

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045013.D
 Acq On : 21 Feb 2025 11:52
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 22 01:11:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	17328	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	93478	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	83405	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	50610	30.071	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.233%	
60) 4-Bromofluorobenzene	11.079	95	44515	28.554	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 95.167%	
63) Toluene-d8	8.647	98	141833	30.739	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.467%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.160	85	307	0.210	ug/l	83
3) Chloromethane	1.288	50	512	0.293	ug/l #	85
4) Vinyl Chloride	1.374	62	366	0.217	ug/l #	24
5) Bromomethane	1.593	94	375	0.638	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.319	101	323	0.240	ug/l	85
10) 1,1-Dichloroethene	2.313	96	364	0.277	ug/l #	83
11) Methyl Iodide	2.447	142	758	0.509	ug/l	97
12) Methyl Acetate	2.703	43	483	0.316	ug/l	93
13) Acrolein	2.233	56	772	2.520	ug/l	89
14) Acrylonitrile	3.069	53	812	1.088	ug/l	67
15) Acetone	2.380	58	327	1.597	ug/l #	30
16) Carbon Disulfide	2.508	76	5664	1.517	ug/l #	94
17) Allyl chloride	2.654	41	495	0.201	ug/l #	58
19) trans-1,2-Dichloroethene	3.087	96	643	0.483	ug/l #	73
23) tert-Butyl Alcohol	2.934	59	1327	5.091	ug/l #	100
29) 1,1-Dichloropropene	5.696	75	499	0.290	ug/l #	42
30) 2-Butanone	4.605	43	520	0.524	ug/l #	57
37) Trichloroethene	7.135	130	253	0.201	ug/l	99
38) Methylcyclohexane	7.373	83	462	0.200	ug/l	86
40) Dibromomethane	7.598	93	275	0.286	ug/l	94
42) Vinyl Acetate	3.739	43	920	0.239	ug/l #	76
45) 1,4-Dioxane	7.690	88	98	3.075	ug/l #	23
48) t-1,3-Dichloropropene	9.000	75	425	0.231	ug/l #	43
51) Ethyl methacrylate	8.647	69	460	0.233	ug/l #	87
55) 2-Chloroethyl vinyl ether	8.257	63	840	0.829	ug/l #	88
56) Bromoform	11.079	173	287	0.330	ug/l #	1
58) 4-Methyl-2-Pentanone	8.574	43	771	0.406	ug/l #	92
59) 2-Hexanone	9.452	43	543	0.396	ug/l #	90
61) Tetrachloroethene	9.269	164	365	0.355	ug/l #	82
64) Chlorobenzene	10.073	112	806	0.235	ug/l #	87
67) m/p-Xylenes	10.305	106	733	0.325	ug/l	75
73) Bromobenzene	11.195	156	352	0.268	ug/l	95
74) n-propylbenzene	11.305	91	1753	0.258	ug/l	92
75) 2-Chlorotoluene	11.366	91	973	0.237	ug/l	86
78) 4-Chlorotoluene	11.463	91	1587	0.347	ug/l	82
80) 1,2,4-Trimethylbenzene	11.756	105	948	0.201	ug/l	94
81) sec-Butylbenzene	11.890	105	1975	0.332	ug/l	100
82) p-Isopropyltoluene	12.012	119	1555	0.322	ug/l	92
83) 1,3-Dichlorobenzene	11.976	146	1113	0.455	ug/l	97

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IBLK

Quant Time: Feb 22 01:11:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 01:06:36 2025
Response via : Initial Calibration

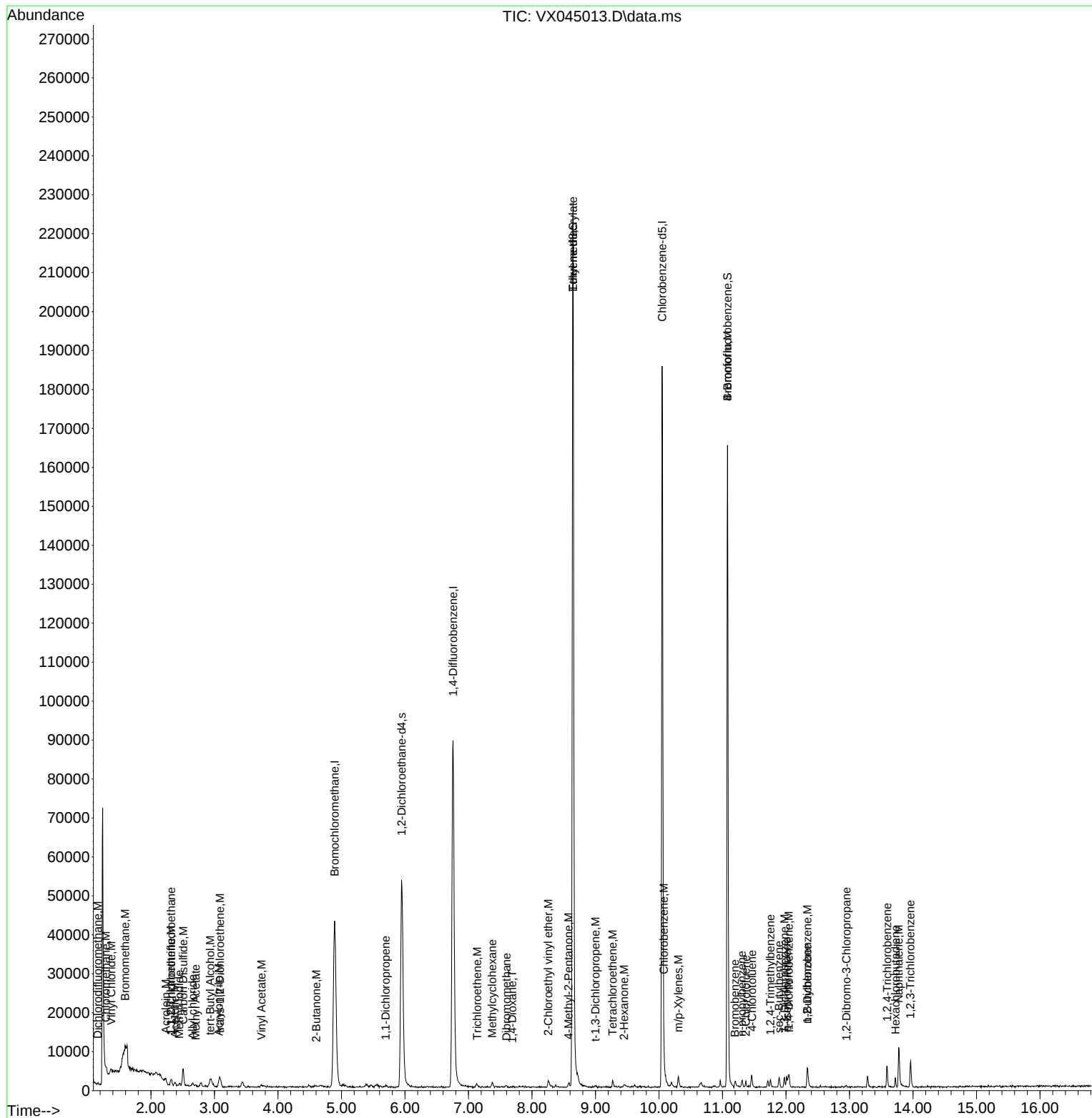
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,4-Dichlorobenzene	12.043	146	1509	0.626	ug/l	90
85) n-Butylbenzene	12.335	91	2374	0.539	ug/l	93
87) 1,2-Dichlorobenzene	12.335	146	929	0.387	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.951	75	105	0.289	ug/l #	50
89) 1,2,4-Trichlorobenzene	13.591	180	1551	1.067	ug/l	97
90) Hexachlorobutadiene	13.725	225	369	0.623	ug/l	94
91) Naphthalene	13.774	128	7789	1.520	ug/l	98
92) 1,2,3-Trichlorobenzene	13.957	180	2020	1.350	ug/l	85

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

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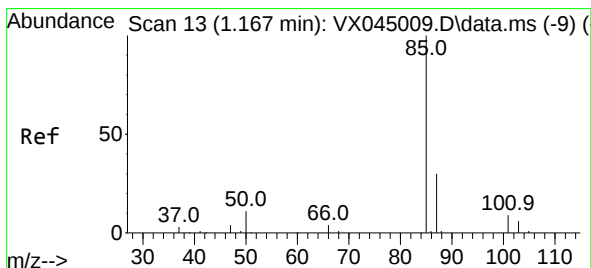
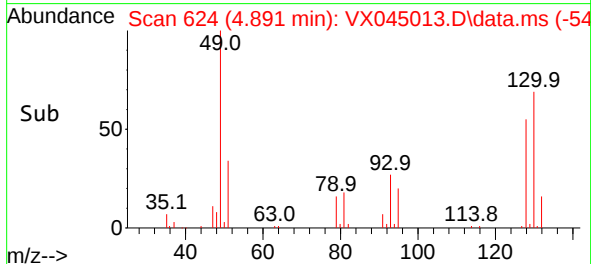
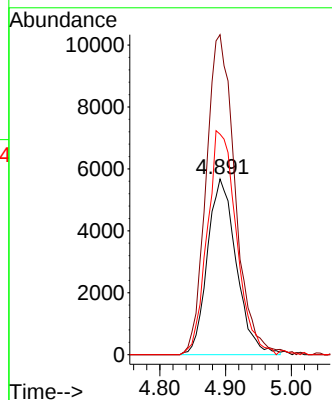
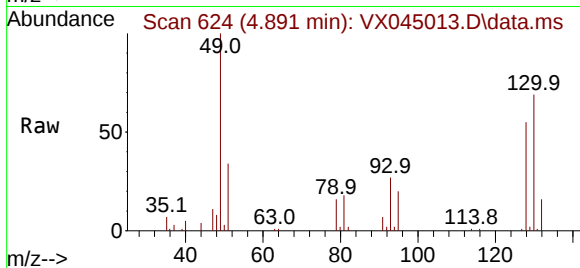




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.891 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VX045013.D
 Acq: 21 Feb 2025 11:52

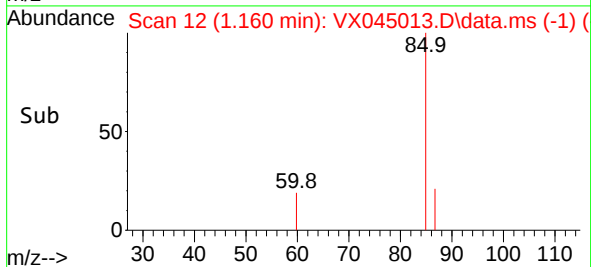
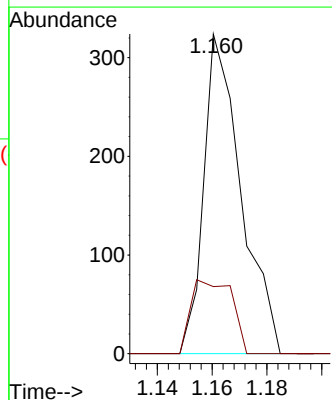
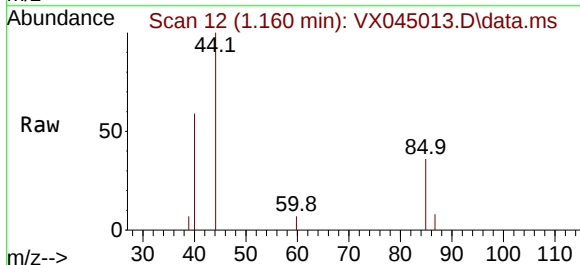
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

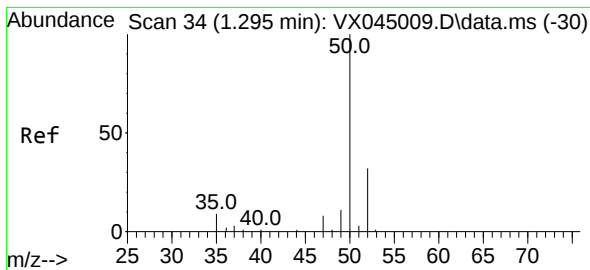
Tgt Ion:	128	Resp:	17328
Ion	Ratio	Lower	Upper
128	100		
49	183.3	0.0	449.7
130	129.1	0.0	312.7



#2
 Dichlorodifluoromethane
 Concen: 0.210 ug/l
 RT: 1.160 min Scan# 12
 Delta R.T. -0.006 min
 Lab File: VX045013.D
 Acq: 21 Feb 2025 11:52

Tgt Ion:	85	Resp:	307
Ion	Ratio	Lower	Upper
85	100		
87	21.0	15.1	45.3





#3

Chloromethane

Concen: 0.293 ug/l

RT: 1.288 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX045013.D

Acq: 21 Feb 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

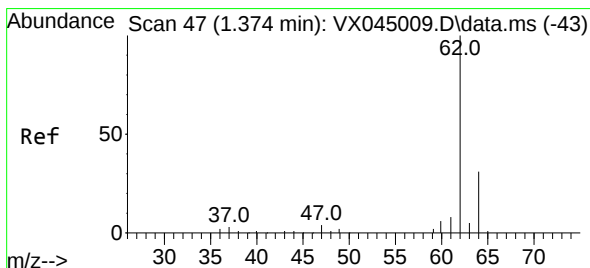
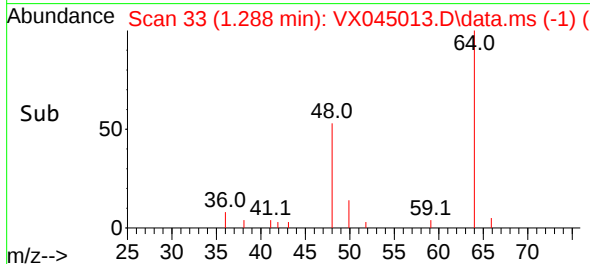
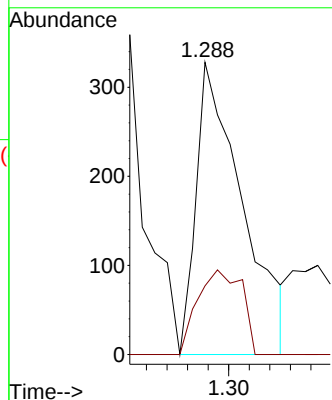
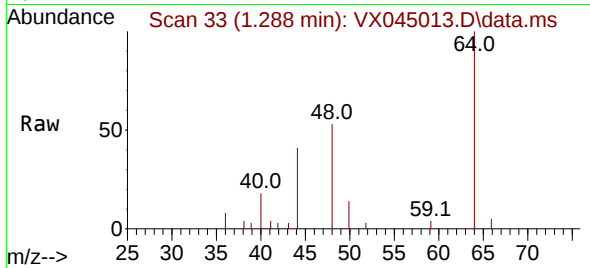
IBLK

Tgt Ion: 50 Resp: 512

Ion Ratio Lower Upper

50 100

52 23.5 25.7 38.5#



#4

Vinyl Chloride

Concen: 0.217 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX045013.D

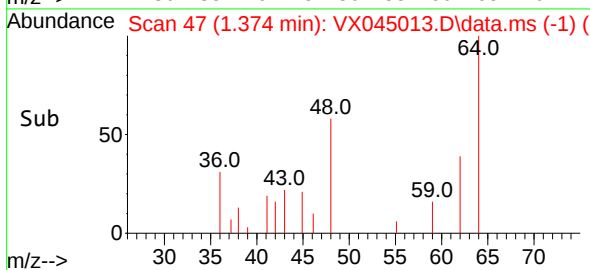
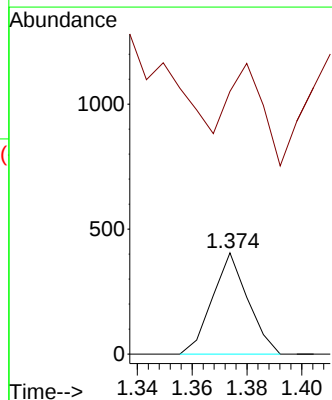
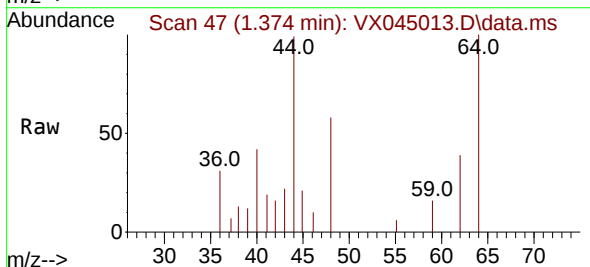
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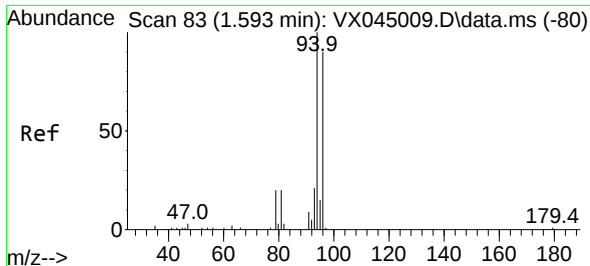
Tgt Ion: 62 Resp: 366

Ion Ratio Lower Upper

62 100

64 73.6 25.1 37.7#

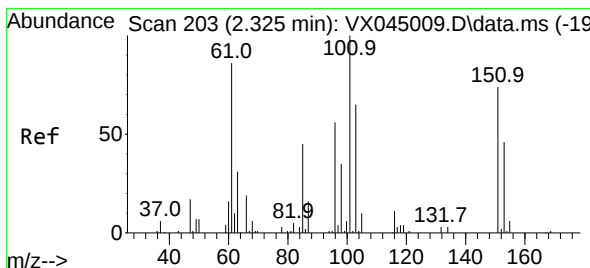
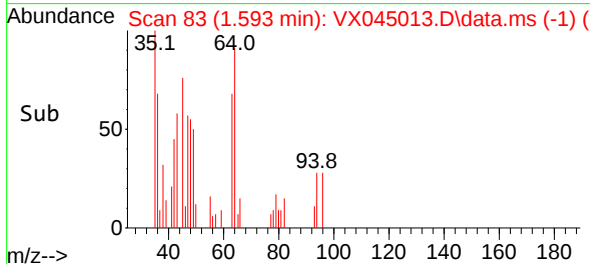
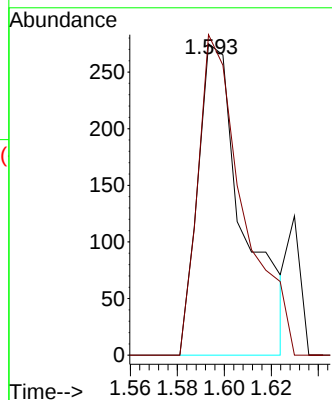
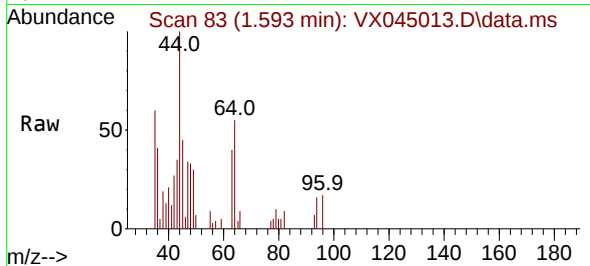




#5
Bromomethane
Concen: 0.638 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

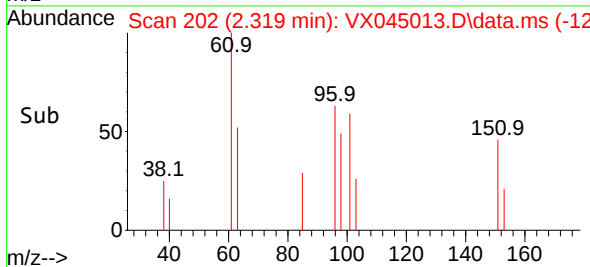
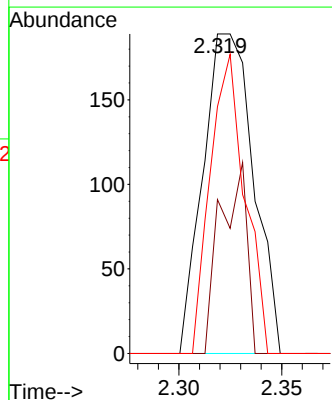
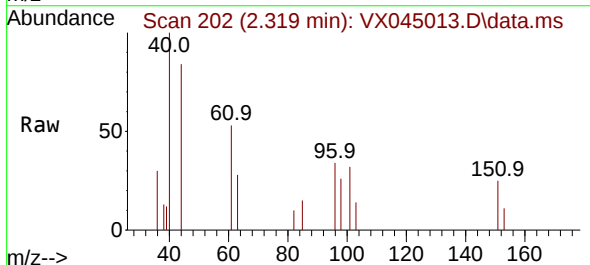
Instrument :
MSVOA_X
ClientSampleId :
IBLK

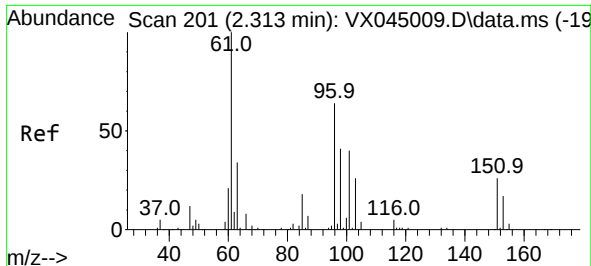
Tgt Ion: 94 Resp: 375
Ion Ratio Lower Upper
94 100
96 102.9 72.2 108.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.240 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

Tgt Ion: 101 Resp: 323
Ion Ratio Lower Upper
101 100
85 31.6 0.0 90.6
151 64.4 0.0 147.6





#10

1,1-Dichloroethene

Concen: 0.277 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX045013.D

Acq: 21 Feb 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

IBLK

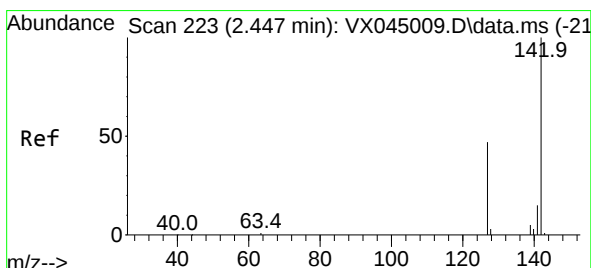
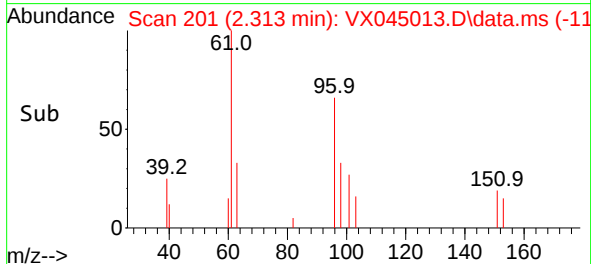
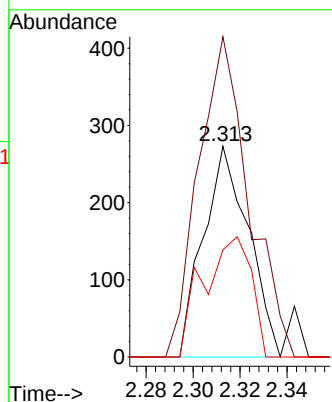
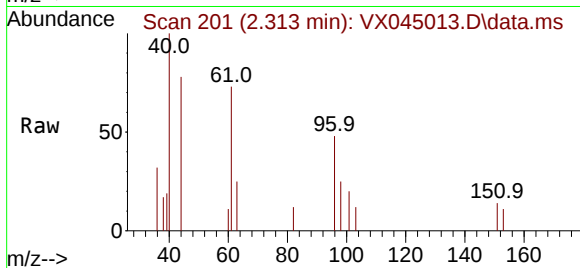
Tgt Ion: 96 Resp: 364

Ion Ratio Lower Upper

96 100

61 132.6 124.2 186.2

98 50.9 51.1 76.7#



#11

Methyl Iodide

Concen: 0.509 ug/l

RT: 2.447 min Scan# 223

Delta R.T. 0.000 min

Lab File: VX045013.D

Acq: 21 Feb 2025 11:52

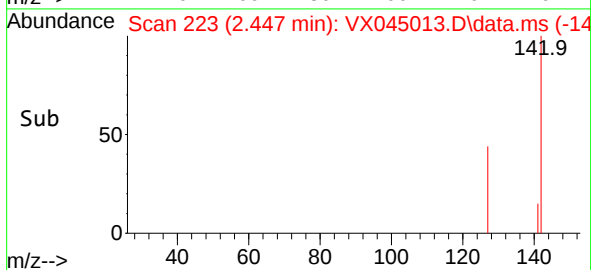
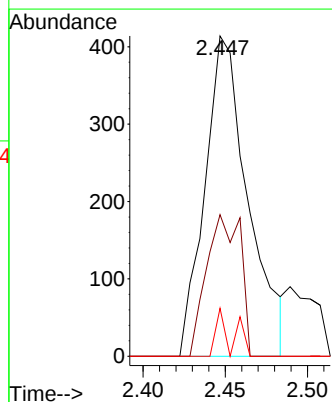
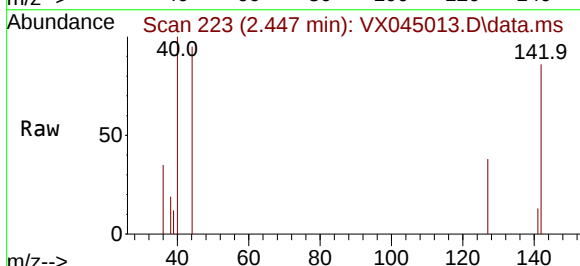
Tgt Ion:142 Resp: 758

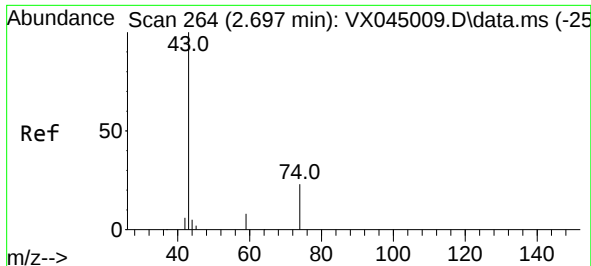
Ion Ratio Lower Upper

142 100

127 48.7 23.3 69.9

141 16.5 7.5 22.6

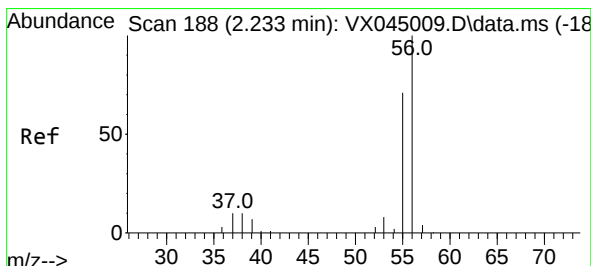
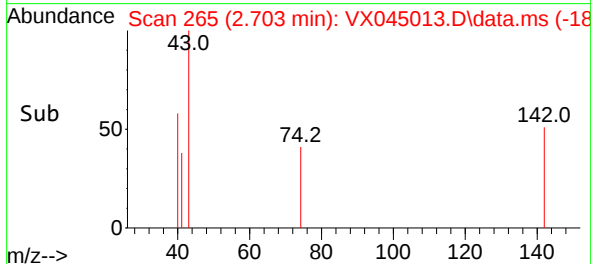
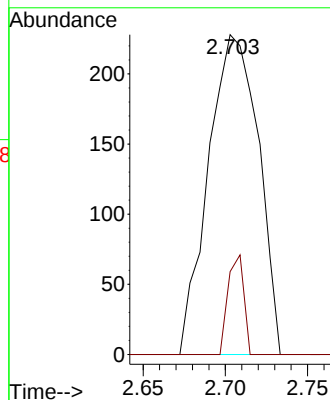
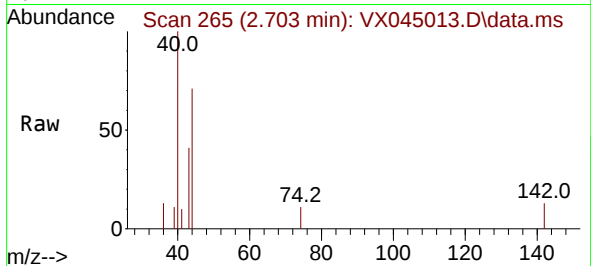




#12
Methyl Acetate
Concen: 0.316 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

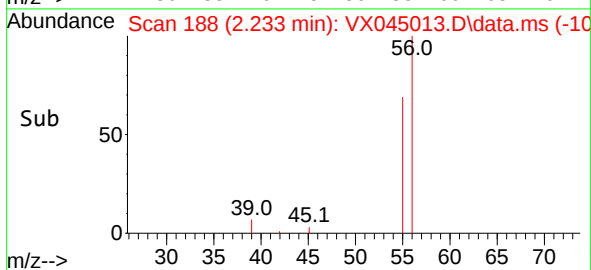
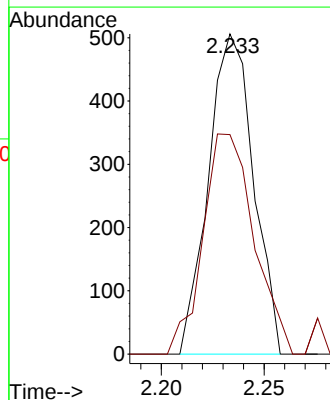
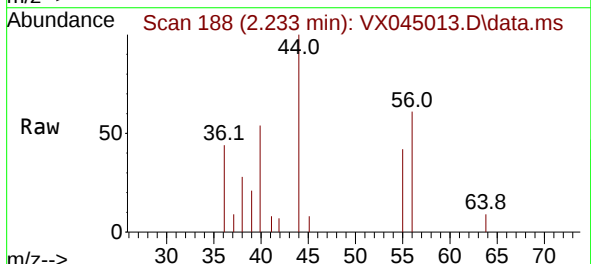
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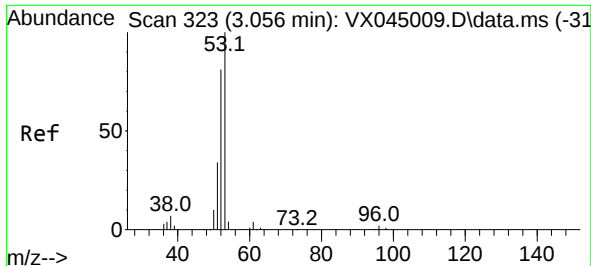
Tgt Ion: 43 Resp: 483
Ion Ratio Lower Upper
43 100
74 25.9 17.9 26.9



#13
Acrolein
Concen: 2.520 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

Tgt Ion: 56 Resp: 772
Ion Ratio Lower Upper
56 100
55 78.0 55.4 83.2

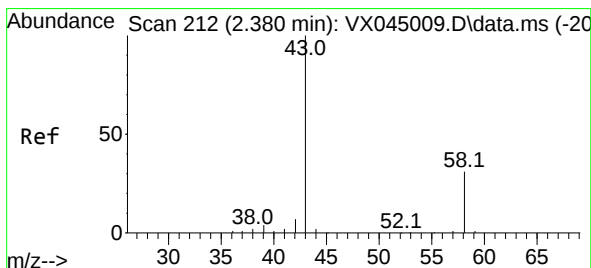
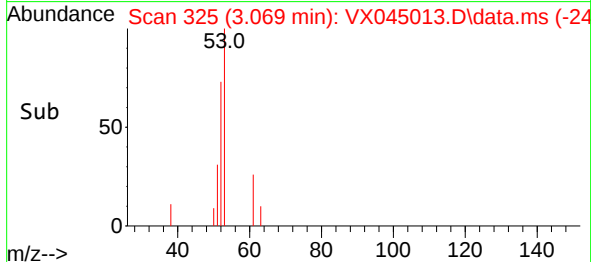
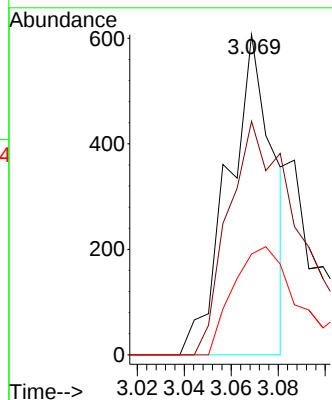
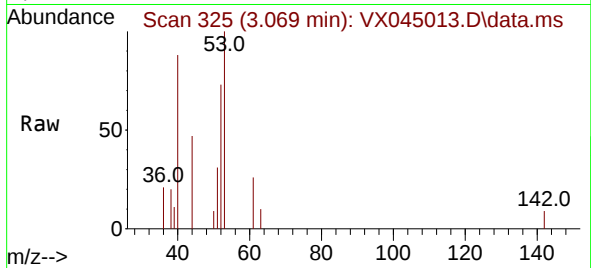




#14
Acrylonitrile
Concen: 1.088 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

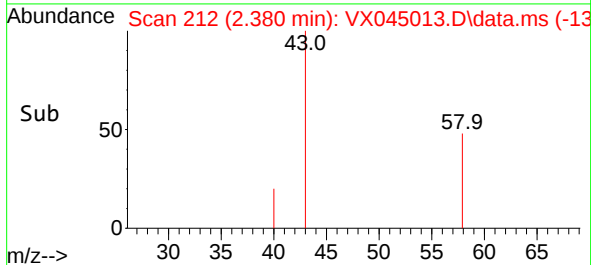
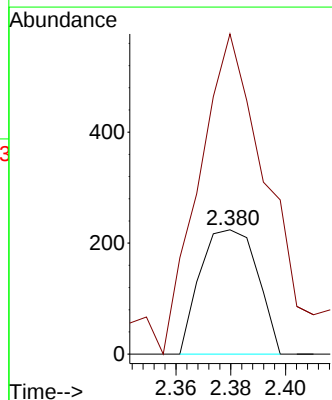
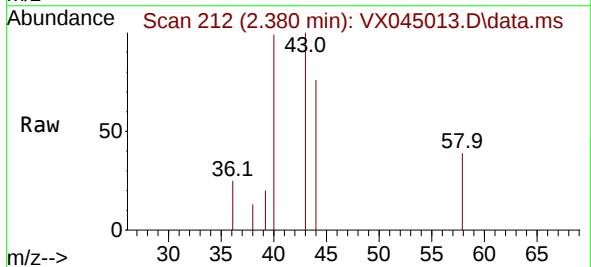
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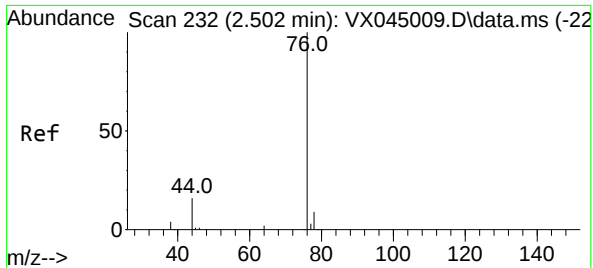
Tgt Ion: 53 Resp: 812
Ion Ratio Lower Upper
53 100
52 117.2 40.9 122.8
51 46.4 18.0 54.0



#15
Acetone
Concen: 1.597 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

Tgt Ion: 58 Resp: 327
Ion Ratio Lower Upper
58 100
43 179.9 258.6 388.0#

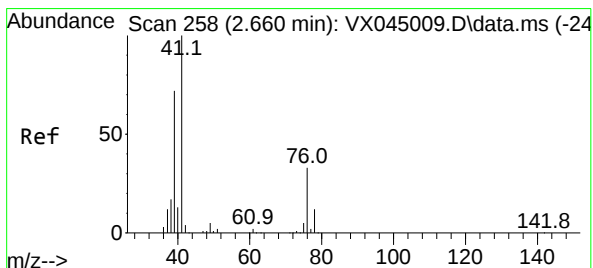
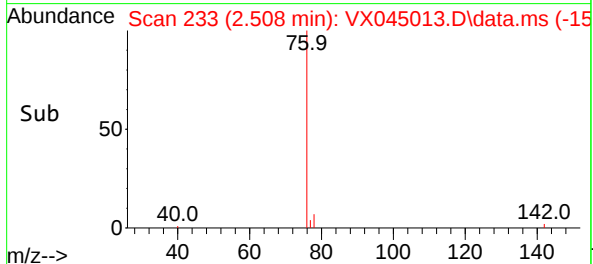
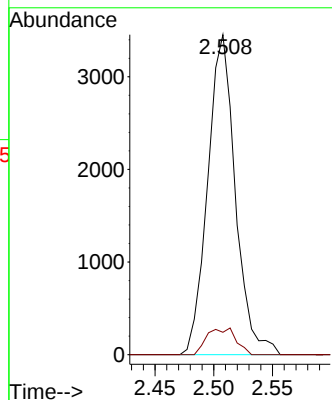
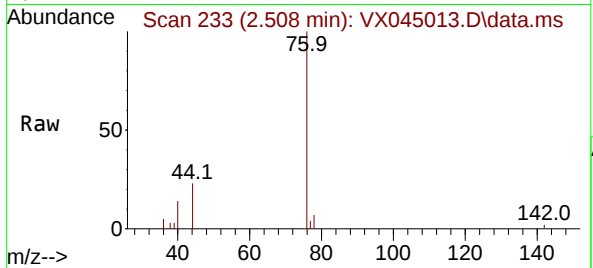




#16
Carbon Disulfide
Concen: 1.517 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

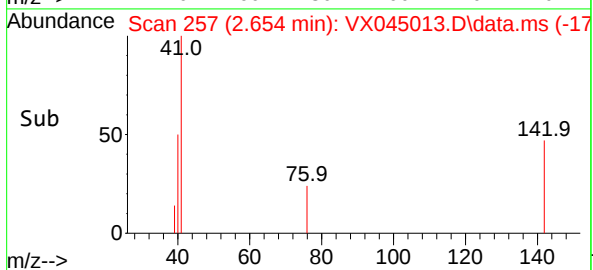
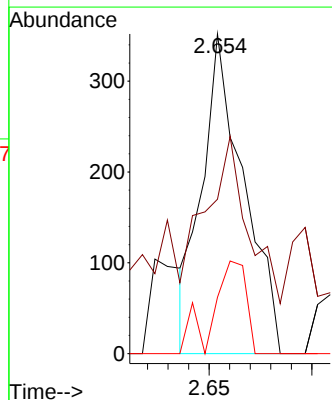
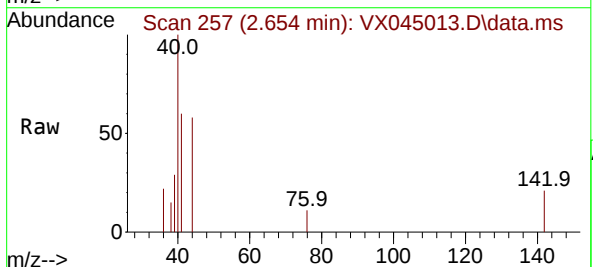
Instrument :
MSVOA_X
ClientSampleId :
IBLK

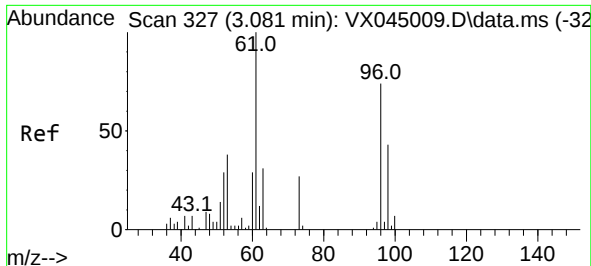
Tgt Ion: 76 Resp: 5664
Ion Ratio Lower Upper
76 100
78 7.0 7.3 10.9#



#17
Allyl chloride
Concen: 0.201 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

Tgt Ion: 41 Resp: 495
Ion Ratio Lower Upper
41 100
39 32.7 36.2 108.6#
76 17.6 17.2 51.5

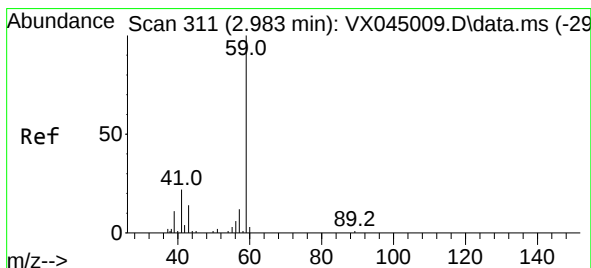
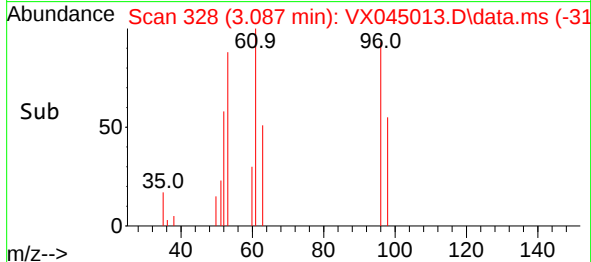
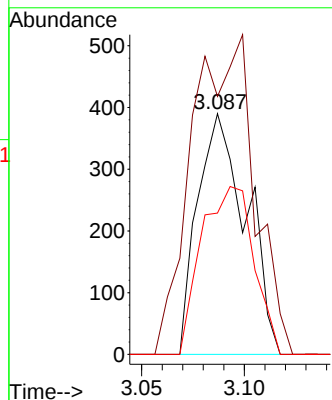
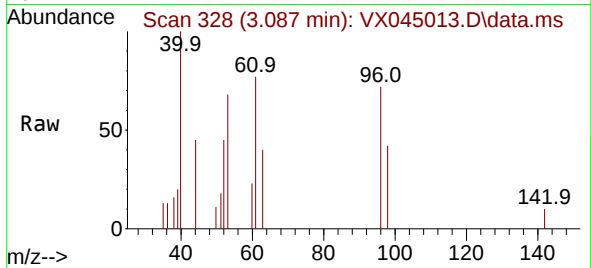




#19
trans-1,2-Dichloroethene
Concen: 0.483 ug/l
RT: 3.087 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

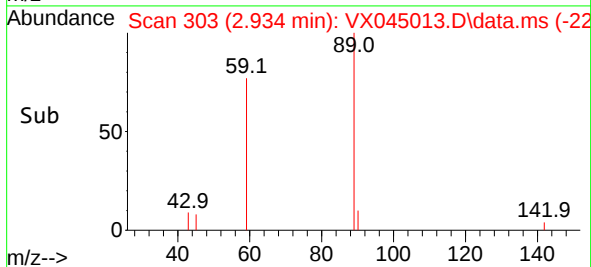
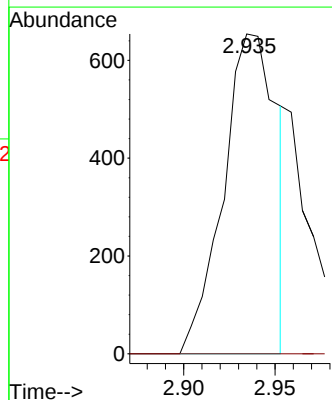
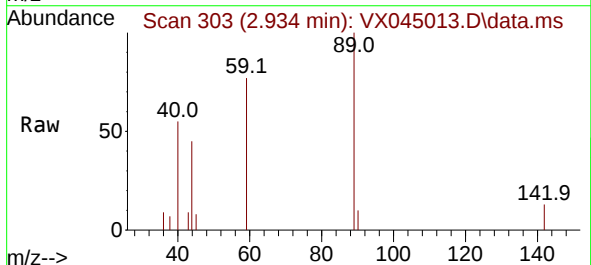
Instrument :
MSVOA_X
ClientSampleId :
IBLK

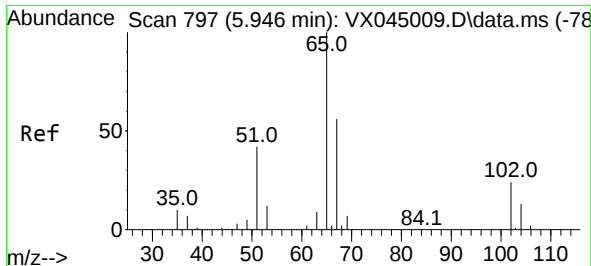
Tgt Ion: 96 Resp: 643
Ion Ratio Lower Upper
96 100
61 90.3 108.6 163.0#
98 58.7 46.5 69.7



#23
tert-Butyl Alcohol
Concen: 5.091 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

Tgt Ion: 59 Resp: 1327
Ion Ratio Lower Upper
59 100
52 71.7 0.0 0.0#





#27

1,2-Dichloroethane-d4

Concen: 30.071 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX045013.D

Acq: 21 Feb 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

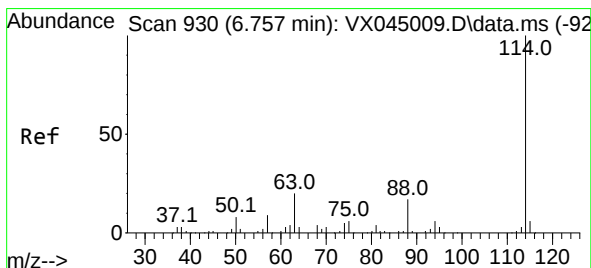
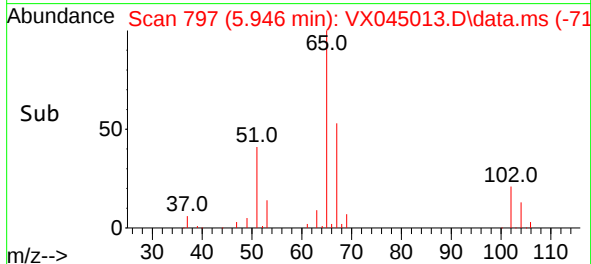
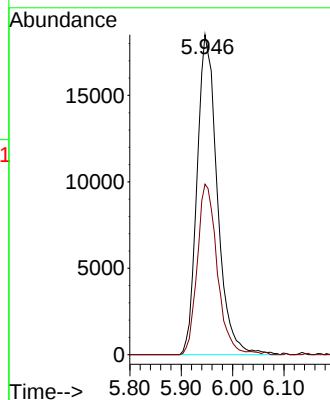
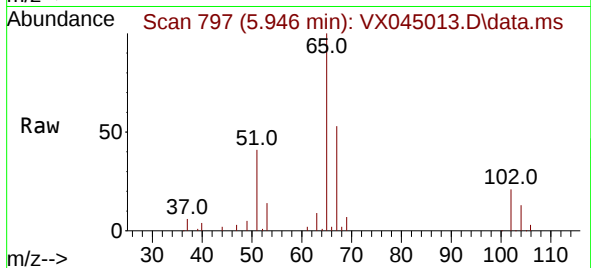
IBLK

Tgt Ion: 65 Resp: 50610

Ion Ratio Lower Upper

65 100

67 52.3 42.6 64.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045013.D

Acq: 21 Feb 2025 11:52

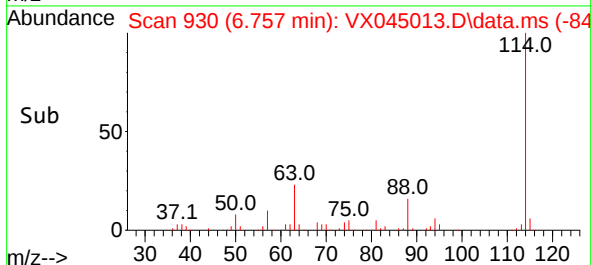
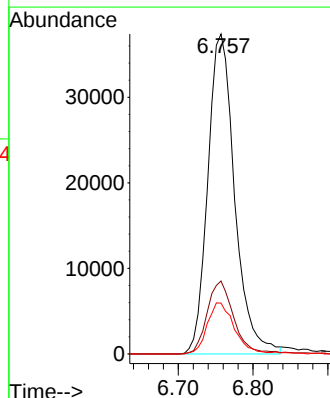
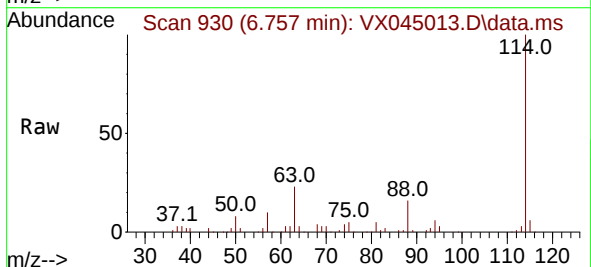
Tgt Ion: 114 Resp: 93478

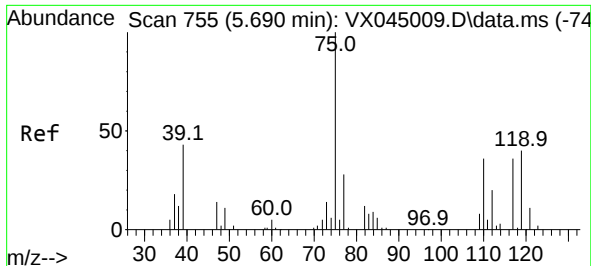
Ion Ratio Lower Upper

114 100

63 22.5 16.8 25.2

88 16.1 12.7 19.1





#29

1,1-Dichloropropene

Concen: 0.290 ug/l

RT: 5.696 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX045013.D

Acq: 21 Feb 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

IBLK

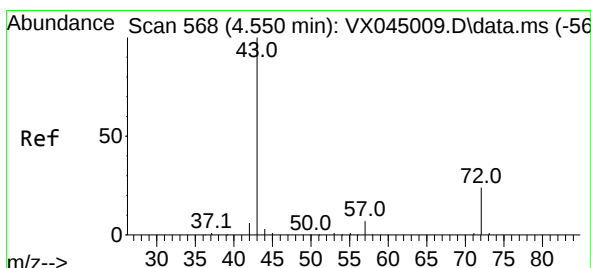
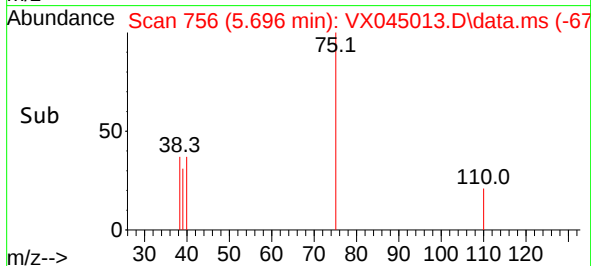
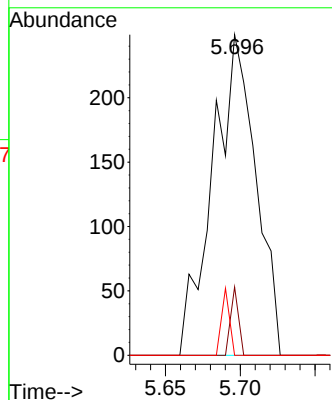
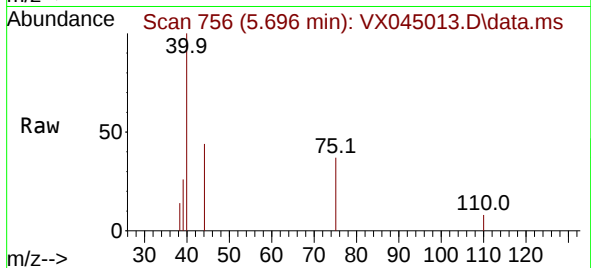
Tgt Ion: 75 Resp: 499

Ion Ratio Lower Upper

75 100

110 0.0 0.0 69.2

77 0.0 0.0 61.0



#30

2-Butanone

Concen: 0.524 ug/l

RT: 4.605 min Scan# 577

Delta R.T. 0.055 min

Lab File: VX045013.D

Acq: 21 Feb 2025 11:52

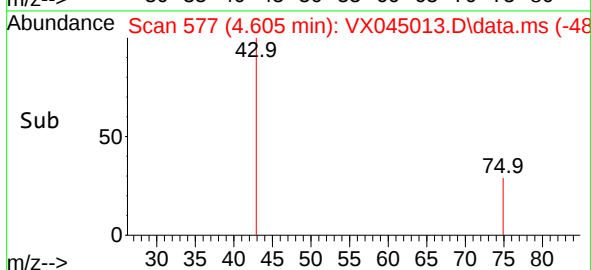
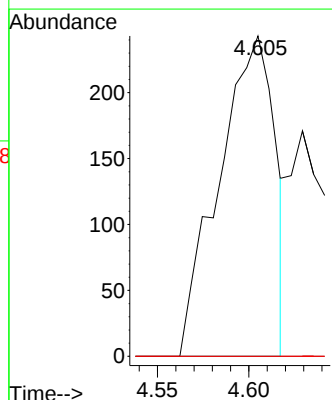
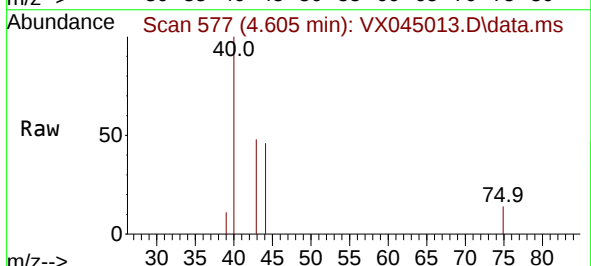
Tgt Ion: 43 Resp: 520

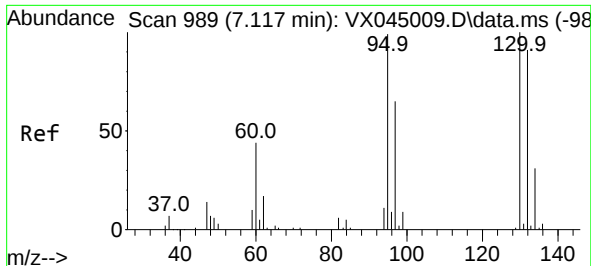
Ion Ratio Lower Upper

43 100

57 0.0 6.2 9.2#

72 0.0 20.2 30.2#





#37

Trichloroethene

Concen: 0.201 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.018 min

Lab File: VX045013.D

Acq: 21 Feb 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

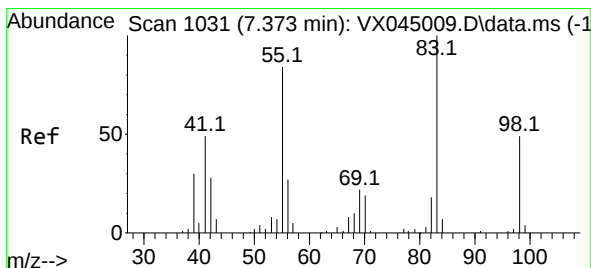
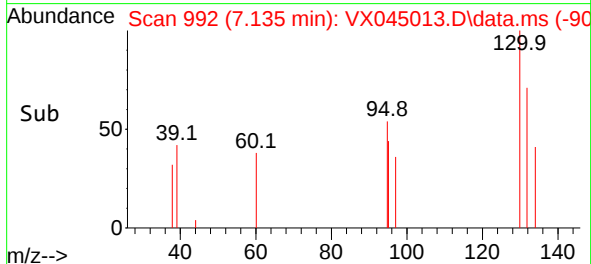
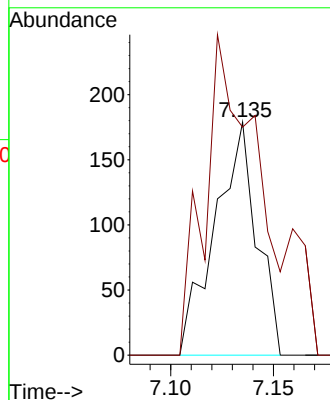
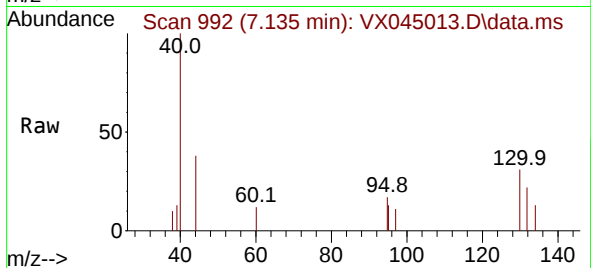
IBLK

Tgt Ion:130 Resp: 253

Ion Ratio Lower Upper

130 100

95 97.8 79.0 118.4



#38

Methylcyclohexane

Concen: 0.200 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045013.D

Acq: 21 Feb 2025 11:52

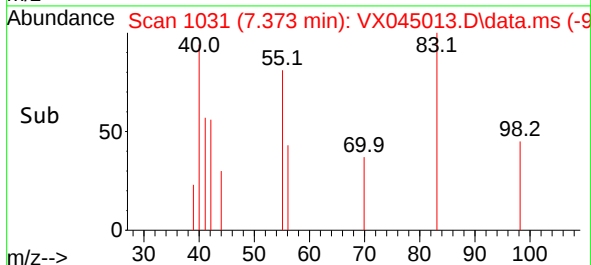
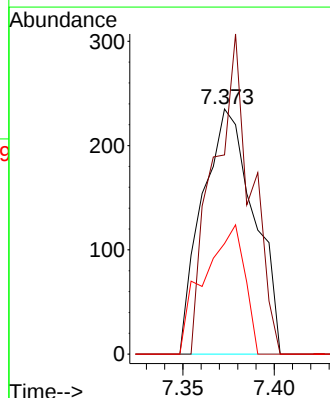
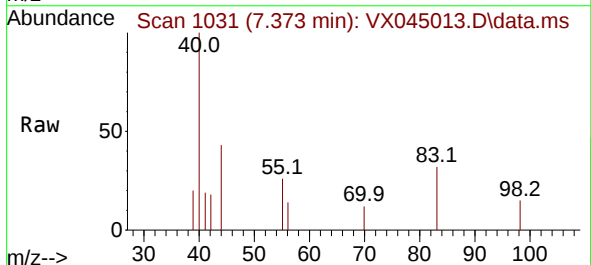
Tgt Ion: 83 Resp: 462

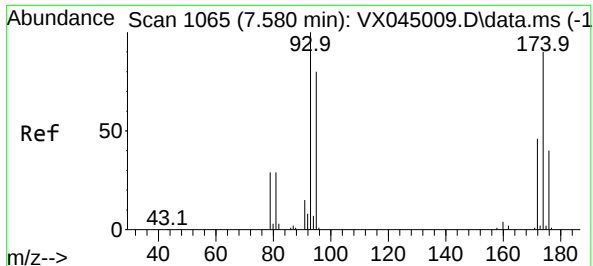
Ion Ratio Lower Upper

83 100

55 94.8 40.6 122.0

98 41.6 24.9 74.6

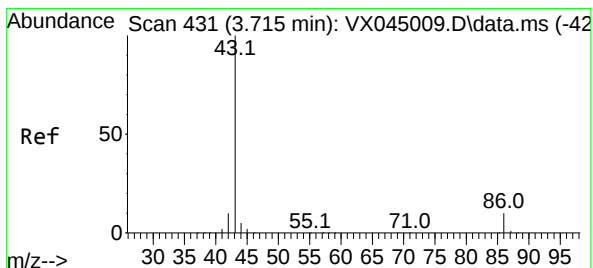
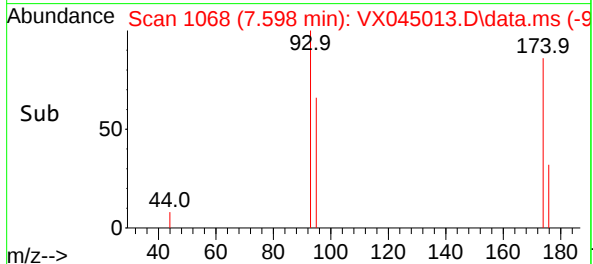
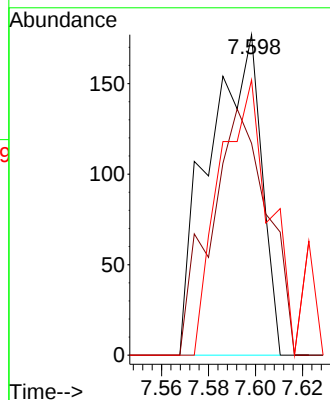
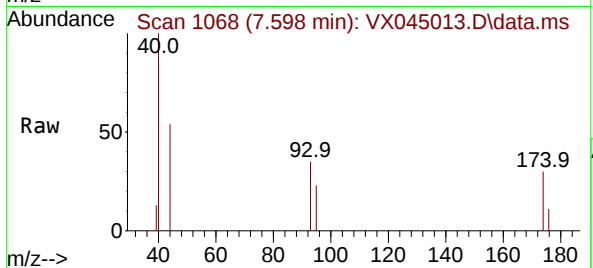




#40
Dibromomethane
Concen: 0.286 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. 0.018 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

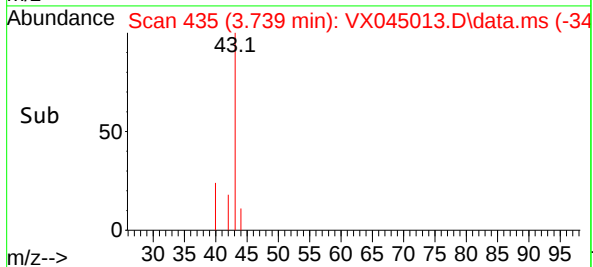
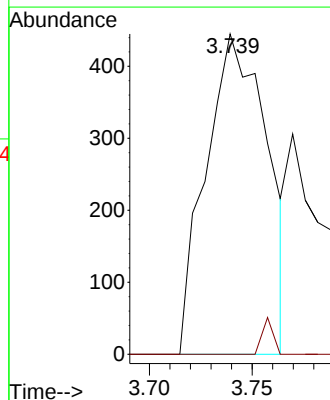
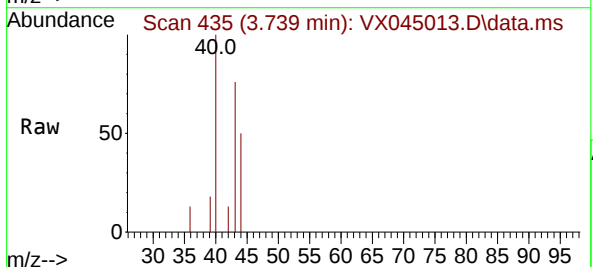
Instrument :
MSVOA_X
ClientSampleId :
IBLK

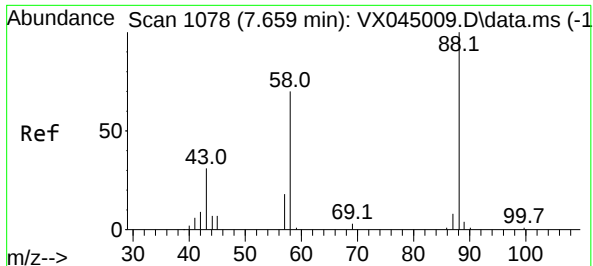
Tgt Ion: 93 Resp: 275
Ion Ratio Lower Upper
93 100
95 83.3 0.0 162.6
174 80.7 0.0 178.8



#42
Vinyl Acetate
Concen: 0.239 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.024 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

Tgt Ion: 43 Resp: 920
Ion Ratio Lower Upper
43 100
86 0.0 7.0 10.4#

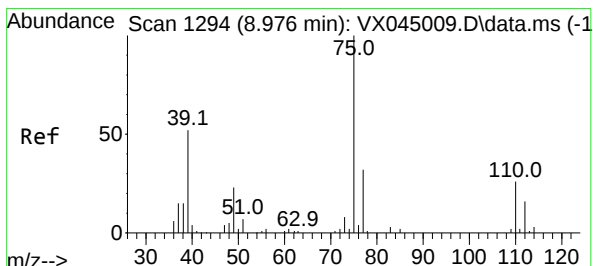
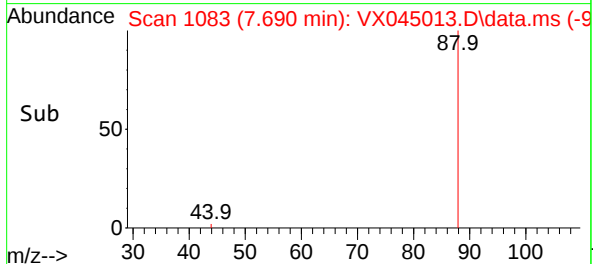
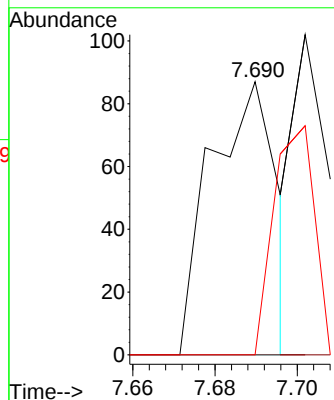
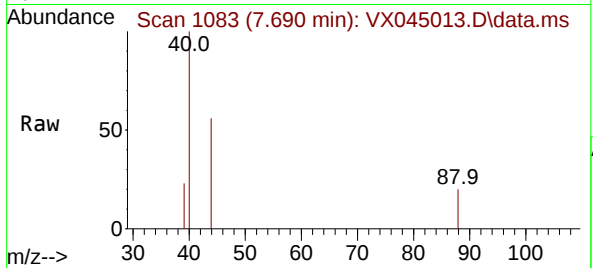




#45
1,4-Dioxane
Concen: 3.075 ug/l
RT: 7.690 min Scan# 1078
Delta R.T. 0.030 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

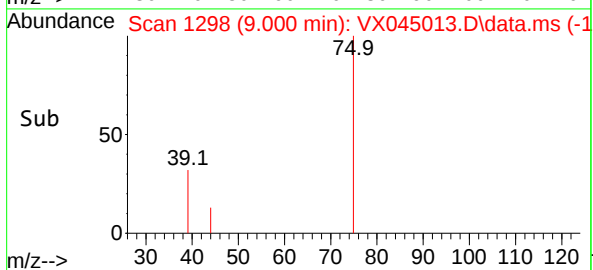
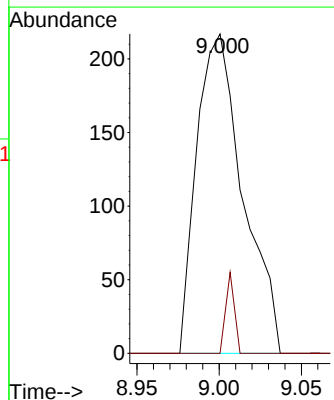
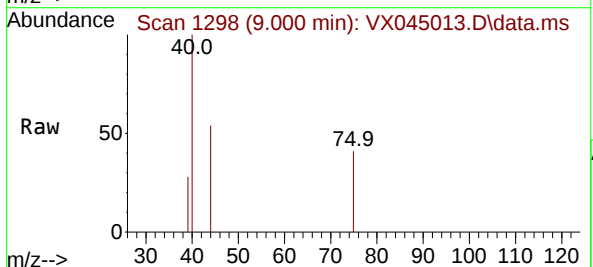
Instrument :
MSVOA_X
ClientSampleId :
IBLK

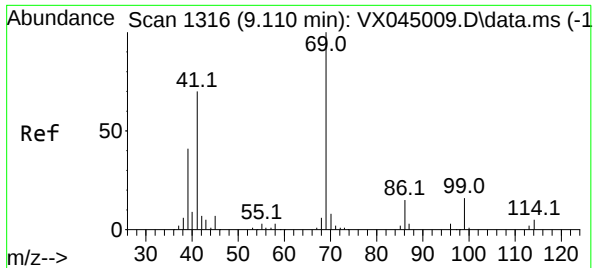
Tgt Ion: 88 Resp: 98
Ion Ratio Lower Upper
88 100
43 0.0 29.6 44.4#
58 0.0 56.2 84.4#



#48
t-1,3-Dichloropropene
Concen: 0.231 ug/l
RT: 9.000 min Scan# 1298
Delta R.T. 0.024 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

Tgt Ion: 75 Resp: 425
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

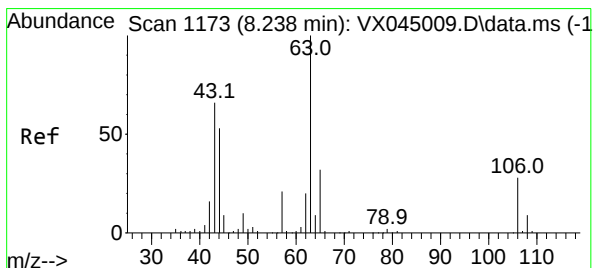
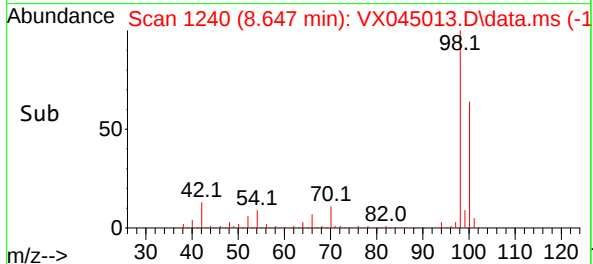
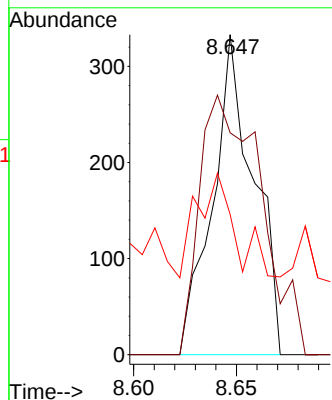
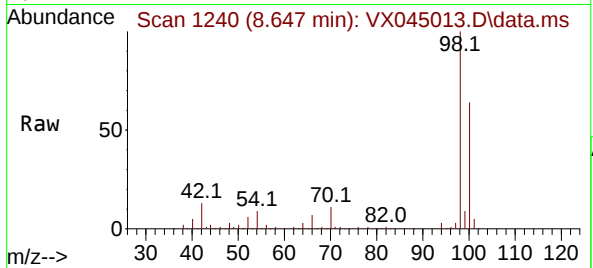




#51
Ethyl methacrylate
Concen: 0.233 ug/l
RT: 8.647 min Scan# 1175
Delta R.T. -0.463 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

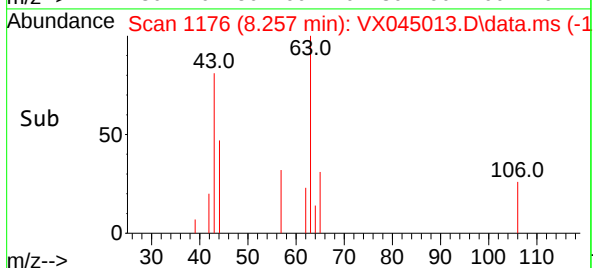
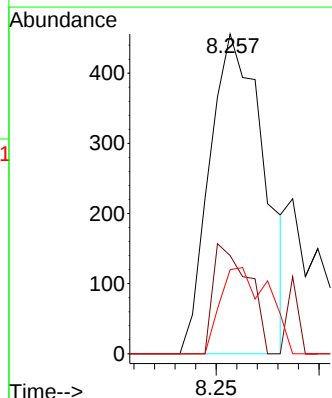
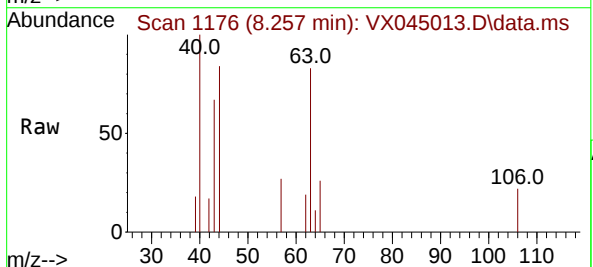
Instrument :
MSVOA_X
ClientSampleId :
IBLK

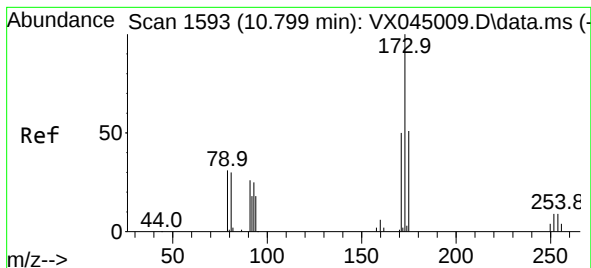
Tgt Ion: 69 Resp: 460
Ion Ratio Lower Upper
69 100
41 69.4 35.1 105.3
39 19.8 20.5 61.6#



#55
2-Chloroethyl vinyl ether
Concen: 0.829 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.018 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

Tgt Ion: 63 Resp: 840
Ion Ratio Lower Upper
63 100
65 22.4 26.2 39.2#
106 23.8 21.2 31.8





#56

Bromoform

Concen: 0.330 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.280 min

Lab File: VX045013.D

Acq: 21 Feb 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

IBLK

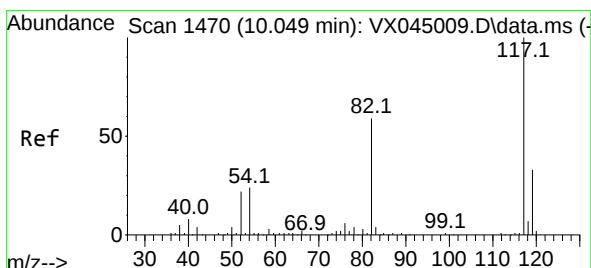
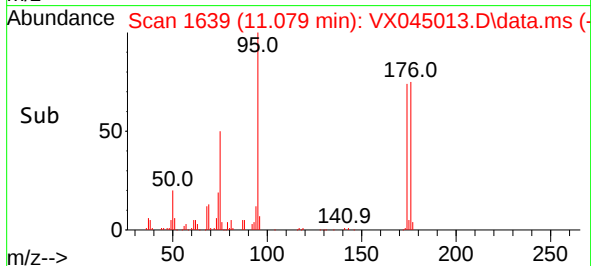
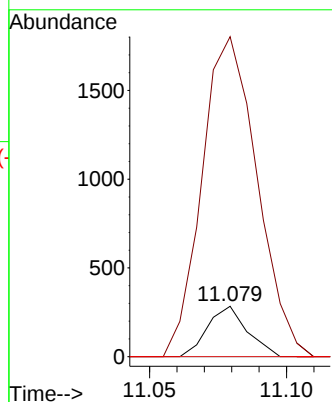
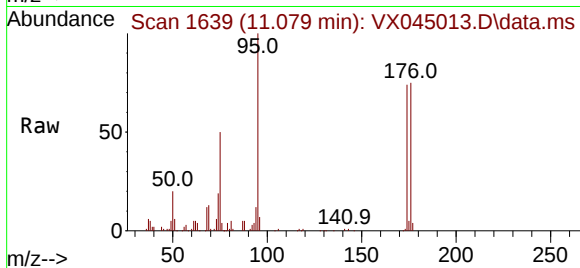
Tgt Ion:173 Resp: 287

Ion Ratio Lower Upper

173 100

175 881.9 39.6 59.4#

254 0.0 6.3 9.5#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045013.D

Acq: 21 Feb 2025 11:52

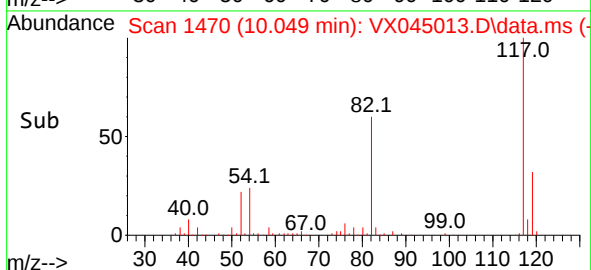
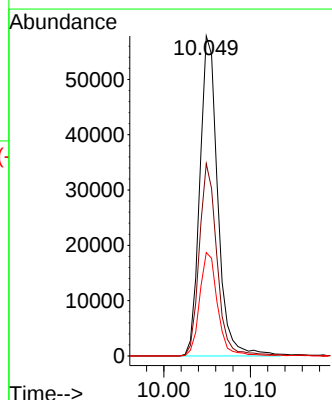
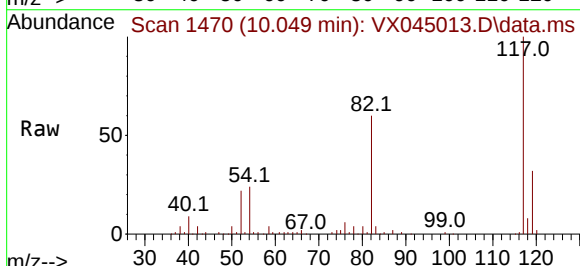
Tgt Ion:117 Resp: 83405

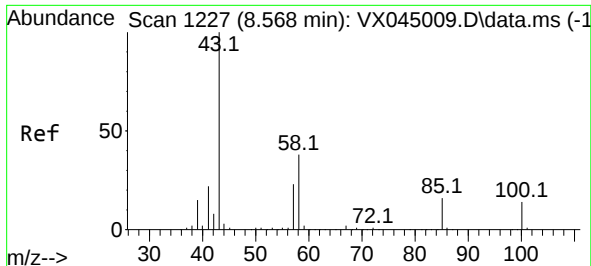
Ion Ratio Lower Upper

117 100

82 59.3 45.8 68.8

119 32.1 25.5 38.3





#58

4-Methyl-2-Pentanone

Concen: 0.406 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX045013.D

Acq: 21 Feb 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

IBLK

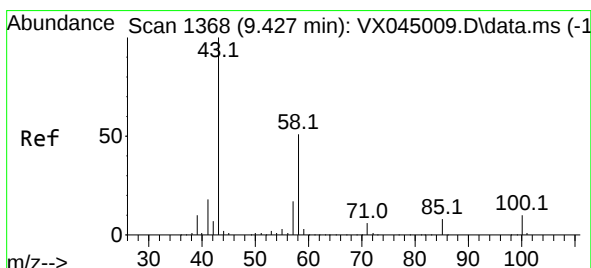
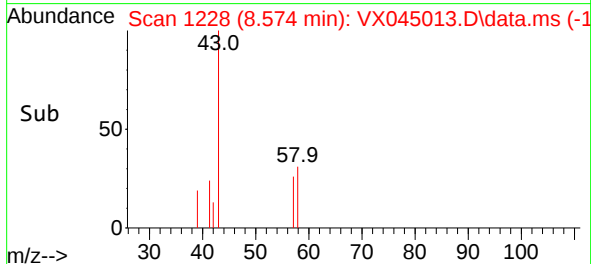
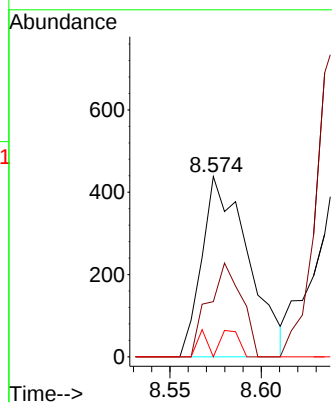
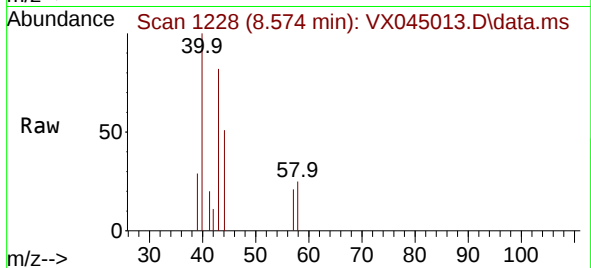
Tgt Ion: 43 Resp: 771

Ion Ratio Lower Upper

43 100

58 37.2 29.5 44.3

85 6.0 12.9 19.3#



#59

2-Hexanone

Concen: 0.396 ug/l

RT: 9.452 min Scan# 1372

Delta R.T. 0.024 min

Lab File: VX045013.D

Acq: 21 Feb 2025 11:52

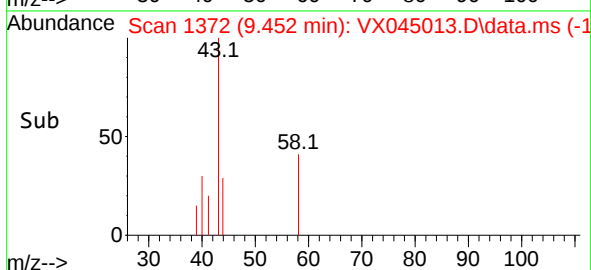
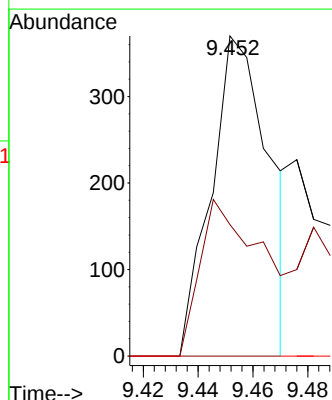
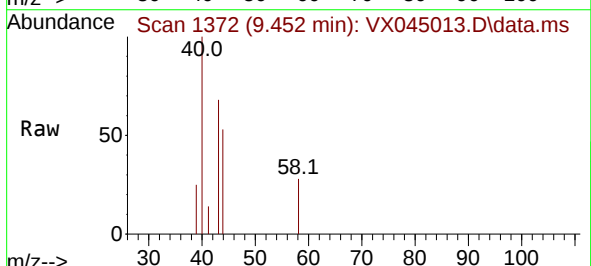
Tgt Ion: 43 Resp: 543

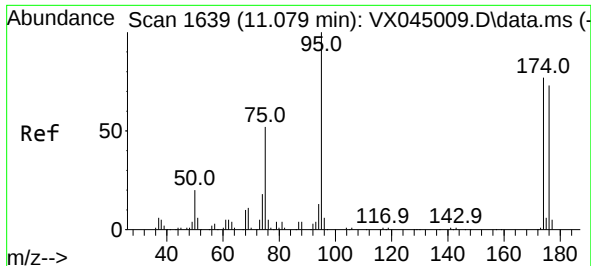
Ion Ratio Lower Upper

43 100

58 52.1 41.6 62.4

57 0.0 13.8 20.6#

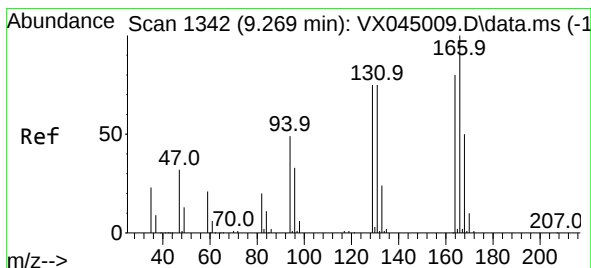
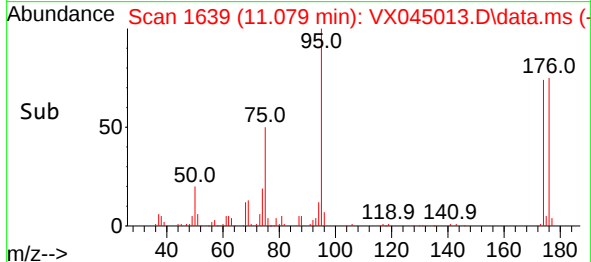
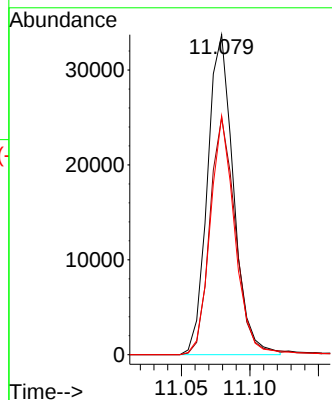
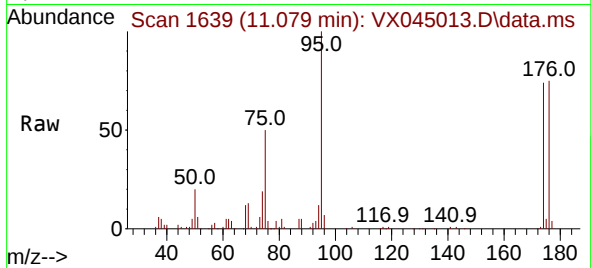




#60
4-Bromofluorobenzene
Concen: 28.554 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

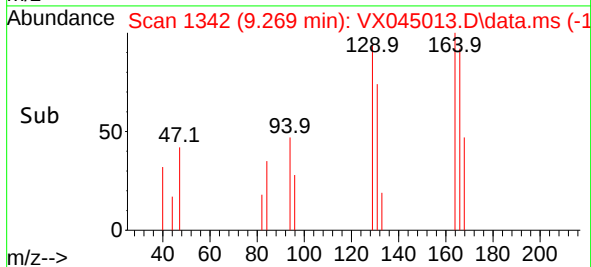
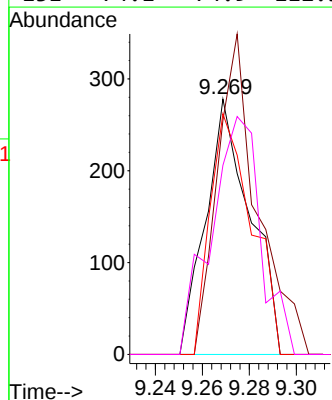
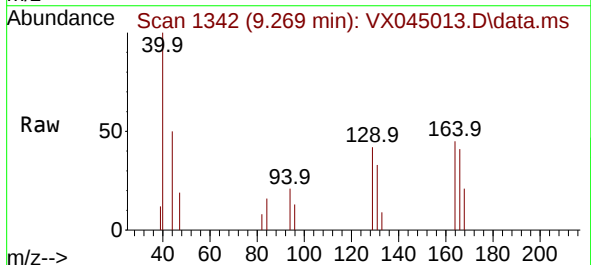
Instrument :
MSVOA_X
ClientSampleId :
IBLK

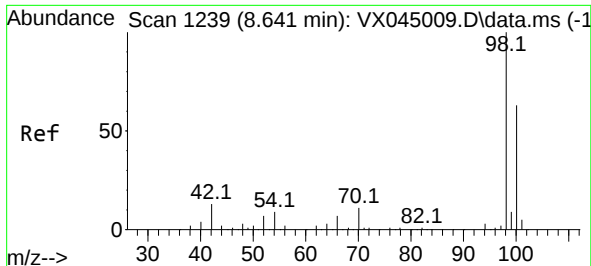
Tgt Ion: 95 Resp: 44515
Ion Ratio Lower Upper
95 100
174 74.0 59.5 89.3
176 71.2 55.5 83.3



#61
Tetrachloroethene
Concen: 0.355 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

Tgt Ion: 164 Resp: 365
Ion Ratio Lower Upper
164 100
166 91.7 100.3 150.5#
129 94.2 75.5 113.3
131 74.1 74.9 112.3#

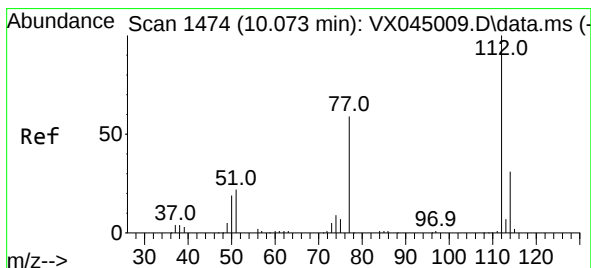
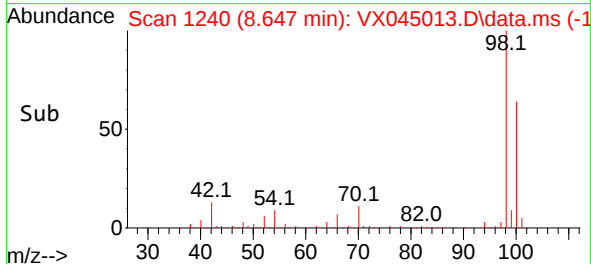
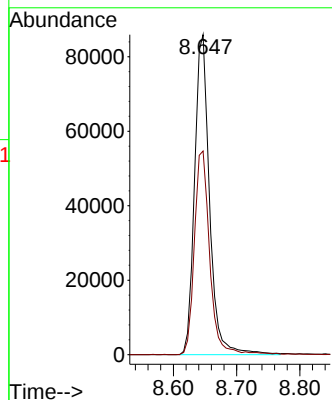
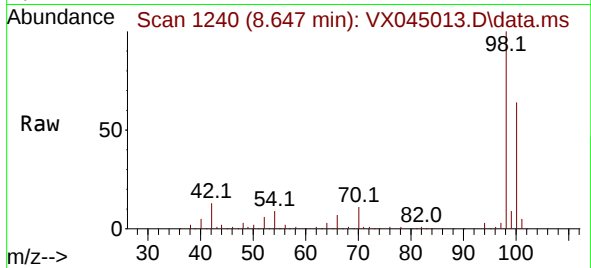




#63
Toluene-d8
Concen: 30.739 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

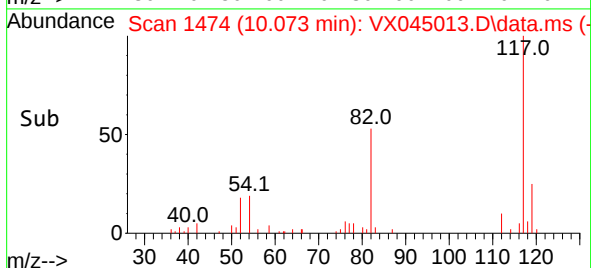
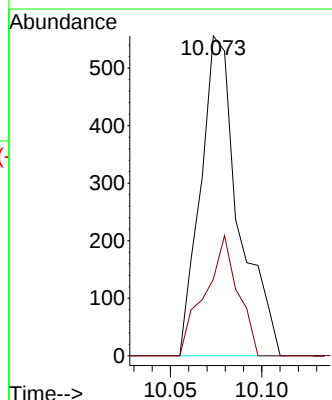
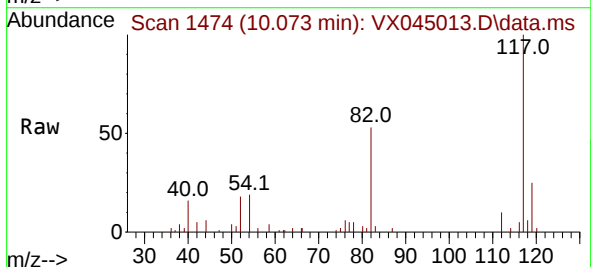
Instrument :
MSVOA_X
ClientSampleId :
IBLK

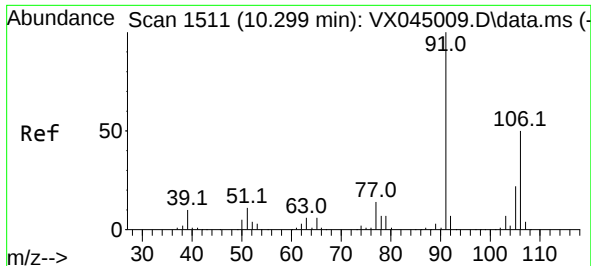
Tgt Ion: 98 Resp: 141833
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#64
Chlorobenzene
Concen: 0.235 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

Tgt Ion: 112 Resp: 806
Ion Ratio Lower Upper
112 100
114 23.9 24.7 37.1#





#67

m/p-Xylenes

Concen: 0.325 ug/l

RT: 10.305 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VX045013.D

Acq: 21 Feb 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

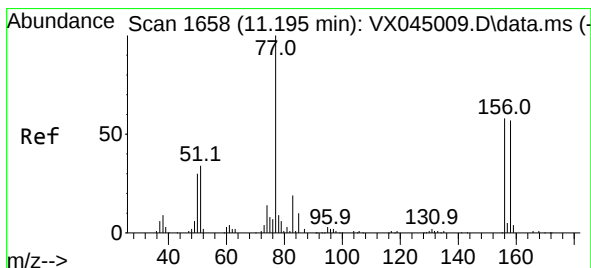
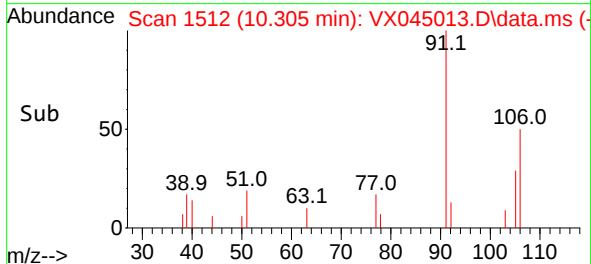
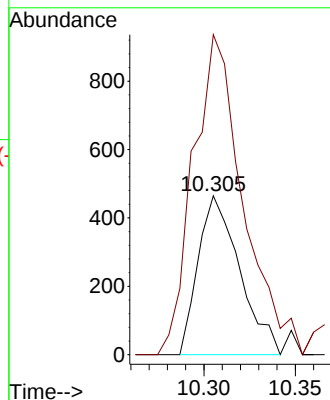
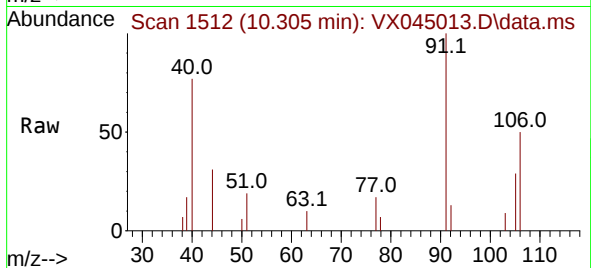
IBLK

Tgt Ion:106 Resp: 733

Ion Ratio Lower Upper

106 100

91 242.6 163.7 245.5



#73

Bromobenzene

Concen: 0.268 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045013.D

Acq: 21 Feb 2025 11:52

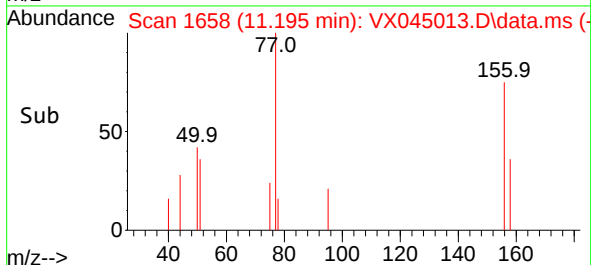
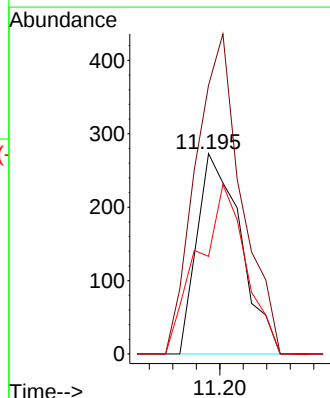
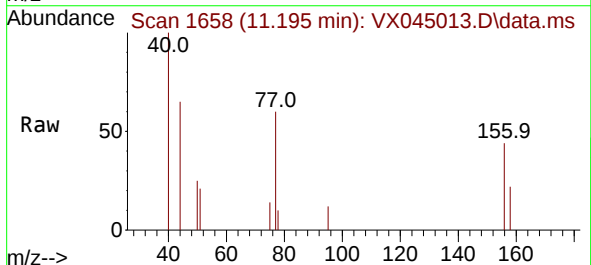
Tgt Ion:156 Resp: 352

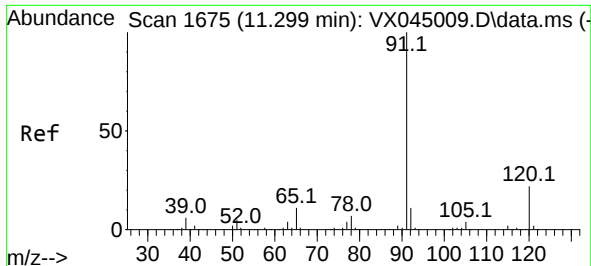
Ion Ratio Lower Upper

156 100

77 168.5 0.0 347.2

158 92.6 0.0 197.6

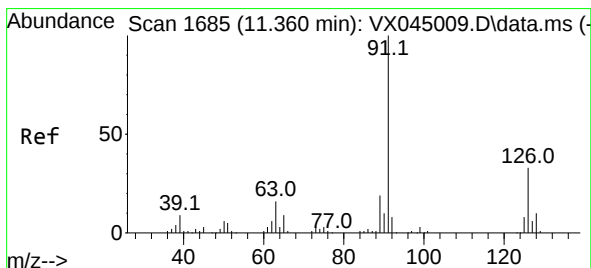
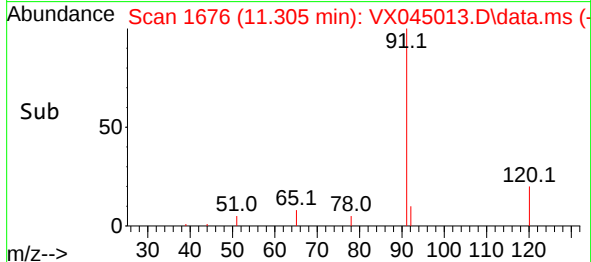
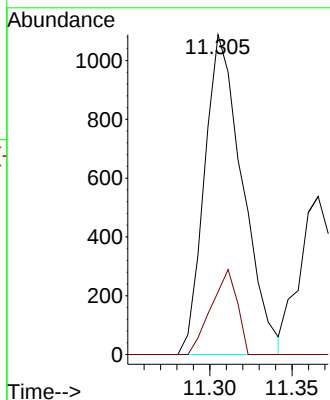
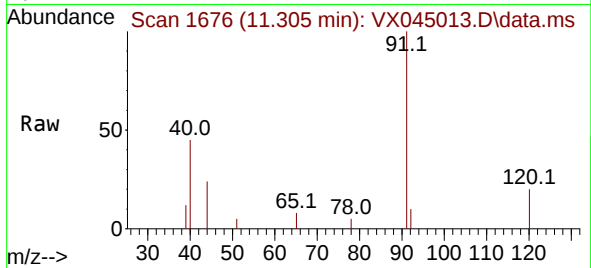




#74
n-propylbenzene
Concen: 0.258 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

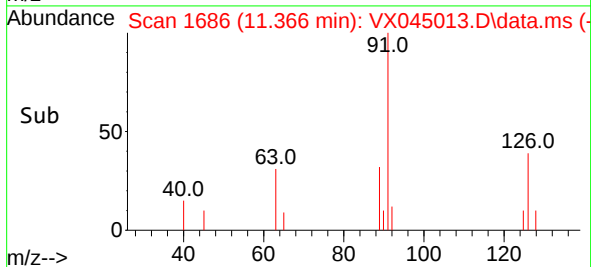
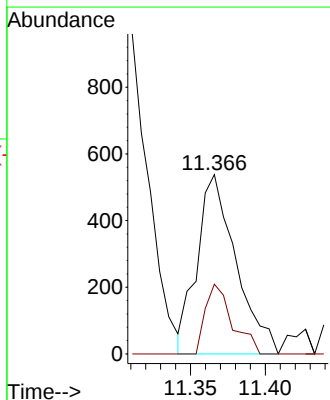
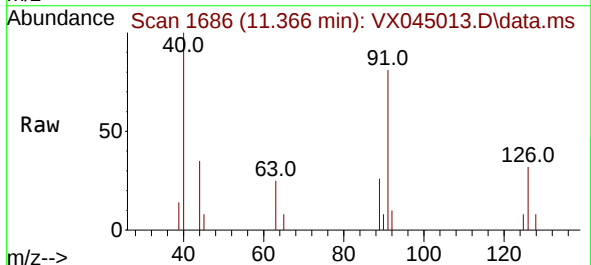
Instrument :
MSVOA_X
ClientSampleId :
IBLK

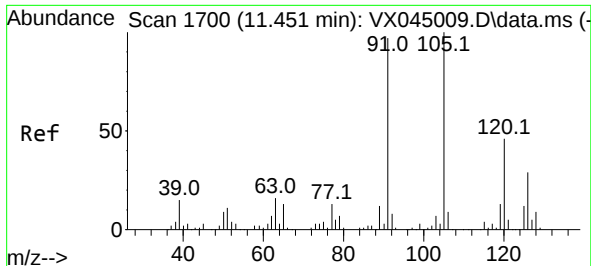
Tgt Ion: 91 Resp: 1753
Ion Ratio Lower Upper
91 100
120 18.1 0.0 44.2



#75
2-Chlorotoluene
Concen: 0.237 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

Tgt Ion: 91 Resp: 973
Ion Ratio Lower Upper
91 100
126 24.7 0.0 65.4

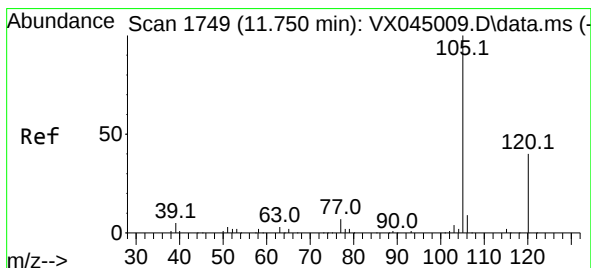
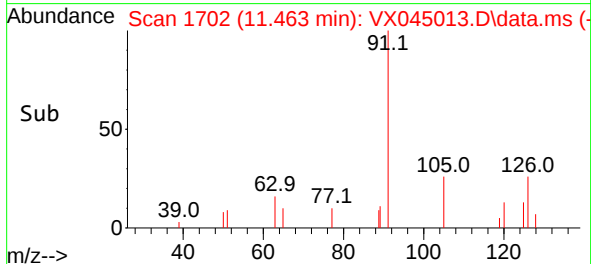
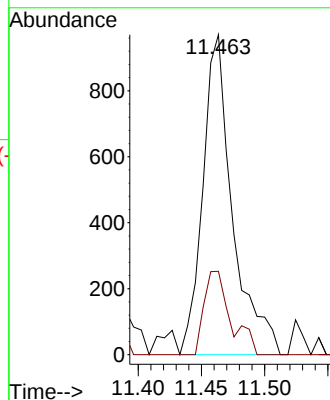
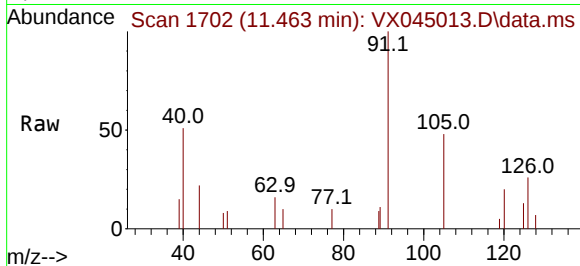




#78
4-Chlorotoluene
Concen: 0.347 ug/l
RT: 11.463 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

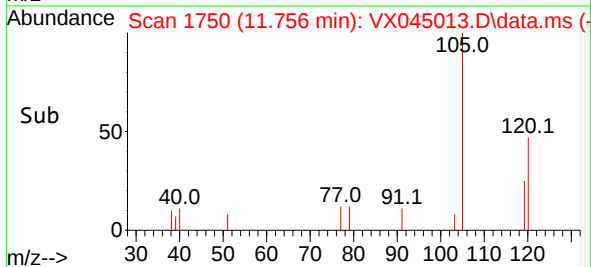
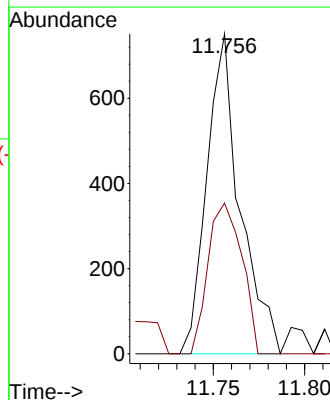
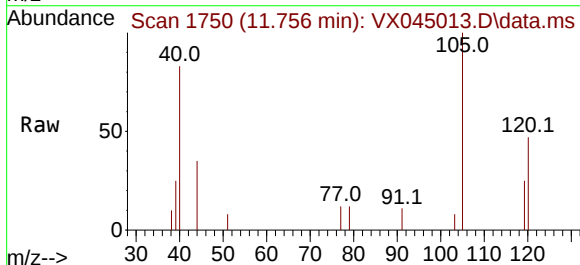
Instrument :
MSVOA_X
ClientSampleId :
IBLK

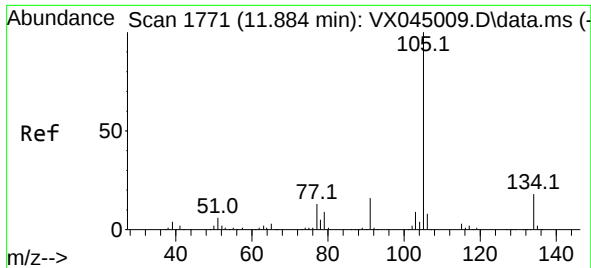
Tgt Ion: 91 Resp: 1587
Ion Ratio Lower Upper
91 100
126 19.5 0.0 58.0



#80
1,2,4-Trimethylbenzene
Concen: 0.201 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

Tgt Ion: 105 Resp: 948
Ion Ratio Lower Upper
105 100
120 48.1 0.0 88.4

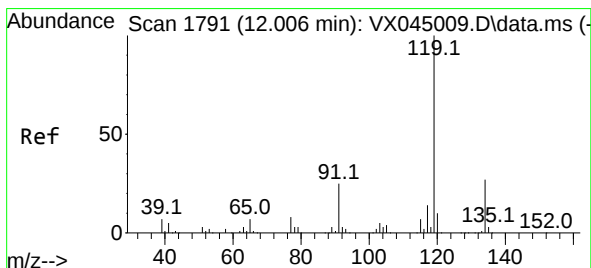
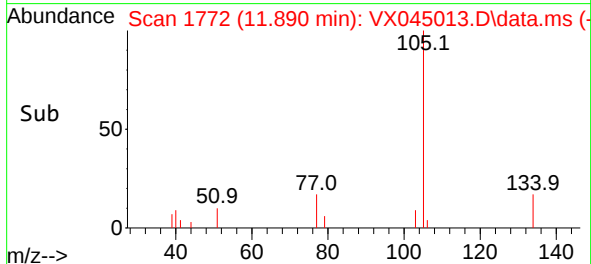
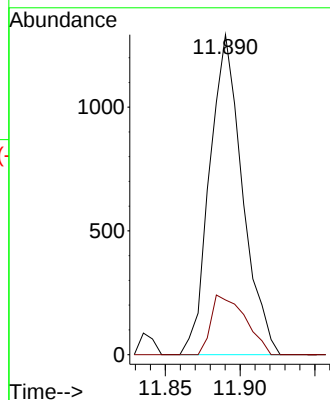
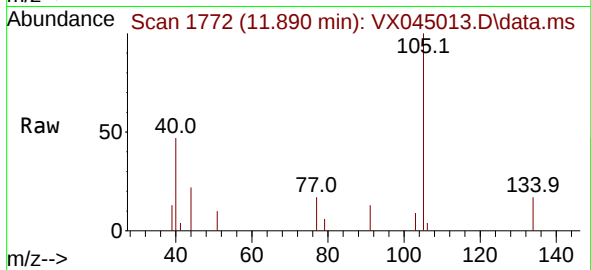




#81
sec-Butylbenzene
Concen: 0.332 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

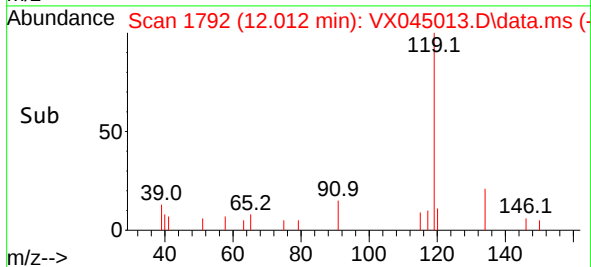
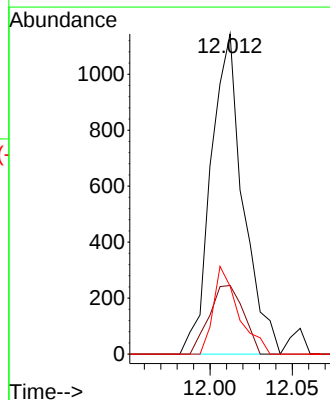
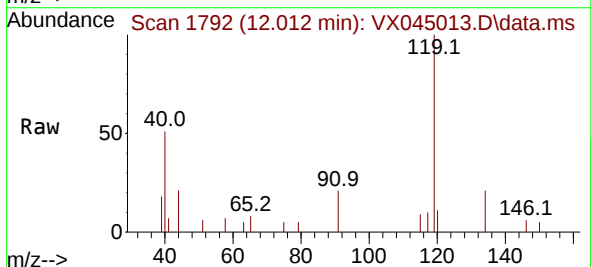
Instrument :
MSVOA_X
ClientSampleId :
IBLK

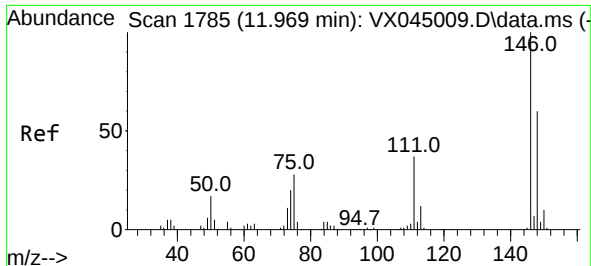
Tgt Ion:105 Resp: 1975
Ion Ratio Lower Upper
105 100
134 19.3 0.0 39.0



#82
p-Isopropyltoluene
Concen: 0.322 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

Tgt Ion:119 Resp: 1555
Ion Ratio Lower Upper
119 100
134 22.8 0.0 52.6
91 21.3 0.0 51.0

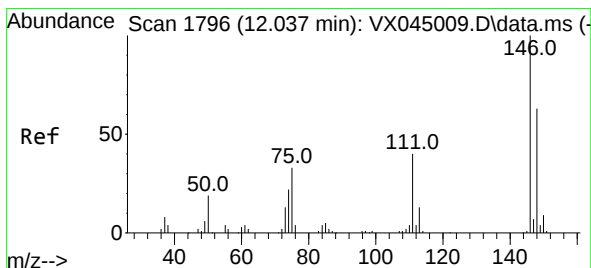
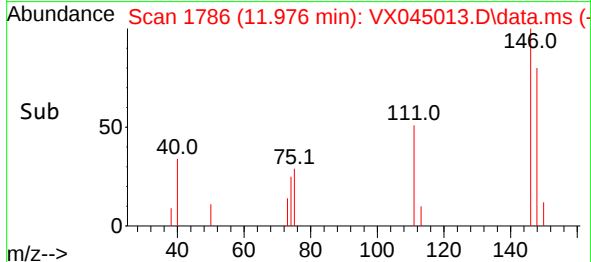
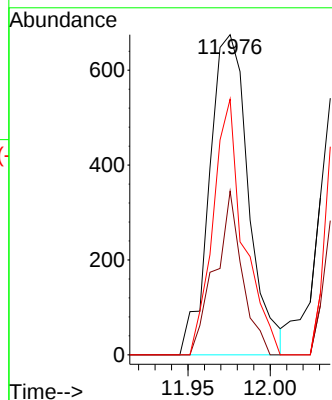
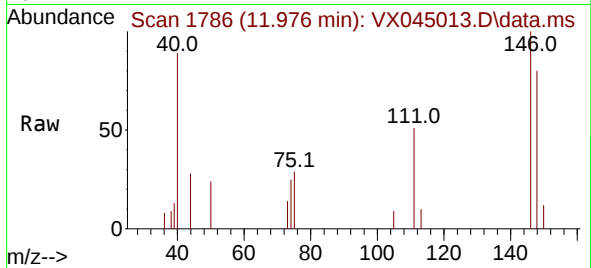




#83
1,3-Dichlorobenzene
Concen: 0.455 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

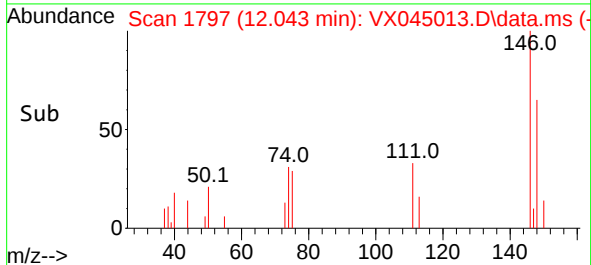
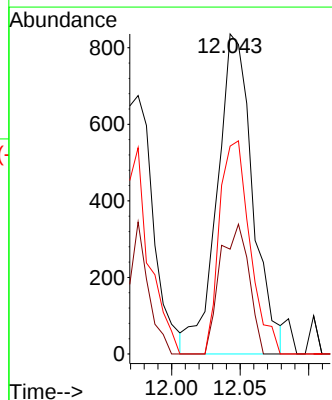
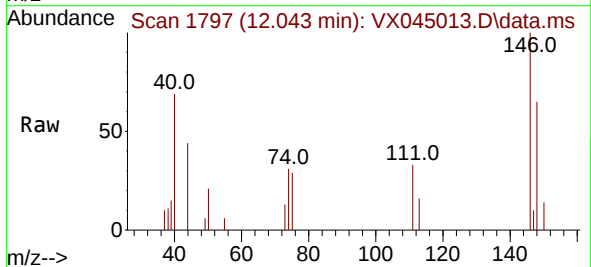
Instrument :
MSVOA_X
ClientSampleId :
IBLK

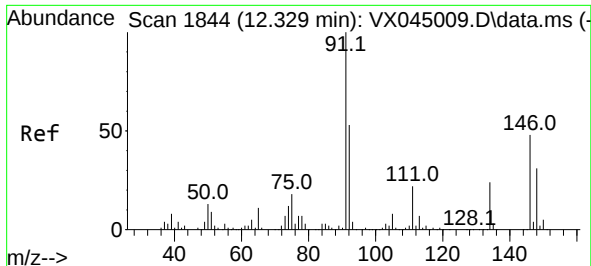
Tgt Ion:146 Resp: 1113
Ion Ratio Lower Upper
146 100
111 35.8 20.2 60.5
148 62.7 31.2 93.6



#84
1,4-Dichlorobenzene
Concen: 0.626 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

Tgt Ion:146 Resp: 1509
Ion Ratio Lower Upper
146 100
111 32.9 20.4 61.2
148 57.2 31.8 95.4





#85

n-Butylbenzene

Concen: 0.539 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX045013.D

Acq: 21 Feb 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

IBLK

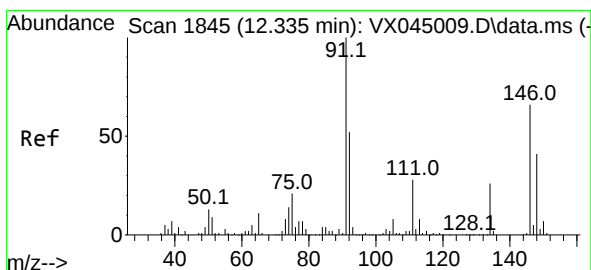
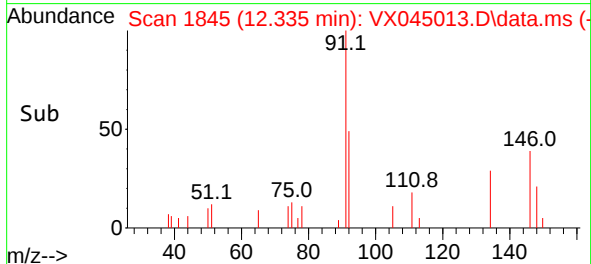
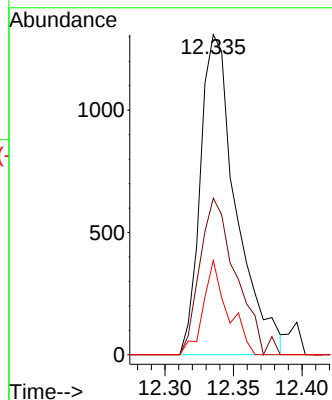
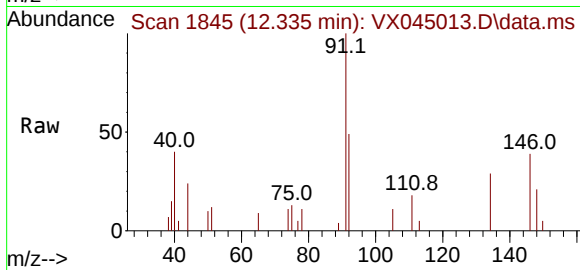
Tgt Ion: 91 Resp: 2374

Ion Ratio Lower Upper

91 100

92 48.4 0.0 105.2

134 20.3 0.0 49.4



#87

1,2-Dichlorobenzene

Concen: 0.387 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX045013.D

Acq: 21 Feb 2025 11:52

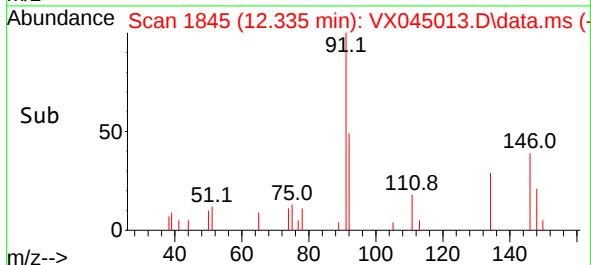
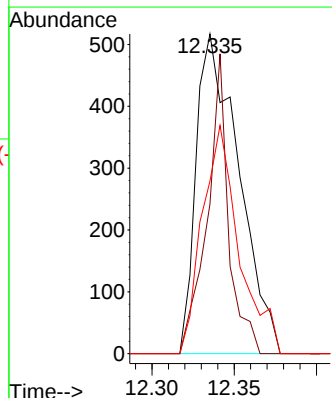
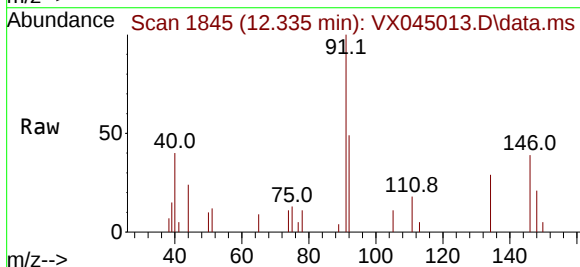
Tgt Ion:146 Resp: 929

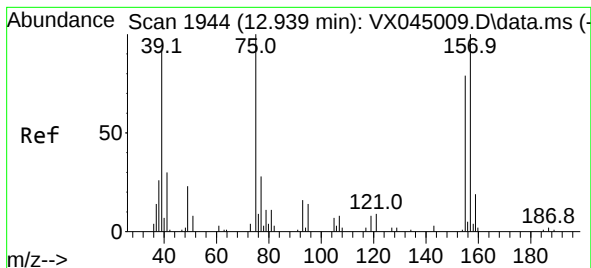
Ion Ratio Lower Upper

146 100

111 46.7 21.7 65.1

148 61.7 31.8 95.4





#88

1,2-Dibromo-3-Chloropropane

Concen: 0.289 ug/l

RT: 12.951 min Scan# 1946

Delta R.T. 0.012 min

Lab File: VX045013.D

Acq: 21 Feb 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

IBLK

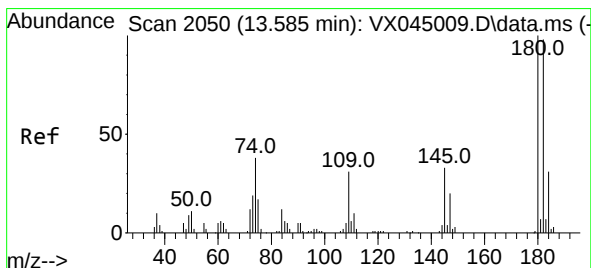
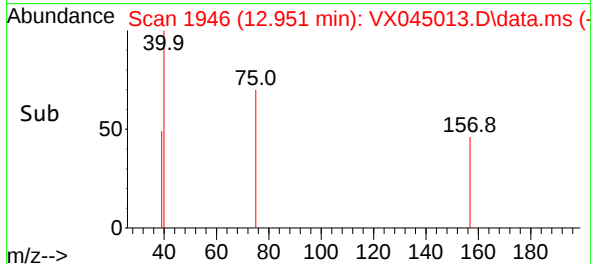
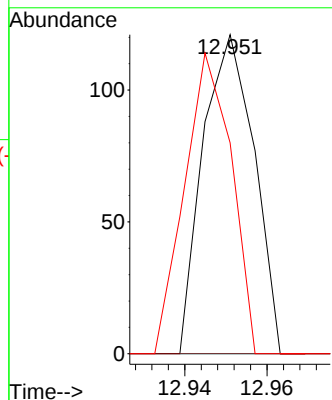
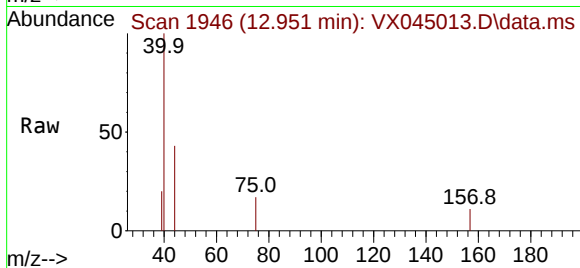
Tgt Ion: 75 Resp: 105

Ion Ratio Lower Upper

75 100

155 0.0 66.2 99.4#

157 85.7 81.4 122.2



#89

1,2,4-Trichlorobenzene

Concen: 1.067 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX045013.D

Acq: 21 Feb 2025 11:52

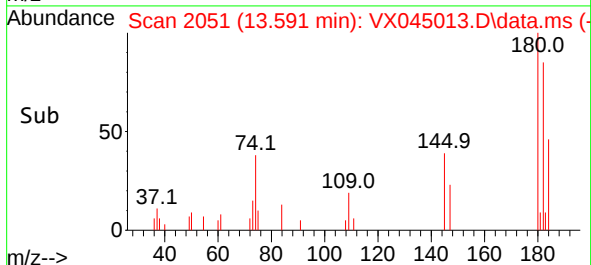
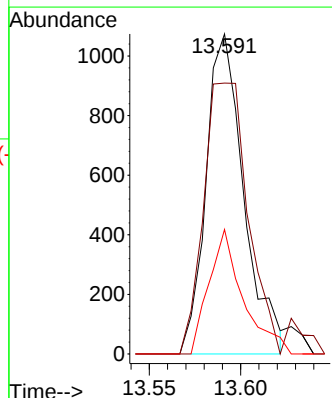
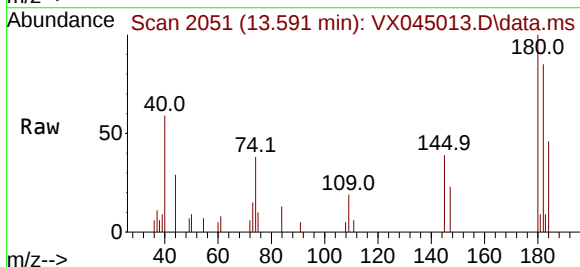
Tgt Ion: 180 Resp: 1551

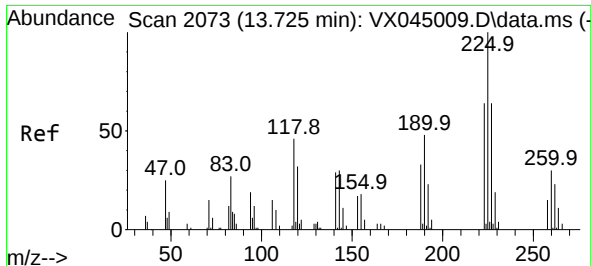
Ion Ratio Lower Upper

180 100

182 99.1 77.7 116.5

145 35.1 25.8 38.6

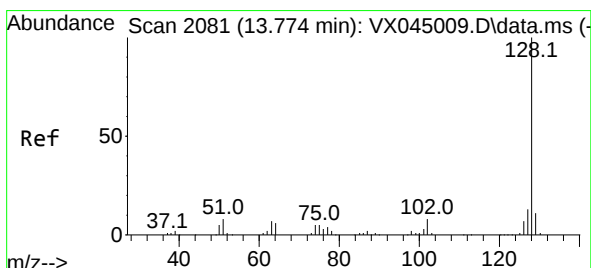
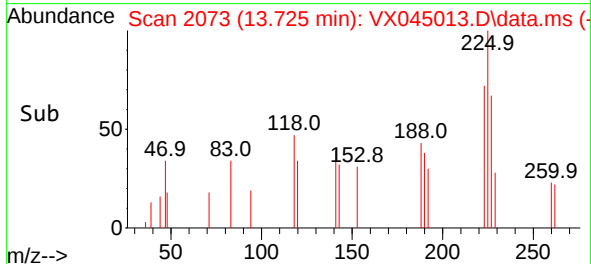
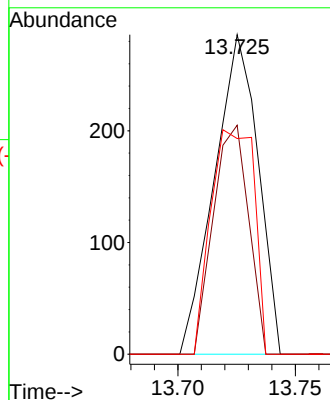
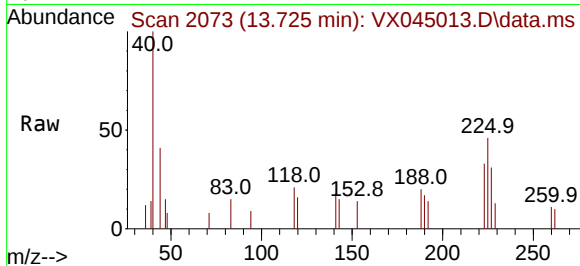




#90
Hexachlorobutadiene
Concen: 0.623 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

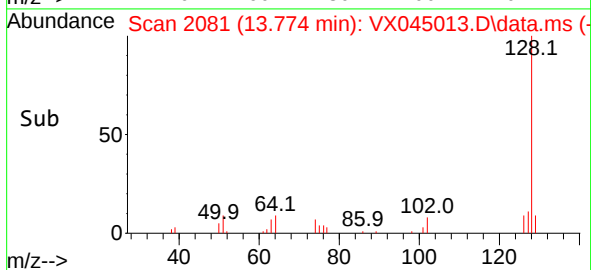
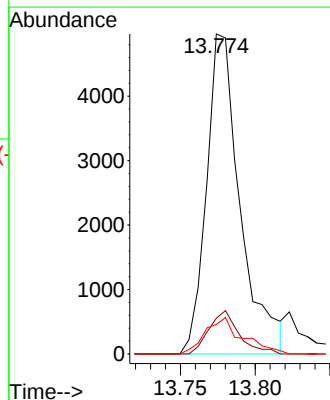
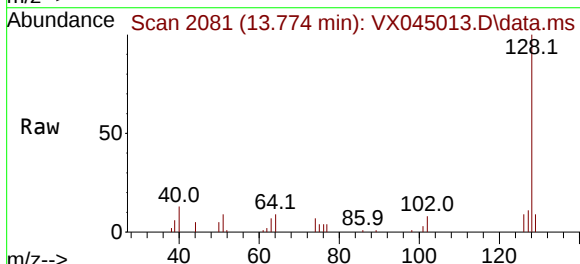
Instrument :
MSVOA_X
ClientSampleId :
IBLK

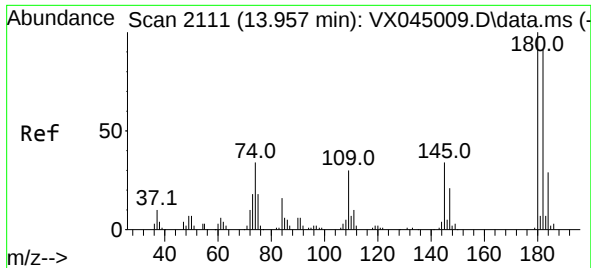
Tgt Ion:	225	Resp:	369
Ion	Ratio	Lower	Upper
225	100		
223	58.3	0.0	123.4
227	69.9	0.0	127.4



#91
Naphthalene
Concen: 1.520 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

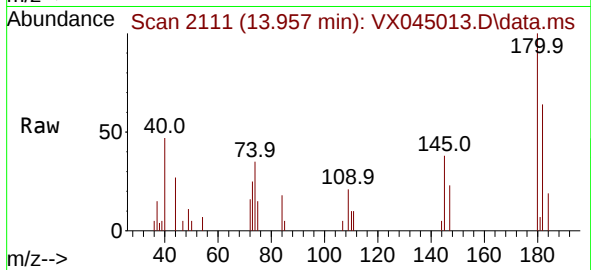
Tgt Ion:	128	Resp:	7789
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.5	15.7
129	10.2	8.7	13.1





#92
1,2,3-Trichlorobenzene
Concen: 1.350 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045013.D
Acq: 21 Feb 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:	180	Resp:	2020
Ion	Ratio	Lower	Upper
180	100		
182	75.1	0.0	186.6
145	32.4	0.0	68.4

