

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
 Data File : VX045981.D
 Acq On : 29 Apr 2025 14:45
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 30 01:39:53 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	72040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	140859	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53205	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71681	54.410	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.820%
35) Dibromofluoromethane	5.379	113	51004	51.035	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.060%
50) Toluene-d8	8.647	98	171337	49.118	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.240%
62) 4-Bromofluorobenzene	11.079	95	65432	51.497	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.000%

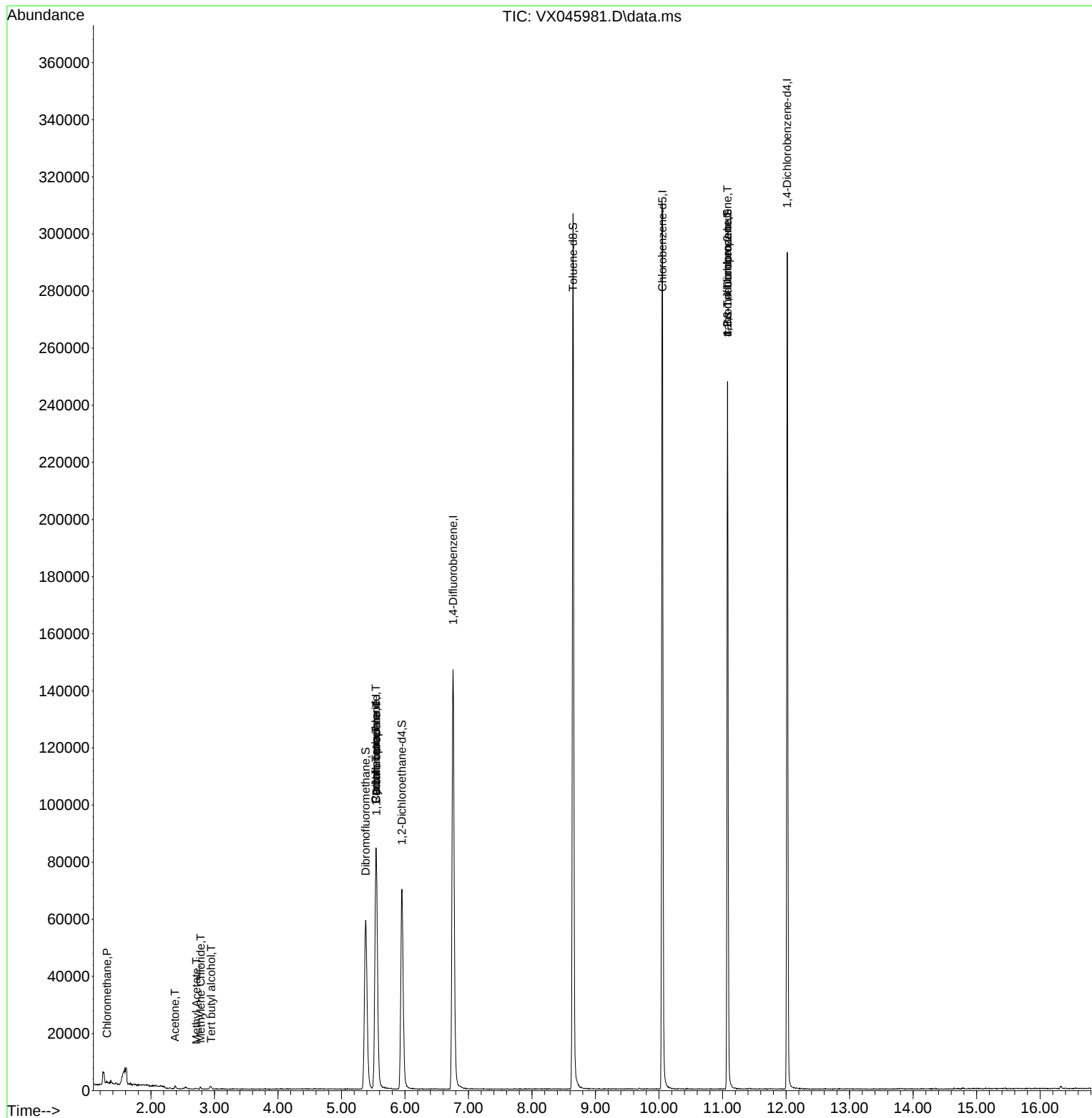
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.307	50	948	0.857	ug/l #	80
11) Tert butyl alcohol	2.947	59	427	2.412	ug/l #	72
16) Acetone	2.380	43	1090	2.015	ug/l	99
18) Methyl Acetate	2.715	43	357	0.287	ug/l #	54
20) Methylene Chloride	2.782	84	261	0.258	ug/l #	62
31) Cyclohexane	5.544	56	2297	1.421	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	7393	5.479	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8393	5.755	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	36956	28.476	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36956	96.644	ug/l #	1

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

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MSVOA_X
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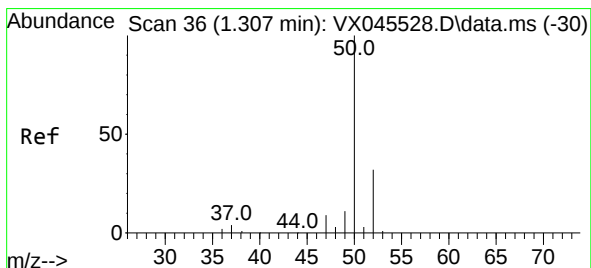
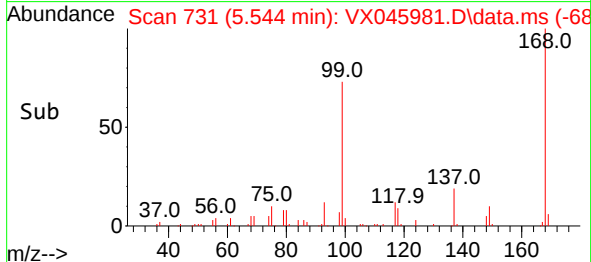
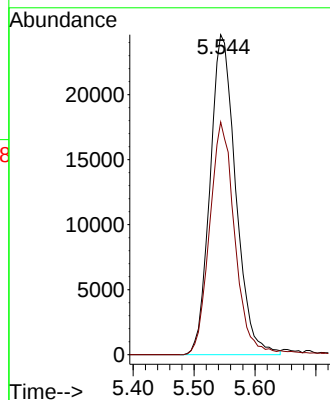
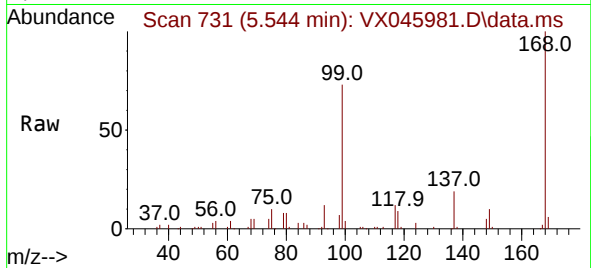




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045981.D
Acq: 29 Apr 2025 14:45

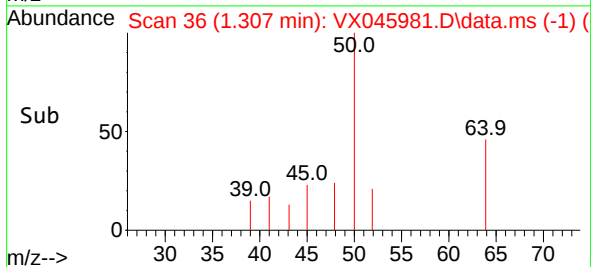
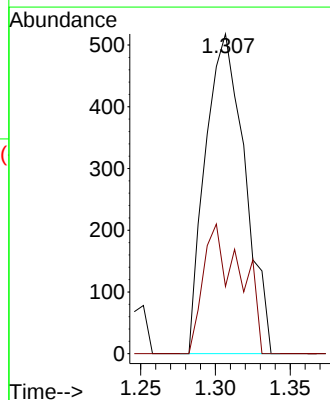
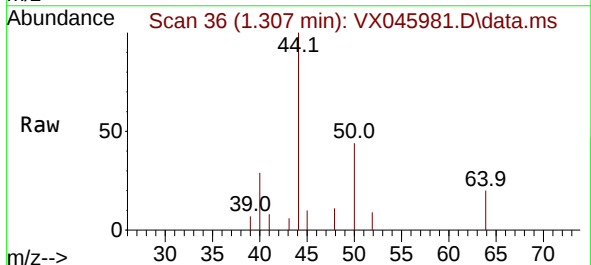
Instrument : MSVOA_X
ClientSampleId : IBLK

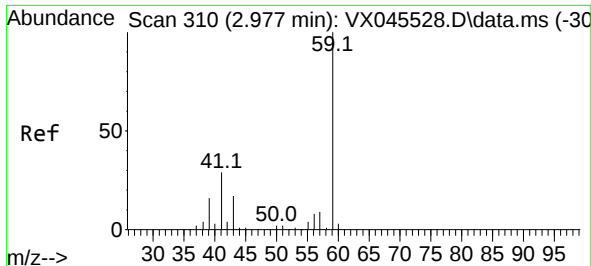
Tgt Ion:168 Resp: 72040
Ion Ratio Lower Upper
168 100
99 72.7 52.3 78.5



#3
Chloromethane
Concen: 0.857 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX045981.D
Acq: 29 Apr 2025 14:45

Tgt Ion: 50 Resp: 948
Ion Ratio Lower Upper
50 100
52 21.0 25.9 38.9#

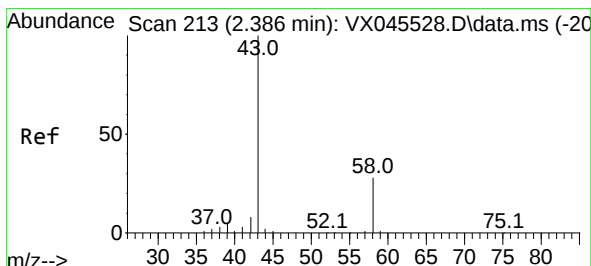
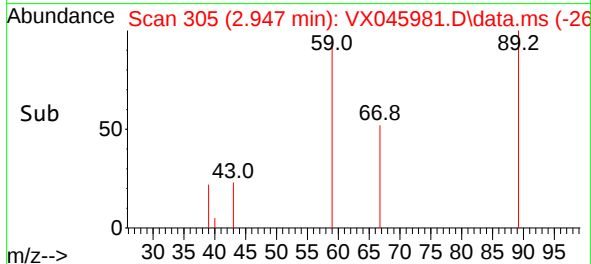
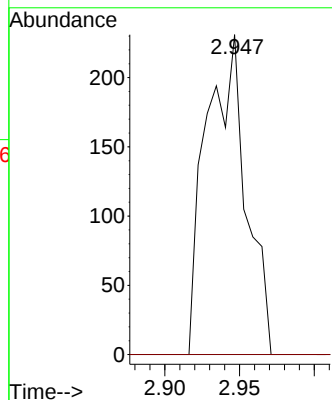
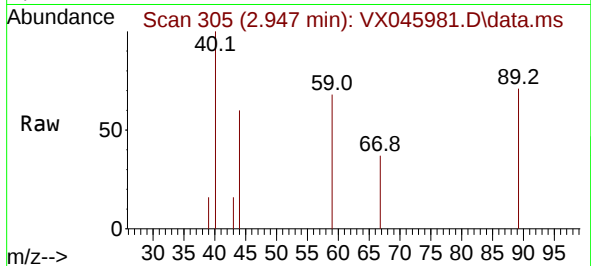




#11
Tert butyl alcohol
Concen: 2.412 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.030 min
Lab File: VX045981.D
Acq: 29 Apr 2025 14:45

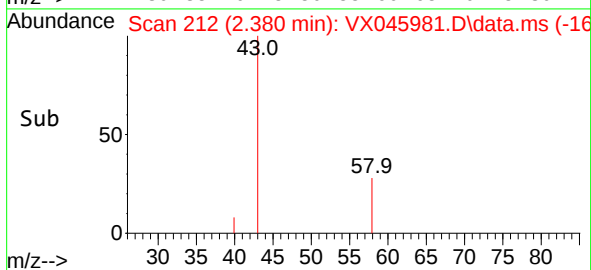
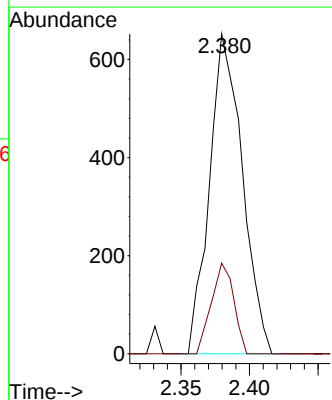
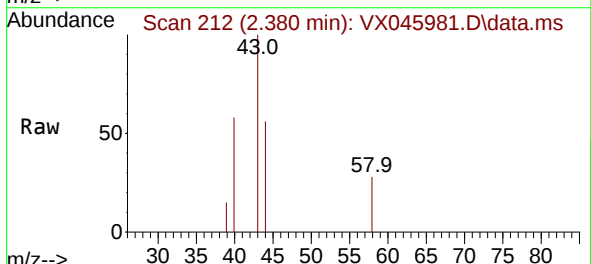
Instrument :
MSVOA_X
ClientSampleId :
IBLK

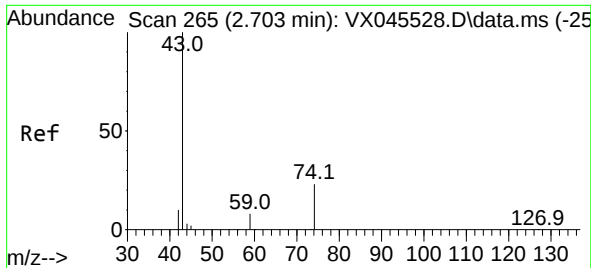
Tgt Ion: 59 Resp: 427
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 2.015 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045981.D
Acq: 29 Apr 2025 14:45

Tgt Ion: 43 Resp: 1090
Ion Ratio Lower Upper
43 100
58 28.4 22.3 33.5

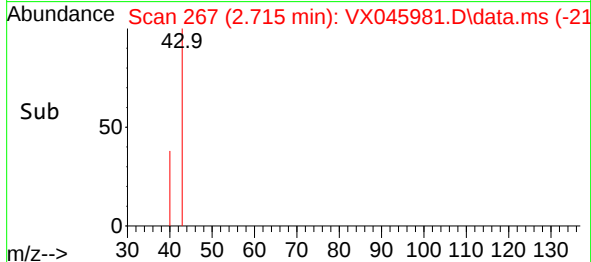
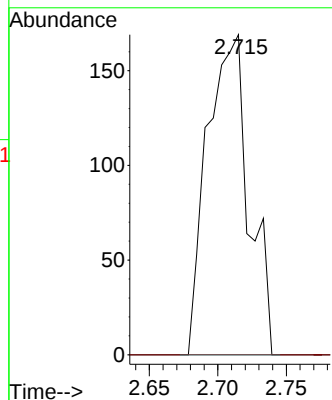
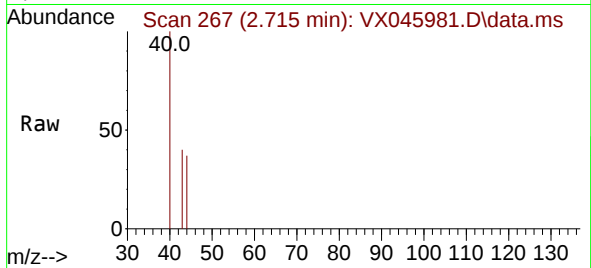




#18
Methyl Acetate
Concen: 0.287 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX045981.D
Acq: 29 Apr 2025 14:45

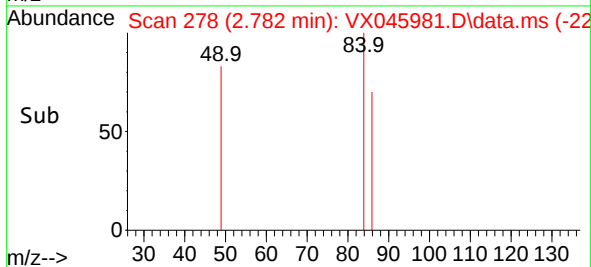
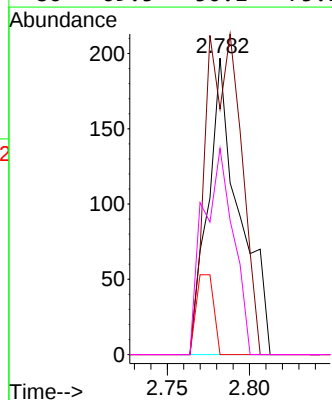
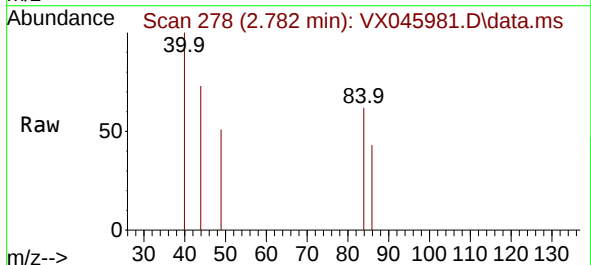
Instrument :
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ClientSampleId :
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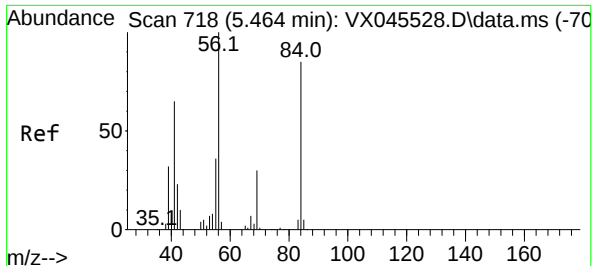
Tgt Ion: 43 Resp: 357
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 0.258 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045981.D
Acq: 29 Apr 2025 14:45

Tgt Ion: 84 Resp: 261
Ion Ratio Lower Upper
84 100
49 82.7 107.5 161.3#
51 0.0 33.0 49.6#
86 69.5 50.1 75.1

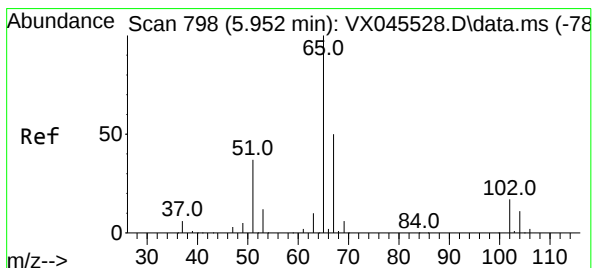
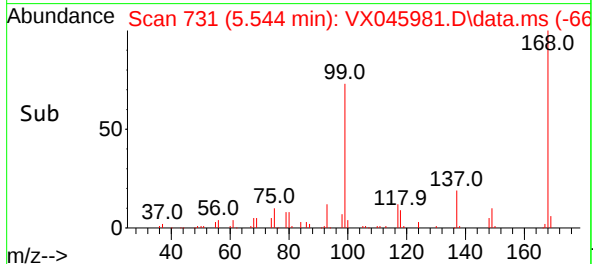
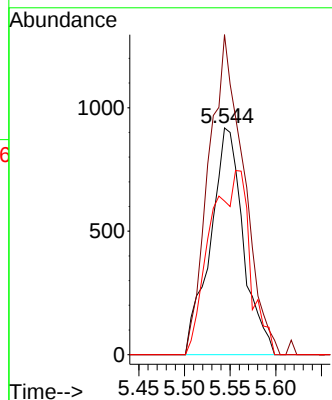
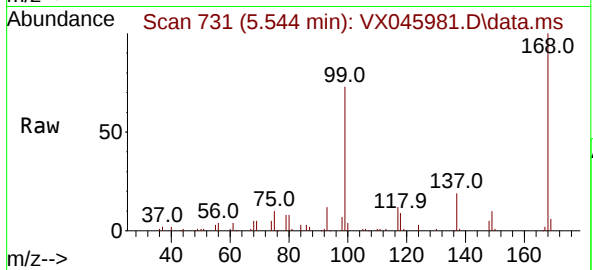




#31
Cyclohexane
Concen: 1.421 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045981.D
Acq: 29 Apr 2025 14:45

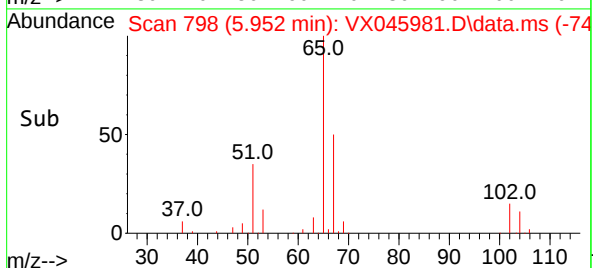
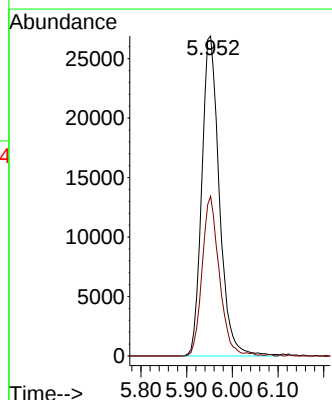
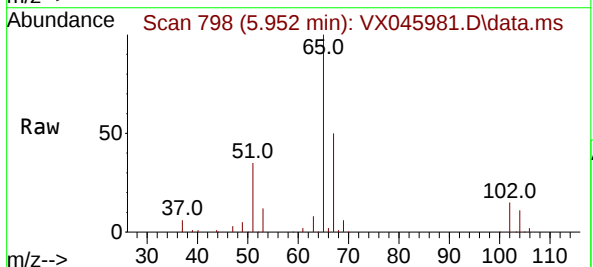
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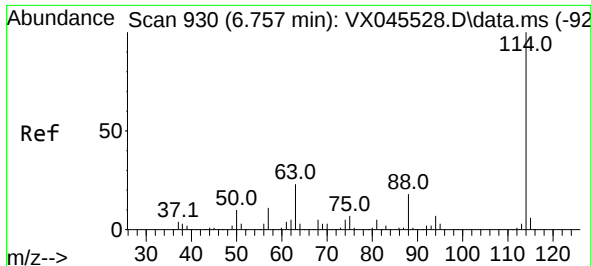
Tgt Ion: 56 Resp: 2297
Ion Ratio Lower Upper
56 100
69 141.2 23.6 35.4#
84 67.8 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 54.410 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045981.D
Acq: 29 Apr 2025 14:45

Tgt Ion: 65 Resp: 71681
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.0

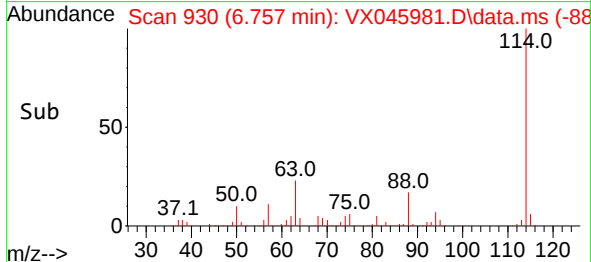
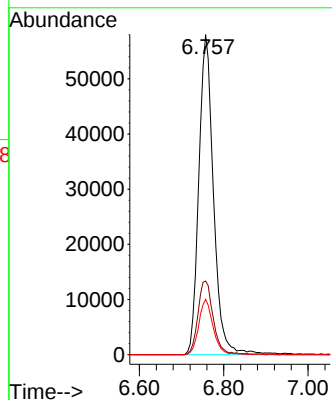
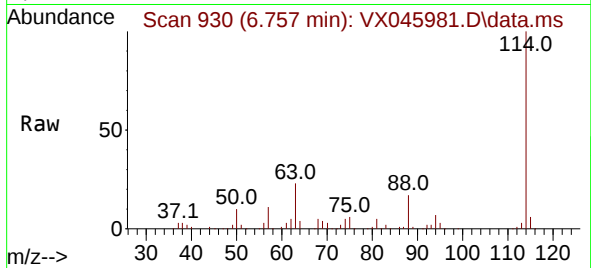




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045981.D
 Acq: 29 Apr 2025 14:45

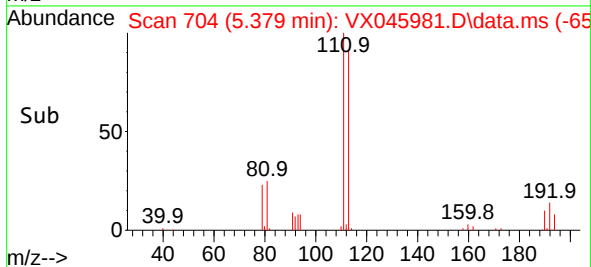
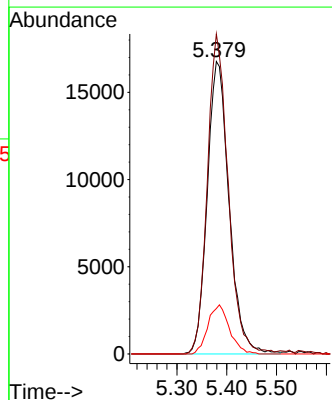
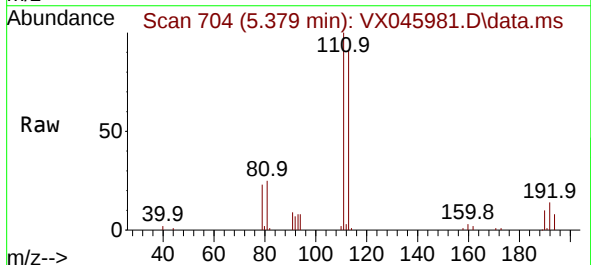
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

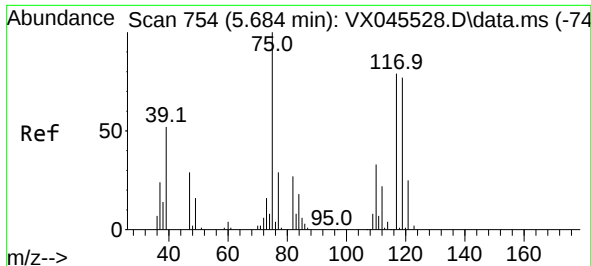
Tgt Ion:114 Resp: 140859
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.8
 88 17.3 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 51.035 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX045981.D
 Acq: 29 Apr 2025 14:45

Tgt Ion:113 Resp: 51004
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.8 122.6
 192 16.5 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.479 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX045981.D

Acq: 29 Apr 2025 14:45

Instrument :

MSVOA_X

ClientSampleId :

IBLK

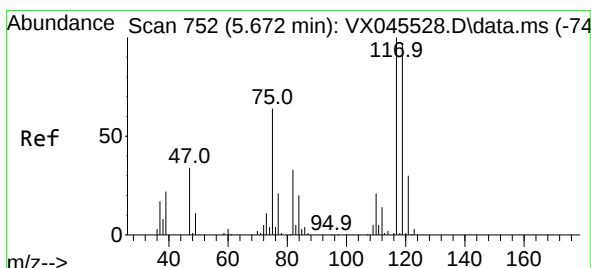
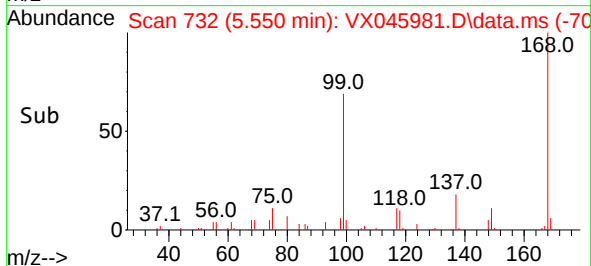
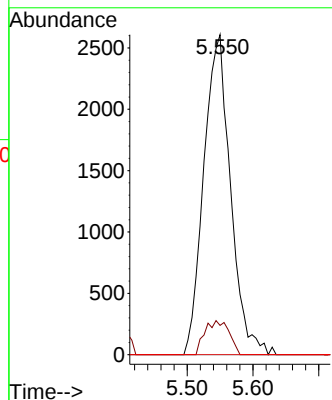
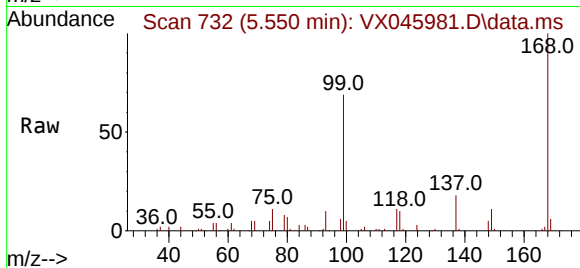
Tgt Ion: 75 Resp: 7393

Ion Ratio Lower Upper

75 100

110 9.6 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.755 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045981.D

Acq: 29 Apr 2025 14:45

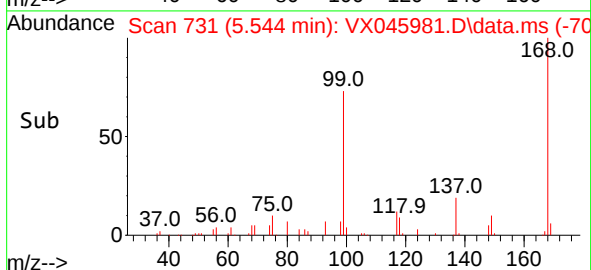
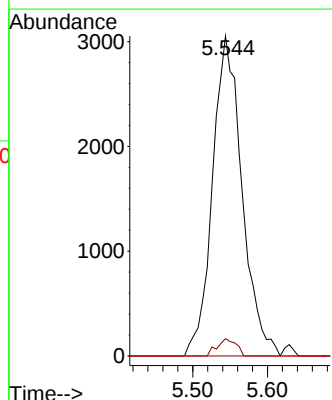
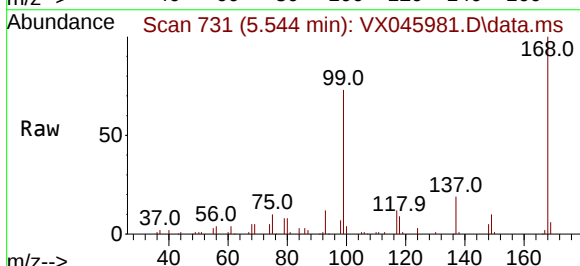
Tgt Ion: 117 Resp: 8393

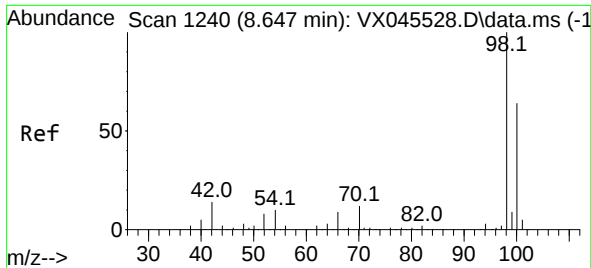
Ion Ratio Lower Upper

117 100

119 5.4 76.9 115.3#

121 0.0 24.2 36.2#

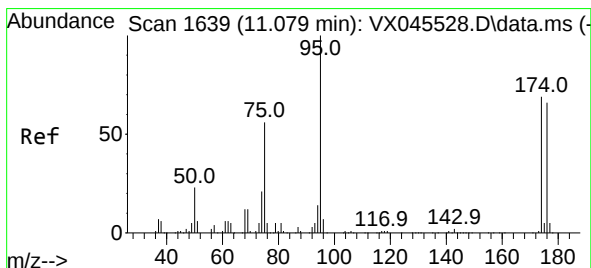
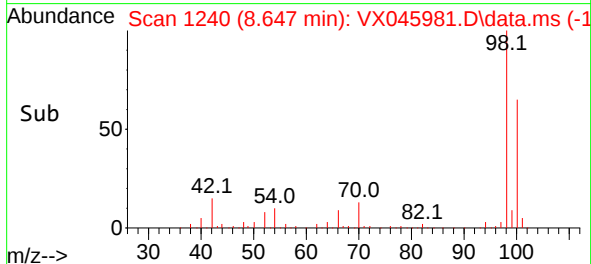
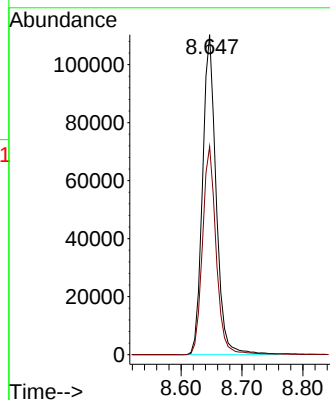
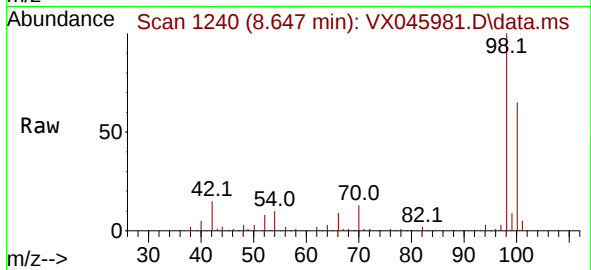




#50
Toluene-d8
Concen: 49.118 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045981.D
Acq: 29 Apr 2025 14:45

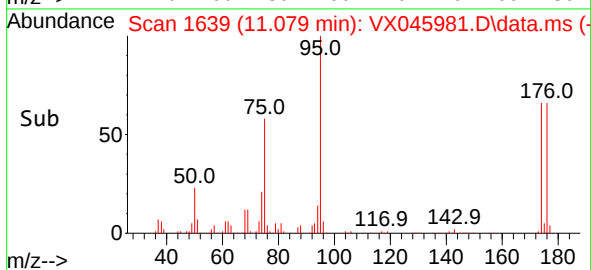
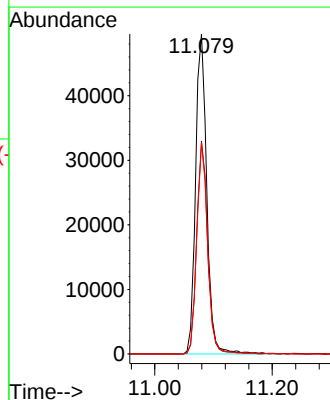
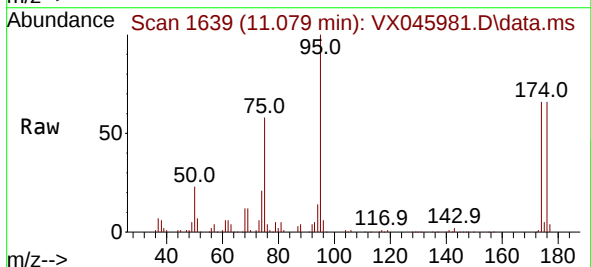
Instrument :
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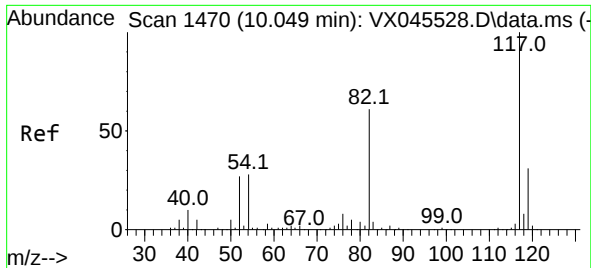
Tgt Ion: 98 Resp: 171337
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045981.D
Acq: 29 Apr 2025 14:45

Tgt Ion: 95 Resp: 65432
Ion Ratio Lower Upper
95 100
174 65.5 0.0 135.8
176 64.1 0.0 131.4

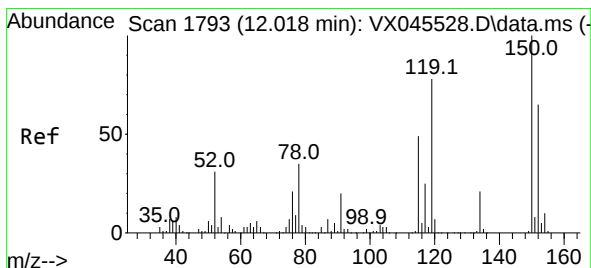
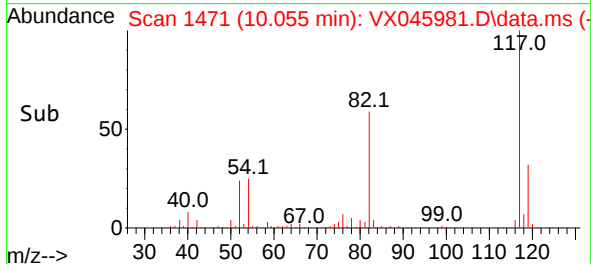
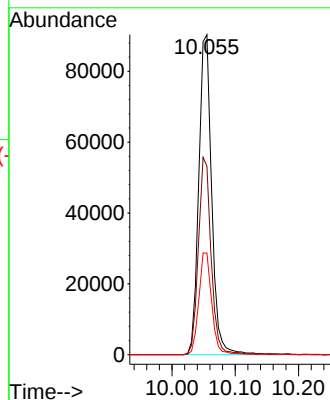
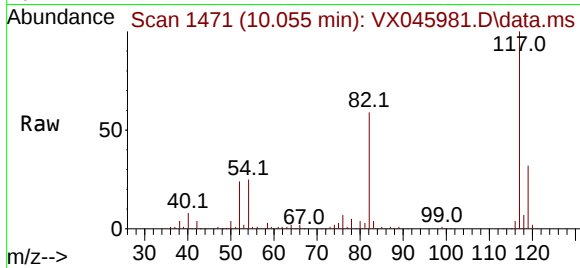




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045981.D
Acq: 29 Apr 2025 14:45

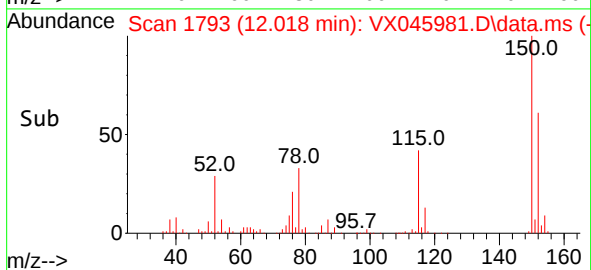
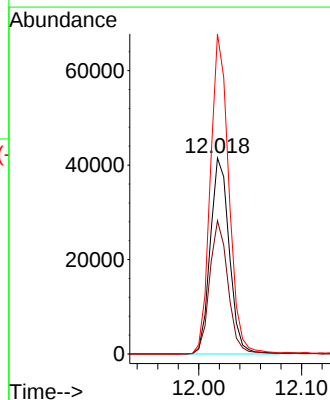
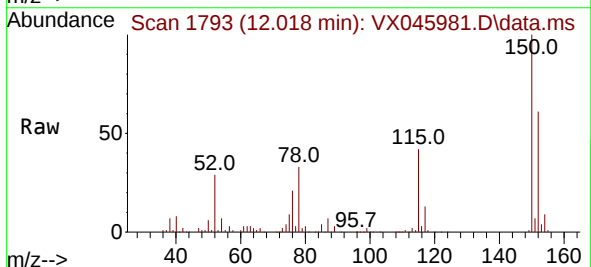
Instrument :
MSVOA_X
ClientSampleId :
IBLK

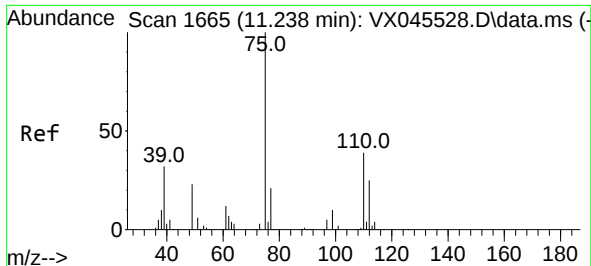
Tgt Ion:117 Resp: 128745
Ion Ratio Lower Upper
117 100
82 58.9 49.2 73.8
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045981.D
Acq: 29 Apr 2025 14:45

Tgt Ion:152 Resp: 53205
Ion Ratio Lower Upper
152 100
115 66.2 46.9 140.7
150 159.2 0.0 349.4

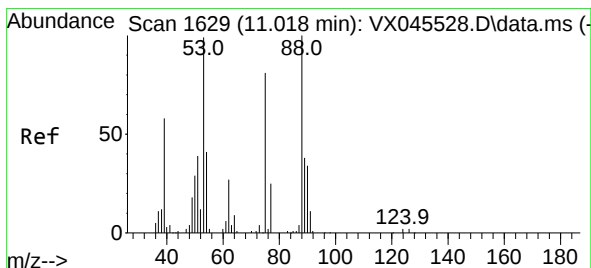
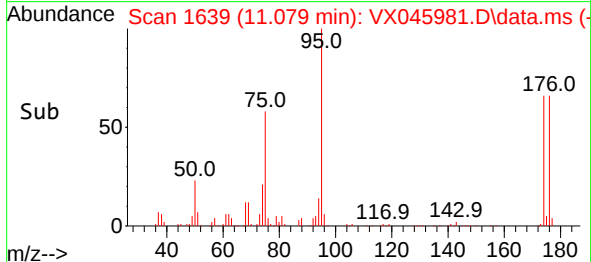
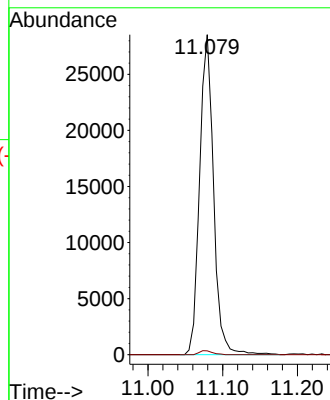
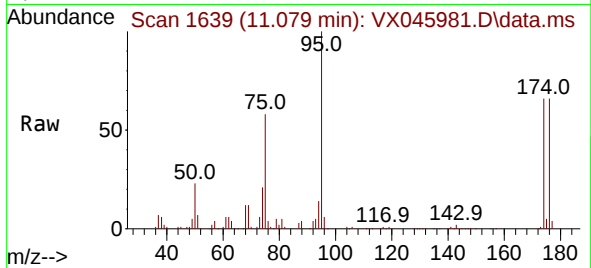




#76
1,2,3-Trichloropropane
Concen: 28.476 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045981.D
Acq: 29 Apr 2025 14:45

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 36956
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.644 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045981.D
Acq: 29 Apr 2025 14:45

Tgt Ion: 75 Resp: 36956
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

