

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
 Data File : VX045904.D
 Acq On : 23 Apr 2025 11:55
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 24 02:14:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

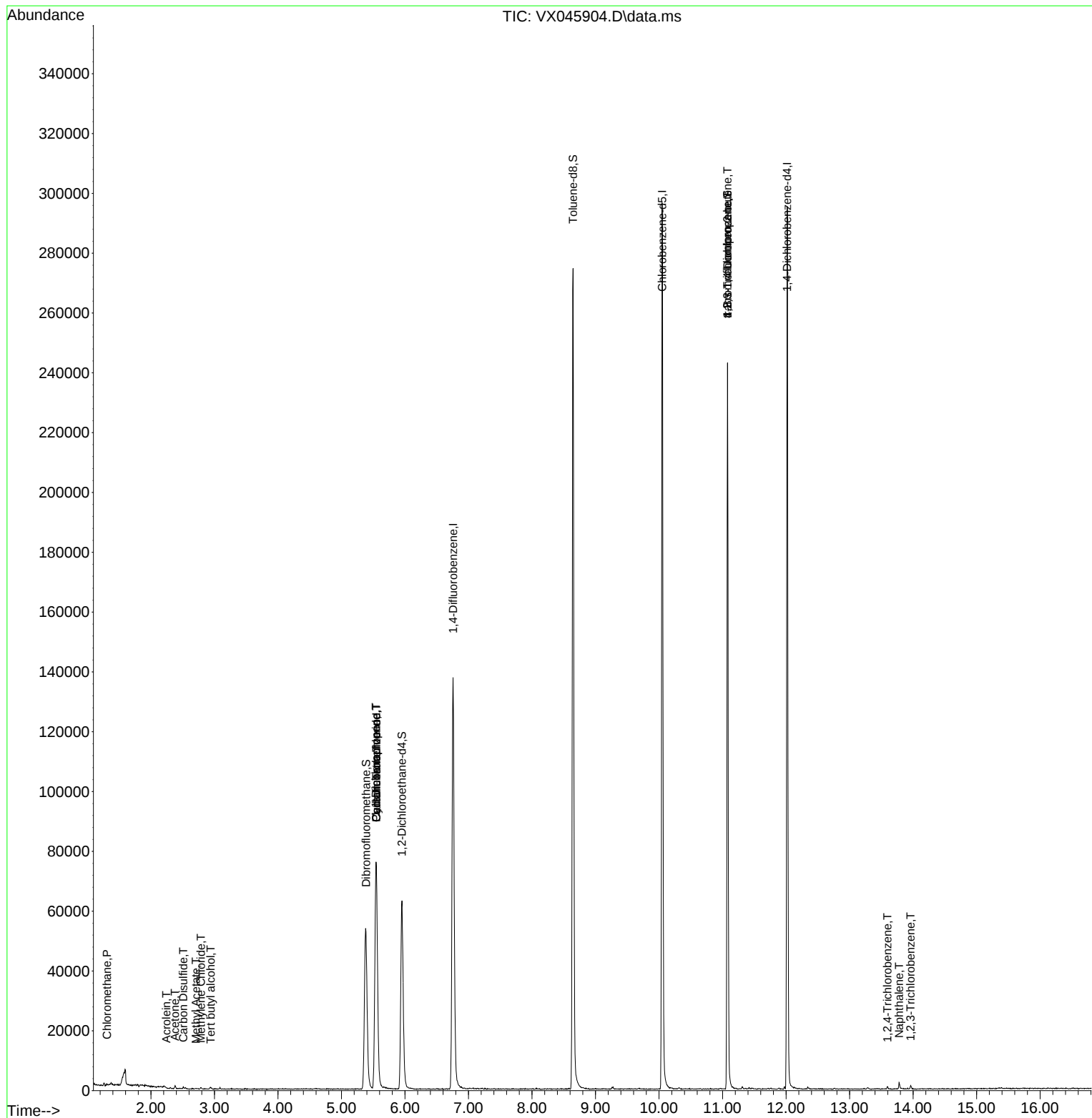
Internal Standards						
1) Pentafluorobenzene	5.550	168	66668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64839	53.182	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.360%			
35) Dibromofluoromethane	5.385	113	47251	51.247	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.500%			
50) Toluene-d8	8.647	98	163135	50.691	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.380%			
62) 4-Bromofluorobenzene	11.079	95	63440	54.119	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.240%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	863	0.843	ug/l	94
11) Tert butyl alcohol	2.940	59	148	0.903	ug/l #	72
13) Acrolein	2.239	56	54	0.239	ug/l #	75
16) Acetone	2.380	43	863	1.724	ug/l	98
17) Carbon Disulfide	2.508	76	571	0.289	ug/l #	76
18) Methyl Acetate	2.709	43	349	0.303	ug/l #	54
20) Methylene Chloride	2.788	84	206	0.220	ug/l #	64
31) Cyclohexane	5.550	56	2046	1.368	ug/l #	32
36) 1,1-Dichloropropene	5.544	75	6432	5.167	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7765	5.771	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	35996	27.933	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35996	94.802	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.597	180	310	0.315	ug/l #	89
95) Naphthalene	13.780	128	1884	0.514	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	358	0.347	ug/l	93

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

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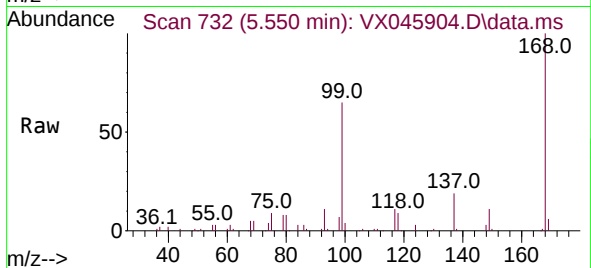
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



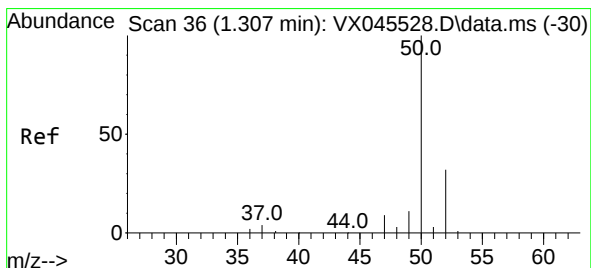
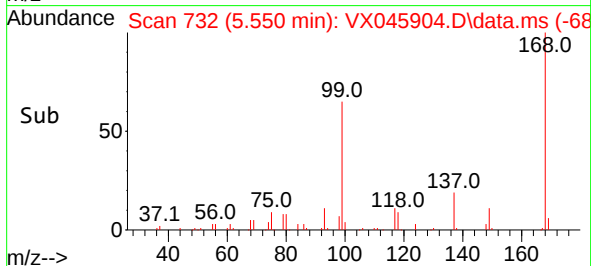
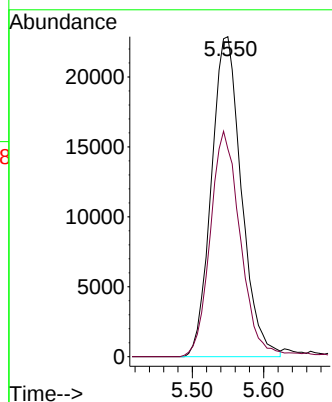


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045904.D
Acq: 23 Apr 2025 11:55

Instrument :
MSVOA_X
ClientSampleId :
IBLK

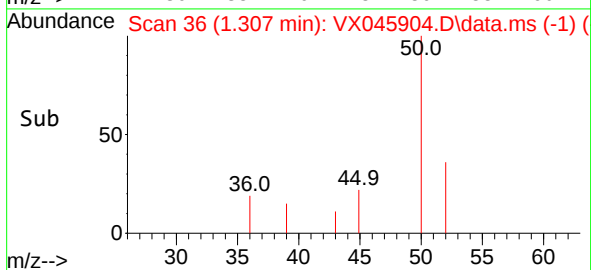
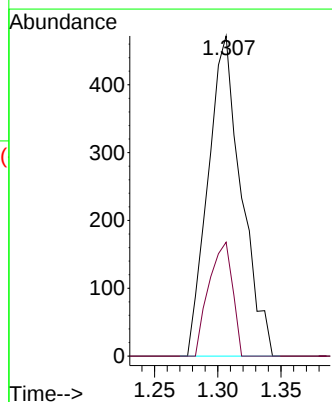
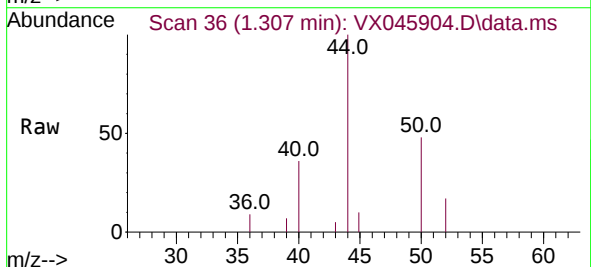


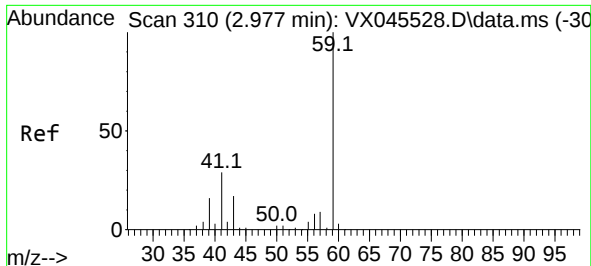
Tgt Ion:168 Resp: 66668
Ion Ratio Lower Upper
168 100
99 64.9 52.3 78.5



#3
Chloromethane
Concen: 0.843 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX045904.D
Acq: 23 Apr 2025 11:55

Tgt Ion: 50 Resp: 863
Ion Ratio Lower Upper
50 100
52 35.6 25.9 38.9





#11

Tert butyl alcohol

Concen: 0.903 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.037 min

Lab File: VX045904.D

Acq: 23 Apr 2025 11:55

Instrument :

MSVOA_X

ClientSampleId :

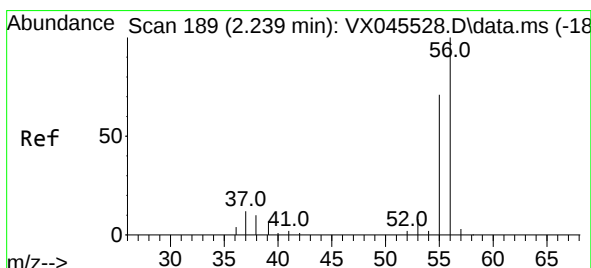
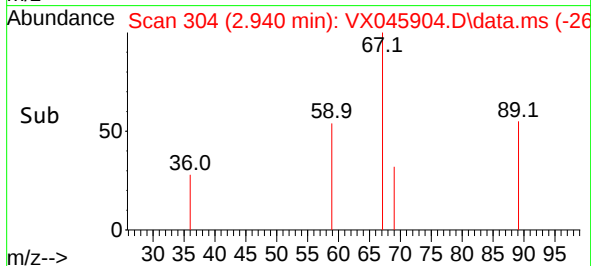
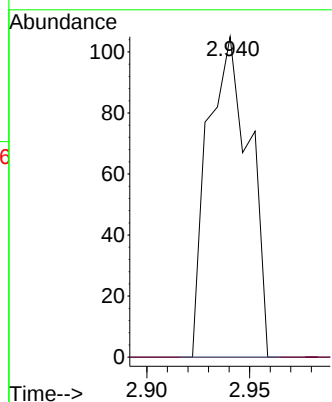
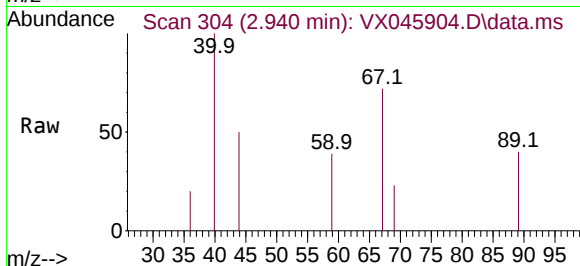
IBLK

Tgt Ion: 59 Resp: 148

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#13

Acrolein

Concen: 0.239 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX045904.D

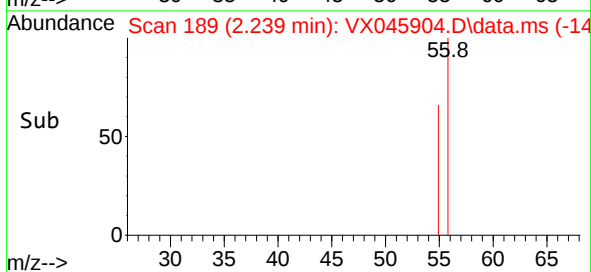
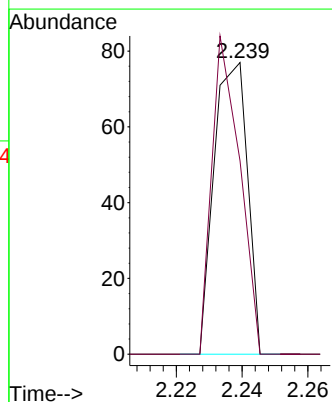
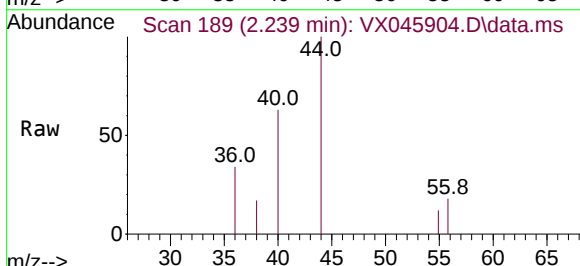
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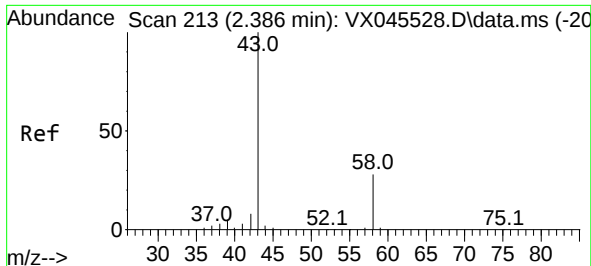
Tgt Ion: 56 Resp: 54

Ion Ratio Lower Upper

56 100

55 90.7 56.2 84.2#

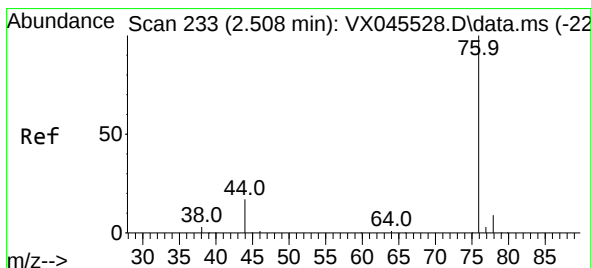
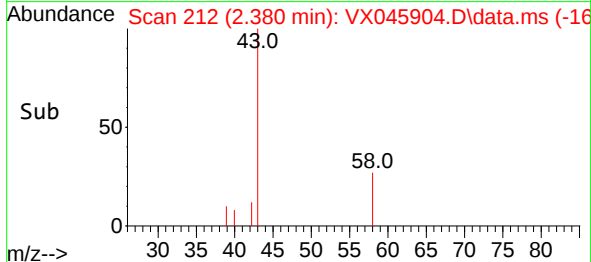
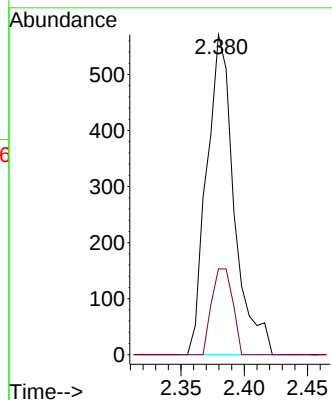
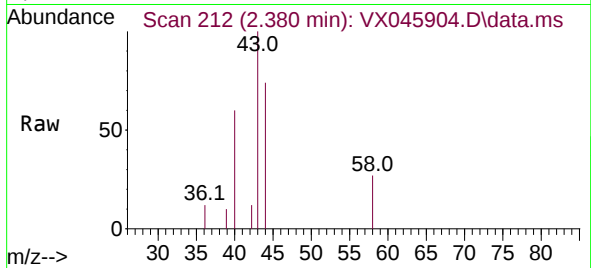




#16
Acetone
Concen: 1.724 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045904.D
Acq: 23 Apr 2025 11:55

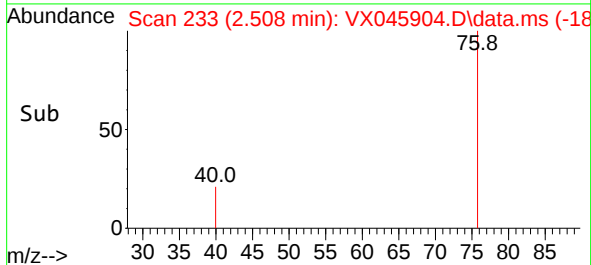
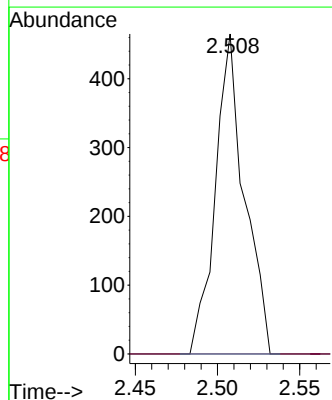
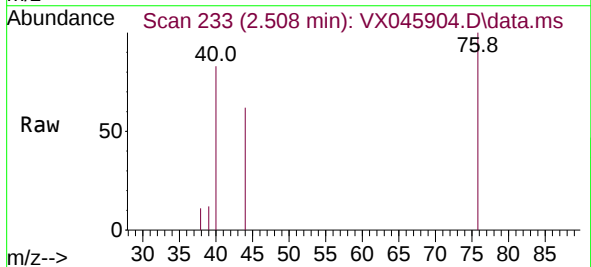
Instrument :
MSVOA_X
ClientSampleId :
IBLK

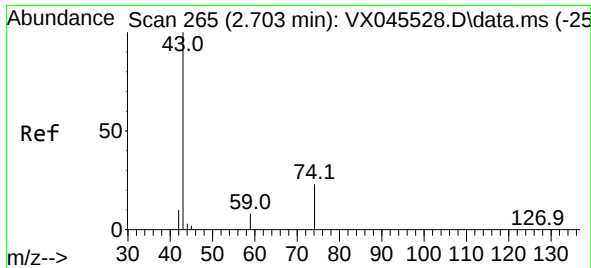
Tgt Ion: 43 Resp: 863
Ion Ratio Lower Upper
43 100
58 26.8 22.3 33.5



#17
Carbon Disulfide
Concen: 0.289 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX045904.D
Acq: 23 Apr 2025 11:55

Tgt Ion: 76 Resp: 571
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

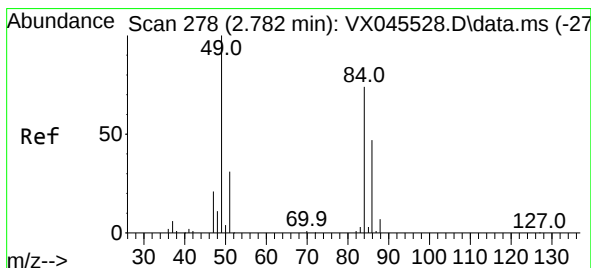
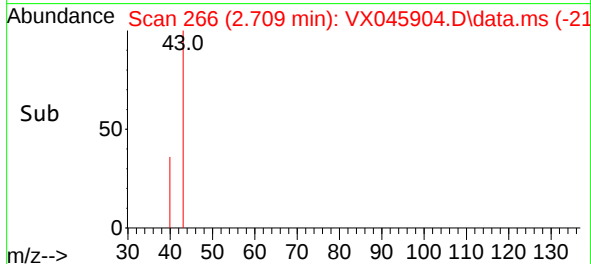
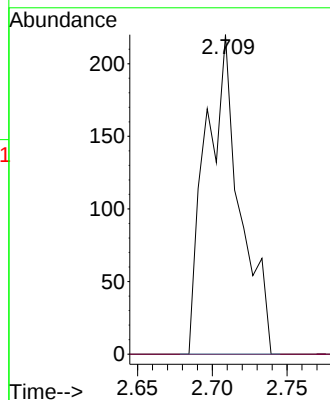
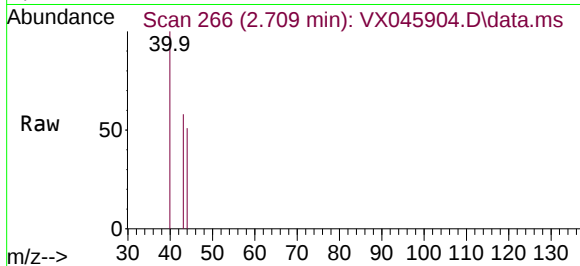




#18
Methyl Acetate
Concen: 0.303 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045904.D
Acq: 23 Apr 2025 11:55

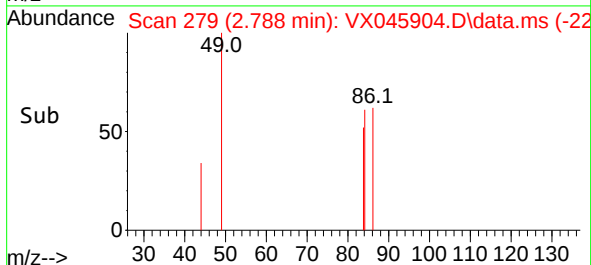
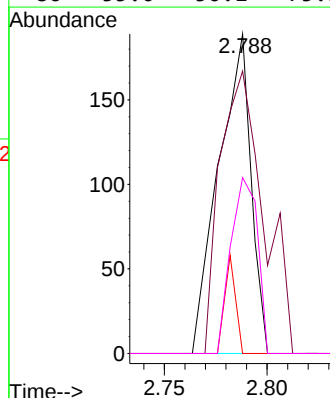
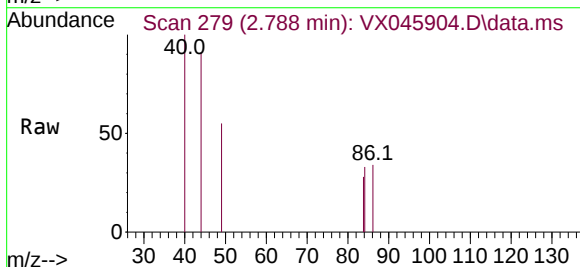
Instrument :
MSVOA_X
ClientSampleId :
IBLK

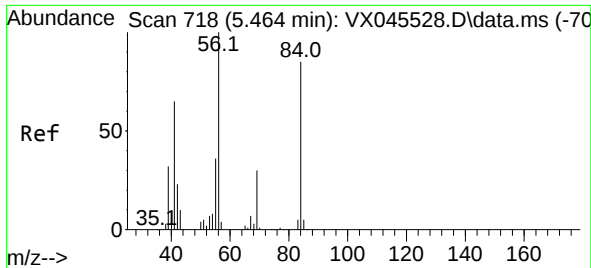
Tgt Ion: 43 Resp: 349
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 0.220 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045904.D
Acq: 23 Apr 2025 11:55

Tgt Ion: 84 Resp: 206
Ion Ratio Lower Upper
84 100
49 88.4 107.5 161.3#
51 0.0 33.0 49.6#
86 55.0 50.1 75.1

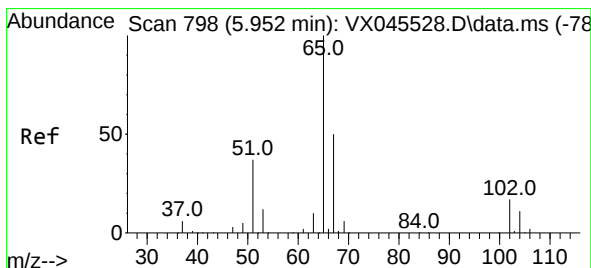
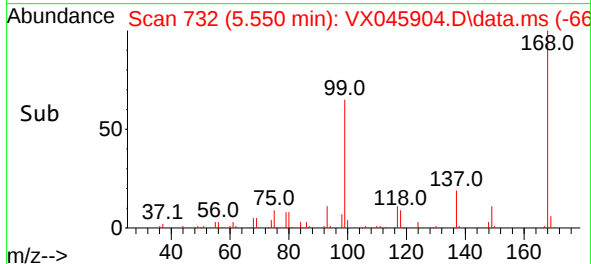
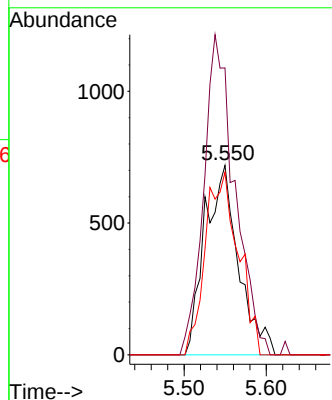
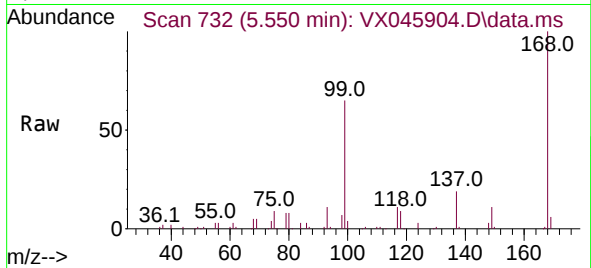




#31
Cyclohexane
Concen: 1.368 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045904.D
Acq: 23 Apr 2025 11:55

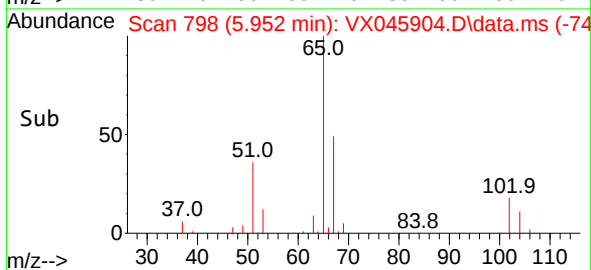
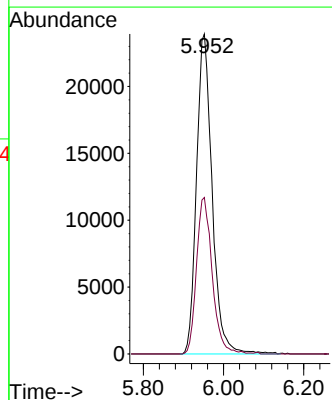
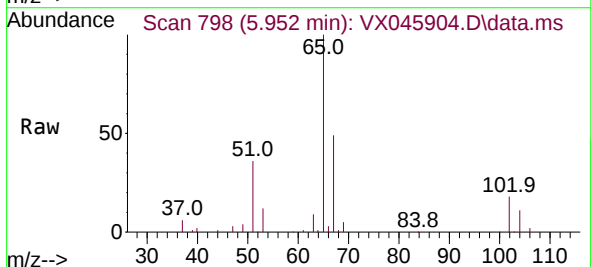
Instrument :
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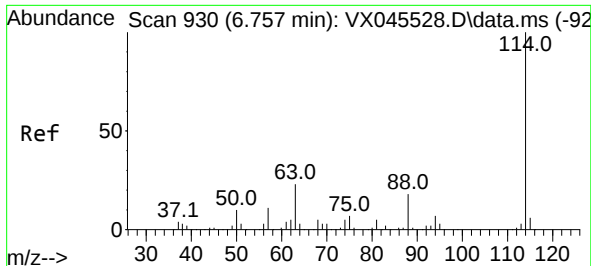
Tgt Ion: 56 Resp: 2046
Ion Ratio Lower Upper
56 100
69 151.5 23.6 35.4#
84 96.4 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 53.182 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045904.D
Acq: 23 Apr 2025 11:55

Tgt Ion: 65 Resp: 64839
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0

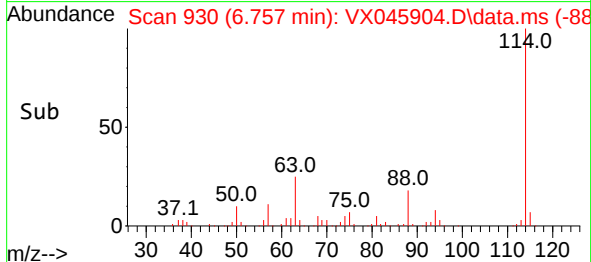
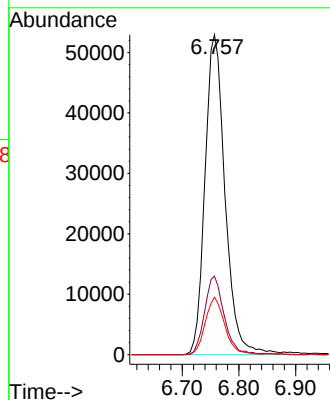
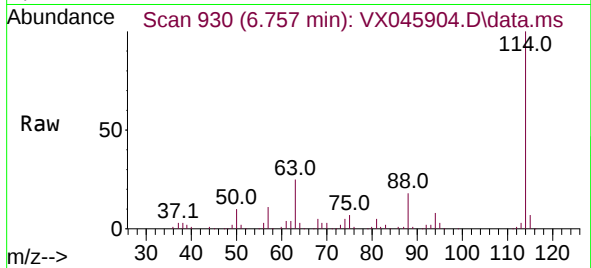




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045904.D
Acq: 23 Apr 2025 11:55

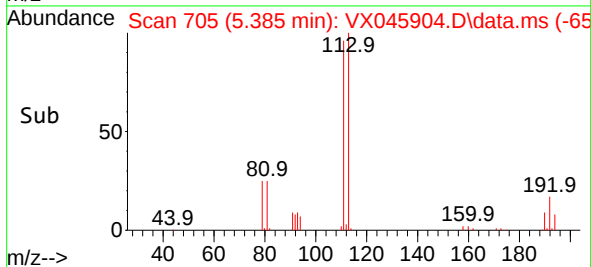
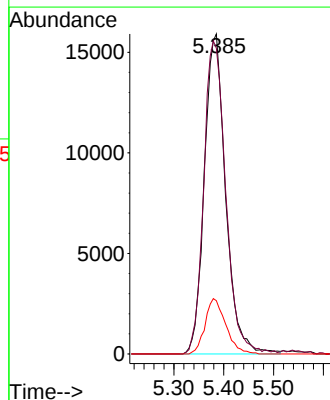
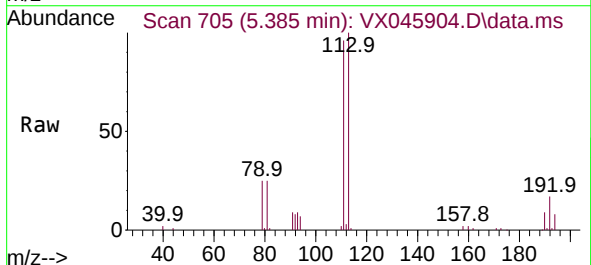
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 129954
Ion Ratio Lower Upper
114 100
63 24.6 0.0 46.8
88 17.9 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.247 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045904.D
Acq: 23 Apr 2025 11:55

Tgt Ion:113 Resp: 47251
Ion Ratio Lower Upper
113 100
111 100.8 81.8 122.6
192 16.8 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.167 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045904.D

Acq: 23 Apr 2025 11:55

Instrument :

MSVOA_X

ClientSampleId :

IBLK

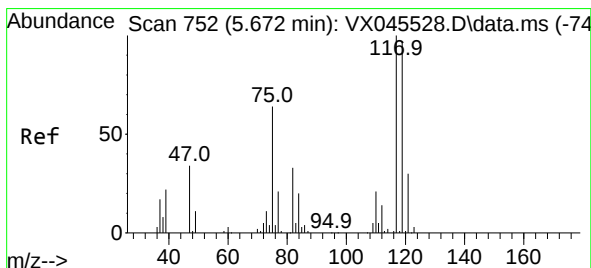
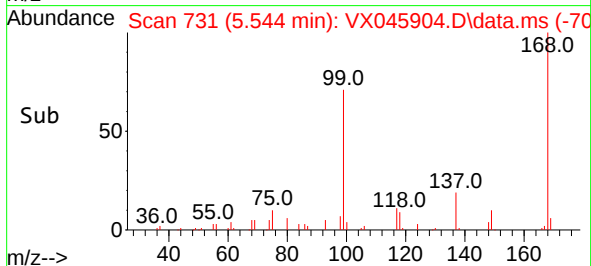
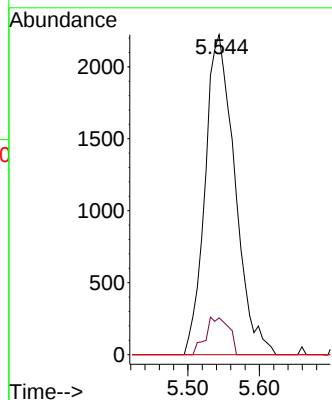
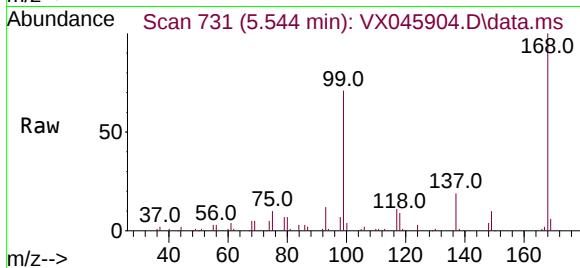
Tgt Ion: 75 Resp: 6432

Ion Ratio Lower Upper

75 100

110 9.2 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.771 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX045904.D

Acq: 23 Apr 2025 11:55

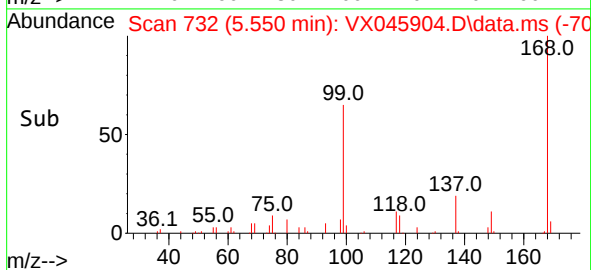
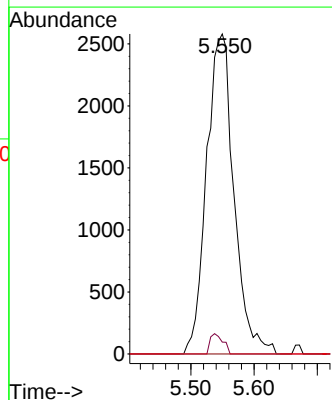
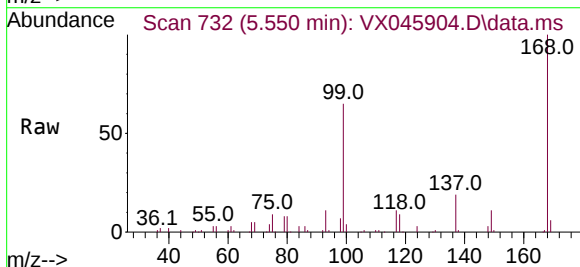
Tgt Ion: 117 Resp: 7765

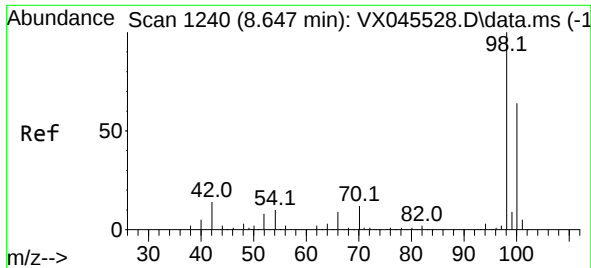
Ion Ratio Lower Upper

117 100

119 3.7 76.9 115.3#

121 0.0 24.2 36.2#

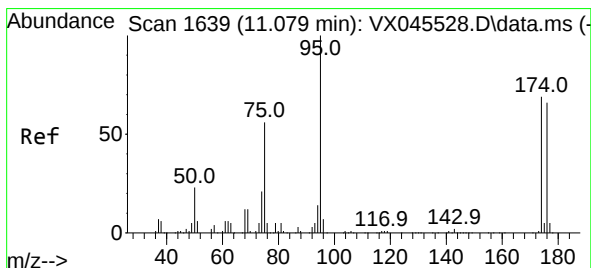
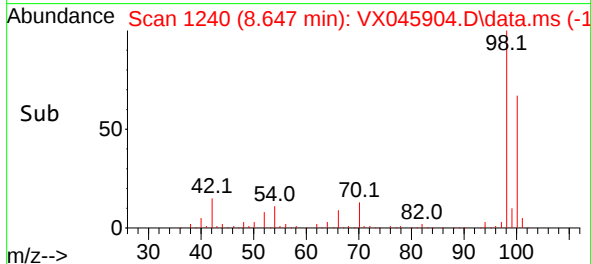
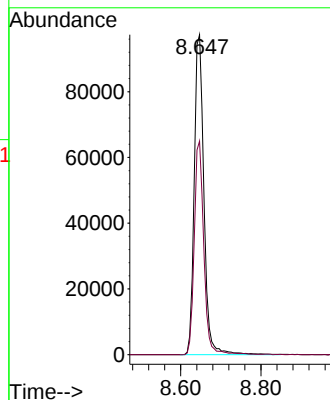
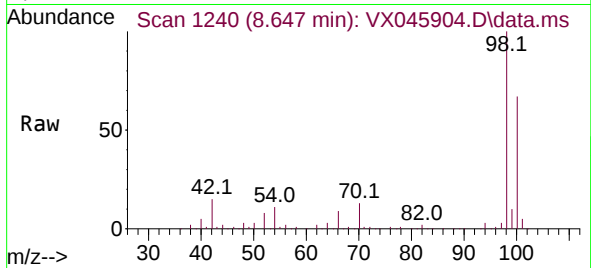




#50
Toluene-d8
Concen: 50.691 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045904.D
Acq: 23 Apr 2025 11:55

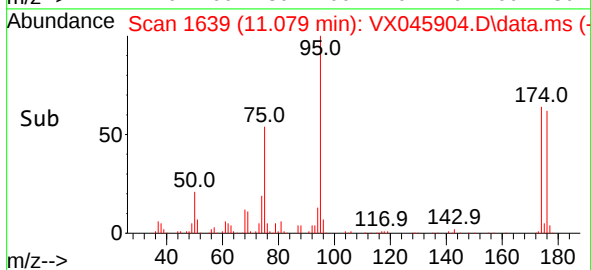
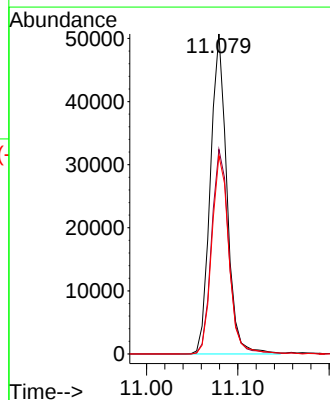
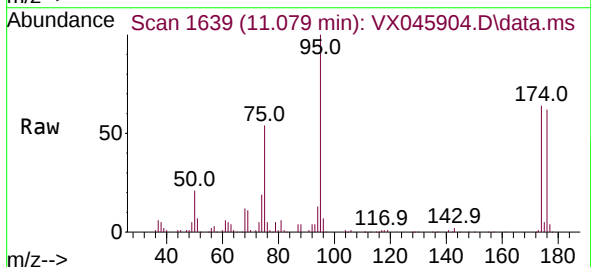
Instrument :
MSVOA_X
ClientSampleId :
IBLK

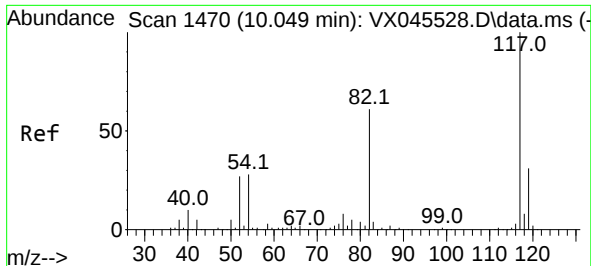
Tgt Ion: 98 Resp: 163135
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.119 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045904.D
Acq: 23 Apr 2025 11:55

Tgt Ion: 95 Resp: 63440
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 64.5 0.0 131.4

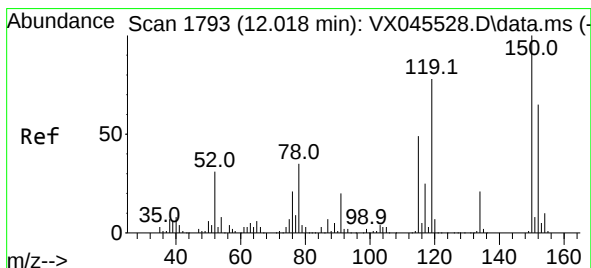
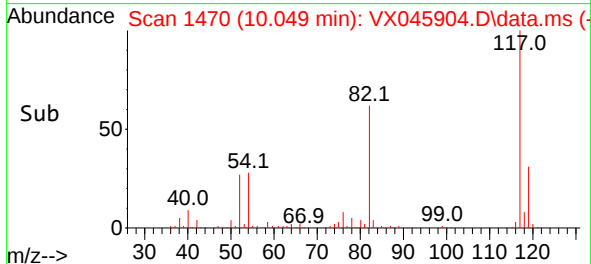
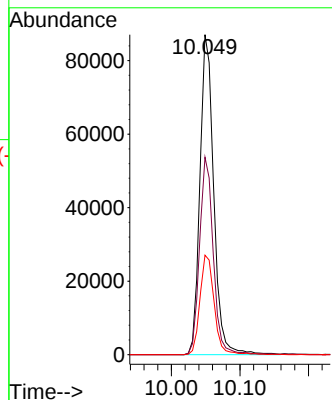
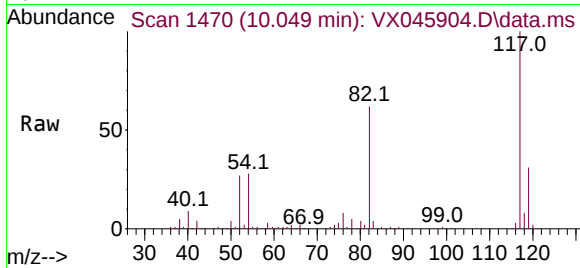




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045904.D
Acq: 23 Apr 2025 11:55

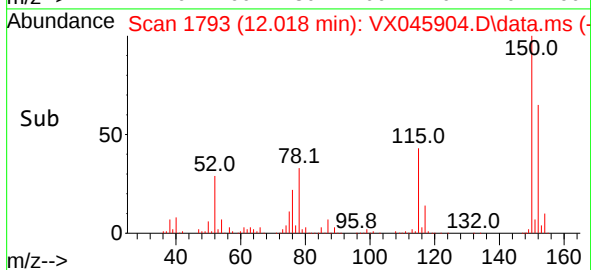
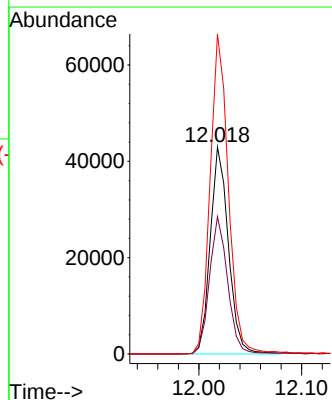
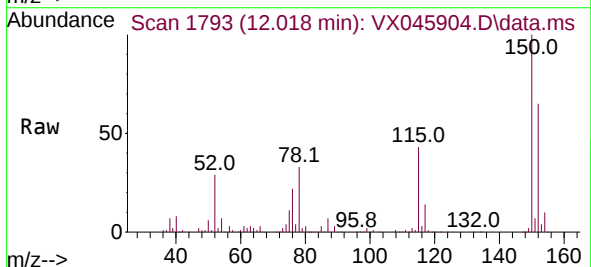
Instrument :
MSVOA_X
ClientSampleId :
IBLK

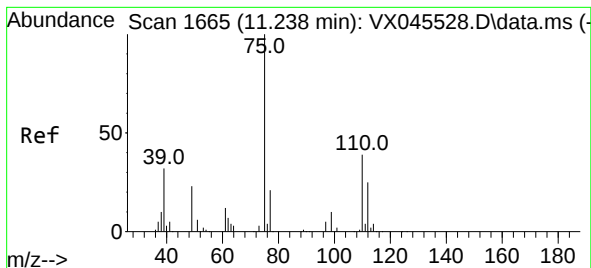
Tgt Ion:117 Resp: 122474
Ion Ratio Lower Upper
117 100
82 61.7 49.2 73.8
119 31.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045904.D
Acq: 23 Apr 2025 11:55

Tgt Ion:152 Resp: 52830
Ion Ratio Lower Upper
152 100
115 66.5 46.9 140.7
150 155.6 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 27.933 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045904.D

Acq: 23 Apr 2025 11:55

Instrument :

MSVOA_X

ClientSampleId :

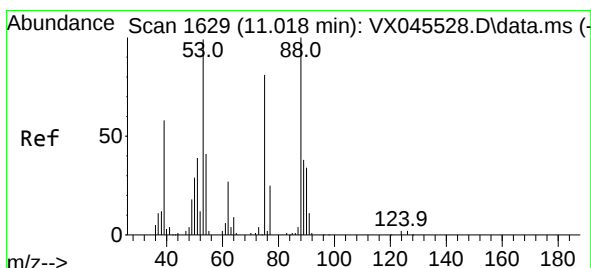
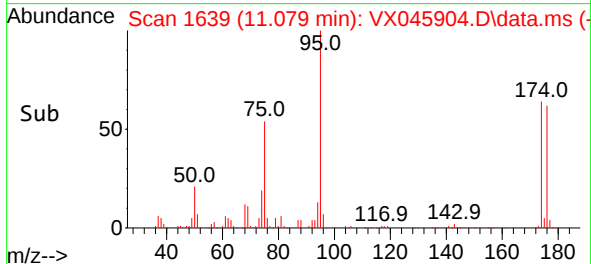
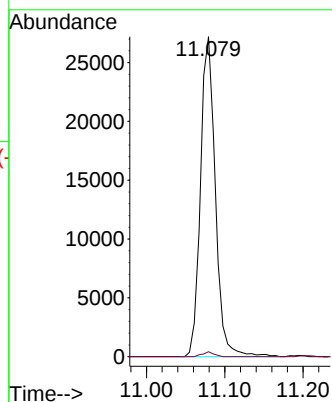
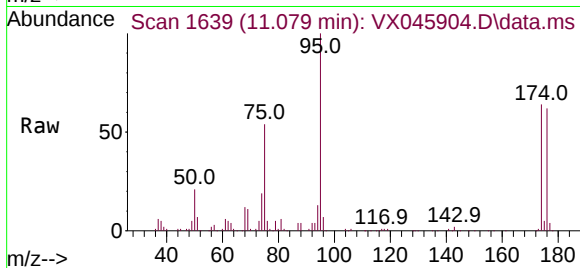
IBLK

Tgt Ion: 75 Resp: 35996

Ion Ratio Lower Upper

75 100

77 1.2 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 94.802 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045904.D

Acq: 23 Apr 2025 11:55

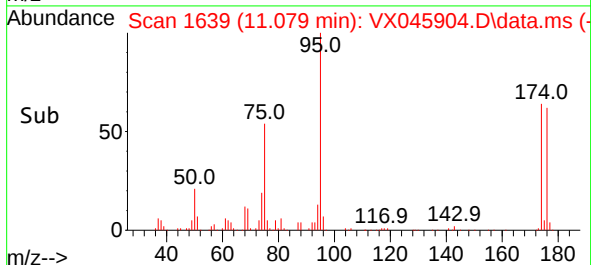
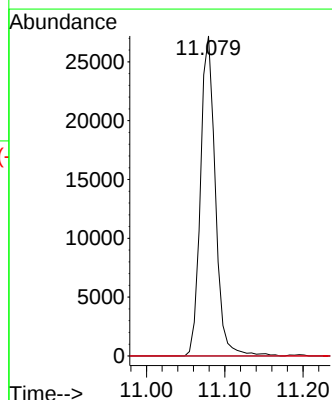
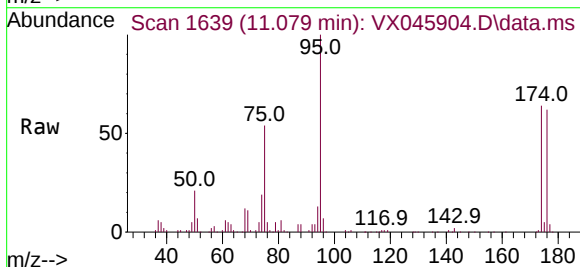
Tgt Ion: 75 Resp: 35996

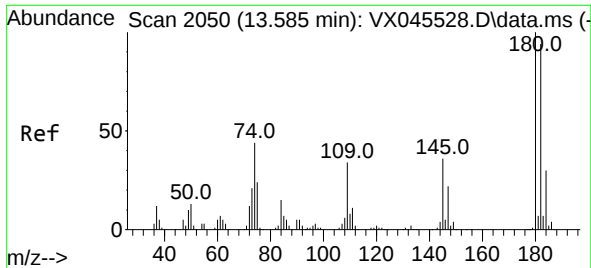
Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

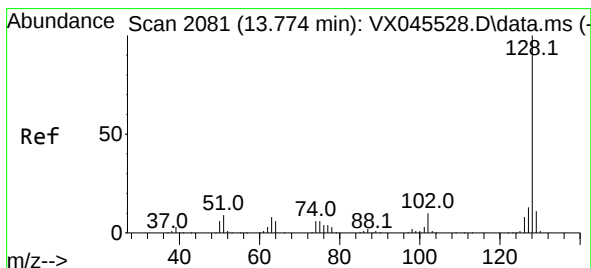
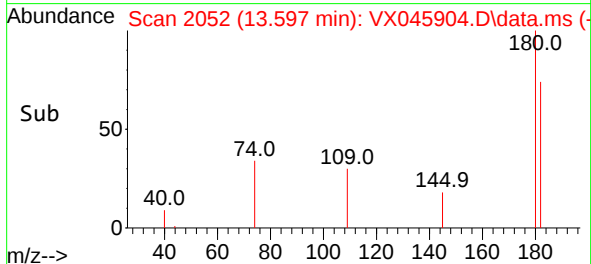
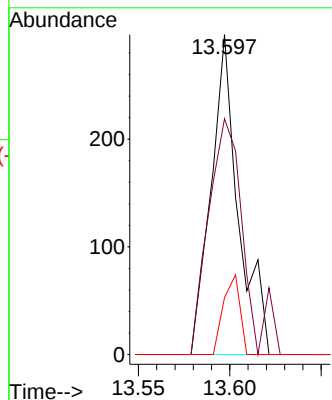
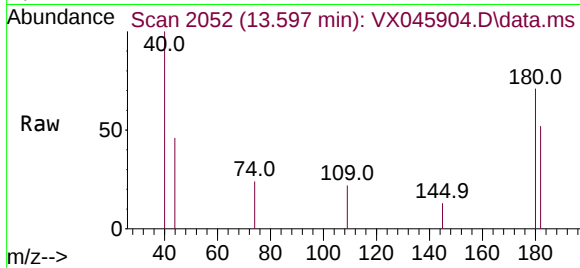




#93
 1,2,4-Trichlorobenzene
 Concen: 0.315 ug/l
 RT: 13.597 min Scan# 2052
 Delta R.T. 0.012 min
 Lab File: VX045904.D
 Acq: 23 Apr 2025 11:55

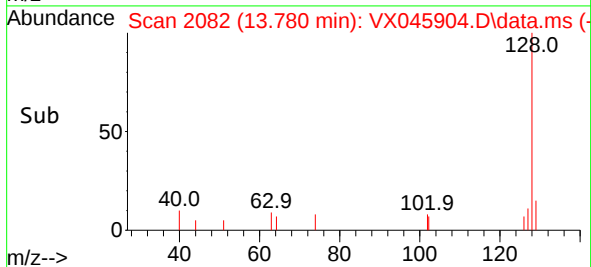
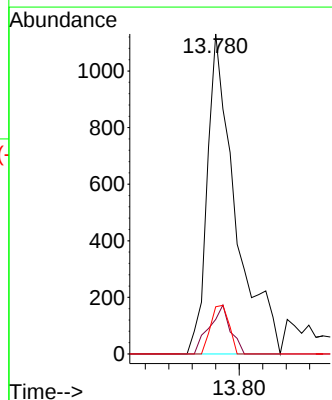
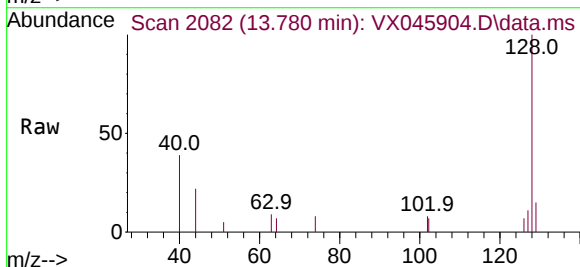
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

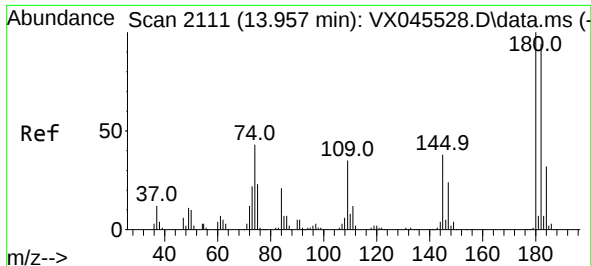
Tgt Ion:180 Resp: 310
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.9 143.6
 145 14.8 17.9 53.8#



#95
 Naphthalene
 Concen: 0.514 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX045904.D
 Acq: 23 Apr 2025 11:55

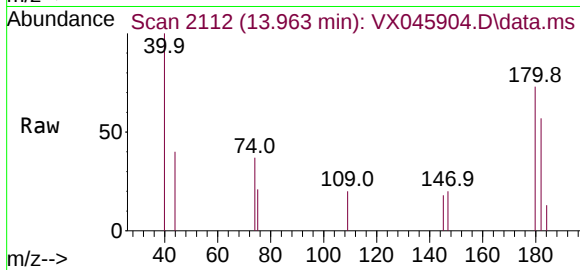
Tgt Ion:128 Resp: 1884
 Ion Ratio Lower Upper
 128 100
 127 11.4 10.3 15.5
 129 9.8 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 0.347 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX045904.D
 Acq: 23 Apr 2025 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:180 Resp: 358
 Ion Ratio Lower Upper
 180 100
 182 98.6 47.3 141.8
 145 27.4 18.2 54.6

