

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042125\
 Data File : VX045871.D
 Acq On : 21 Apr 2025 11:31
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 22 01:23:55 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)

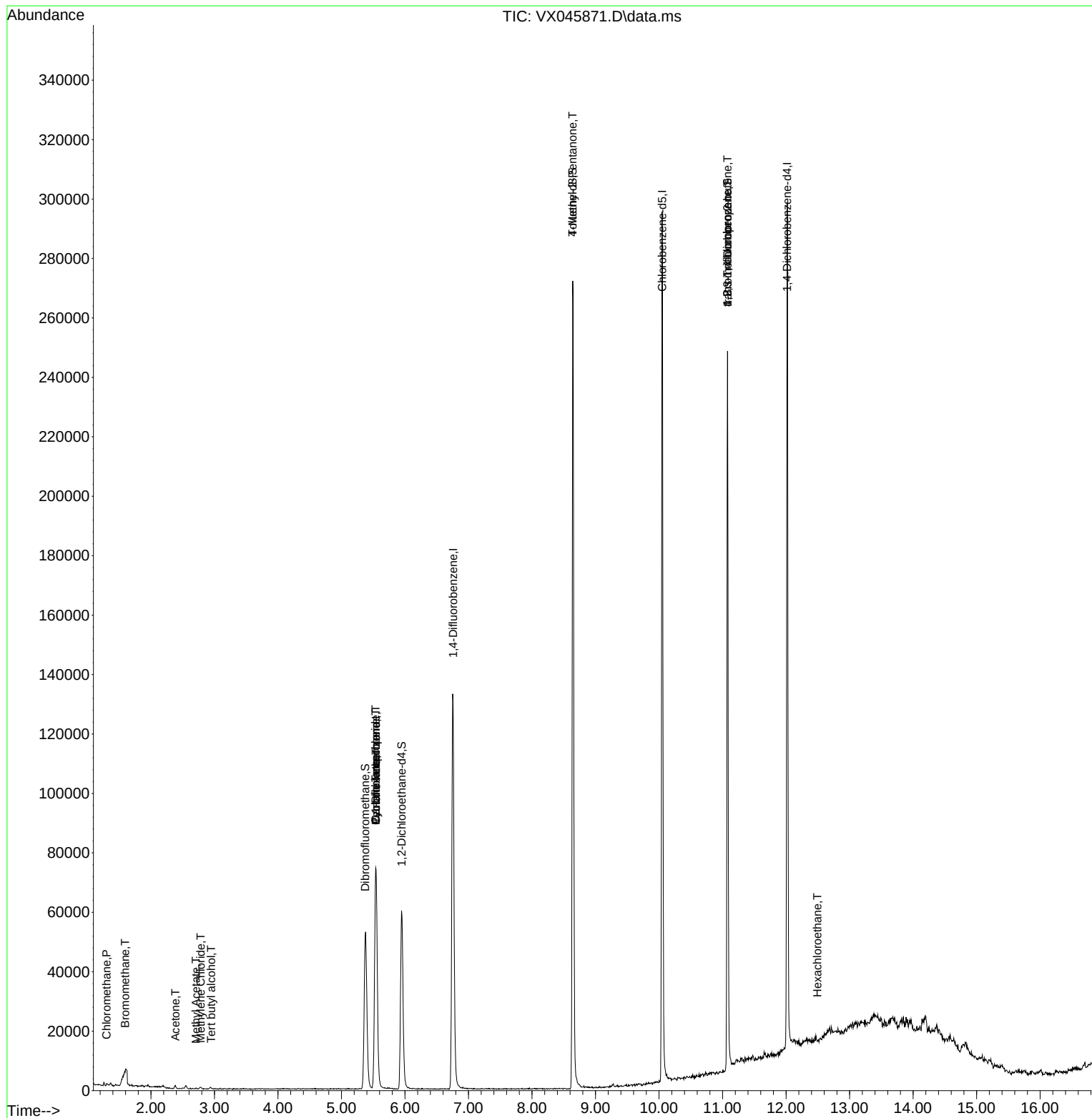
Internal Standards						
1) Pentafluorobenzene	5.544	168	66085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129472	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63376	52.441	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.880%			
35) Dibromofluoromethane	5.373	113	46190	50.283	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.560%			
50) Toluene-d8	8.641	98	161148	50.260	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.520%			
62) 4-Bromofluorobenzene	11.079	95	64291	55.049	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.100%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	902	0.888	ug/l #	72
5) Bromomethane	1.593	94	159	0.361	ug/l #	3
11) Tert butyl alcohol	2.947	59	235	1.447	ug/l #	72
16) Acetone	2.386	43	1306	2.632	ug/l	93
18) Methyl Acetate	2.709	43	344	0.301	ug/l #	54
20) Methylene Chloride	2.782	84	315	0.339	ug/l #	64
31) Cyclohexane	5.544	56	2001	1.350	ug/l #	39
36) 1,1-Dichloropropene	5.538	75	6528	5.263	ug/l #	51
38) Carbon Tetrachloride	5.538	117	7984	5.956	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	1071	0.682	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37090	27.615	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	37090	93.723	ug/l #	1
90) Hexachloroethane	12.494	117	236	0.376	ug/l	64

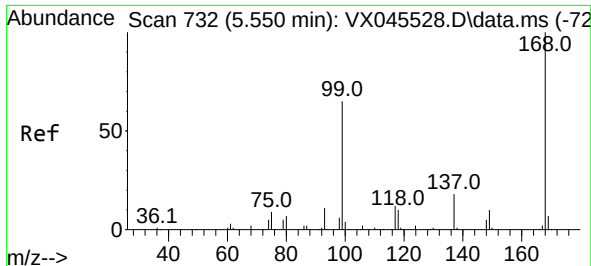
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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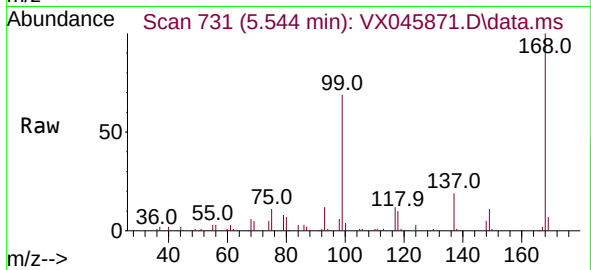
Quant Time: Apr 22 01:23:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
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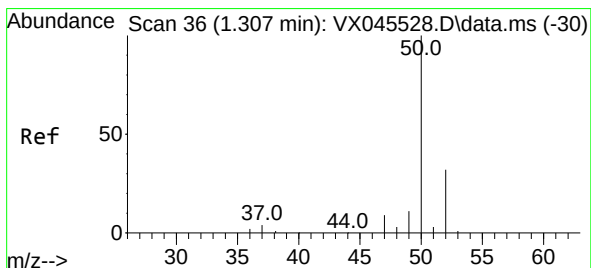
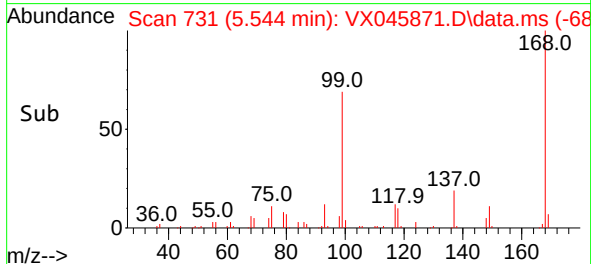
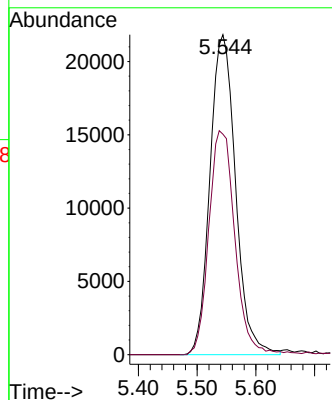


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
IBLK

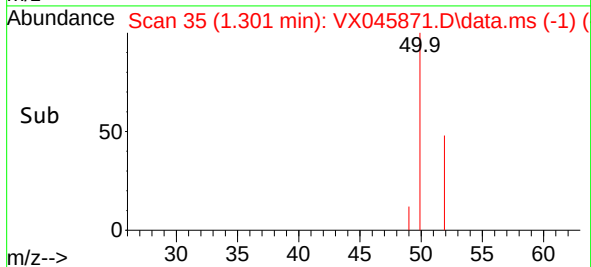
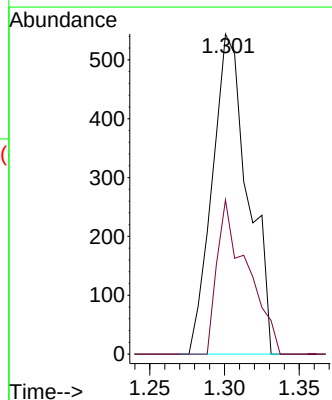
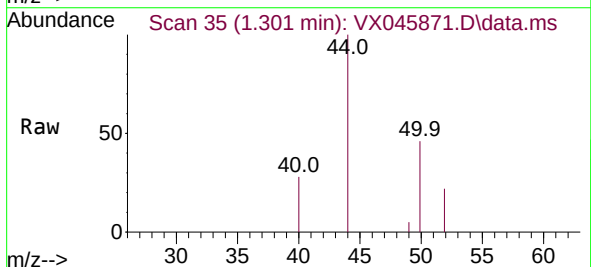


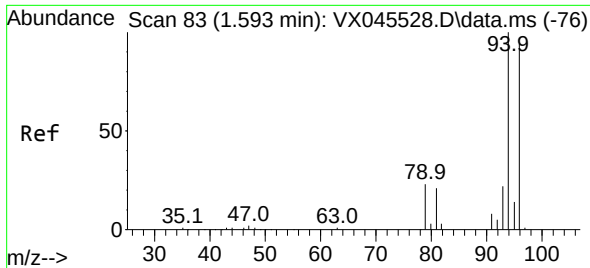
Tgt Ion:168 Resp: 66085
Ion Ratio Lower Upper
168 100
99 68.9 52.3 78.5



#3
Chloromethane
Concen: 0.888 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

Tgt Ion: 50 Resp: 902
Ion Ratio Lower Upper
50 100
52 48.2 25.9 38.9#

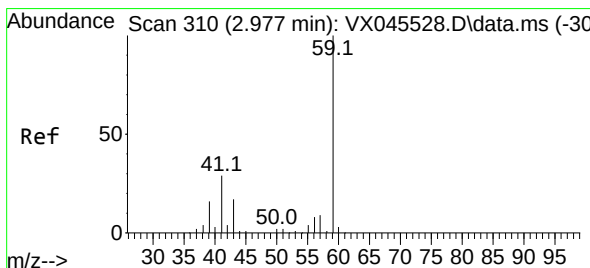
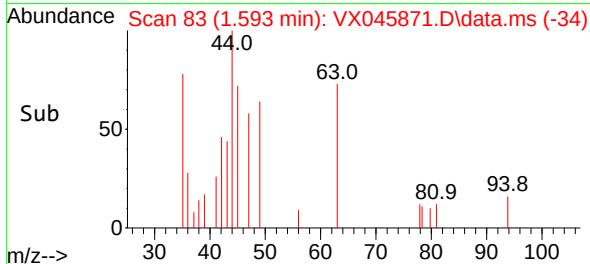
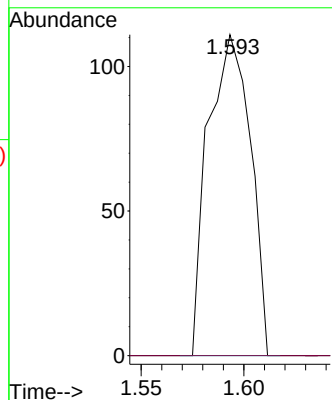
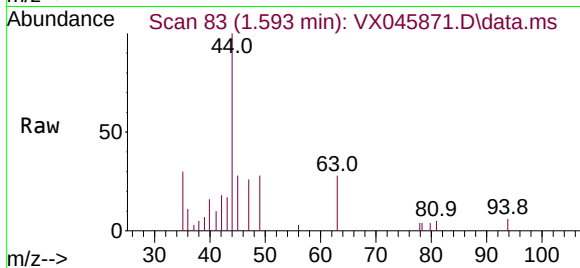




#5
Bromomethane
Concen: 0.361 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

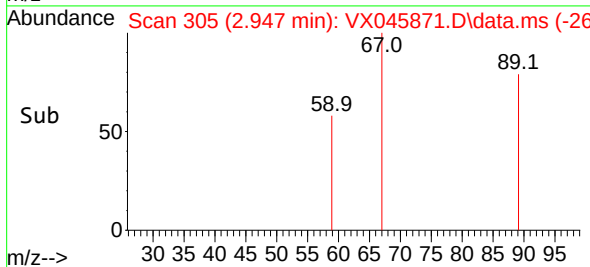
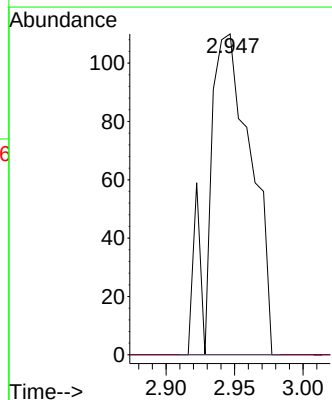
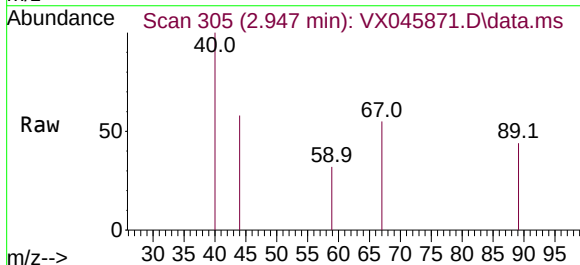
Instrument :
MSVOA_X
ClientSampleId :
IBLK

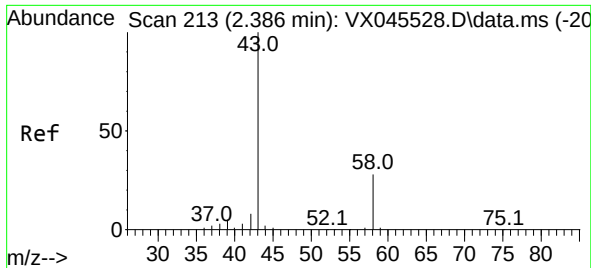
Tgt Ion: 94 Resp: 159
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#11
Tert butyl alcohol
Concen: 1.447 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

Tgt Ion: 59 Resp: 235
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

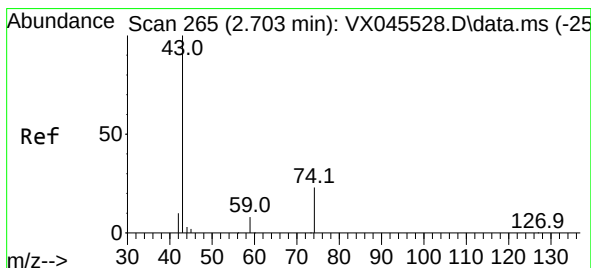
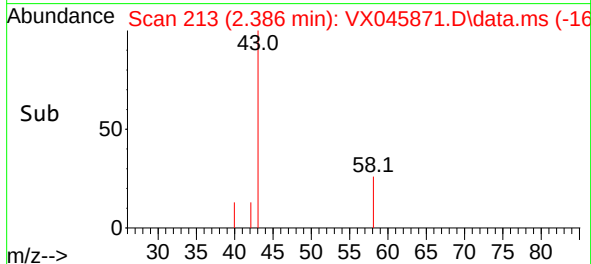
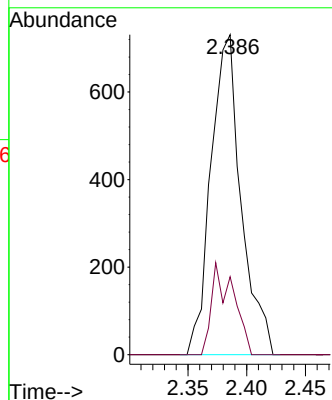
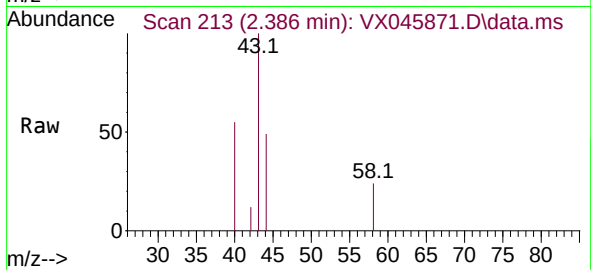




#16
Acetone
Concen: 2.632 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

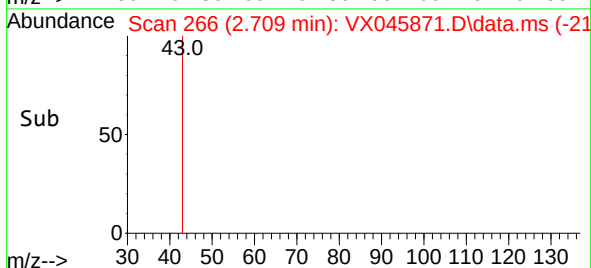
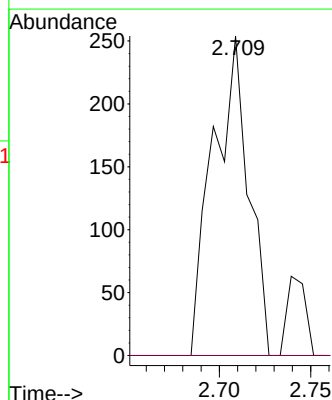
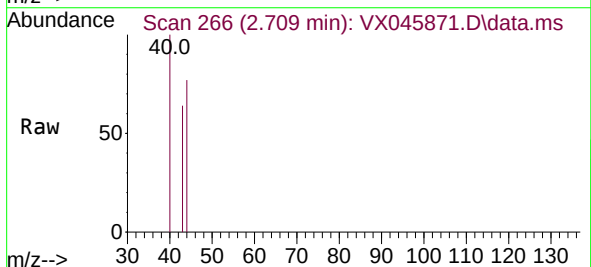
Instrument :
MSVOA_X
ClientSampleId :
IBLK

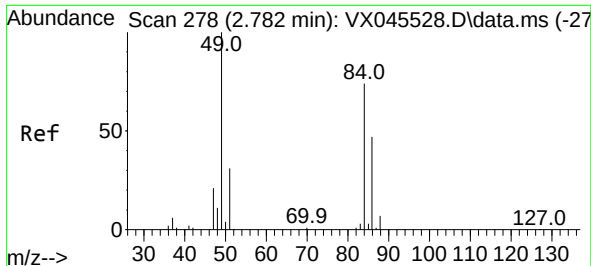
Tgt Ion: 43 Resp: 1306
Ion Ratio Lower Upper
43 100
58 24.4 22.3 33.5



#18
Methyl Acetate
Concen: 0.301 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

Tgt Ion: 43 Resp: 344
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

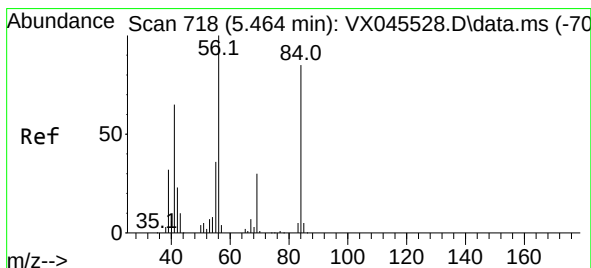
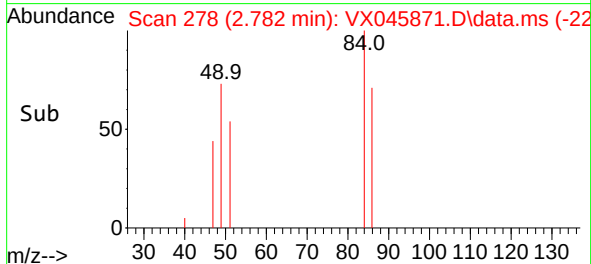
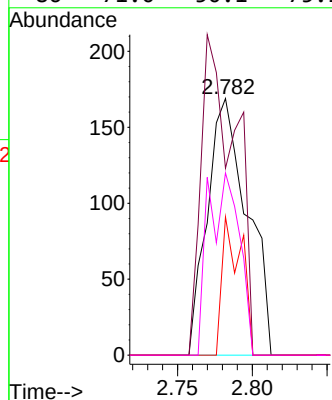
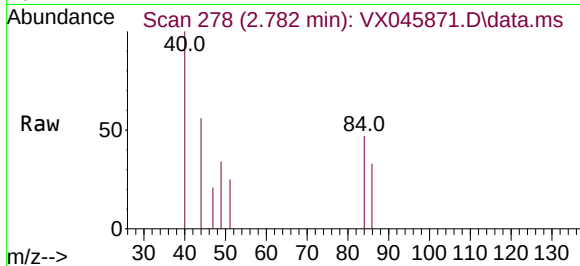




#20
Methylene Chloride
Concen: 0.339 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

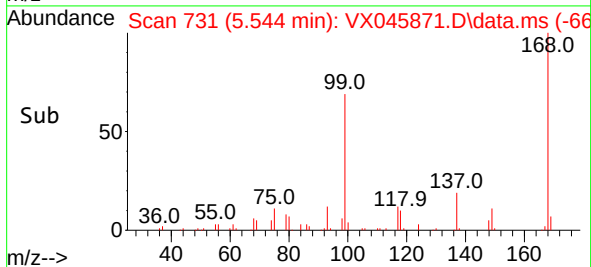
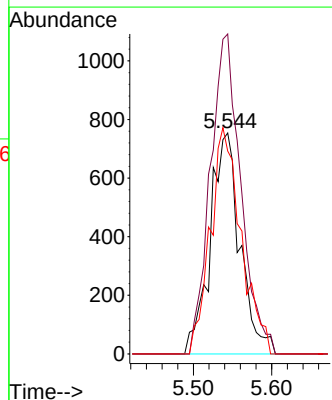
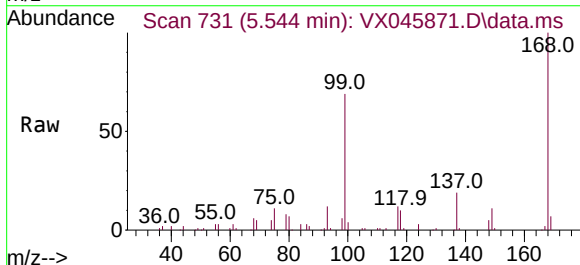
Instrument :
MSVOA_X
ClientSampleId :
IBLK

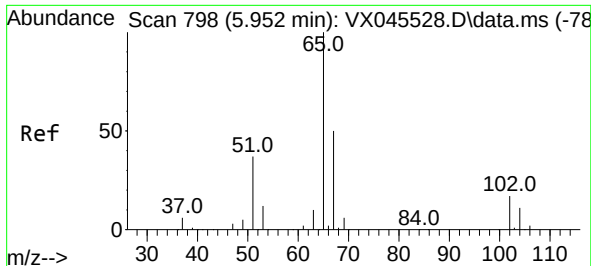
Tgt Ion:	84	Resp:	315
Ion	Ratio	Lower	Upper
84	100		
49	72.8	107.5	161.3#
51	53.8	33.0	49.6#
86	71.0	50.1	75.1



#31
Cyclohexane
Concen: 1.350 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

Tgt Ion:	56	Resp:	2001
Ion	Ratio	Lower	Upper
56	100		
69	144.8	23.6	35.4#
84	91.8	67.7	101.5





#33

1,2-Dichloroethane-d4

Concen: 52.441 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045871.D

Acq: 21 Apr 2025 11:31

Instrument :

MSVOA_X

ClientSampleId :

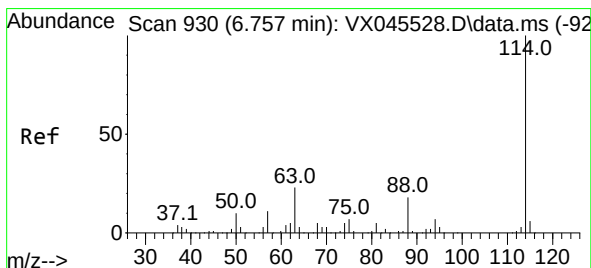
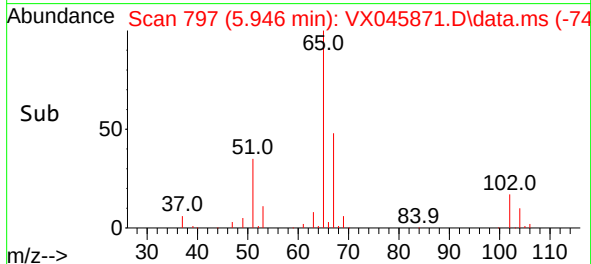
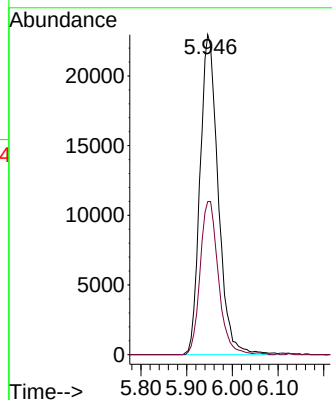
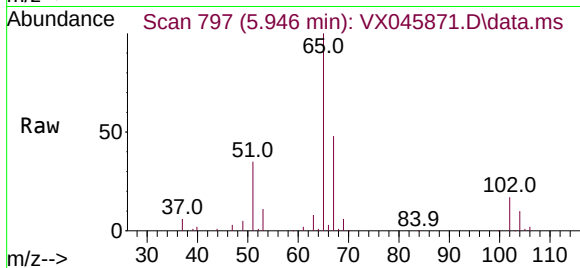
IBLK

Tgt Ion: 65 Resp: 63376

Ion Ratio Lower Upper

65 100

67 48.0 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045871.D

Acq: 21 Apr 2025 11:31

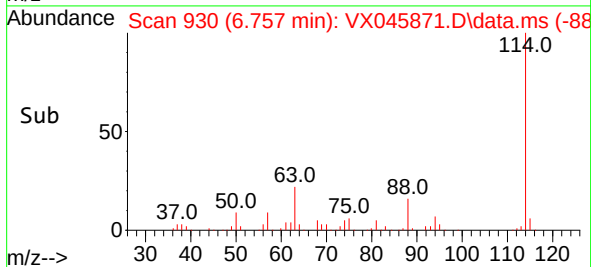
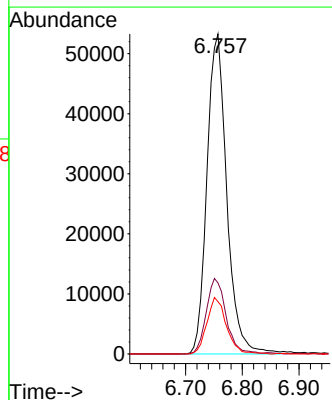
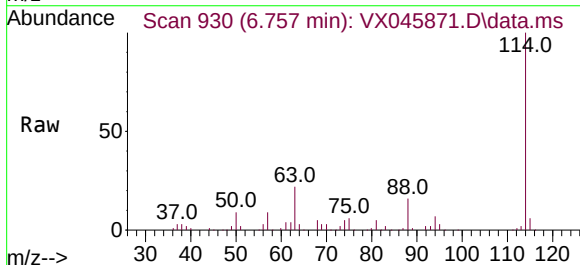
Tgt Ion: 114 Resp: 129472

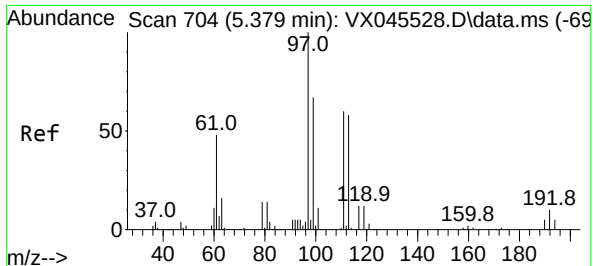
Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.8

88 16.3 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.283 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX045871.D

Acq: 21 Apr 2025 11:31

Instrument :

MSVOA_X

ClientSampleId :

IBLK

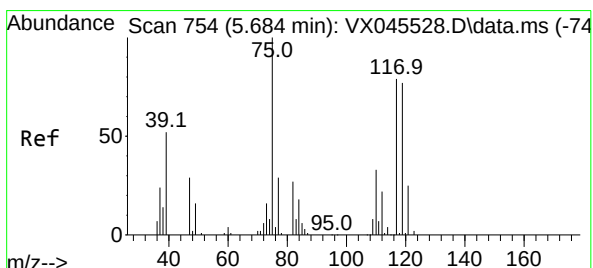
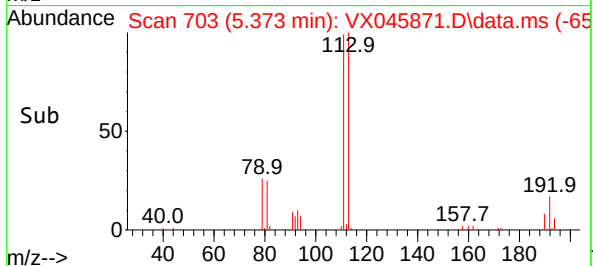
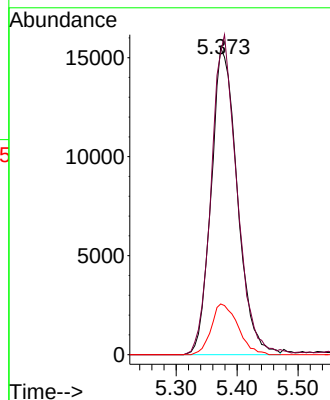
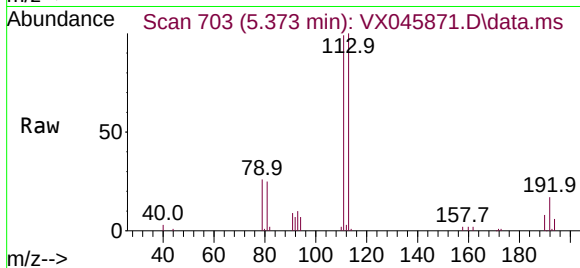
Tgt Ion:113 Resp: 46190

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.6

192 16.8 13.8 20.6



#36

1,1-Dichloropropene

Concen: 5.263 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.146 min

Lab File: VX045871.D

Acq: 21 Apr 2025 11:31

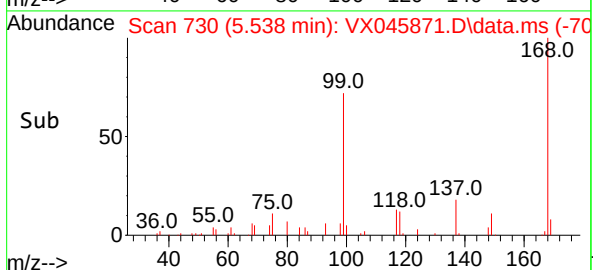
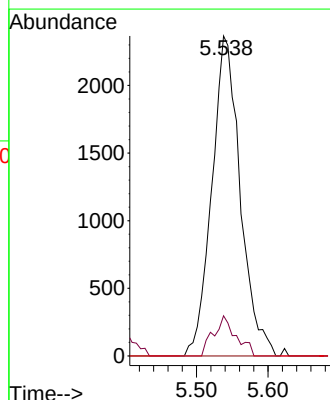
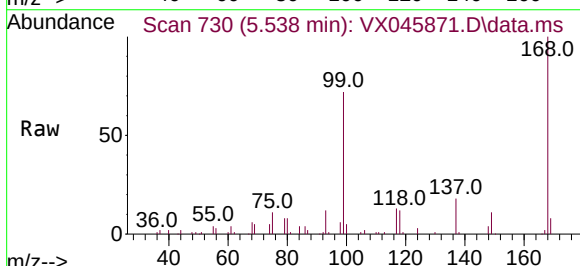
Tgt Ion: 75 Resp: 6528

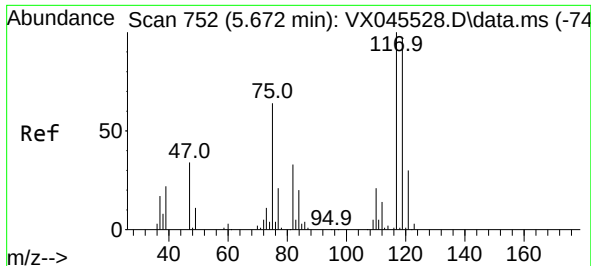
Ion Ratio Lower Upper

75 100

110 9.9 16.9 50.6#

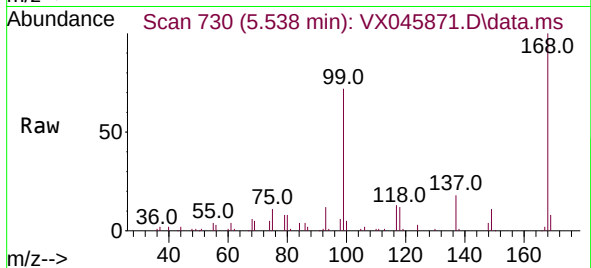
77 0.0 25.0 37.4#



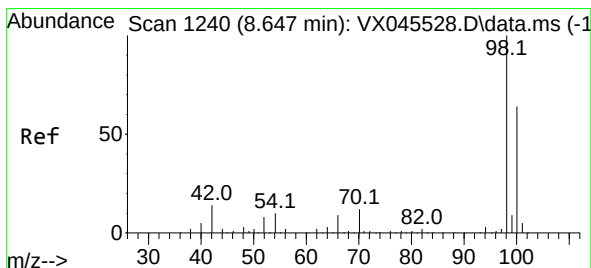
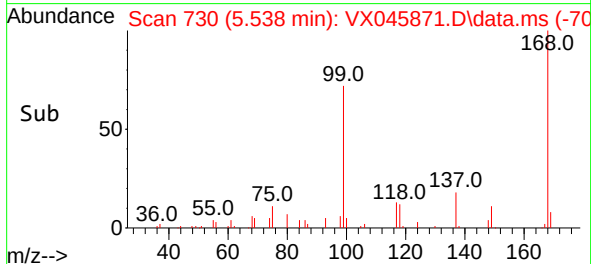
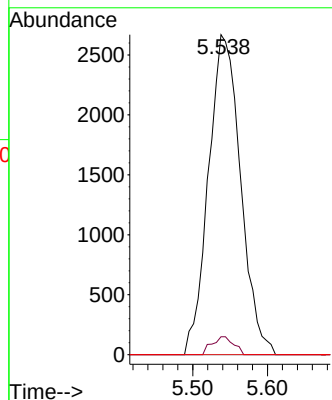


#38
Carbon Tetrachloride
Concen: 5.956 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
IBLK

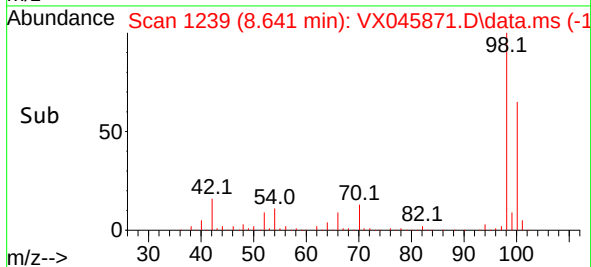
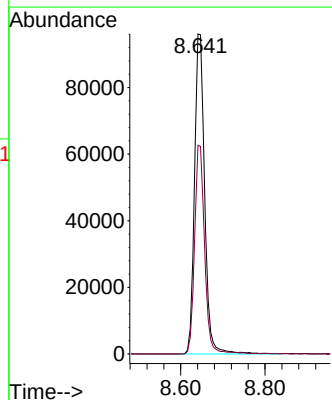
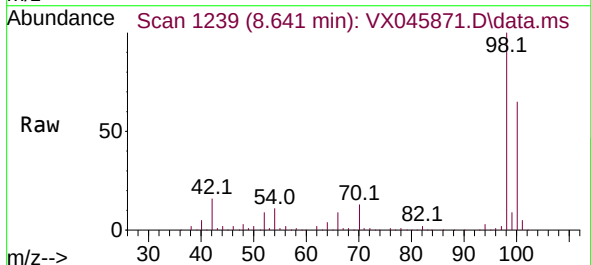


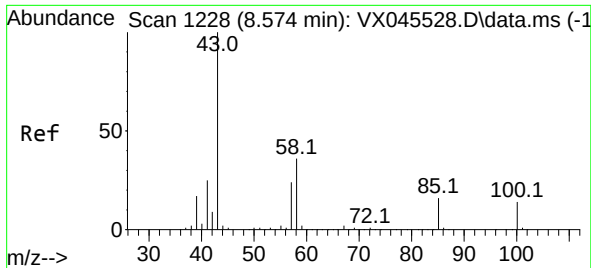
Tgt Ion:117 Resp: 7984
Ion Ratio Lower Upper
117 100
119 5.6 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.260 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

Tgt Ion: 98 Resp: 161148
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4

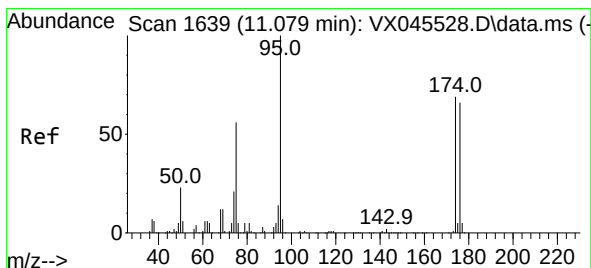
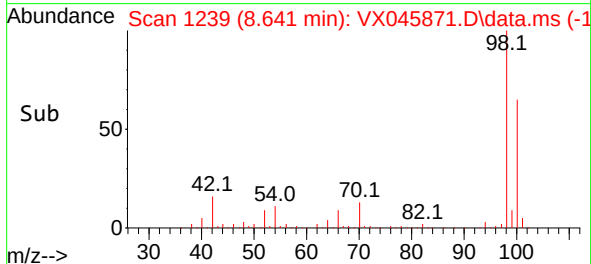
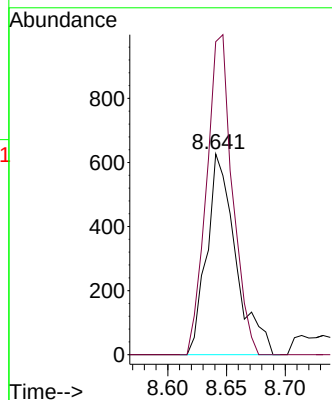
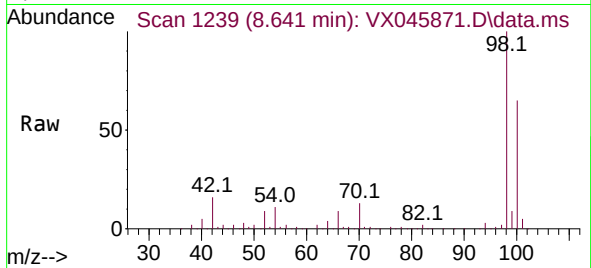




#51
4-Methyl-2-Pentanone
Concen: 0.682 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

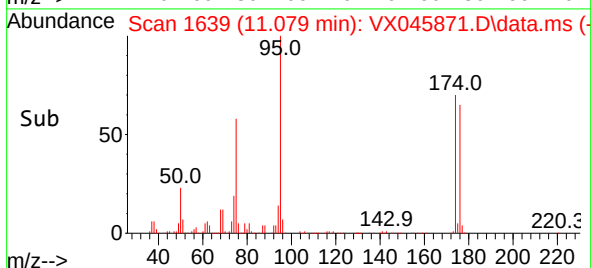
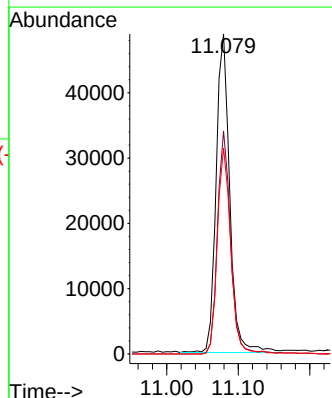
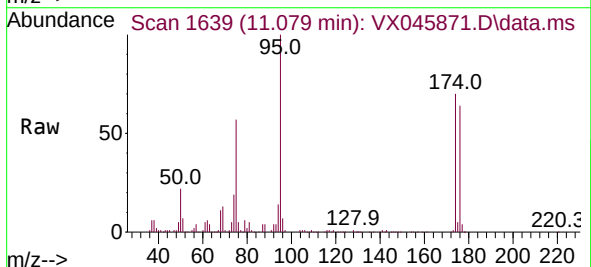
Instrument :
MSVOA_X
ClientSampleId :
IBLK

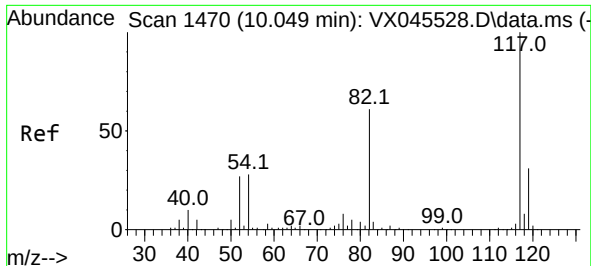
Tgt Ion: 43 Resp: 1071
Ion Ratio Lower Upper
43 100
58 143.4 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 55.049 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

Tgt Ion: 95 Resp: 64291
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 63.9 0.0 131.4

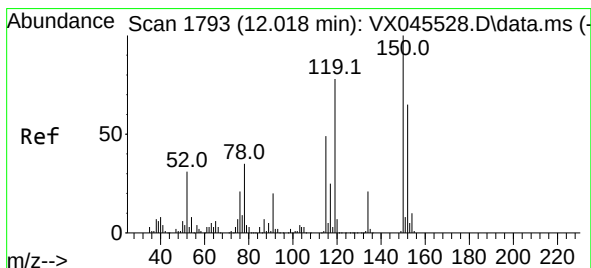
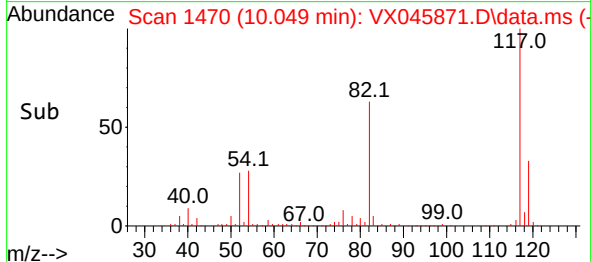
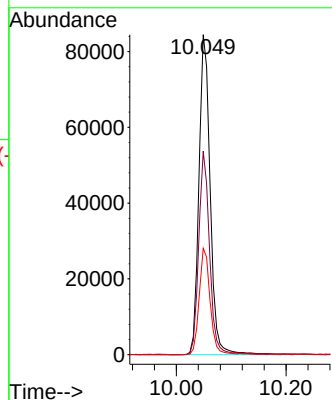
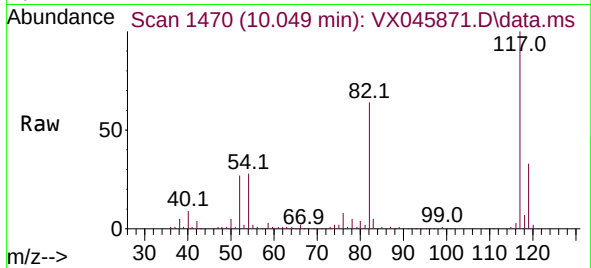




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

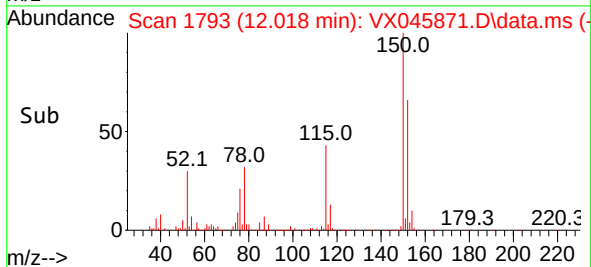
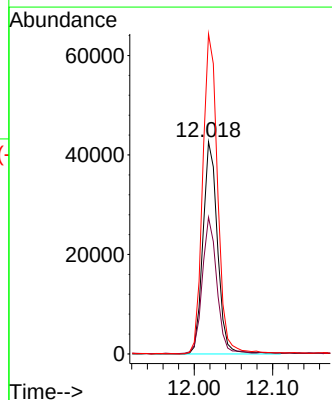
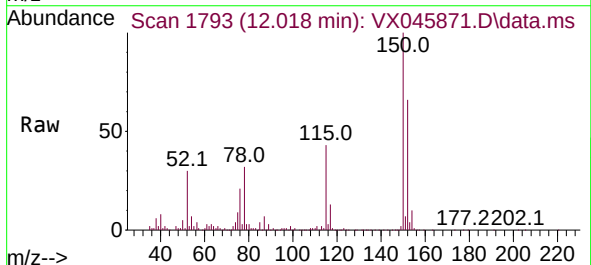
Instrument :
MSVOA_X
ClientSampleId :
IBLK

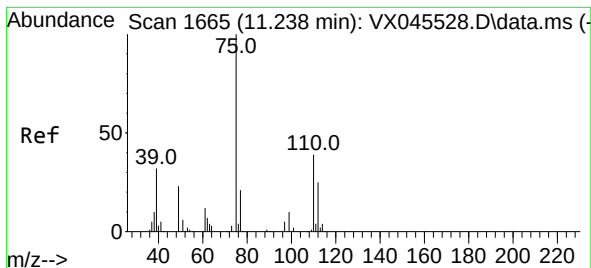
Tgt Ion:117 Resp: 120859
Ion Ratio Lower Upper
117 100
82 63.6 49.2 73.8
119 33.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

Tgt Ion:152 Resp: 55062
Ion Ratio Lower Upper
152 100
115 64.0 46.9 140.7
150 154.7 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 27.615 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX045871.D

Acq: 21 Apr 2025 11:31

Instrument :

MSVOA_X

ClientSampleId :

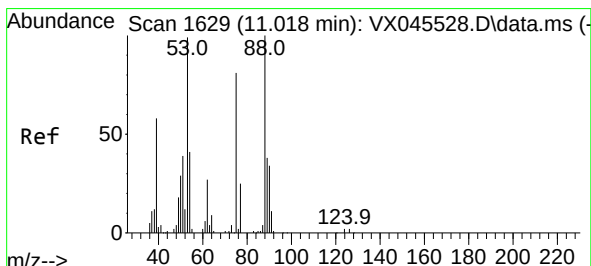
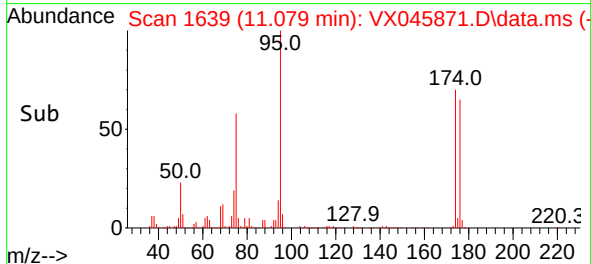
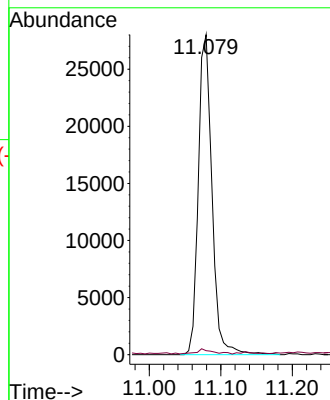
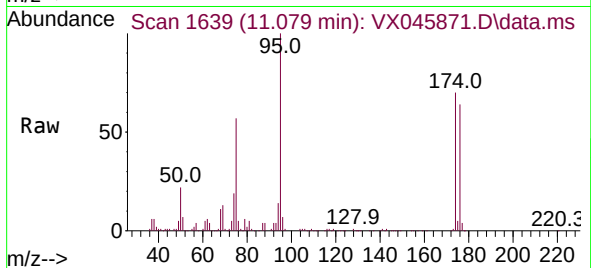
IBLK

Tgt Ion: 75 Resp: 37090

Ion Ratio Lower Upper

75 100

77 1.9 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 93.723 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045871.D

Acq: 21 Apr 2025 11:31

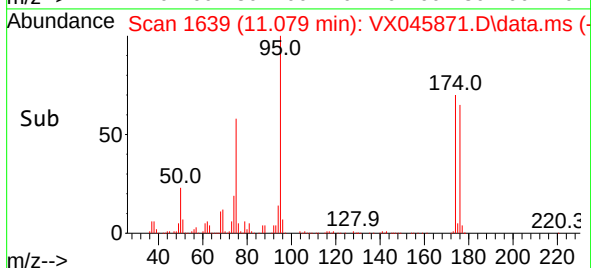
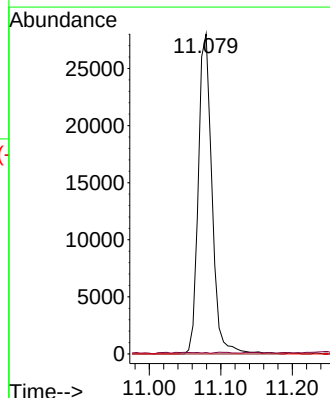
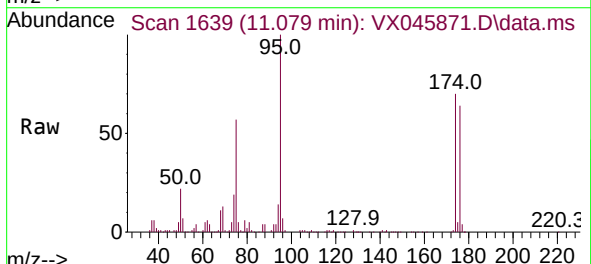
Tgt Ion: 75 Resp: 37090

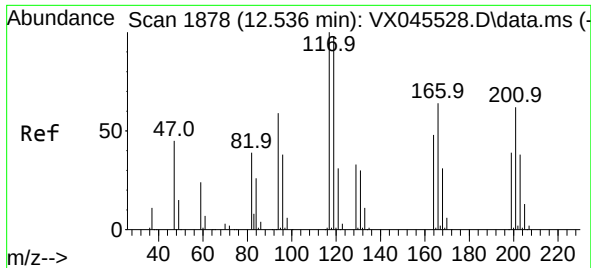
Ion Ratio Lower Upper

75 100

53 0.4 101.8 152.6#

89 0.0 37.2 55.8#





#90
 Hexachloroethane
 Concen: 0.376 ug/l
 RT: 12.494 min Scan# 11
 Delta R.T. -0.043 min
 Lab File: VX045871.D
 Acq: 21 Apr 2025 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion:117 Resp: 236
 Ion Ratio Lower Upper
 117 100
 201 34.3 31.2 93.6

