

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082025\
 Data File : VX047440.D
 Acq On : 20 Aug 2025 14:20
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 21 01:31:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	295829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	604962	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	597909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	298924	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	242154	58.488	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	116.980%
35) Dibromofluoromethane	5.404	113	203918	51.937	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.880%
50) Toluene-d8	8.653	98	722220	51.464	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.920%
62) 4-Bromofluorobenzene	11.079	95	291944	56.375	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.740%

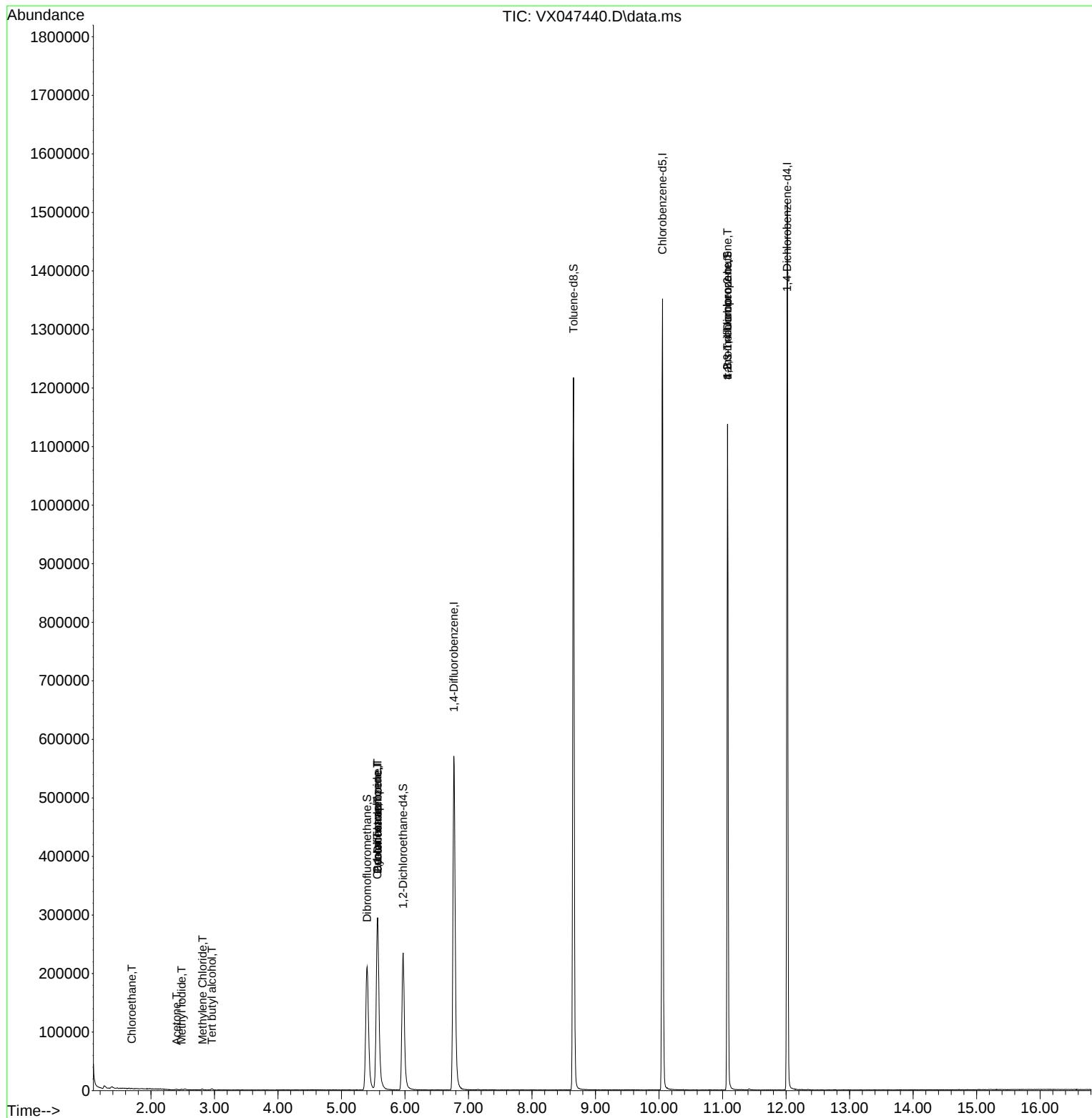
Target Compounds					Qvalue	
6) Chloroethane	1.697	64	1234	0.474	ug/l #	56
10) Methyl Iodide	2.483	142	1281	0.205	ug/l #	43
11) Tert butyl alcohol	2.959	59	227	0.630	ug/l #	72
16) Acetone	2.404	43	1777	1.142	ug/l #	88
20) Methylene Chloride	2.813	84	883	0.214	ug/l	85
31) Cyclohexane	5.568	56	6342	0.952	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	25387	4.096	ug/l #	49
38) Carbon Tetrachloride	5.562	117	30813	4.549	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	150932	27.529	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	150932	108.707	ug/l #	7

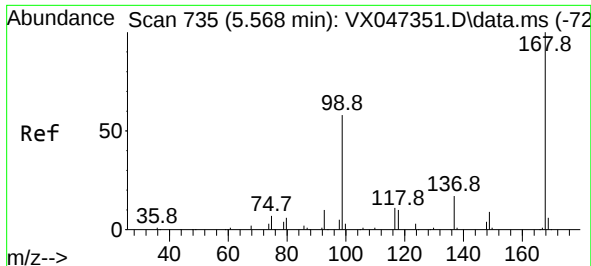
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082025\
Data File : VX047440.D
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Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

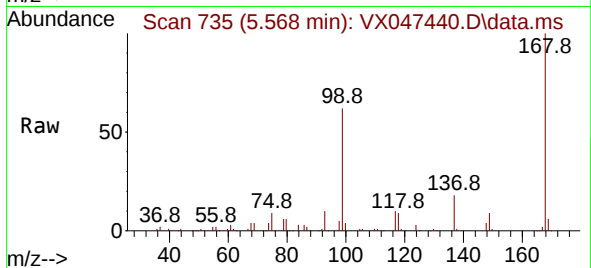
Quant Time: Aug 21 01:31:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration



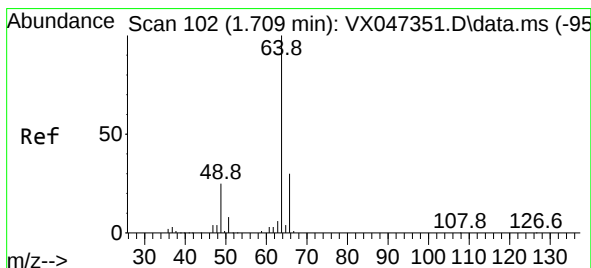
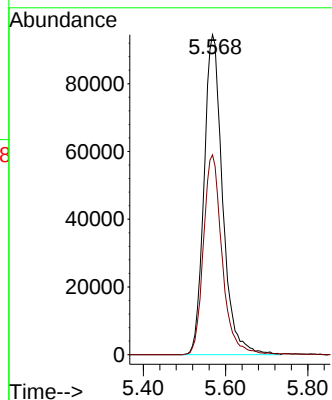
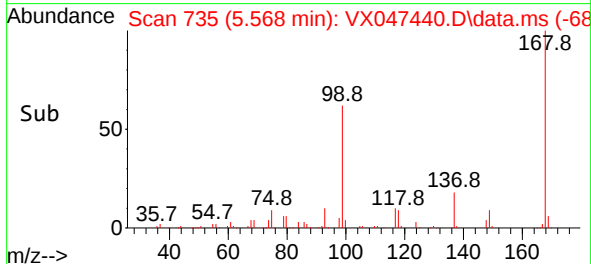


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
IBLK

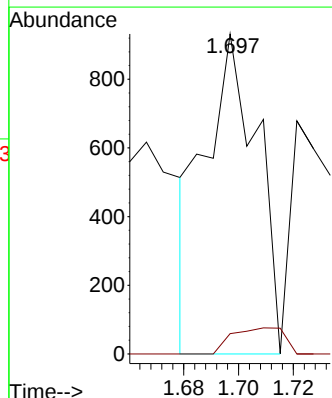
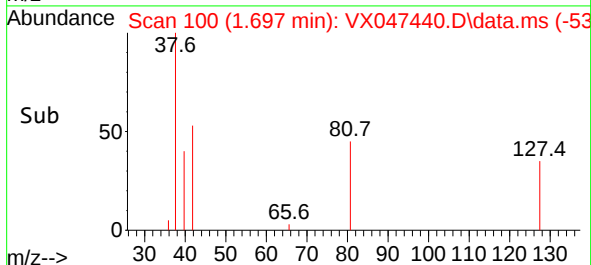
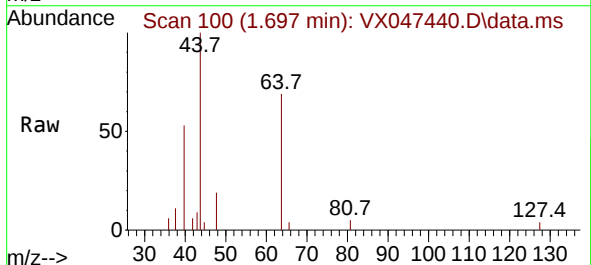


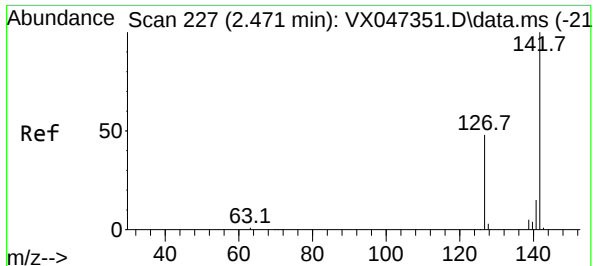
Tgt Ion:168 Resp: 295829
Ion Ratio Lower Upper
168 100
99 62.4 47.9 71.9



#6
Chloroethane
Concen: 0.474 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.012 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

Tgt Ion: 64 Resp: 1234
Ion Ratio Lower Upper
64 100
66 6.3 24.4 36.6#

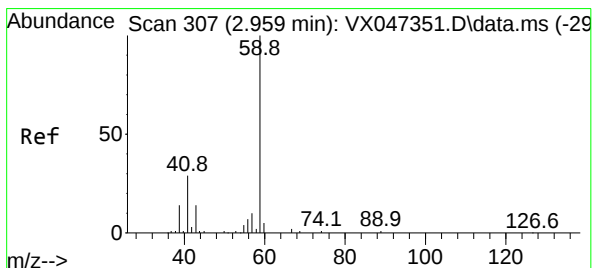
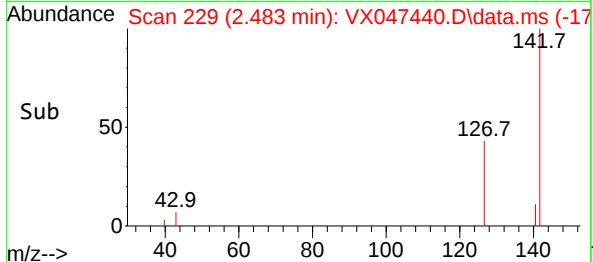
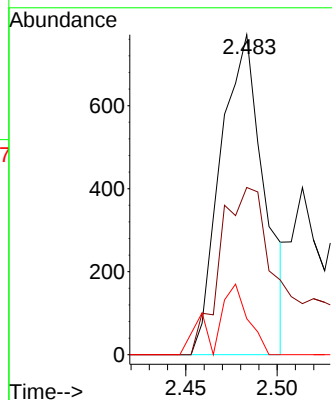
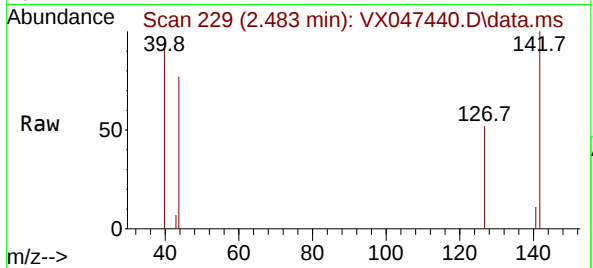




#10
Methyl Iodide
Concen: 0.205 ug/l
RT: 2.483 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

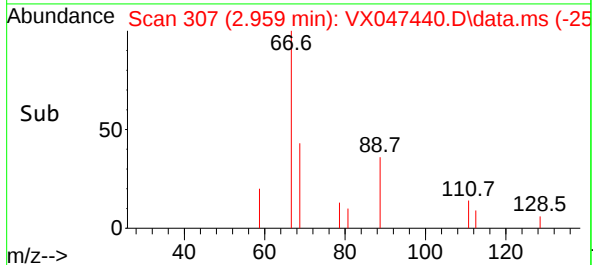
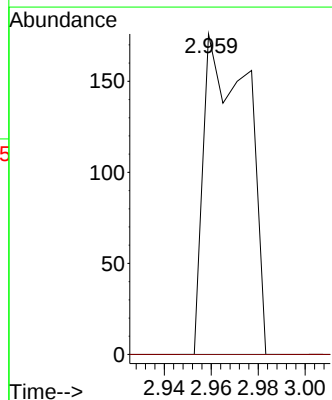
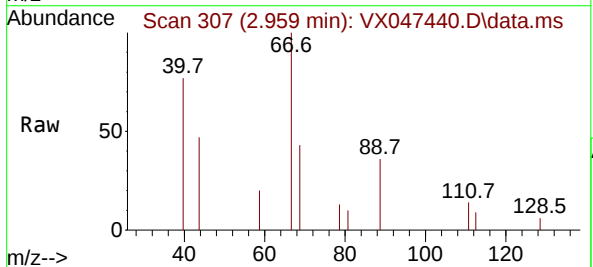
Instrument :
MSVOA_X
ClientSampleId :
IBLK

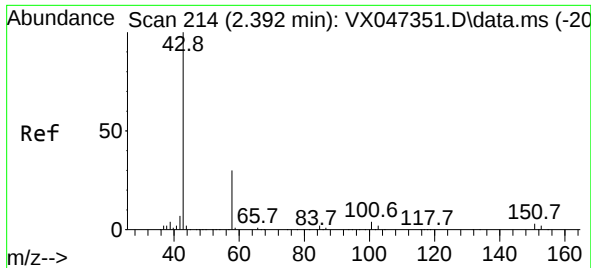
Tgt Ion:142 Resp: 1281
Ion Ratio Lower Upper
142 100
127 92.0 36.1 54.1#
141 17.0 11.1 16.7#



#11
Tert butyl alcohol
Concen: 0.630 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

Tgt Ion: 59 Resp: 227
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

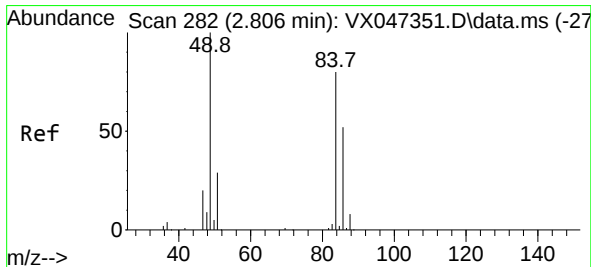
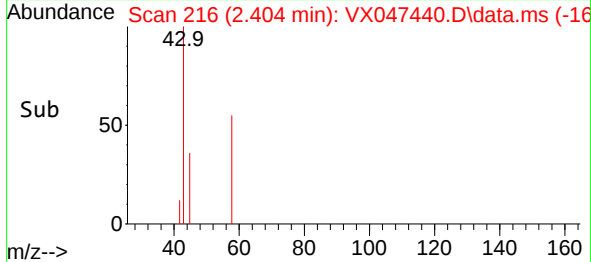
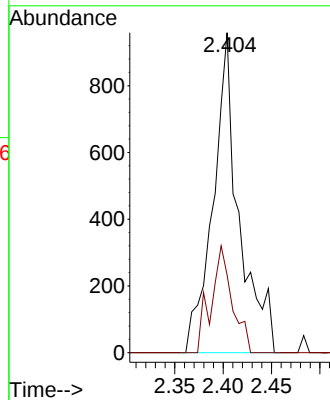
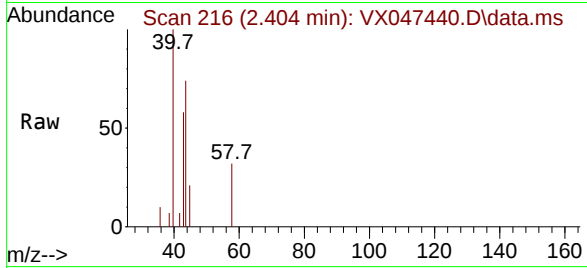




#16
Acetone
Concen: 1.142 ug/l
RT: 2.404 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

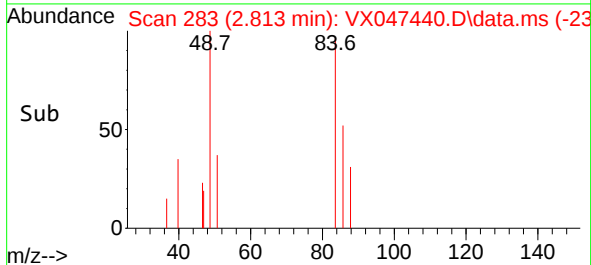
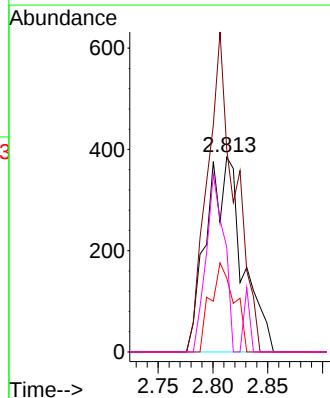
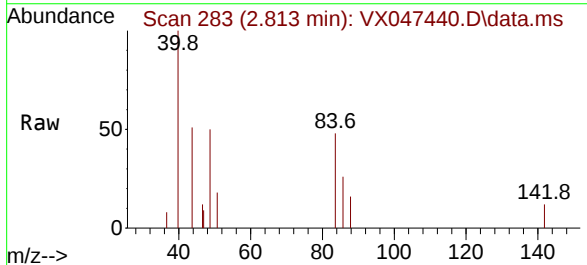
Instrument :
MSVOA_X
ClientSampleId :
IBLK

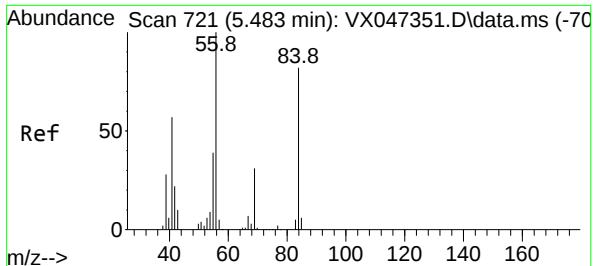
Tgt Ion: 43 Resp: 1777
Ion Ratio Lower Upper
43 100
58 24.3 24.8 37.2#



#20
Methylene Chloride
Concen: 0.214 ug/l
RT: 2.813 min Scan# 283
Delta R.T. 0.006 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

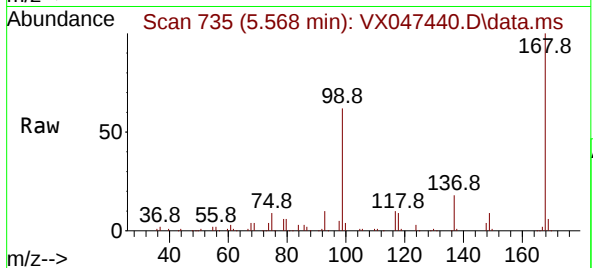
Tgt Ion: 84 Resp: 883
Ion Ratio Lower Upper
84 100
49 103.9 100.1 150.1
51 37.9 29.5 44.3
86 53.8 51.8 77.8



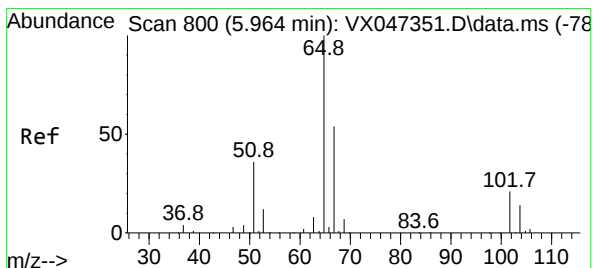
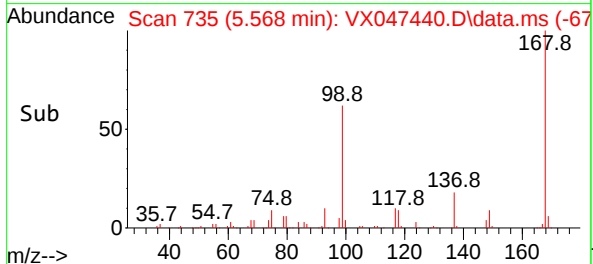
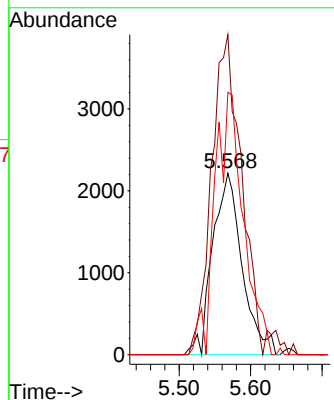


#31
Cyclohexane
Concen: 0.952 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.086 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
IBLK

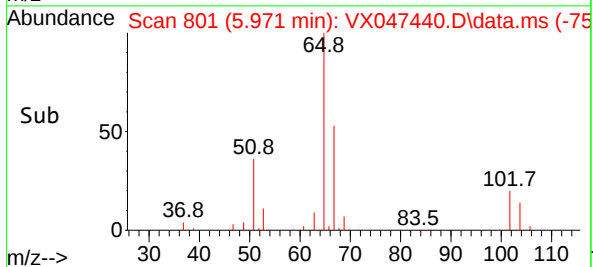
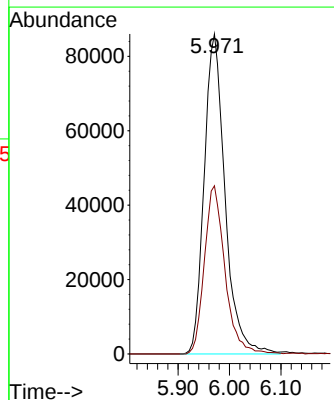
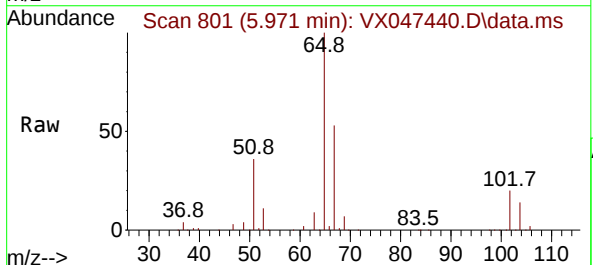


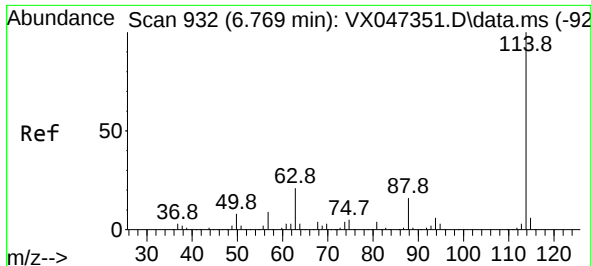
Tgt Ion: 56 Resp: 6342
Ion Ratio Lower Upper
56 100
69 176.4 24.3 36.5#
84 144.5 65.3 97.9#



#33
1,2-Dichloroethane-d4
Concen: 58.488 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

Tgt Ion: 65 Resp: 242154
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.0

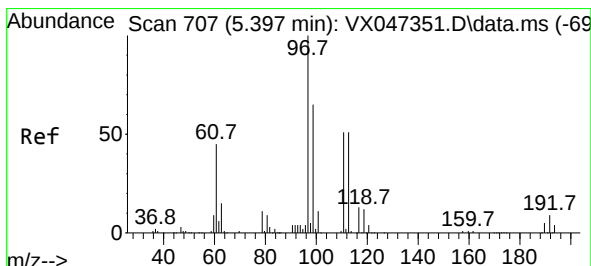
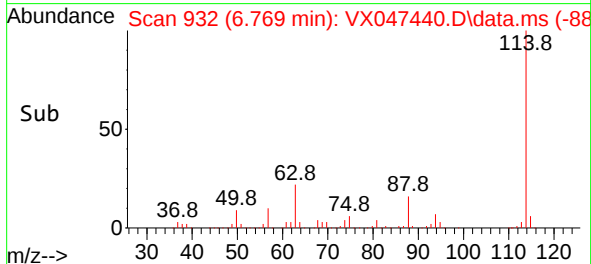
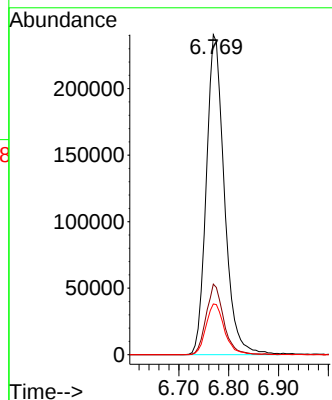
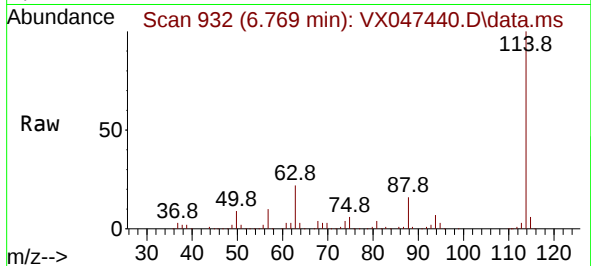




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

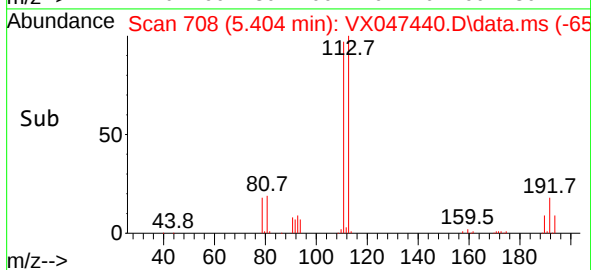
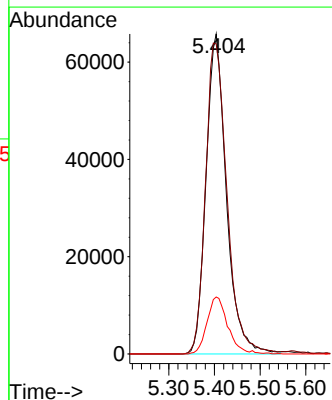
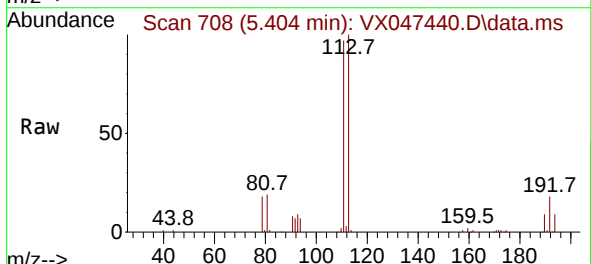
Instrument :
MSVOA_X
ClientSampleId :
IBLK

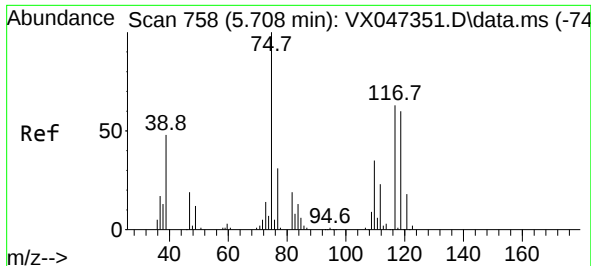
Tgt Ion:114 Resp: 604962
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.4
88 15.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.937 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

Tgt Ion:113 Resp: 203918
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.2
192 18.2 14.1 21.1

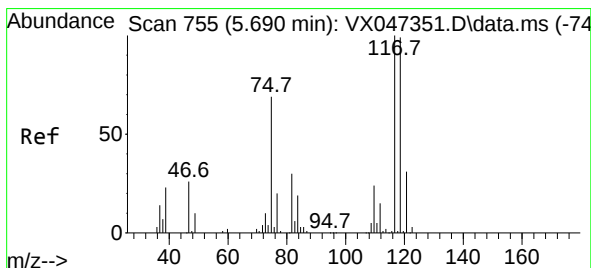
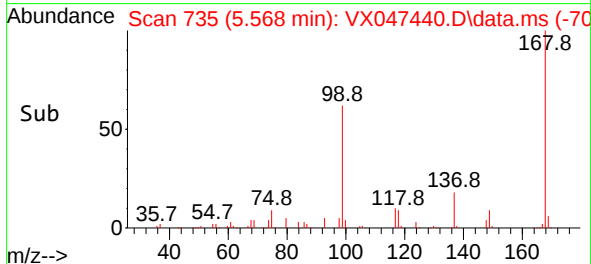
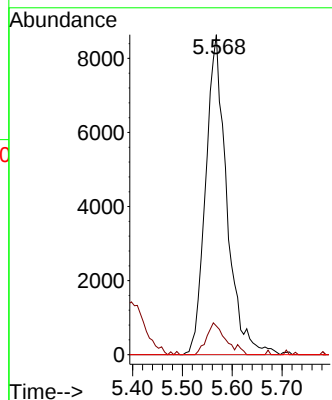
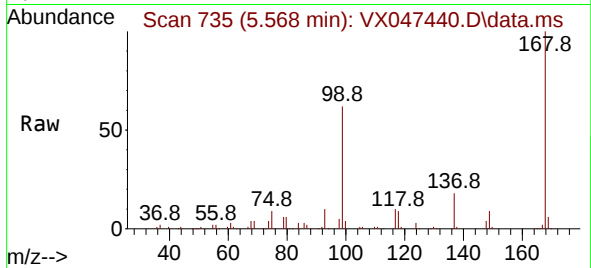




#36
1,1-Dichloropropene
Concen: 4.096 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

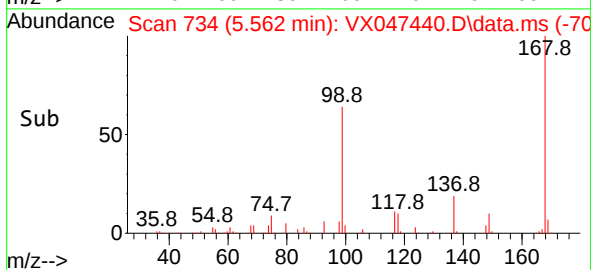
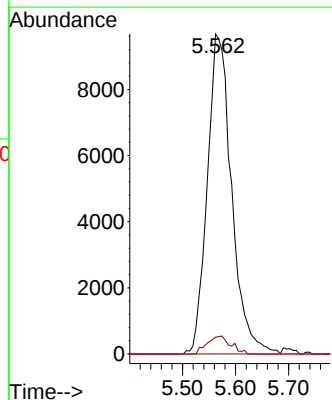
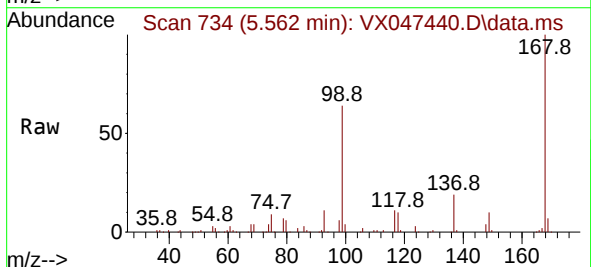
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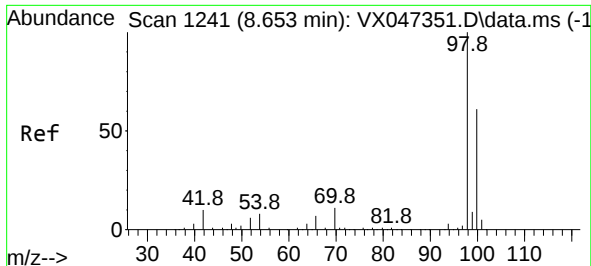
Tgt Ion: 75 Resp: 25387
Ion Ratio Lower Upper
75 100
110 8.3 17.4 52.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.549 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

Tgt Ion: 117 Resp: 30813
Ion Ratio Lower Upper
117 100
119 5.3 78.5 117.7#
121 0.0 24.7 37.1#

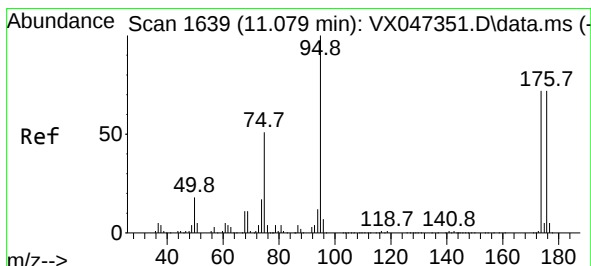
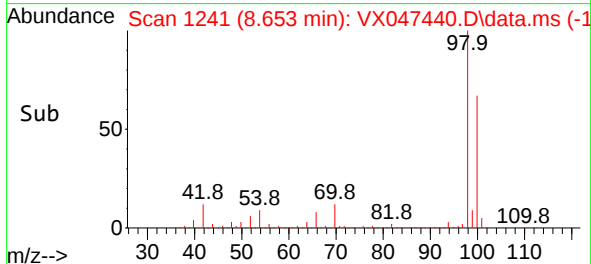
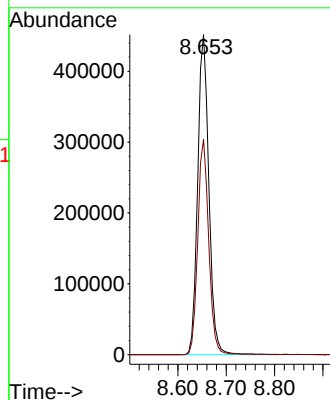
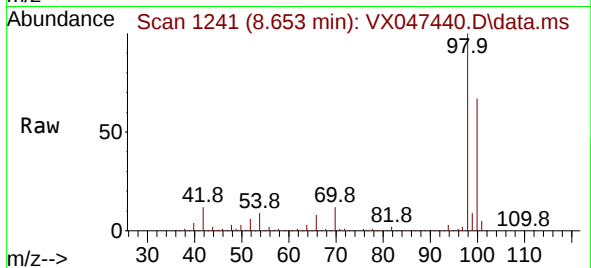




#50
Toluene-d8
Concen: 51.464 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

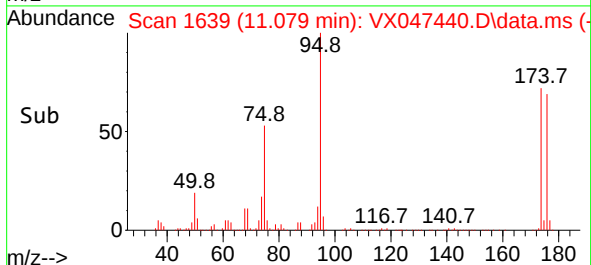
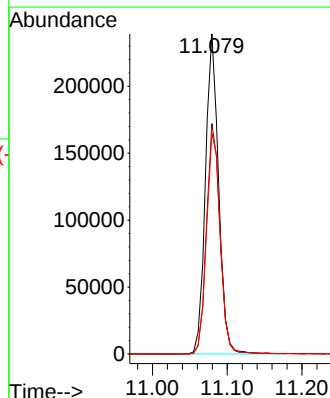
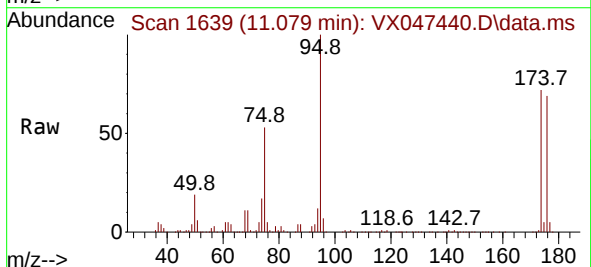
Instrument :
MSVOA_X
ClientSampleId :
IBLK

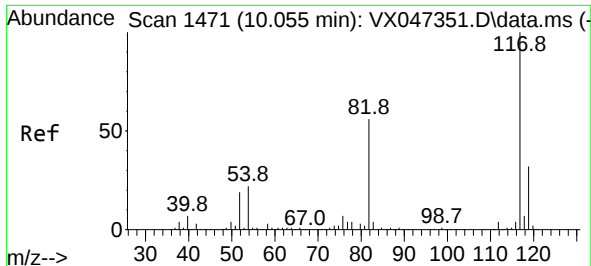
Tgt Ion: 98 Resp: 722220
Ion Ratio Lower Upper
98 100
100 66.0 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 56.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

Tgt Ion: 95 Resp: 291944
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.0
176 72.2 0.0 145.4

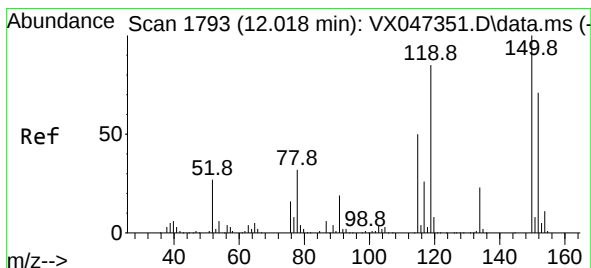
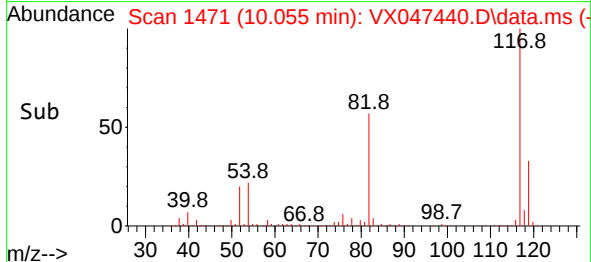
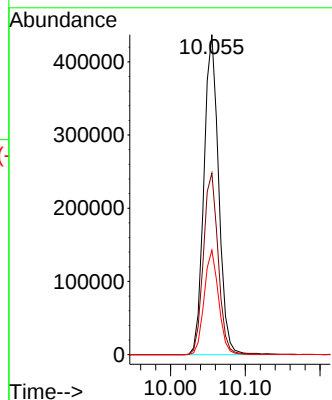
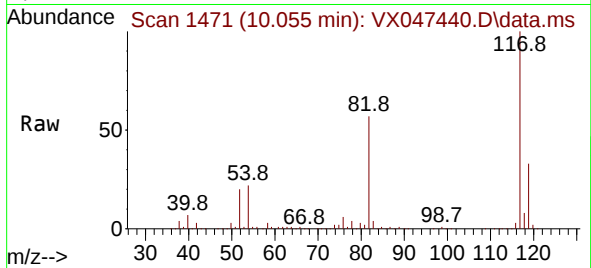




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

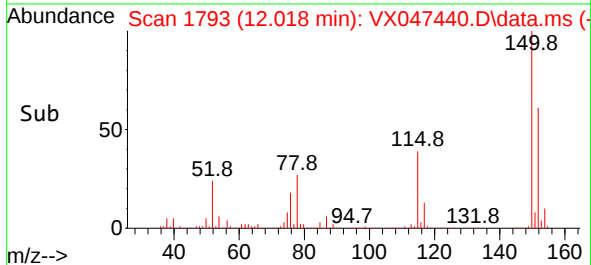
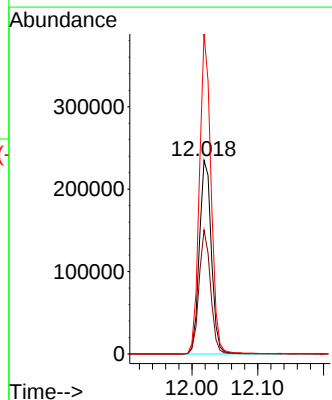
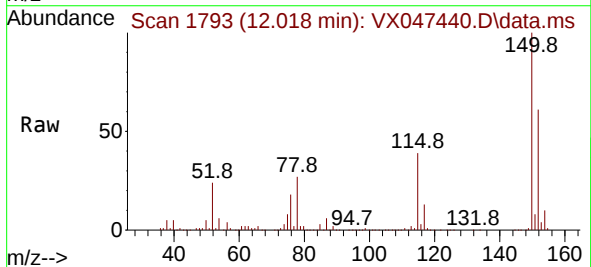
Instrument :
MSVOA_X
ClientSampleId :
IBLK

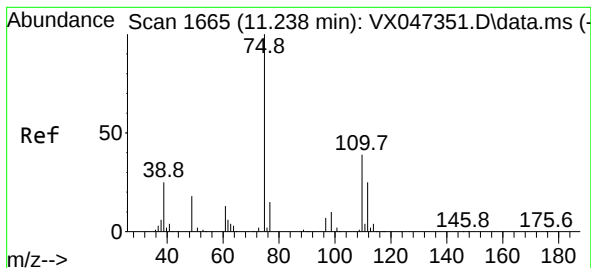
Tgt Ion:117 Resp: 597909
Ion Ratio Lower Upper
117 100
82 56.7 45.0 67.4
119 32.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

Tgt Ion:152 Resp: 298924
Ion Ratio Lower Upper
152 100
115 61.6 44.6 133.8
150 158.8 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 27.529 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX047440.D

Acq: 20 Aug 2025 14:20

Instrument :

MSVOA_X

ClientSampleId :

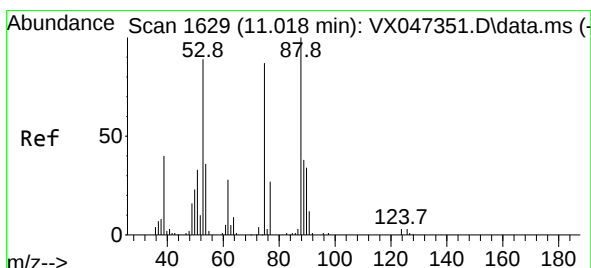
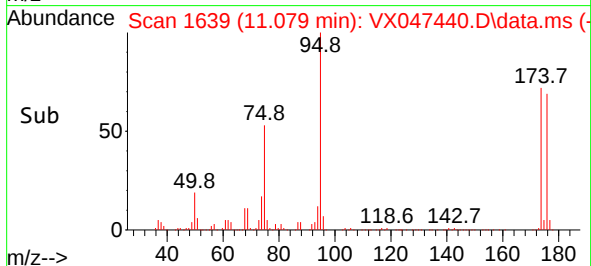
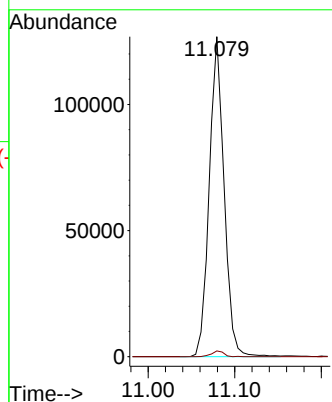
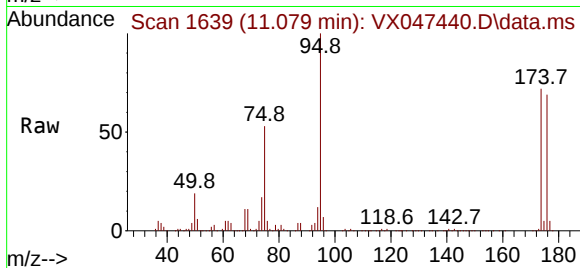
IBLK

Tgt Ion: 75 Resp: 150932

Ion Ratio Lower Upper

75 100

77 1.5 19.4 58.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.707 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX047440.D

Acq: 20 Aug 2025 14:20

Tgt Ion: 75 Resp: 150932

Ion Ratio Lower Upper

75 100

53 0.0 85.2 127.8#

89 0.0 36.7 55.1#

