

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102124\
 Data File : VX043466.D
 Acq On : 21 Oct 2024 19:40
 Operator : JC/MD
 Sample : P4443-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 22 02:44:56 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

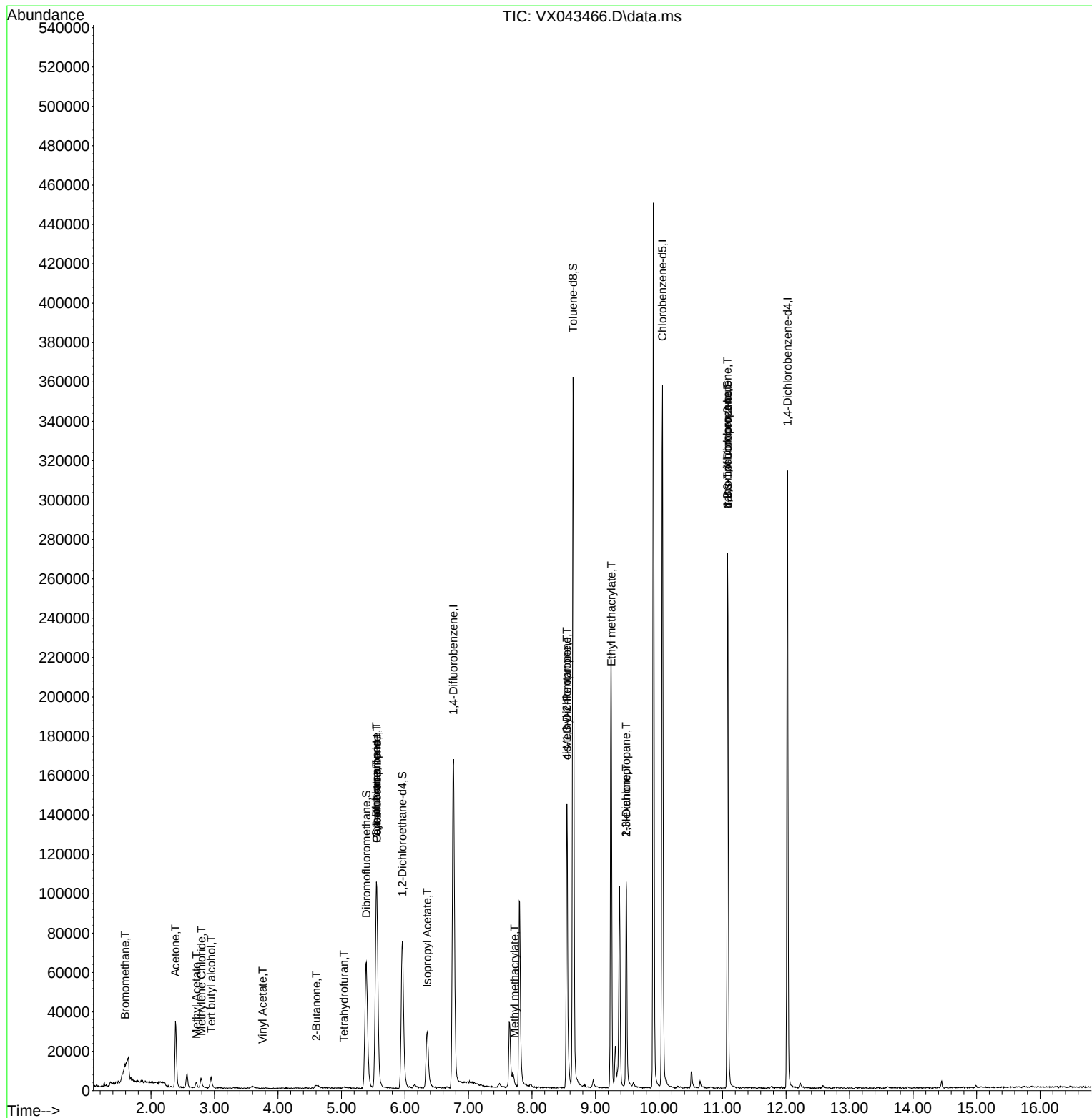
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	94463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76955	49.883	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.760%
35) Dibromofluoromethane	5.391	113	56428	46.801	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.600%
50) Toluene-d8	8.647	98	210337	50.340	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.680%
62) 4-Bromofluorobenzene	11.079	95	73975	48.733	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.460%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	121	0.261	ug/l #	2
11) Tert butyl alcohol	2.947	59	2889	9.841	ug/l #	71
16) Acetone	2.386	43	37119	57.615	ug/l	94
18) Methyl Acetate	2.715	43	4003	2.477	ug/l	92
20) Methylene Chloride	2.794	84	2206	1.857	ug/l #	89
23) Vinyl Acetate	3.757	43	45	6.350	ug/l #	71
25) 2-Butanone	4.605	43	3271	3.703	ug/l #	75
29) Tetrahydrofuran	5.038	42	551	0.979	ug/l #	73
31) Cyclohexane	5.550	56	2227	1.338	ug/l #	35
36) 1,1-Dichloropropene	5.550	75	8149	5.350	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10674	5.920	ug/l #	16
43) Isopropyl Acetate	6.348	43	43093	14.263	ug/l	99
48) Methyl methacrylate	7.726	41	311	0.210	ug/l #	13
51) 4-Methyl-2-Pentanone	8.549	43	55532	30.263	ug/l #	48
54) cis-1,3-Dichloropropene	8.549	75	23326	12.258	ug/l #	56
56) Ethyl methacrylate	9.250	69	665	0.354	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	981	0.501	ug/l #	43
59) 2-Hexanone	9.482	43	14969	10.787	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	40054	27.320	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	40054	70.805	ug/l #	8

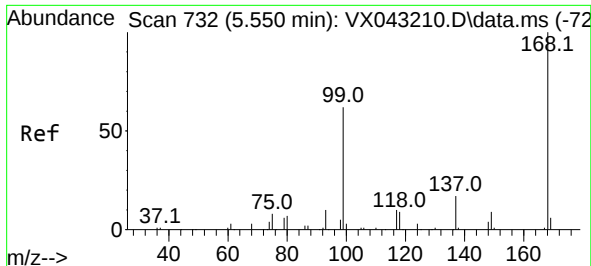
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

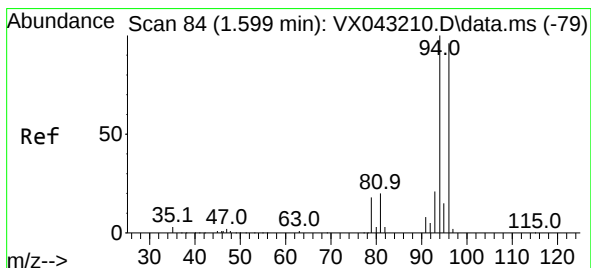
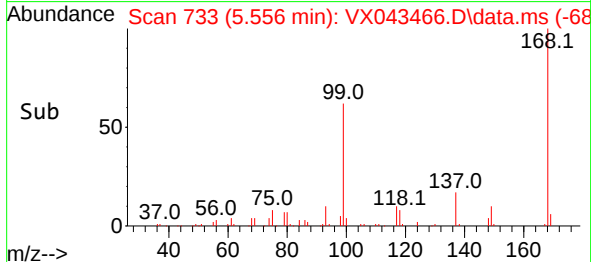
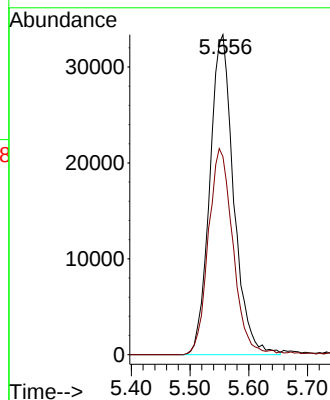
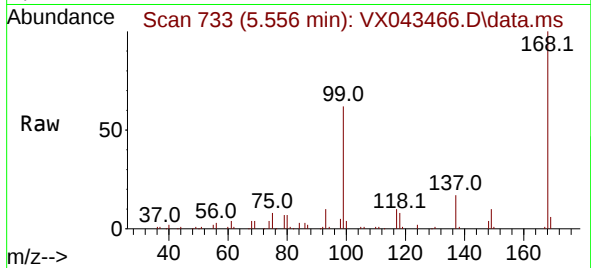




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043466.D
Acq: 21 Oct 2024 19:40

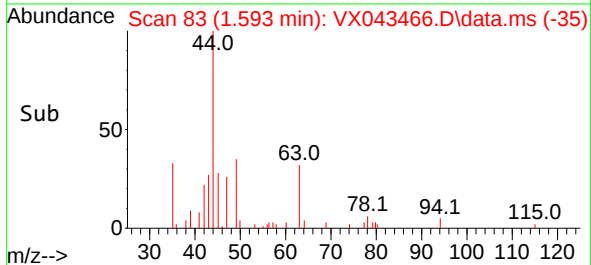
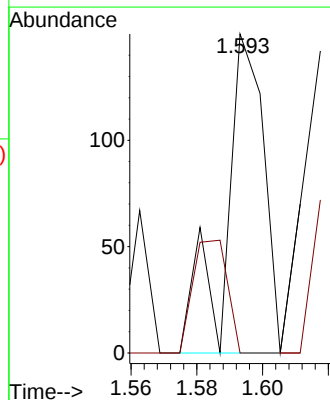
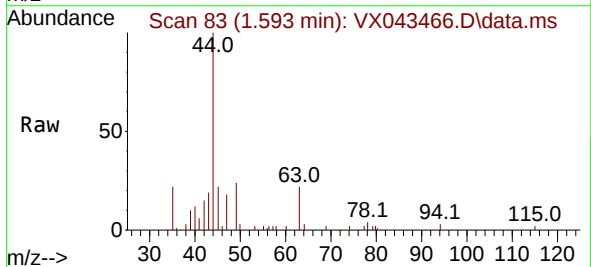
Instrument :
MSVOA_X
ClientSampleId :

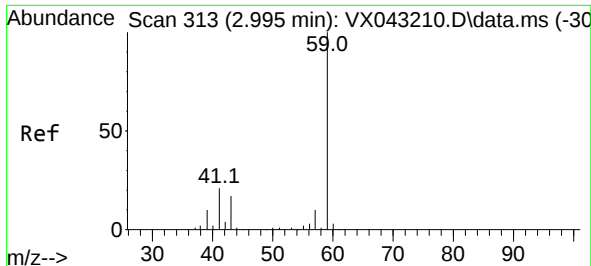
Tgt Ion:168 Resp: 94463
Ion Ratio Lower Upper
168 100
99 61.9 49.7 74.5



#5
Bromomethane
Concen: 0.261 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX043466.D
Acq: 21 Oct 2024 19:40

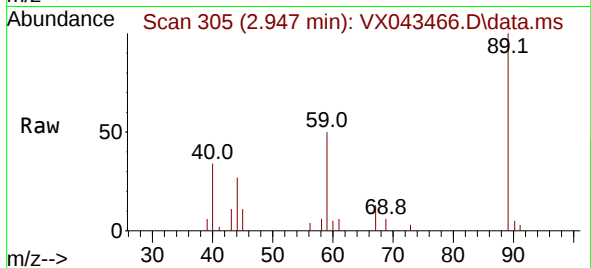
Tgt Ion: 94 Resp: 121
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#



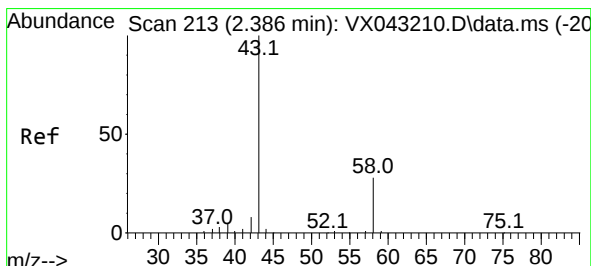
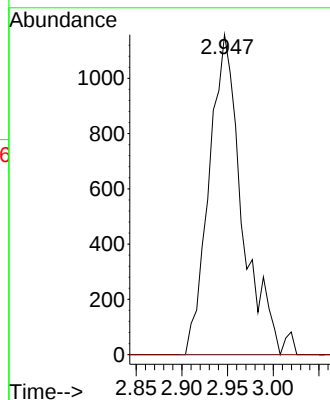
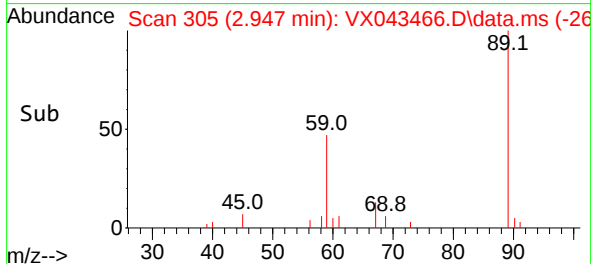


#11
Tert butyl alcohol
Concen: 9.841 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX043466.D
Acq: 21 Oct 2024 19:40

Instrument :
MSVOA_X
ClientSampleId :

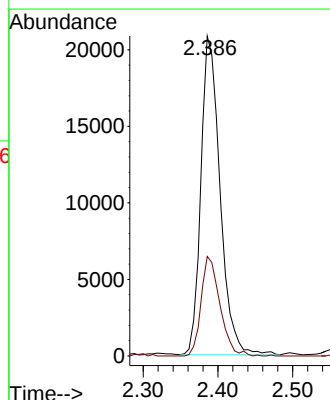
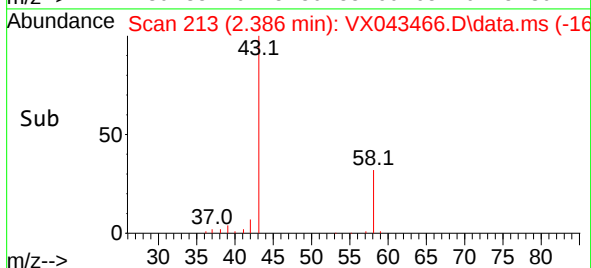
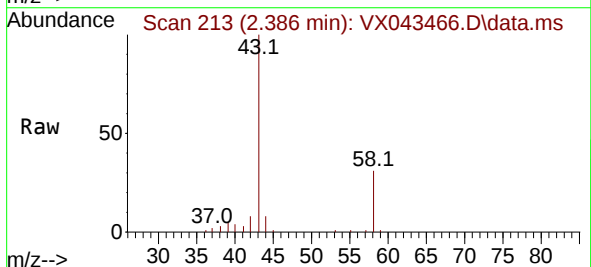


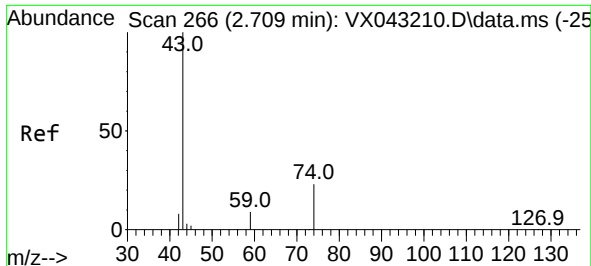
Tgt Ion: 59 Resp: 2889
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#16
Acetone
Concen: 57.615 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043466.D
Acq: 21 Oct 2024 19:40

Tgt Ion: 43 Resp: 37119
Ion Ratio Lower Upper
43 100
58 31.2 22.6 33.8

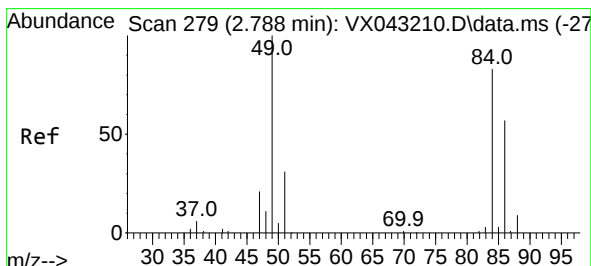
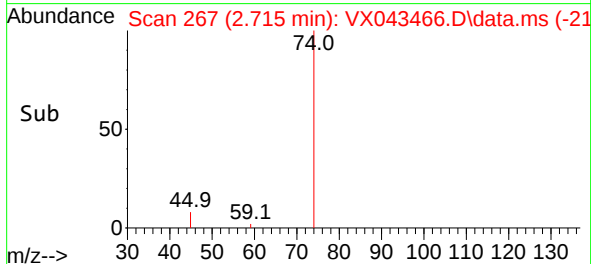
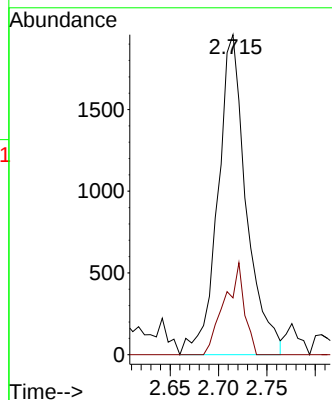
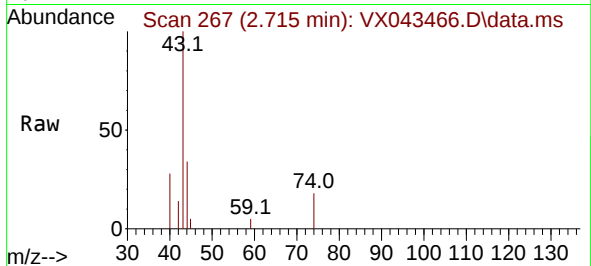




#18
Methyl Acetate
Concen: 2.477 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX043466.D
Acq: 21 Oct 2024 19:40

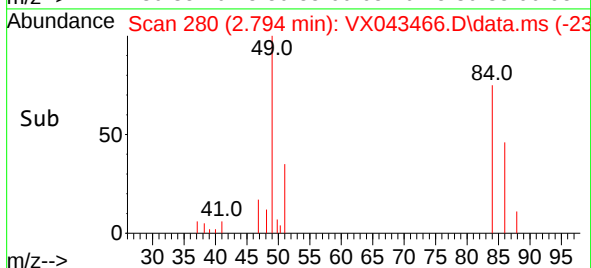
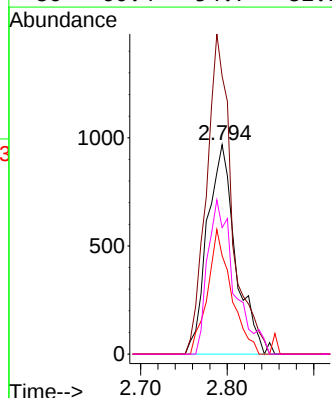
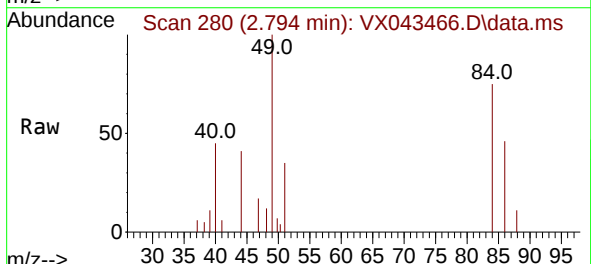
Instrument :
MSVOA_X
ClientSampleId :

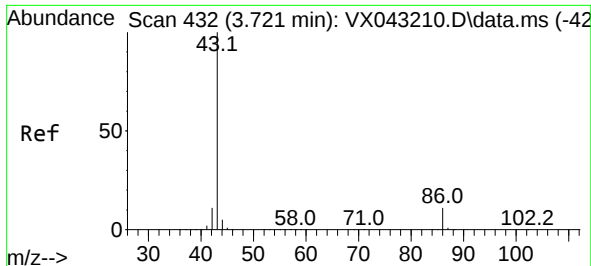
Tgt Ion: 43 Resp: 4003
Ion Ratio Lower Upper
43 100
74 20.1 19.1 28.7



#20
Methylene Chloride
Concen: 1.857 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX043466.D
Acq: 21 Oct 2024 19:40

Tgt Ion: 84 Resp: 2206
Ion Ratio Lower Upper
84 100
49 132.7 96.7 145.1
51 47.0 30.4 45.6#
86 60.4 54.7 82.1

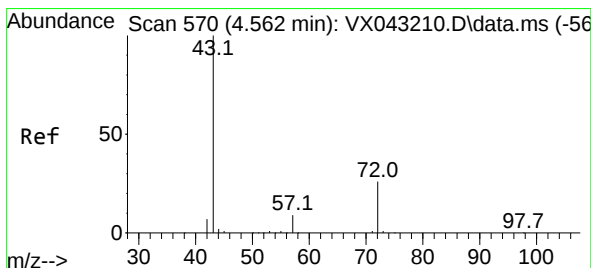
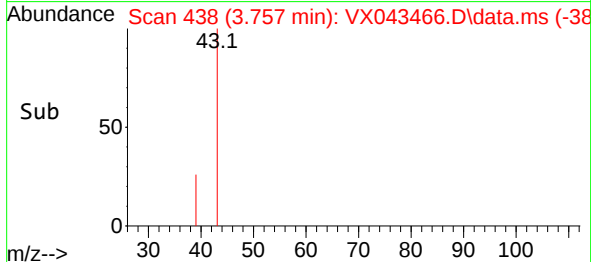
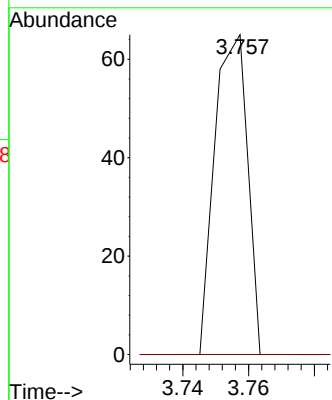
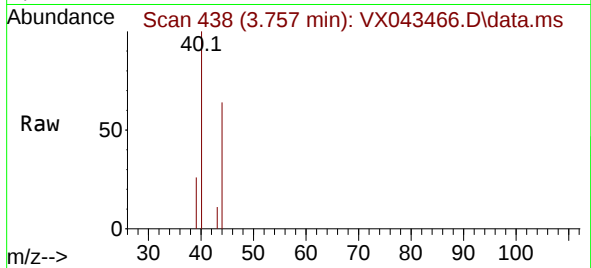




#23
Vinyl Acetate
Concen: 6.350 ug/l
RT: 3.757 min Scan# 41
Delta R.T. 0.036 min
Lab File: VX043466.D
Acq: 21 Oct 2024 19:40

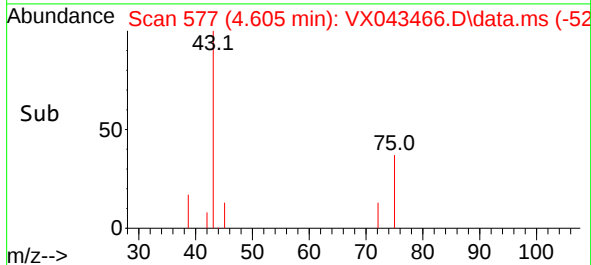
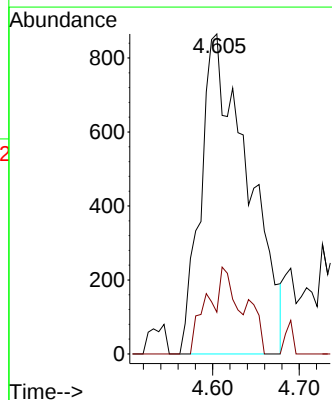
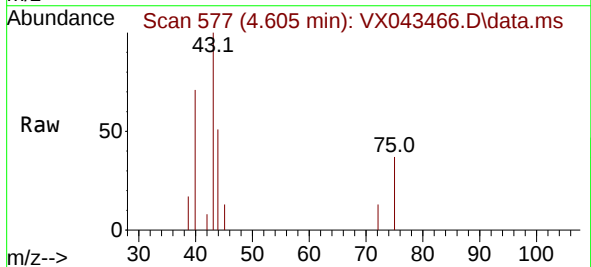
Instrument :
MSVOA_X
ClientSampleId :

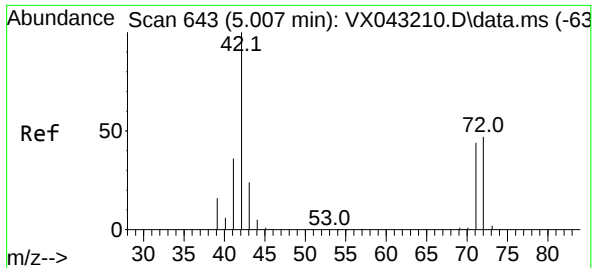
Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
86 0.0 8.8 13.2#



#25
2-Butanone
Concen: 3.703 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.043 min
Lab File: VX043466.D
Acq: 21 Oct 2024 19:40

Tgt Ion: 43 Resp: 3271
Ion Ratio Lower Upper
43 100
72 13.1 20.6 31.0#





#29

Tetrahydrofuran

Concen: 0.979 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.030 min

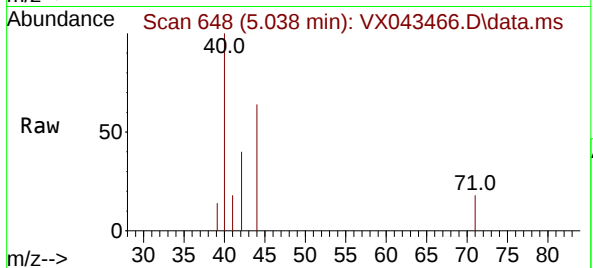
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Acq: 21 Oct 2024 19:40

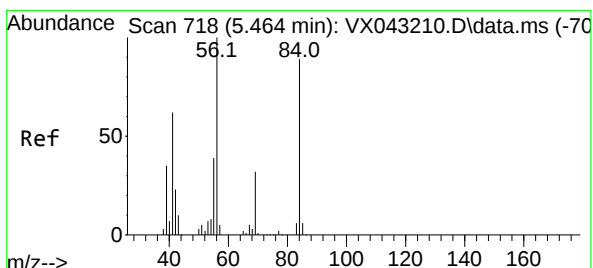
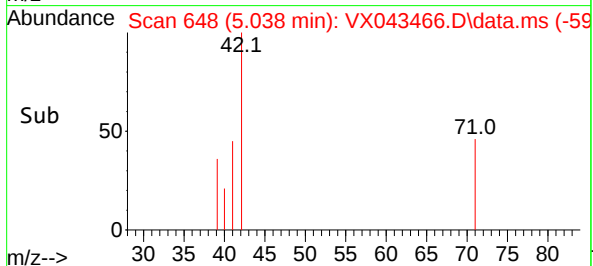
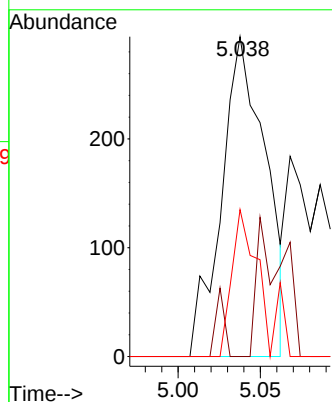
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	551
Ion	Ratio	Lower	Upper
42	100		
72	25.4	37.7	56.5#
71	29.9	34.6	52.0#



#31

Cyclohexane

Concen: 1.338 ug/l

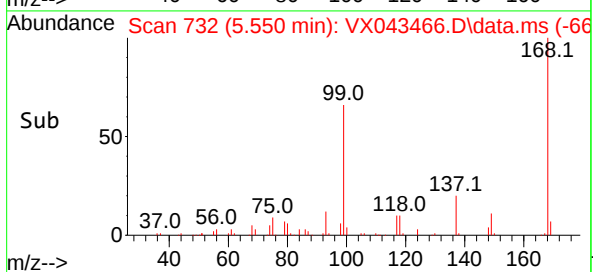
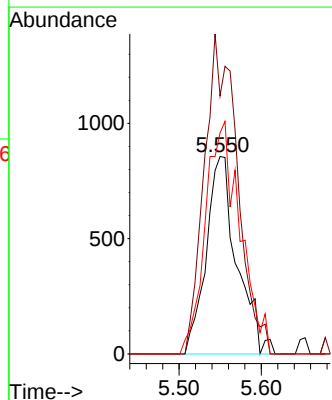
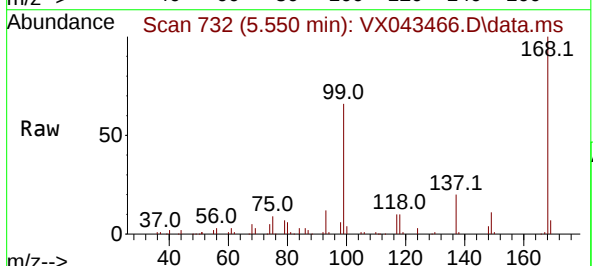
RT: 5.550 min Scan# 732

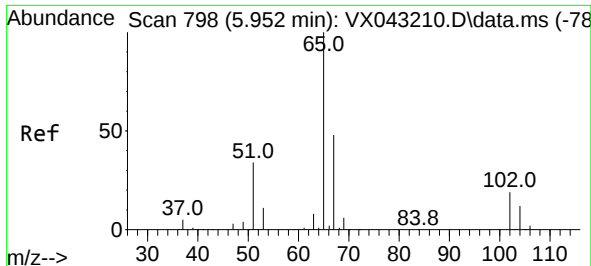
Delta R.T. 0.085 min

Lab File: VX043466.D

Acq: 21 Oct 2024 19:40

Tgt Ion:	56	Resp:	2227
Ion	Ratio	Lower	Upper
56	100		
69	130.7	25.8	38.6#
84	111.9	71.1	106.7#





#33

1,2-Dichloroethane-d4

Concen: 49.883 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043466.D

Acq: 21 Oct 2024 19:40

Instrument :

MSVOA_X

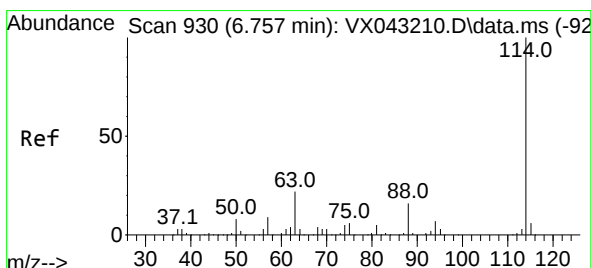
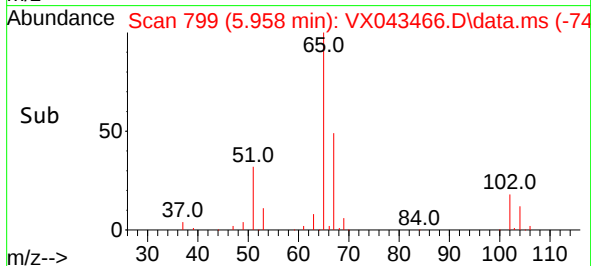
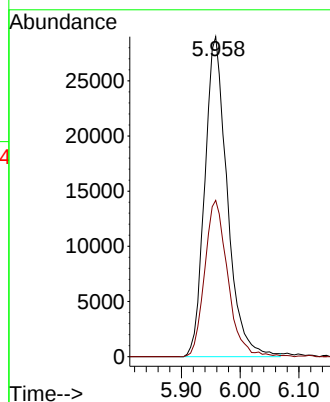
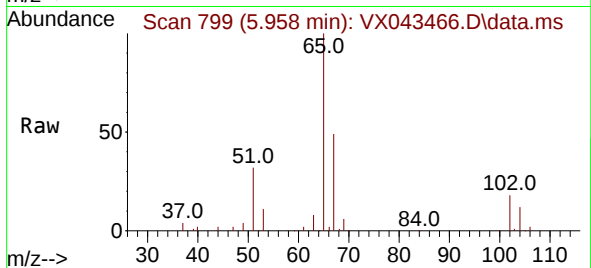
ClientSampleId :

Tgt Ion: 65 Resp: 76955

Ion Ratio Lower Upper

65 100

67 50.2 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX043466.D

Acq: 21 Oct 2024 19:40

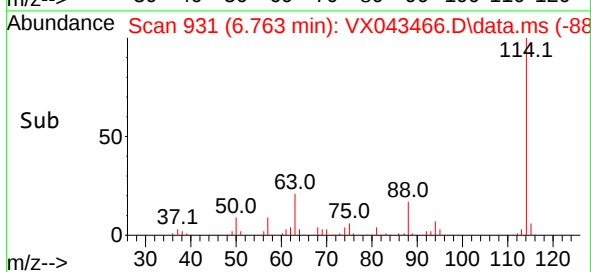
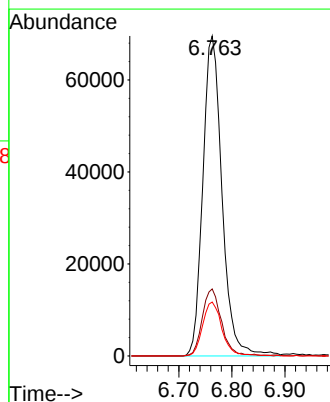
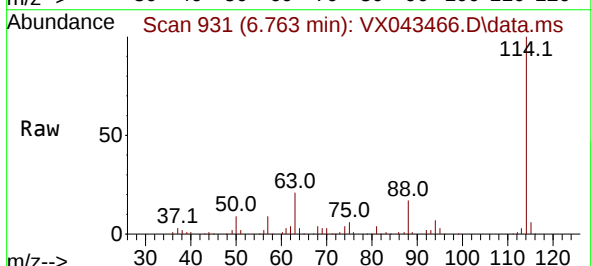
Tgt Ion: 114 Resp: 174832

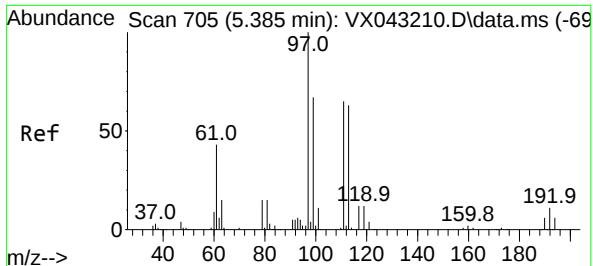
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.0

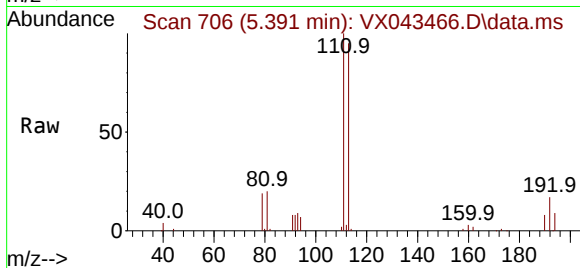
88 16.9 0.0 33.0



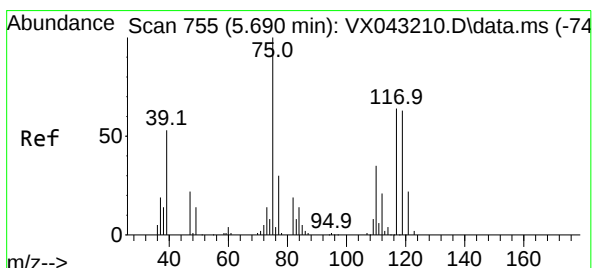
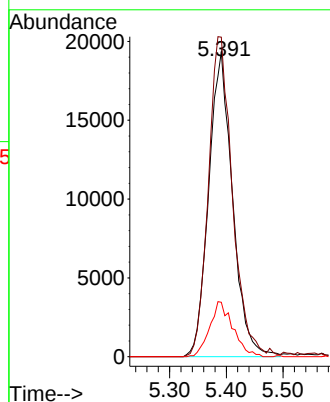
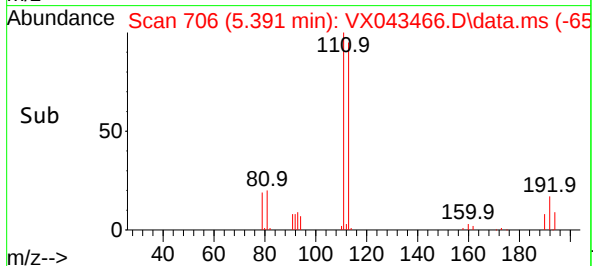


#35
Dibromofluoromethane
Concen: 46.801 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043466.D
Acq: 21 Oct 2024 19:40

Instrument :
MSVOA_X
ClientSampleId :

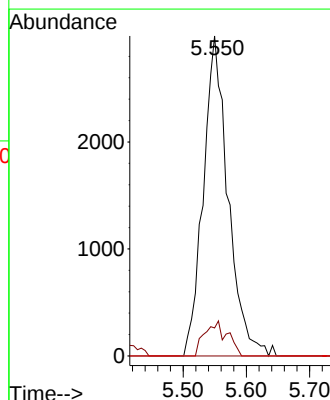
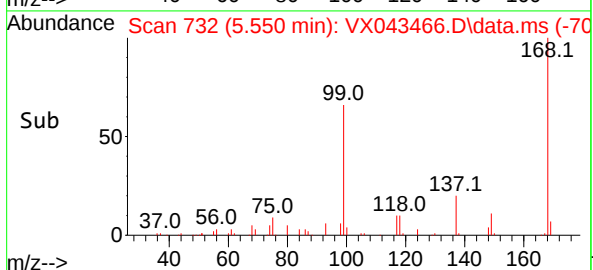
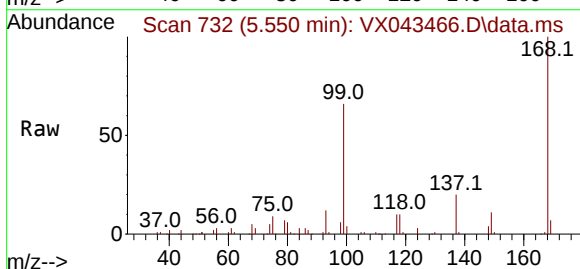


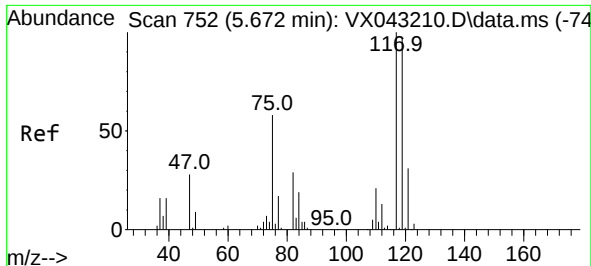
Tgt Ion:113 Resp: 56428
Ion Ratio Lower Upper
113 100
111 105.3 83.4 125.0
192 17.6 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.350 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043466.D
Acq: 21 Oct 2024 19:40

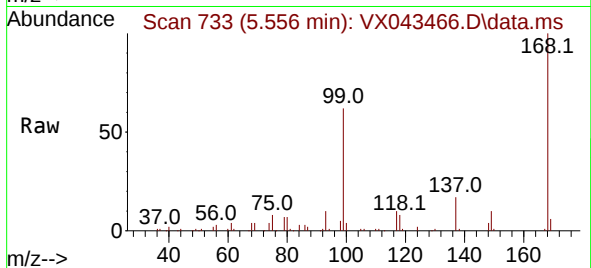
Tgt Ion: 75 Resp: 8149
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.3#
77 0.0 24.9 37.3#



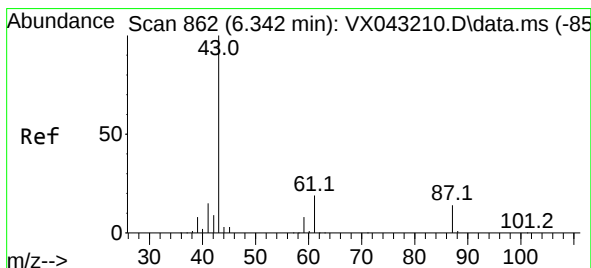
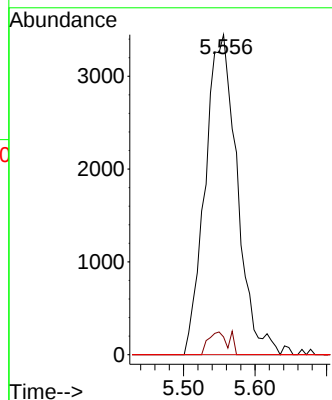
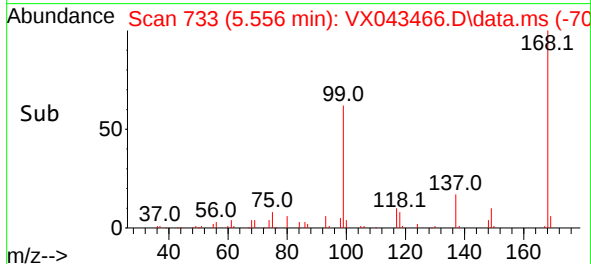


#38
Carbon Tetrachloride
Concen: 5.920 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX043466.D
Acq: 21 Oct 2024 19:40

Instrument :
MSVOA_X
ClientSampleId :

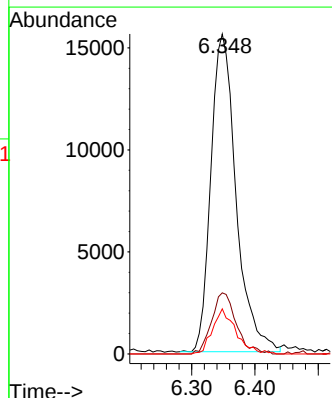
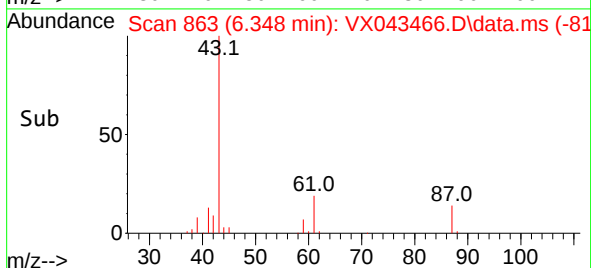
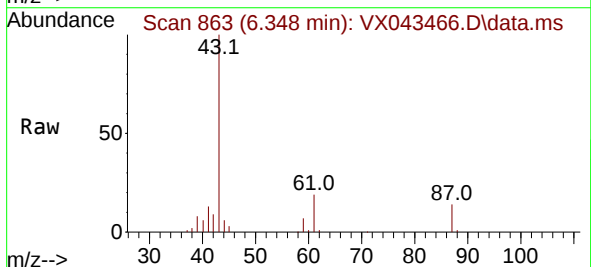


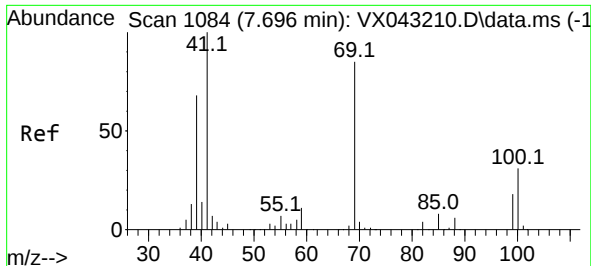
Tgt Ion:117 Resp: 10674
Ion Ratio Lower Upper
117 100
119 5.5 77.7 116.5#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 14.263 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX043466.D
Acq: 21 Oct 2024 19:40

Tgt Ion: 43 Resp: 43093
Ion Ratio Lower Upper
43 100
61 18.8 15.1 22.7
87 12.9 10.8 16.2





#48

Methyl methacrylate

Concen: 0.210 ug/l

RT: 7.726 min Scan# 1089

Delta R.T. 0.030 min

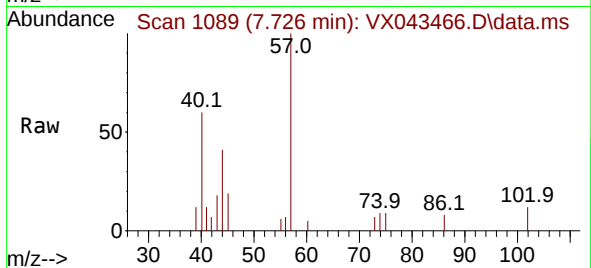
Lab File: VX043466.D

Acq: 21 Oct 2024 19:40

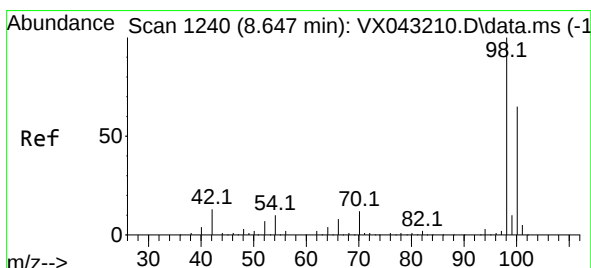
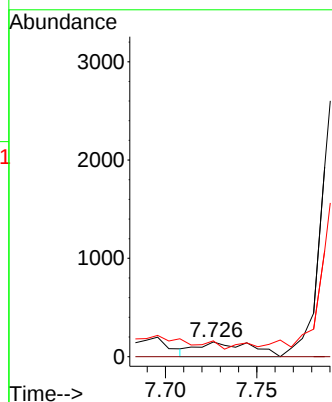
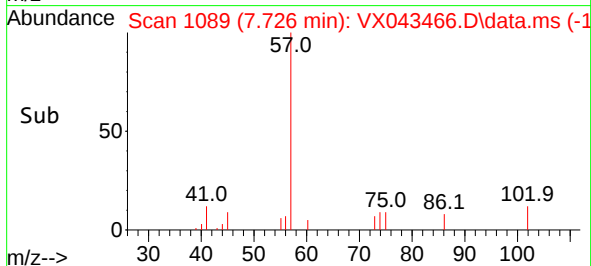
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	41	Resp:	311
Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.1	96.1#
39	0.0	52.8	79.2#



#50

Toluene-d8

Concen: 50.340 ug/l

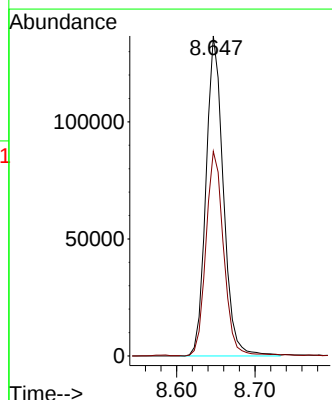
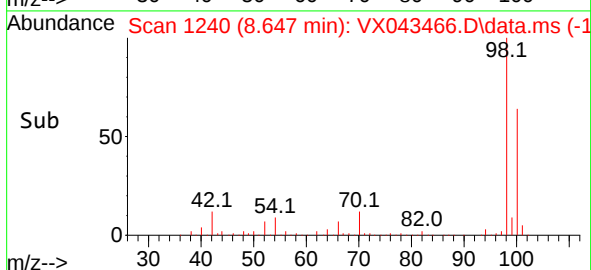
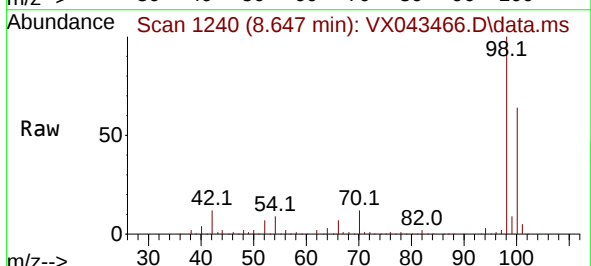
RT: 8.647 min Scan# 1240

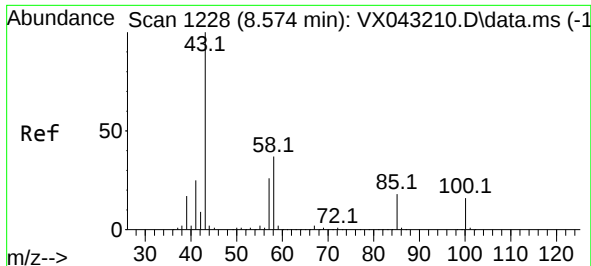
Delta R.T. -0.000 min

Lab File: VX043466.D

Acq: 21 Oct 2024 19:40

Tgt Ion:	98	Resp:	210337
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 30.263 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX043466.D

Acq: 21 Oct 2024 19:40

Instrument :

MSVOA_X

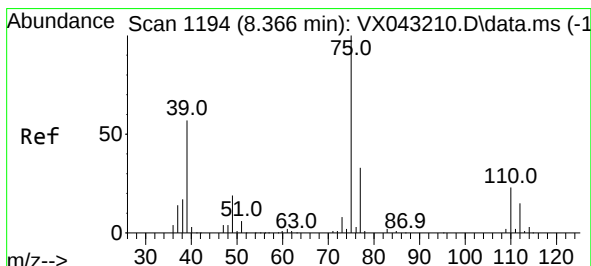
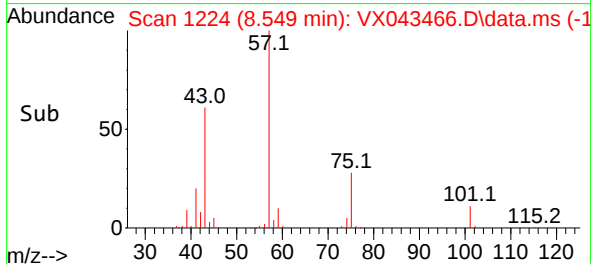
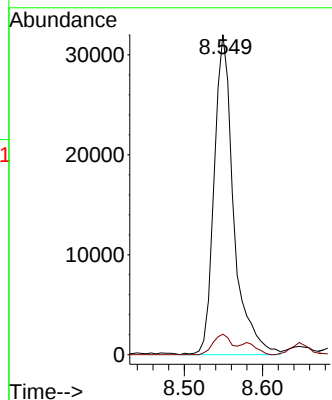
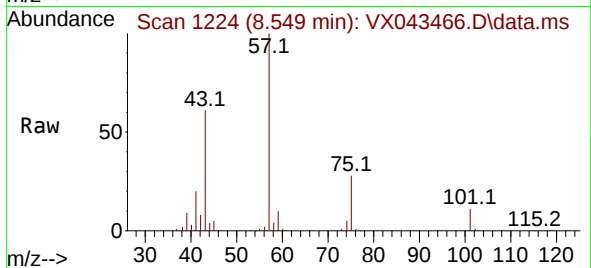
ClientSampleId :

Tgt Ion: 43 Resp: 55532

Ion Ratio Lower Upper

43 100

58 6.1 30.0 45.0#



#54

cis-1,3-Dichloropropene

Concen: 12.258 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX043466.D

Acq: 21 Oct 2024 19:40

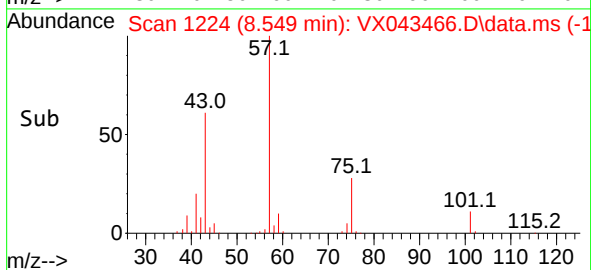
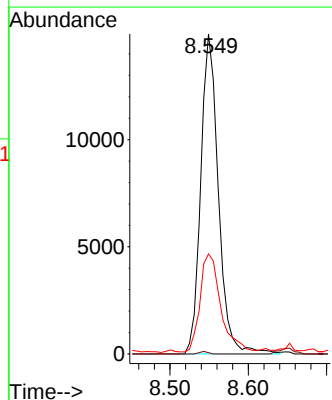
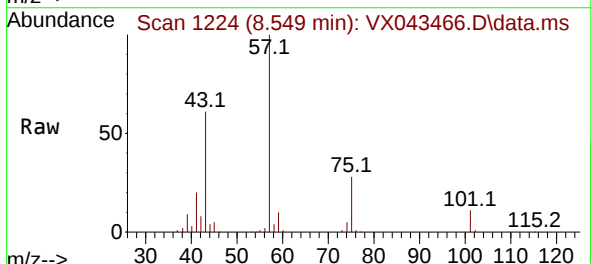
Tgt Ion: 75 Resp: 23326

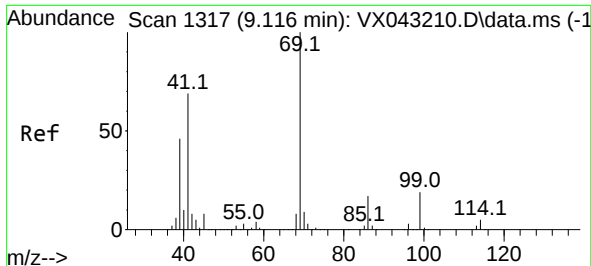
Ion Ratio Lower Upper

75 100

77 0.4 26.0 39.0#

39 30.6 45.8 68.8#

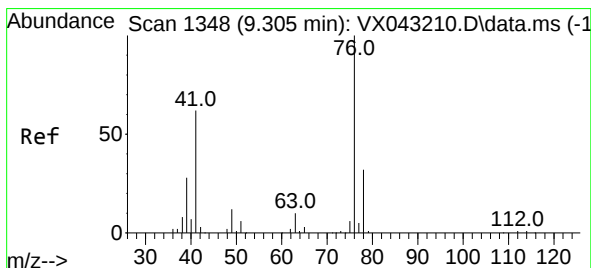
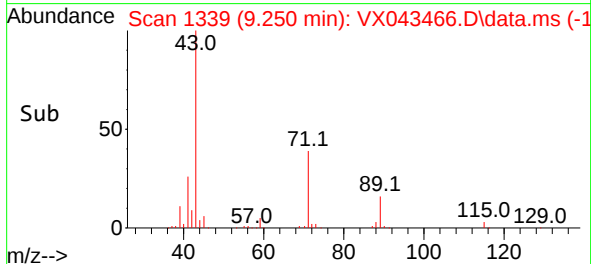
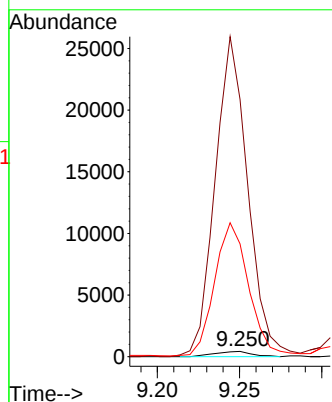
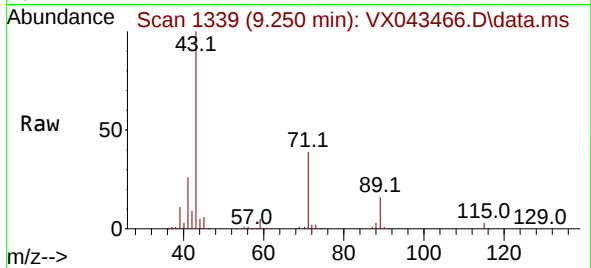




#56
Ethyl methacrylate
Concen: 0.354 ug/l
RT: 9.250 min Scan# 11
Delta R.T. 0.134 min
Lab File: VX043466.D
Acq: 21 Oct 2024 19:40

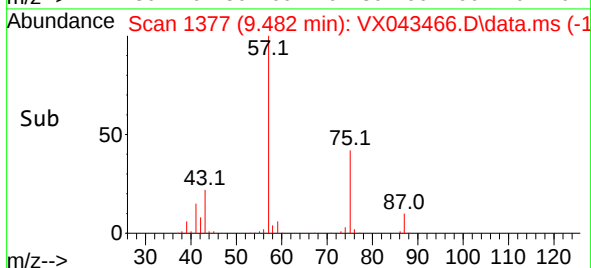
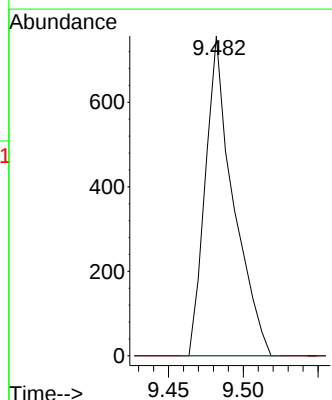
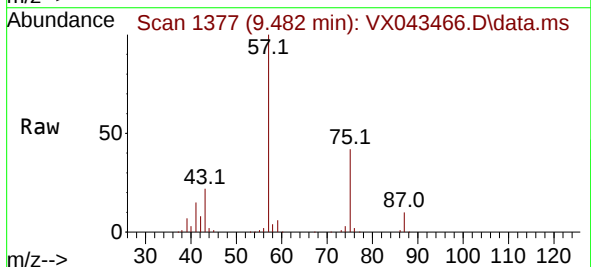
Instrument :
MSVOA_X
ClientSampleId :

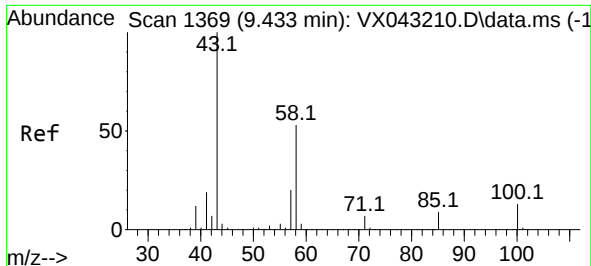
Tgt Ion: 69 Resp: 665
Ion Ratio Lower Upper
69 100
41 5407.1 56.1 84.1#
39 2344.1 36.4 54.6#



#57
1,3-Dichloropropane
Concen: 0.501 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX043466.D
Acq: 21 Oct 2024 19:40

Tgt Ion: 76 Resp: 981
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

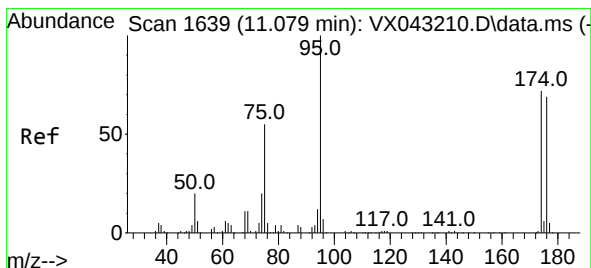
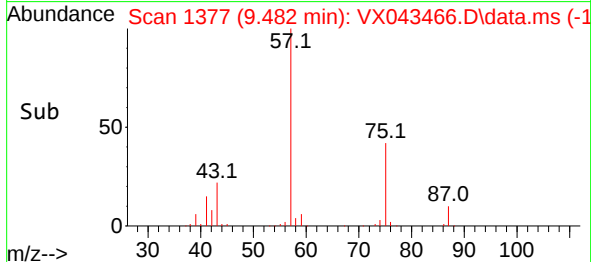
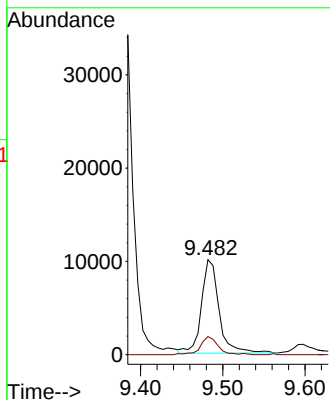
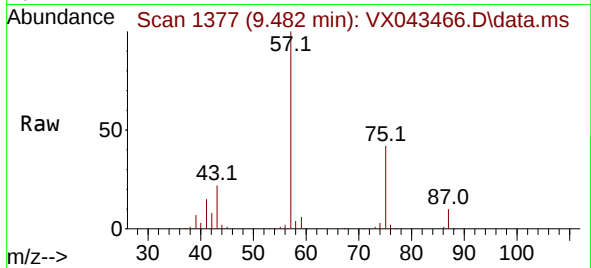




#59
2-Hexanone
Concen: 10.787 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX043466.D
Acq: 21 Oct 2024 19:40

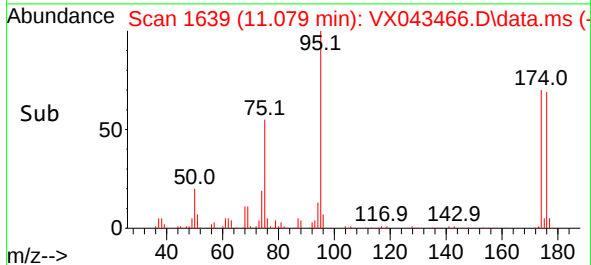
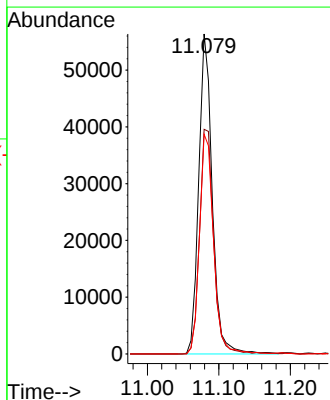
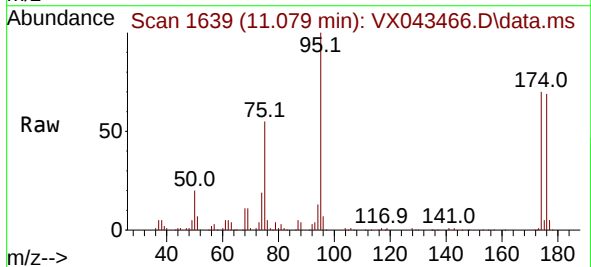
Instrument :
MSVOA_X
ClientSampleId :

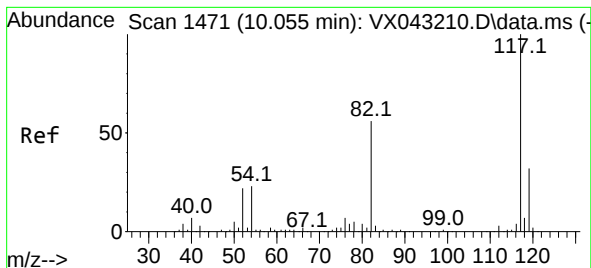
Tgt Ion: 43 Resp: 14969
Ion Ratio Lower Upper
43 100
58 19.4 26.1 78.3#



#62
4-Bromofluorobenzene
Concen: 48.733 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043466.D
Acq: 21 Oct 2024 19:40

Tgt Ion: 95 Resp: 73975
Ion Ratio Lower Upper
95 100
174 73.1 0.0 145.0
176 71.4 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: VX043466.D

Acq: 21 Oct 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

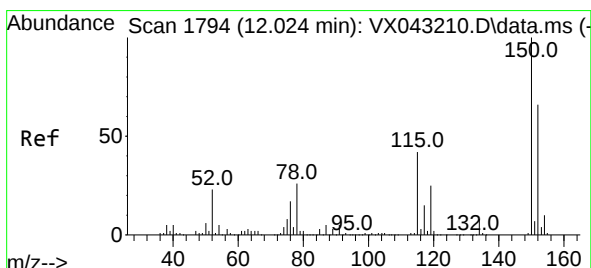
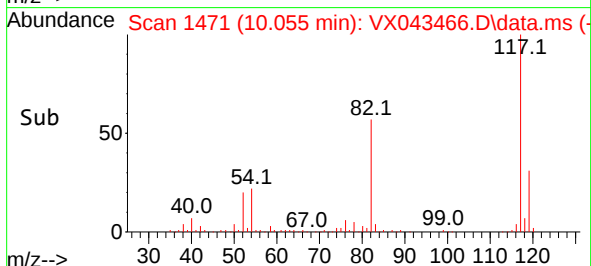
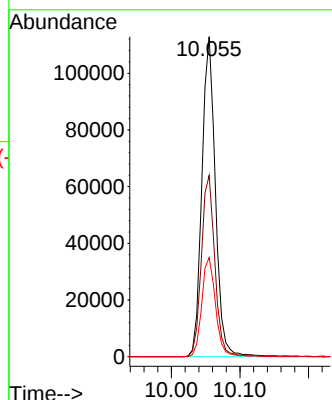
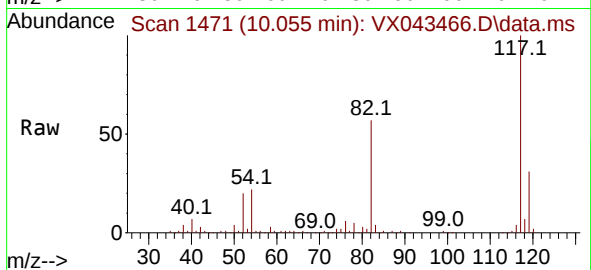
Tgt Ion:117 Resp: 155038

Ion Ratio Lower Upper

117 100

82 56.6 45.0 67.6

119 31.0 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX043466.D

Acq: 21 Oct 2024 19:40

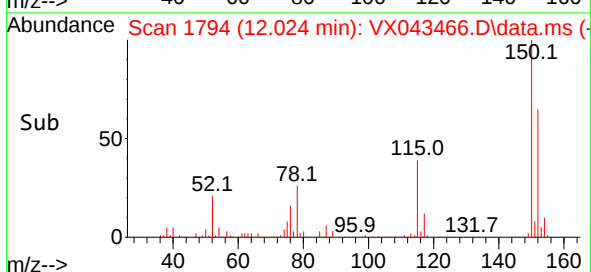
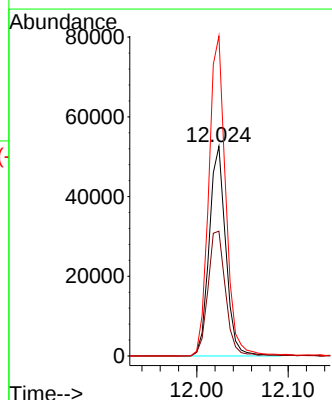
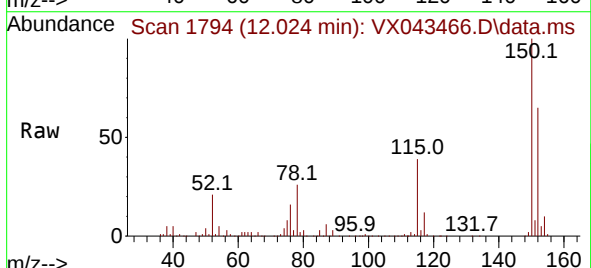
Tgt Ion:152 Resp: 66096

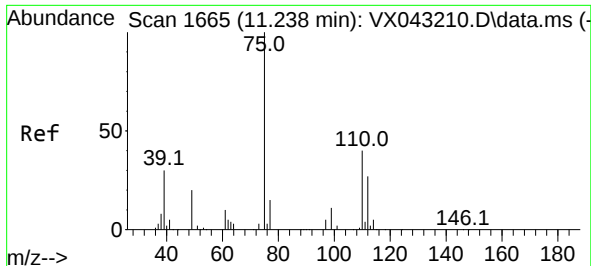
Ion Ratio Lower Upper

152 100

115 63.6 44.1 132.3

150 155.6 0.0 347.4

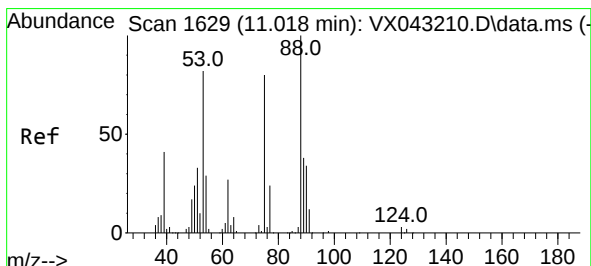
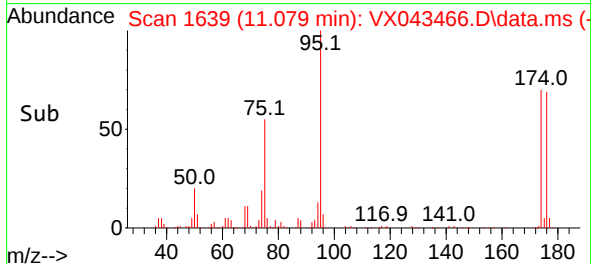
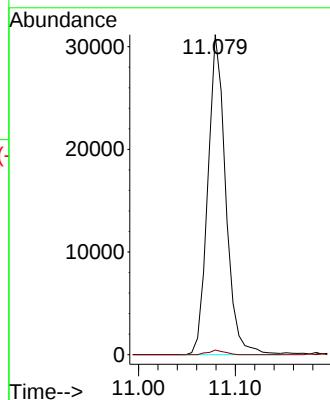
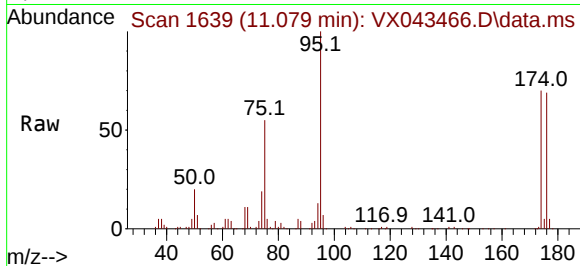




#76
1,2,3-Trichloropropane
Concen: 27.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043466.D
Acq: 21 Oct 2024 19:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 40054
Ion Ratio Lower Upper
75 100
77 1.3 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.805 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043466.D
Acq: 21 Oct 2024 19:40

Tgt Ion: 75 Resp: 40054
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

