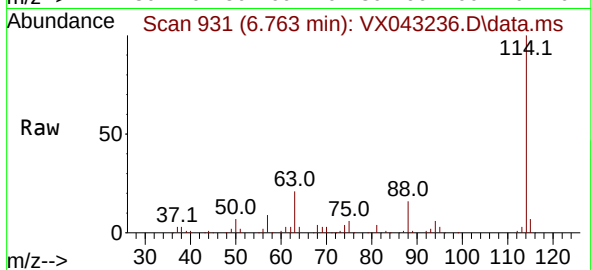
Tgt Ion:114 Resp: 157243

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.0

88 16.4 0.0 33.0



#35

Dibromofluoromethane

Concen: 48.294 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX043236.D

Acq: 02 Oct 2024 17:04

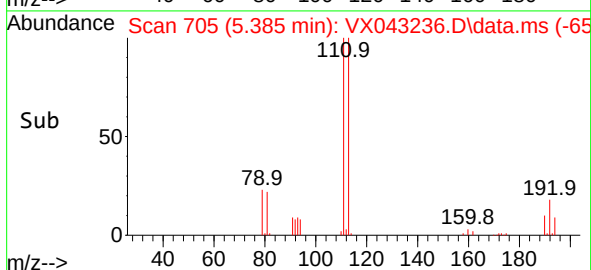
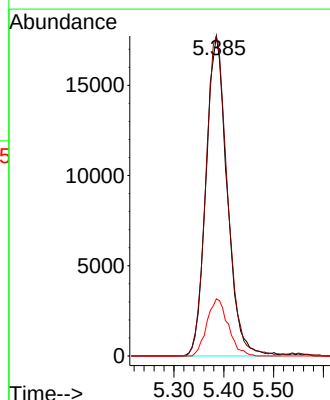
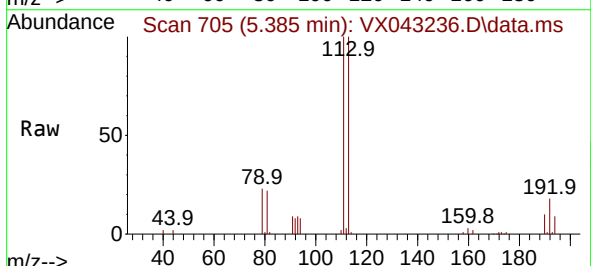
Tgt Ion:113 Resp: 52371

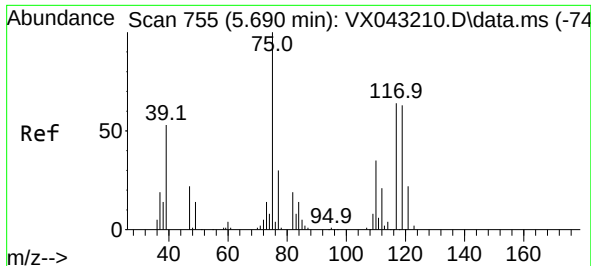
Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.0

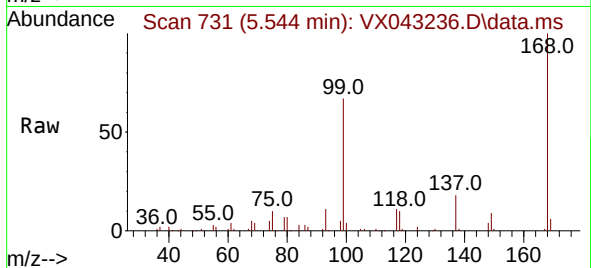
192 17.9 14.1 21.1



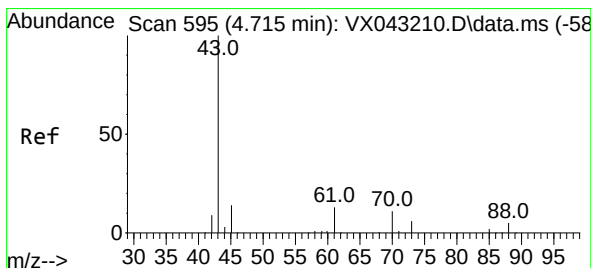
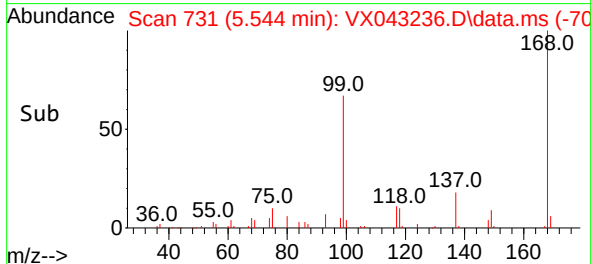
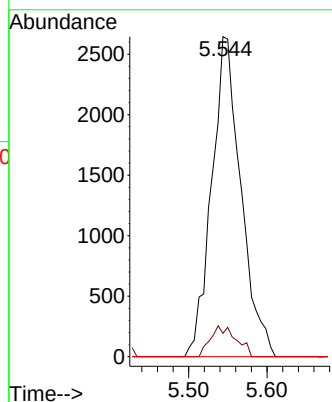


#36
1,1-Dichloropropene
Concen: 5.009 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

Instrument :
MSVOA_X
ClientSampleId :

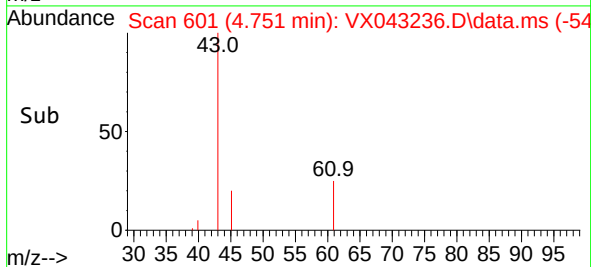
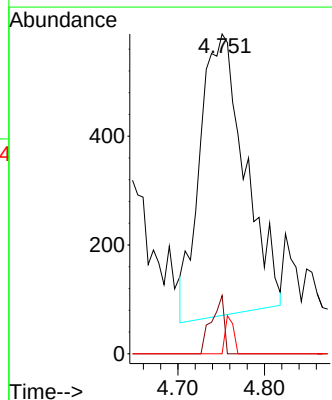
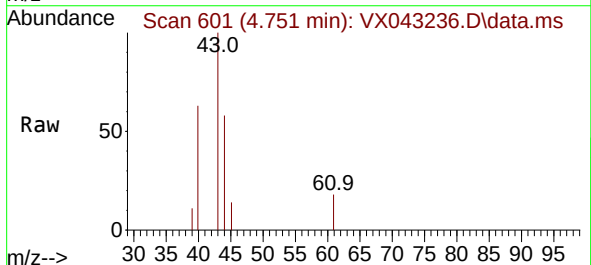


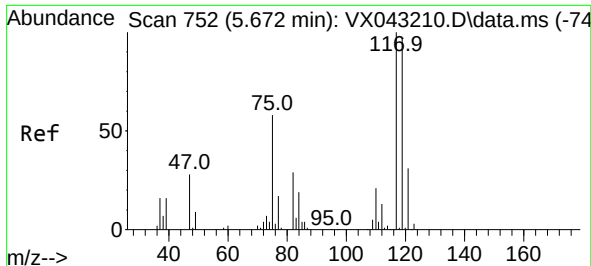
Tgt Ion: 75 Resp: 6862
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.3#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 1.136 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.036 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

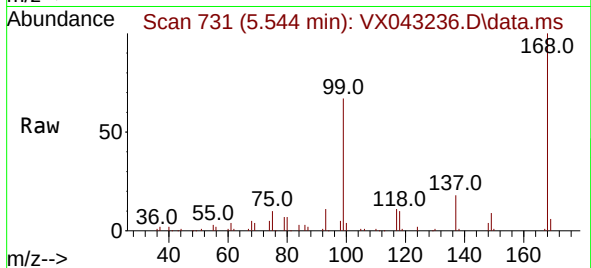
Tgt Ion: 43 Resp: 1869
Ion Ratio Lower Upper
43 100
61 5.8 11.0 16.4#
70 2.5 8.9 13.3#



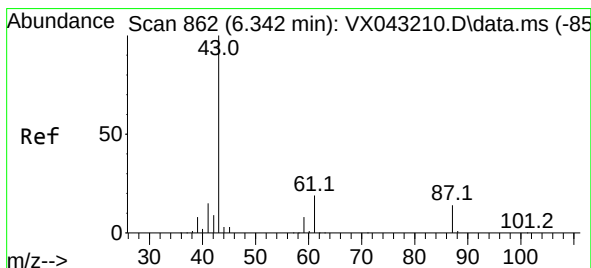
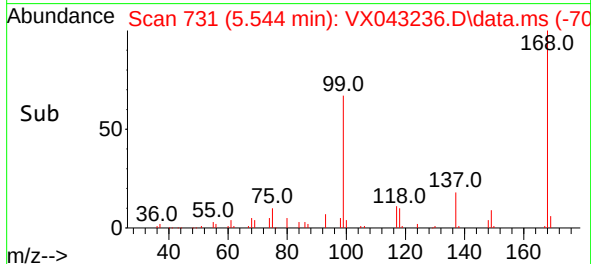
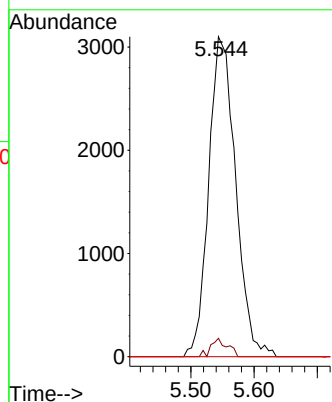


#38
Carbon Tetrachloride
Concen: 5.657 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

Instrument :
MSVOA_X
ClientSampleId :

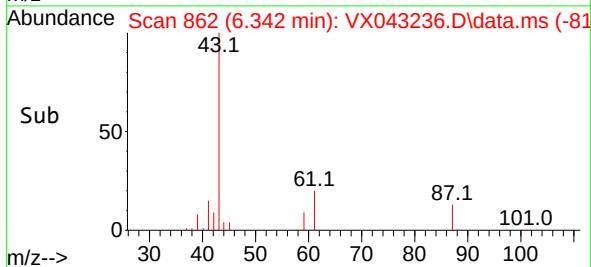
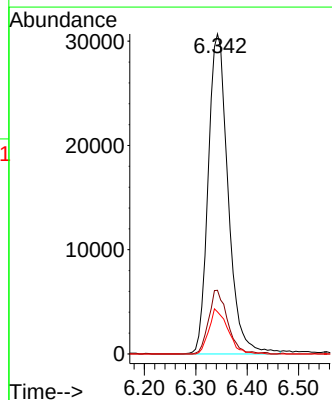
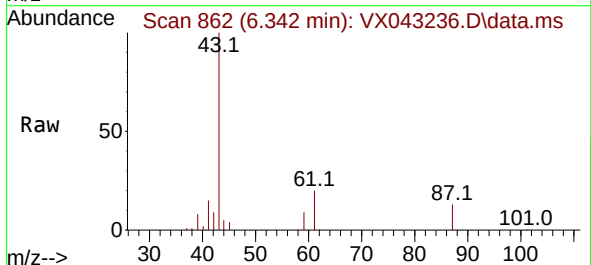


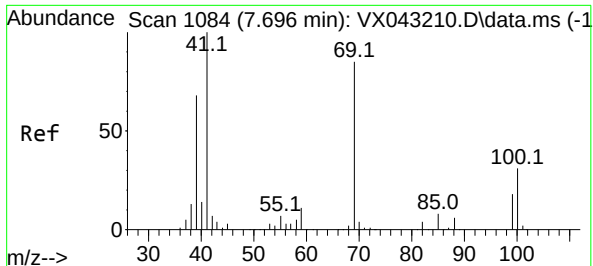
Tgt Ion:117 Resp: 9174
Ion Ratio Lower Upper
117 100
119 5.7 77.7 116.5#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 30.336 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

Tgt Ion: 43 Resp: 82433
Ion Ratio Lower Upper
43 100
61 18.9 15.1 22.7
87 13.5 10.8 16.2

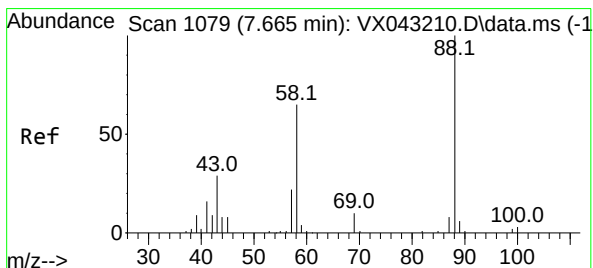
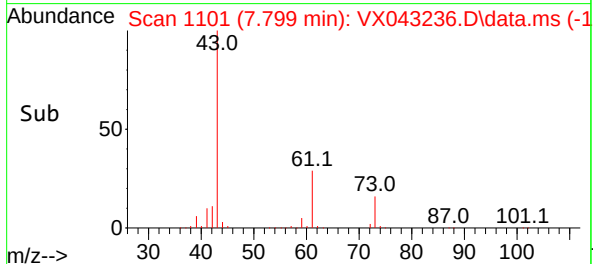
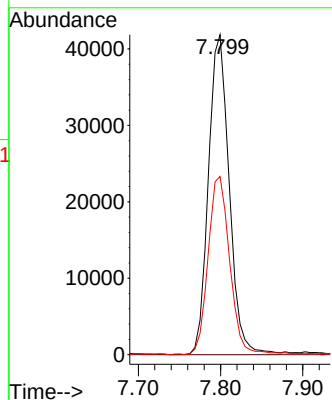
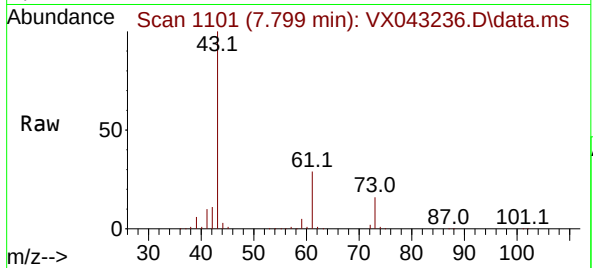




#48
Methyl methacrylate
Concen: 55.137 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

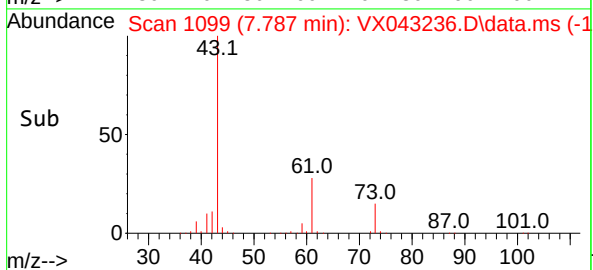
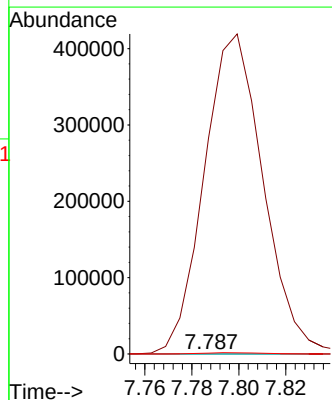
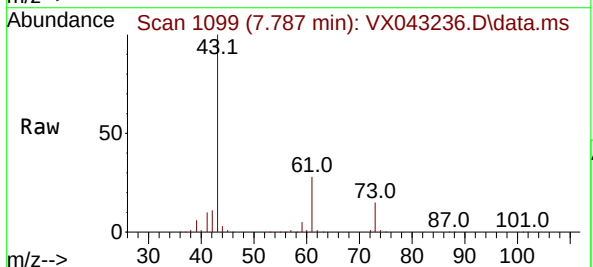
Instrument :
MSVOA_X
ClientSampleId :

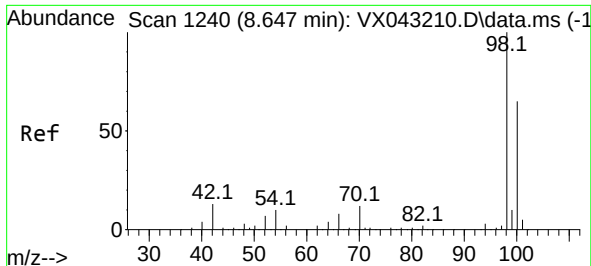
Tgt Ion: 41 Resp: 73513
Ion Ratio Lower Upper
41 100
69 0.0 64.1 96.1#
39 58.3 52.8 79.2



#49
1,4-Dioxane
Concen: 3.897 ug/l
RT: 7.787 min Scan# 1099
Delta R.T. 0.122 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

Tgt Ion: 88 Resp: 101
Ion Ratio Lower Upper
88 100
43 737067.3 29.5 44.3#
58 2878.2 55.2 82.8#

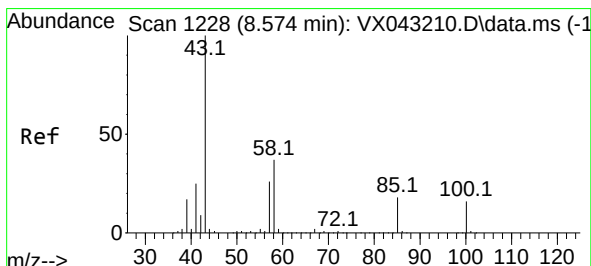
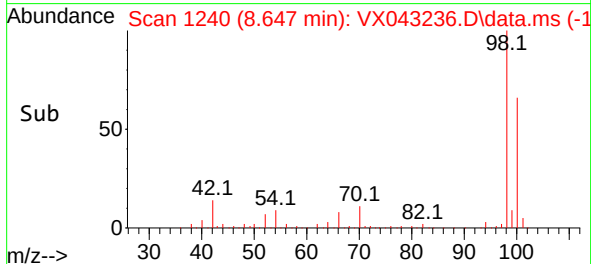
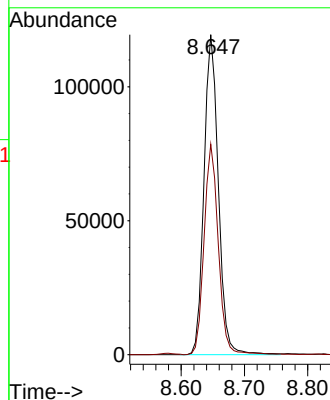
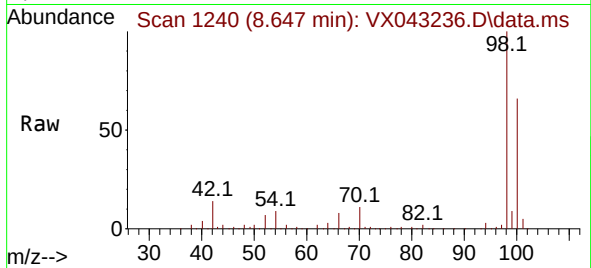




#50
Toluene-d8
Concen: 50.292 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

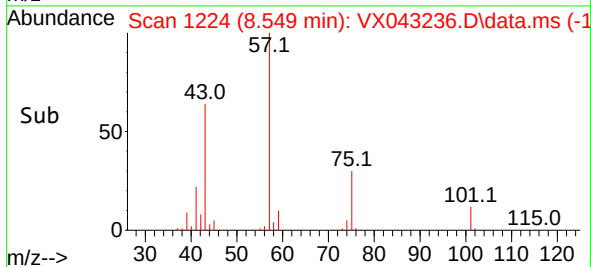
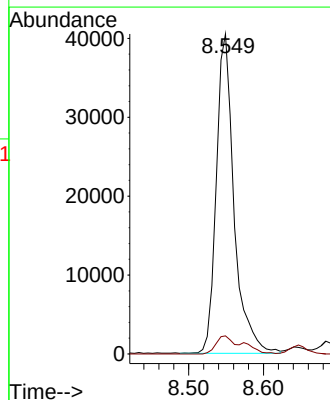
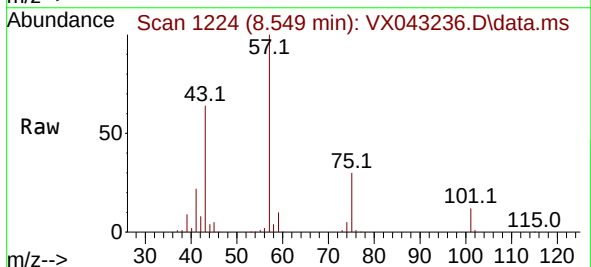
Instrument :
MSVOA_X
ClientSampleId :

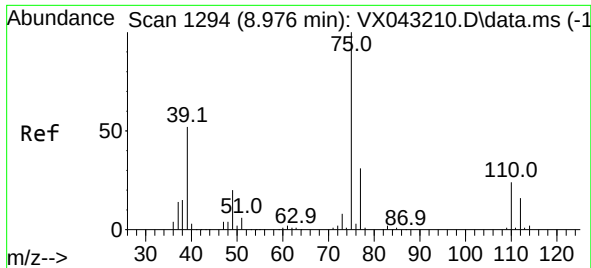
Tgt Ion: 98 Resp: 188998
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 40.415 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

Tgt Ion: 43 Resp: 66700
Ion Ratio Lower Upper
43 100
58 5.8 30.0 45.0#

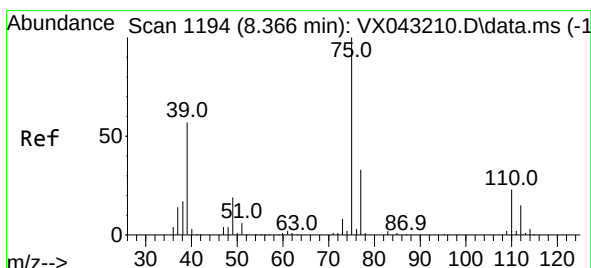
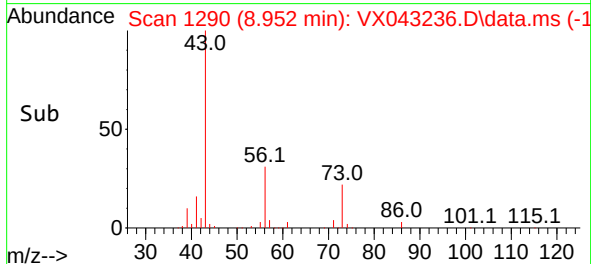
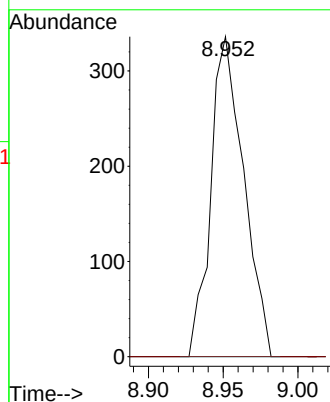
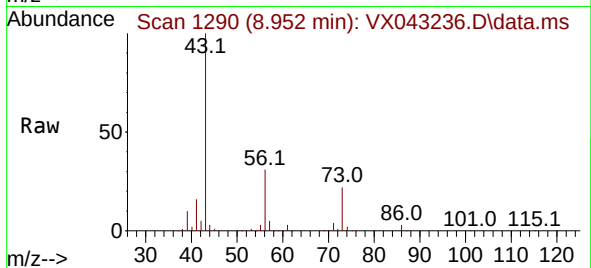




#53
 t-1,3-Dichloropropene
 Concen: 0.323 ug/l
 RT: 8.952 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VX043236.D
 Acq: 02 Oct 2024 17:04

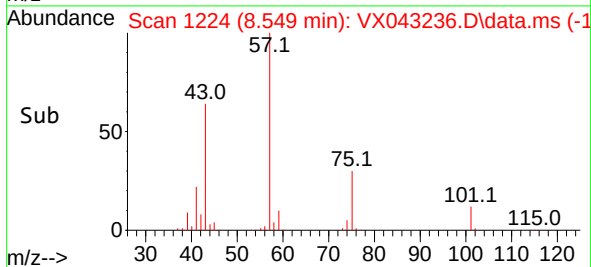
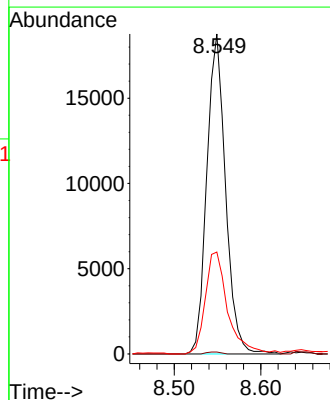
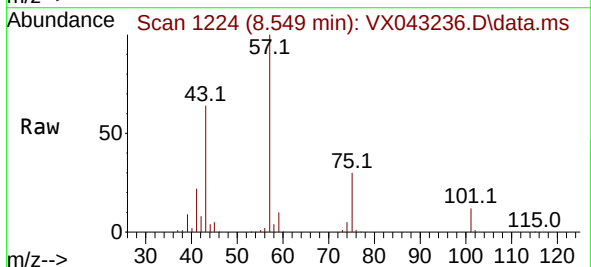
Instrument :
 MSVOA_X
 ClientSampleId :

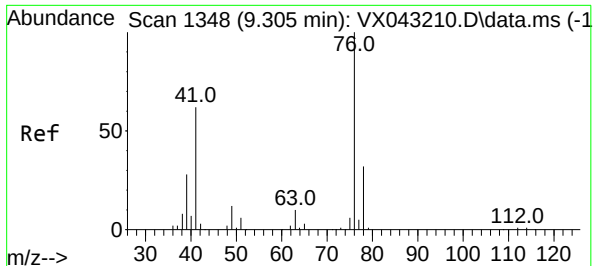
Tgt Ion: 75 Resp: 515
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.1 37.7#



#54
 cis-1,3-Dichloropropene
 Concen: 16.462 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX043236.D
 Acq: 02 Oct 2024 17:04

Tgt Ion: 75 Resp: 28174
 Ion Ratio Lower Upper
 75 100
 77 0.6 26.0 39.0#
 39 31.9 45.8 68.8#





#57

1,3-Dichloropropane

Concen: 1.991 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX043236.D

Acq: 02 Oct 2024 17:04

Instrument :

MSVOA_X

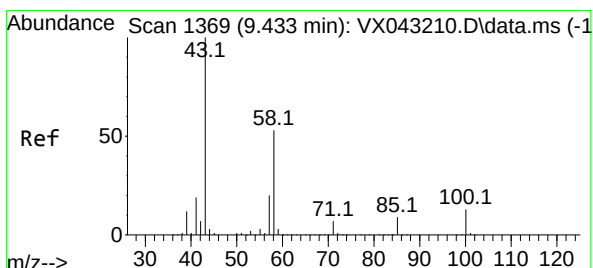
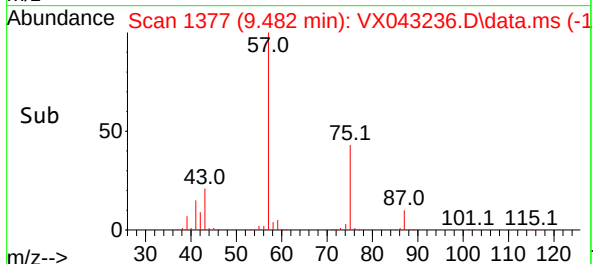
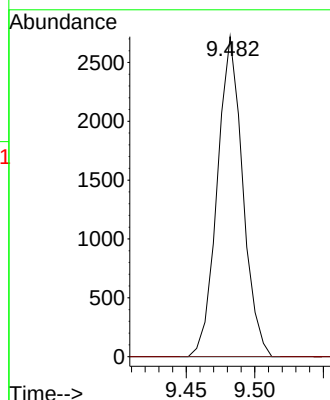
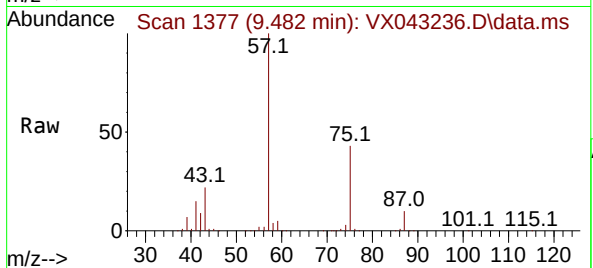
ClientSampleId :

Tgt Ion: 76 Resp: 3508

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 40.913 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX043236.D

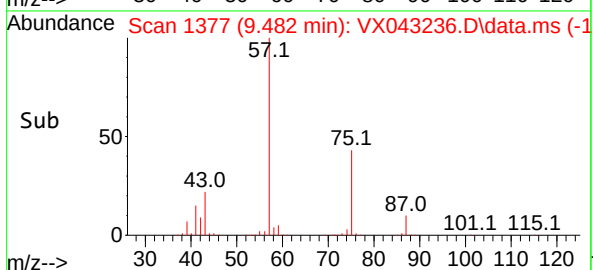
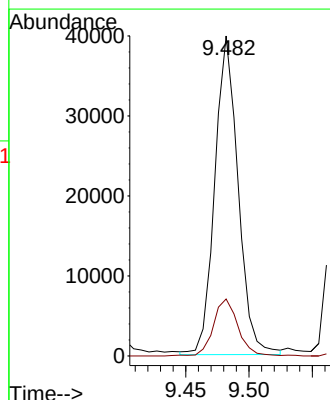
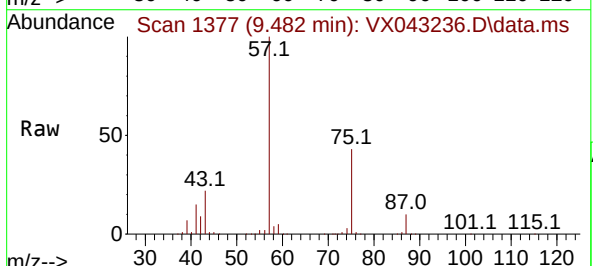
Acq: 02 Oct 2024 17:04

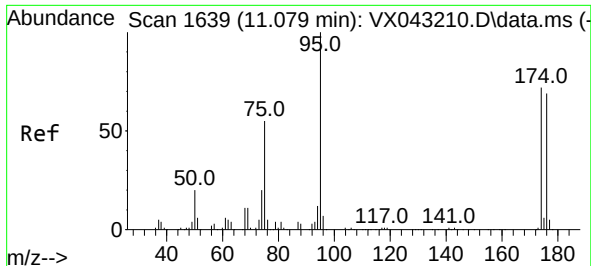
Tgt Ion: 43 Resp: 51061

Ion Ratio Lower Upper

43 100

58 19.0 26.1 78.3#





#62

4-Bromofluorobenzene

Concen: 48.719 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043236.D

Acq: 02 Oct 2024 17:04

Instrument :

MSVOA_X

ClientSampleId :

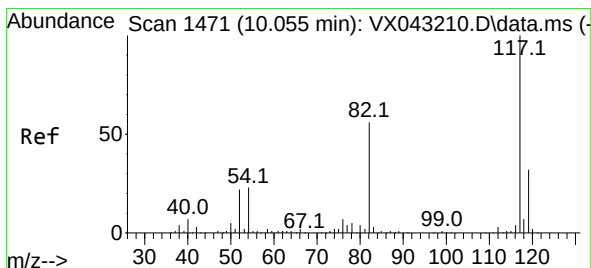
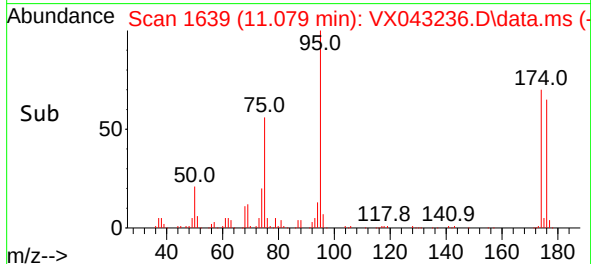
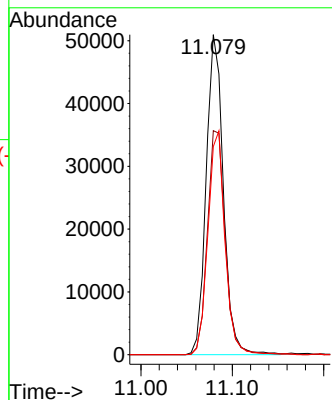
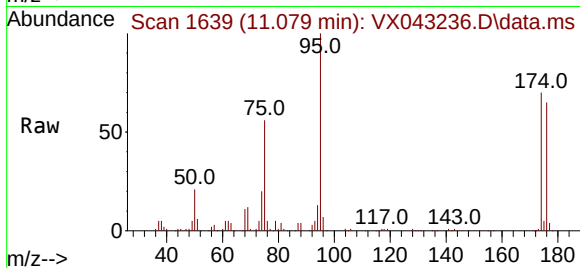
Tgt Ion: 95 Resp: 66514

Ion Ratio Lower Upper

95 100

174 73.0 0.0 145.0

176 69.8 0.0 143.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043236.D

Acq: 02 Oct 2024 17:04

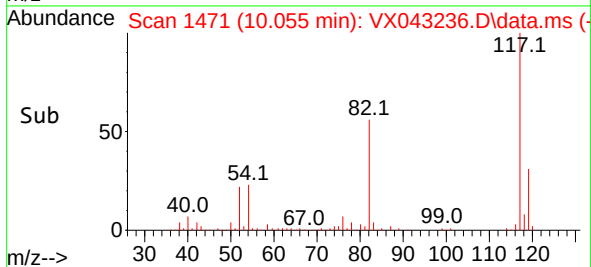
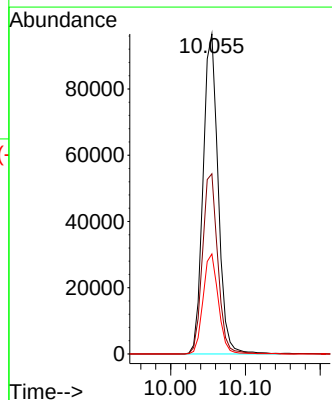
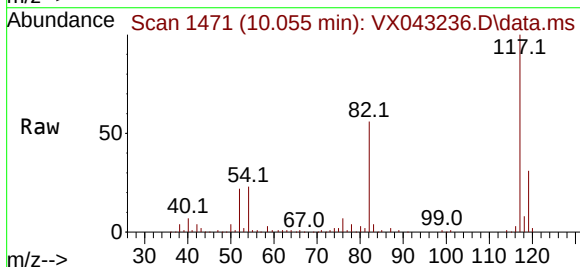
Tgt Ion: 117 Resp: 135144

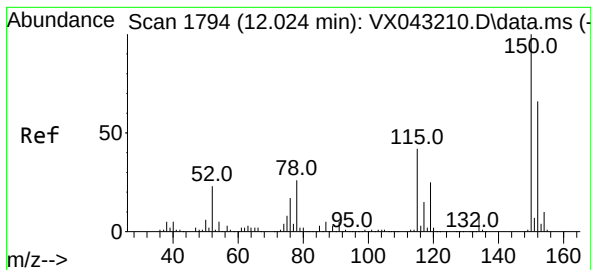
Ion Ratio Lower Upper

117 100

82 56.3 45.0 67.6

119 31.2 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043236.D

Acq: 02 Oct 2024 17:04

Instrument :

MSVOA_X

ClientSampleId :

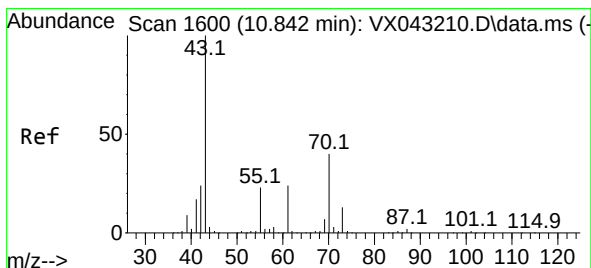
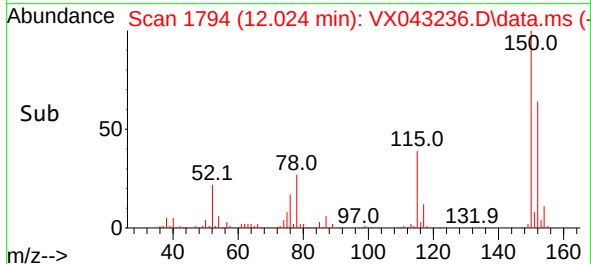
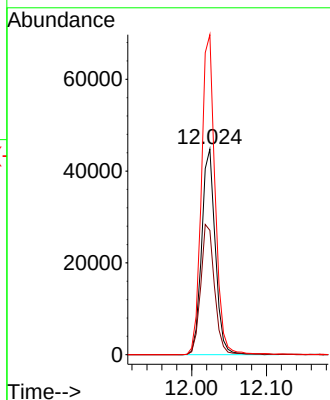
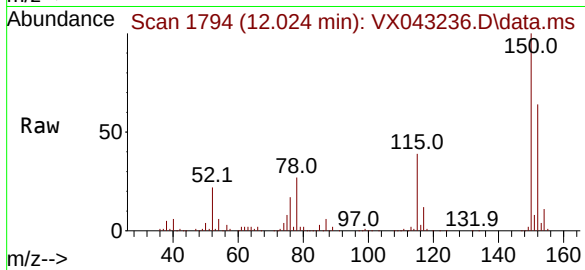
Tgt Ion:152 Resp: 56917

Ion Ratio Lower Upper

152 100

115 64.2 44.1 132.3

150 156.0 0.0 347.4



#74

N-ethyl acetate

Concen: 7.526 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.201 min

Lab File: VX043236.D

Acq: 02 Oct 2024 17:04

Tgt Ion: 43 Resp: 15809

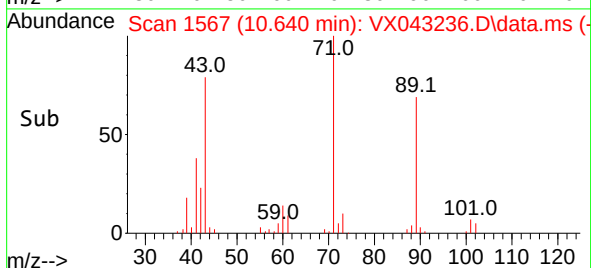
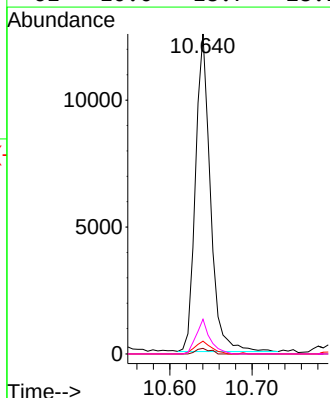
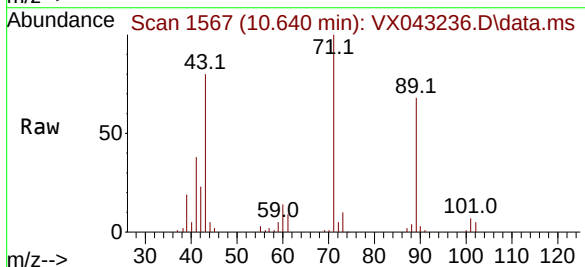
Ion Ratio Lower Upper

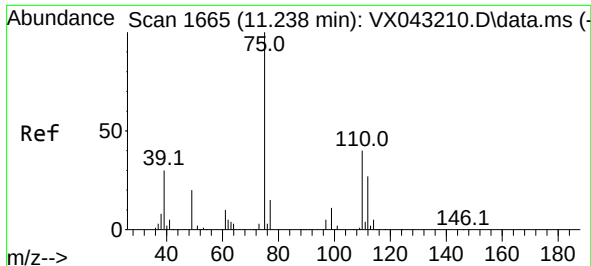
43 100

70 1.7 33.1 49.7#

55 4.4 18.6 27.8#

61 10.0 18.7 28.1#

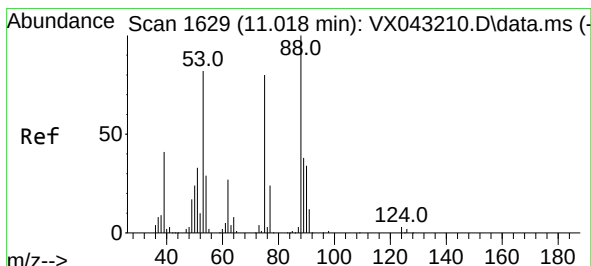
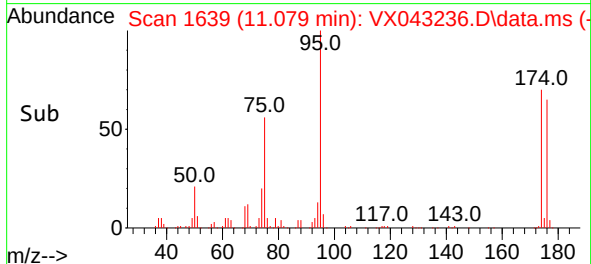
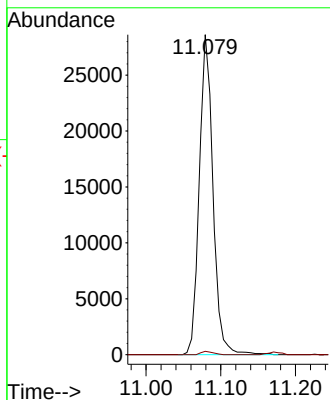
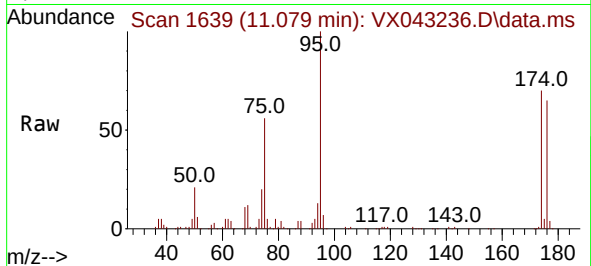




#76
1,2,3-Trichloropropane
Concen: 28.827 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 36394
Ion Ratio Lower Upper
75 100
77 0.9 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.710 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043236.D
Acq: 02 Oct 2024 17:04

Tgt Ion: 75 Resp: 36394
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.1 38.6 58.0#

