

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047139.D
 Acq On : 25 Jul 2025 13:47
 Operator : JC/MD
 Sample : Q2693-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Jul 26 00:30:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	397105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	725707	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	694329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	360128	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	267468	54.070	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.140%
35) Dibromofluoromethane	5.397	113	218775	48.826	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.660%
50) Toluene-d8	8.653	98	797060	54.929	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	109.860%
62) 4-Bromofluorobenzene	11.079	95	340447	54.442	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.880%

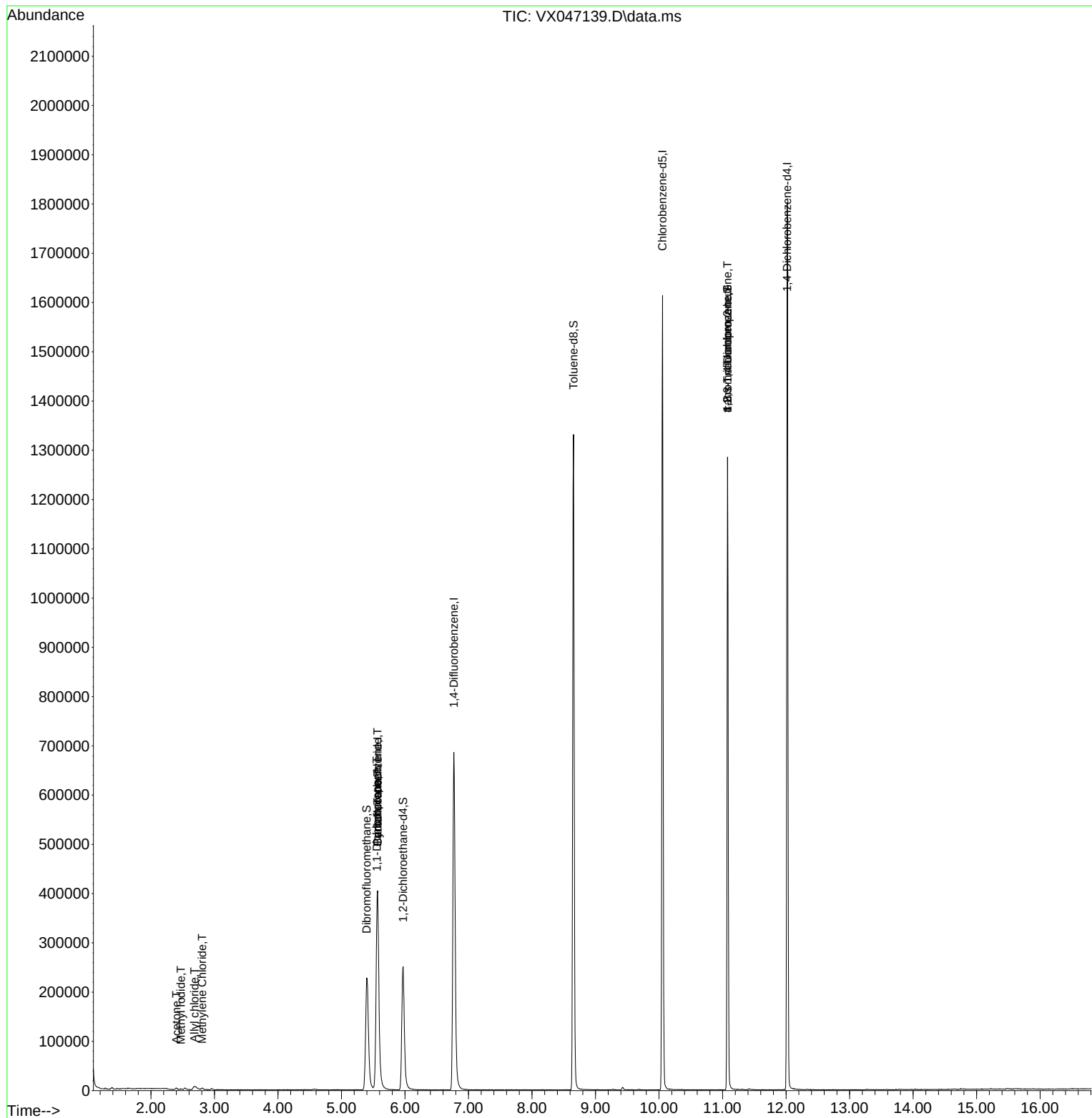
Target Compounds					Qvalue	
10) Methyl Iodide	2.471	142	1531	0.298	ug/l #	53
11) Tert butyl alcohol	2.965	59	225	Below Cal	#	72
14) Allyl chloride	2.684	41	15718	1.742	ug/l #	39
16) Acetone	2.398	43	3616	1.825	ug/l #	85
20) Methylene Chloride	2.806	84	1535	0.282	ug/l #	81
31) Cyclohexane	5.568	56	9238	0.999	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	33402	4.373	ug/l #	42
38) Carbon Tetrachloride	5.568	117	42767	5.246	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	174565	26.188	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	174565	67.471	ug/l #	8

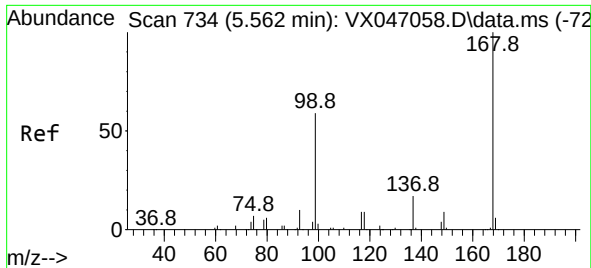
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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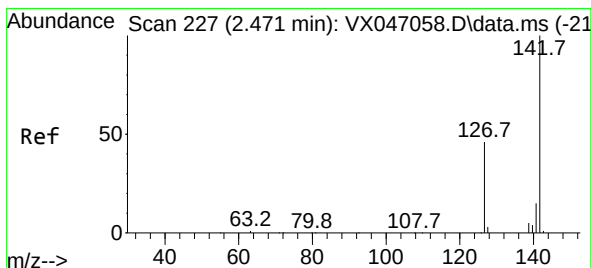
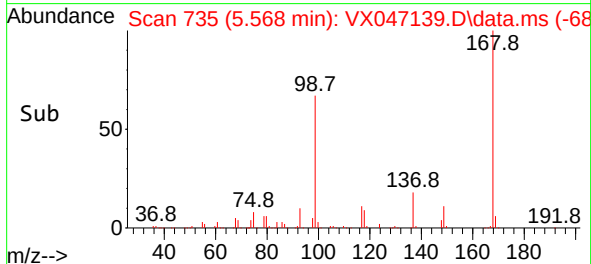
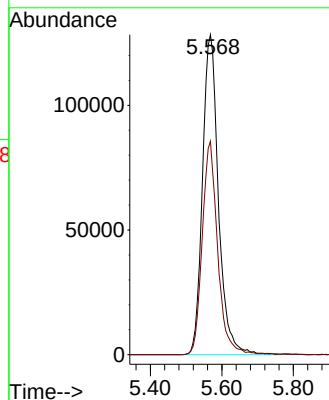
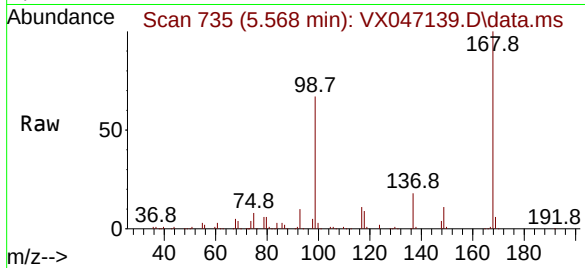




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

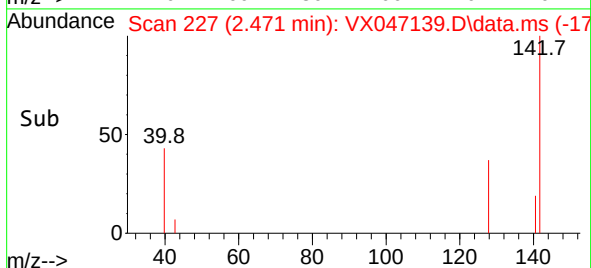
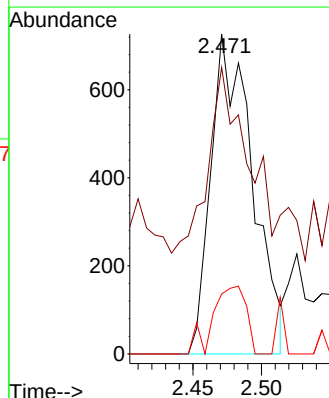
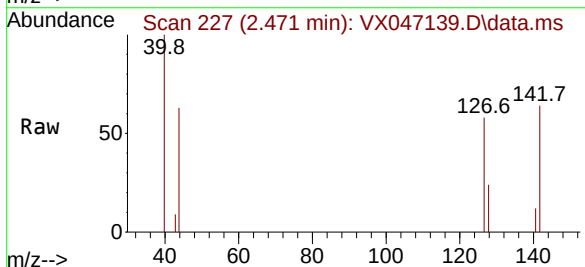
Instrument :
MSVOA_X
ClientSampleId :
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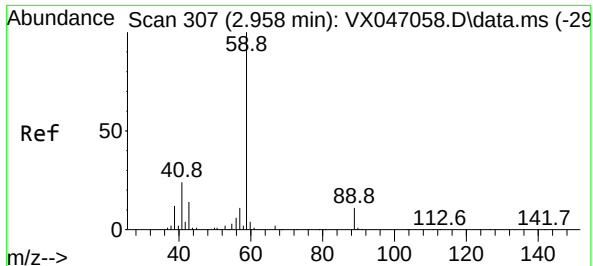
Tgt Ion:168 Resp: 397105
Ion Ratio Lower Upper
168 100
99 66.7 48.0 72.0



#10
Methyl Iodide
Concen: 0.298 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

Tgt Ion:142 Resp: 1531
Ion Ratio Lower Upper
142 100
127 84.2 36.6 54.8#
141 17.0 10.9 16.3#

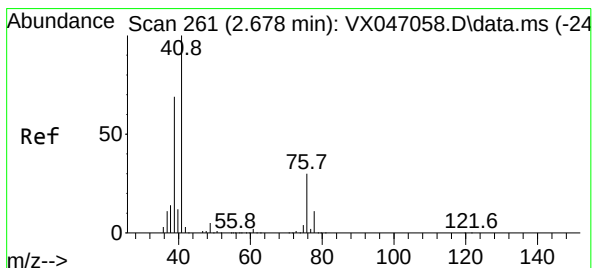
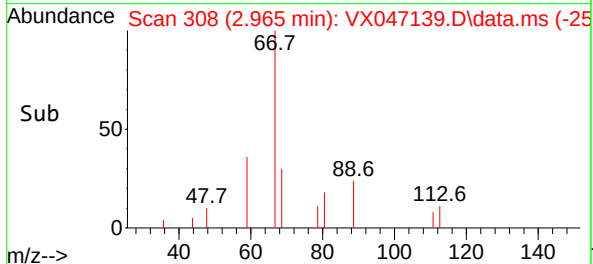
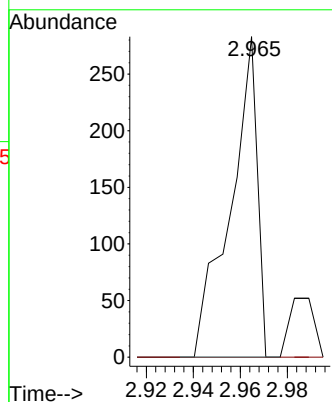
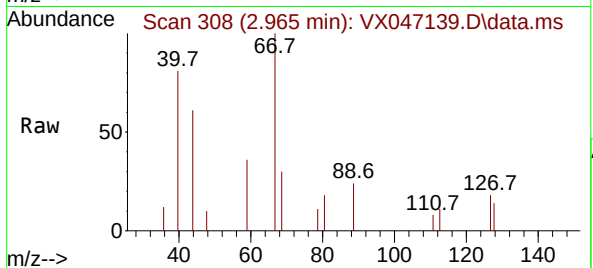




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 307
Delta R.T. 0.007 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

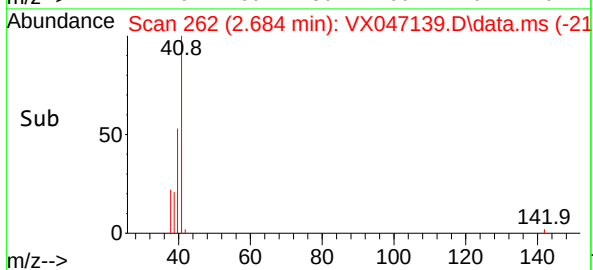
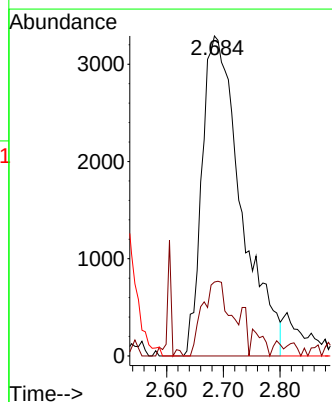
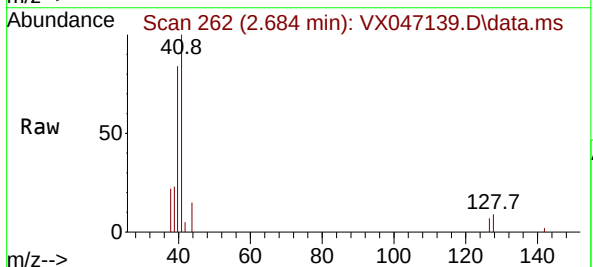
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MSVOA_X
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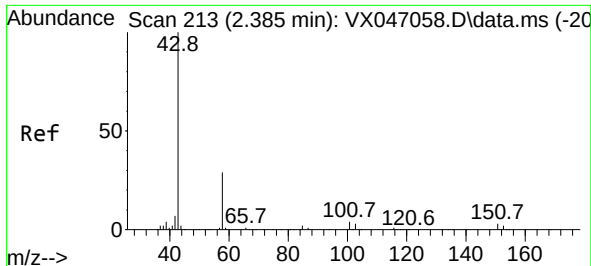
Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#14
Allyl chloride
Concen: 1.742 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

Tgt Ion: 41 Resp: 15718
Ion Ratio Lower Upper
41 100
39 16.3 52.6 78.8#
76 0.0 25.7 38.5#

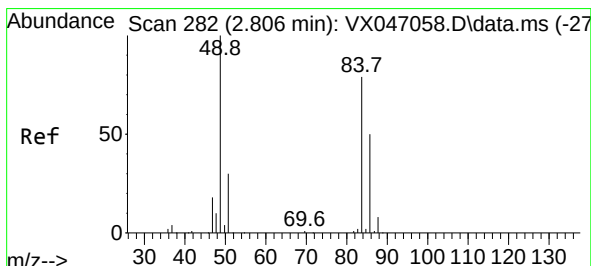
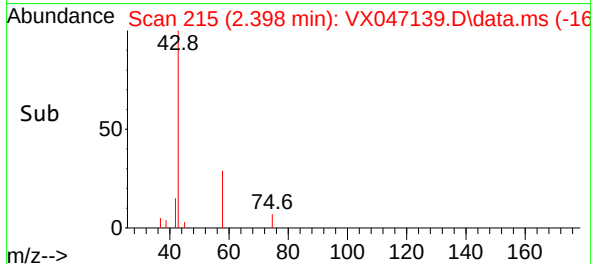
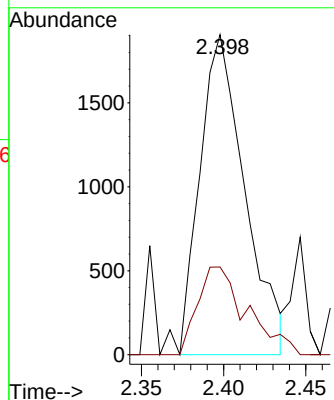
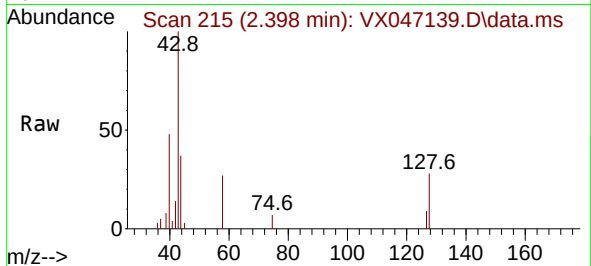




#16
Acetone
Concen: 1.825 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

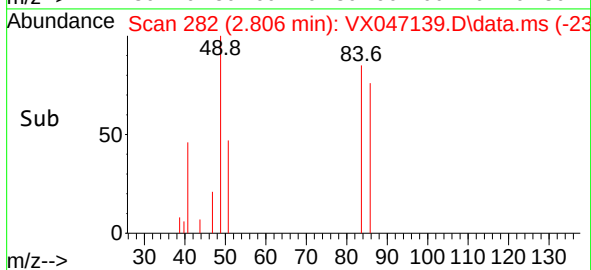
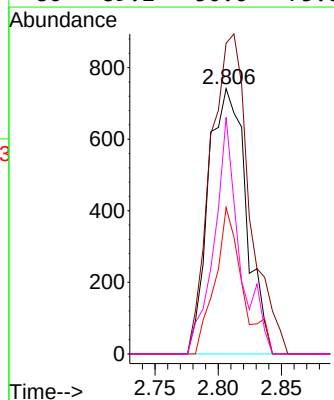
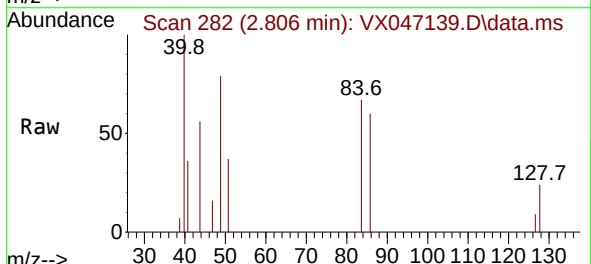
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

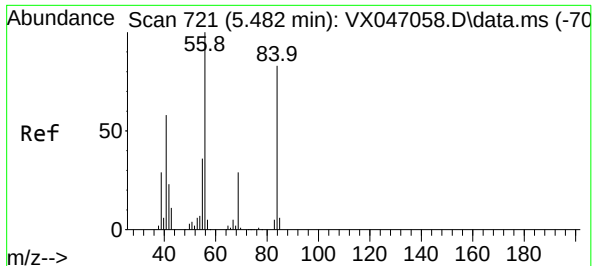
Tgt Ion: 43 Resp: 3616
Ion Ratio Lower Upper
43 100
58 22.1 24.0 36.0#



#20
Methylene Chloride
Concen: 0.282 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

Tgt Ion: 84 Resp: 1535
Ion Ratio Lower Upper
84 100
49 117.1 101.6 152.4
51 55.2 30.3 45.5#
86 89.2 50.6 75.8#

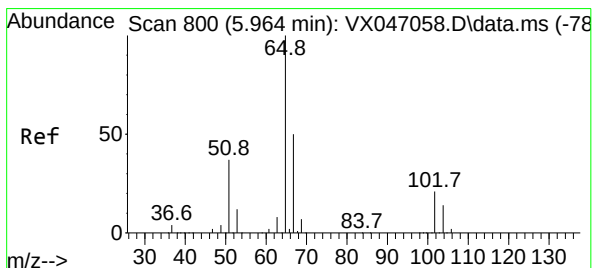
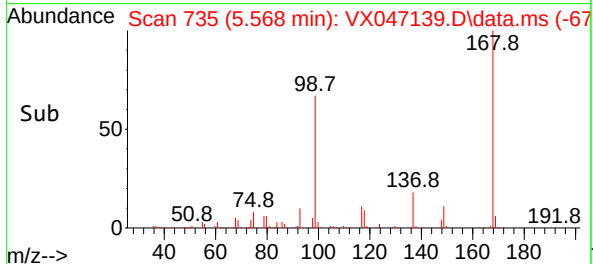
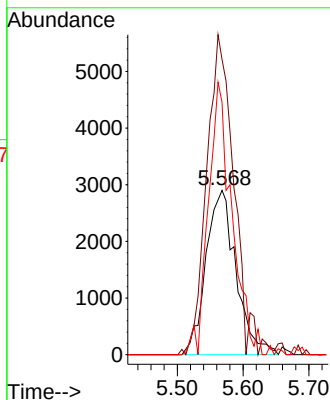
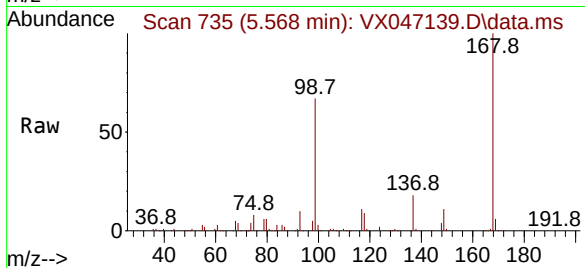




#31
Cyclohexane
Concen: 0.999 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.086 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

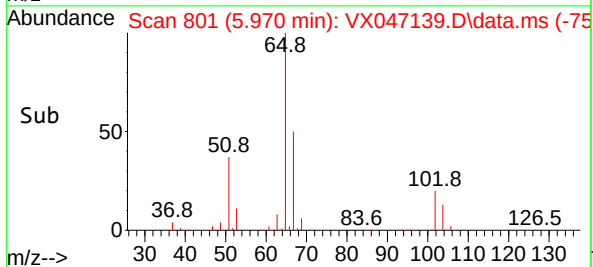
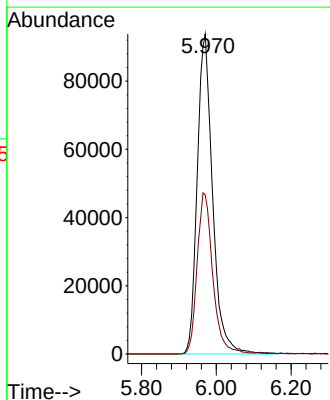
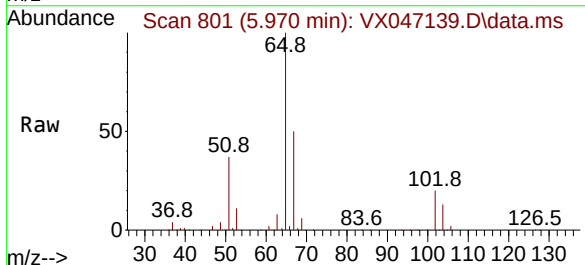
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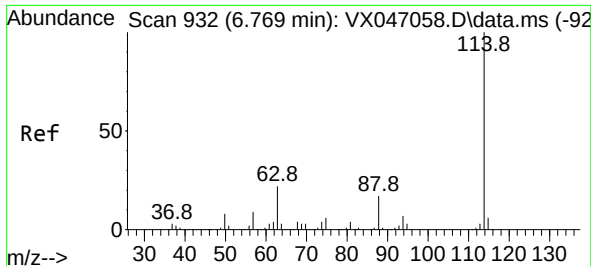
Tgt Ion: 56 Resp: 9238
Ion Ratio Lower Upper
56 100
69 186.8 23.3 34.9#
84 153.5 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 54.070 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

Tgt Ion: 65 Resp: 267468
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8

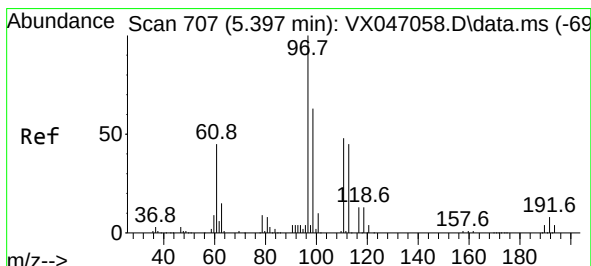
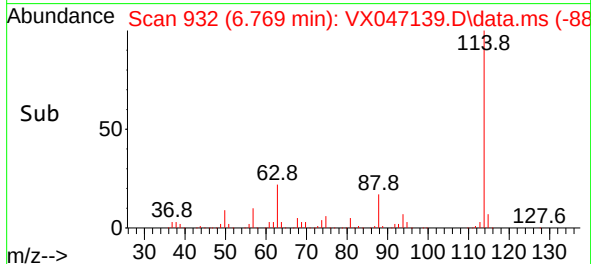
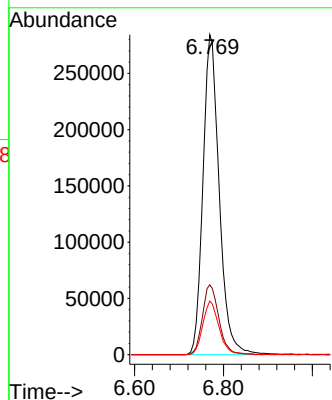
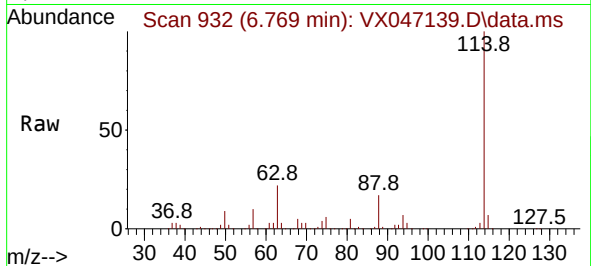




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

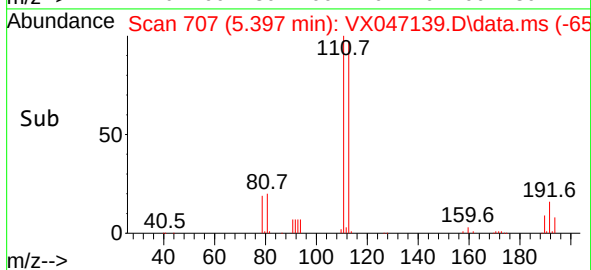
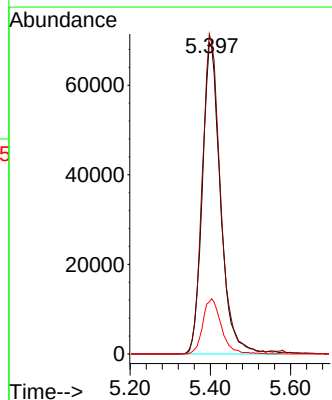
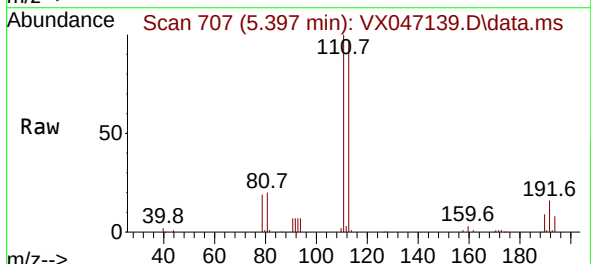
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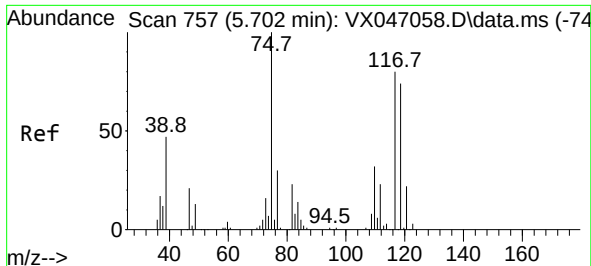
Tgt Ion:114 Resp: 725707
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.2
88 16.8 0.0 33.8



#35
Dibromofluoromethane
Concen: 48.826 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

Tgt Ion:113 Resp: 218775
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 18.1 14.9 22.3

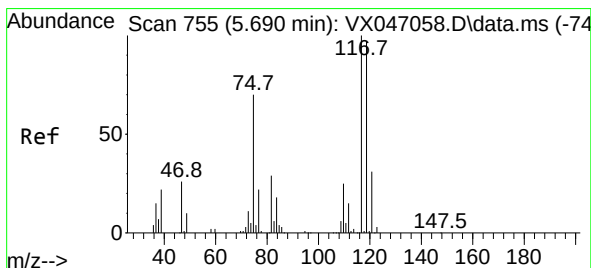
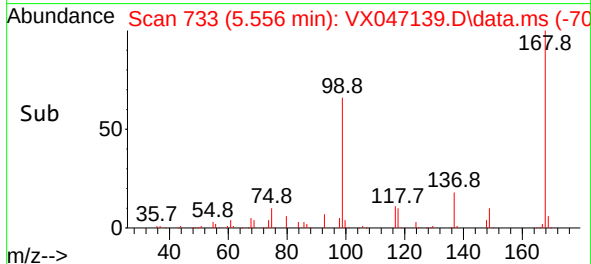
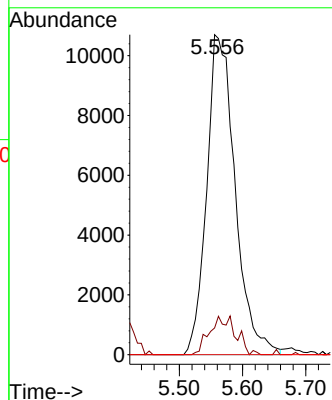
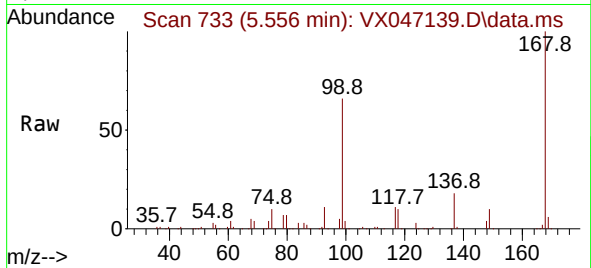




#36
1,1-Dichloropropene
Concen: 4.373 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

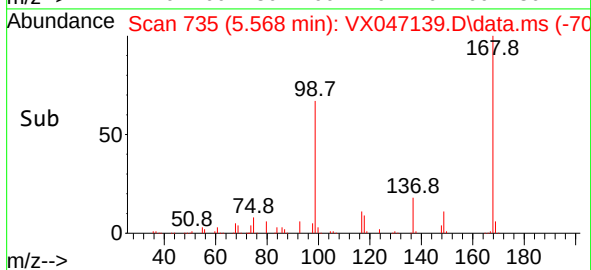
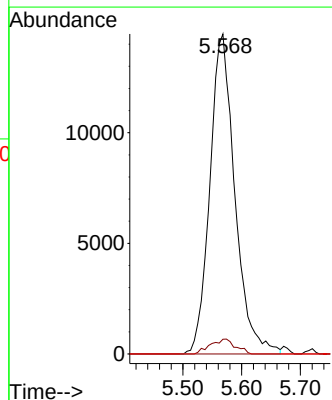
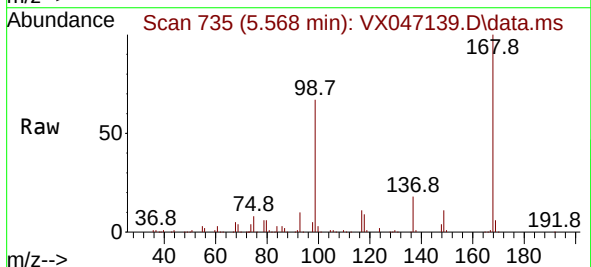
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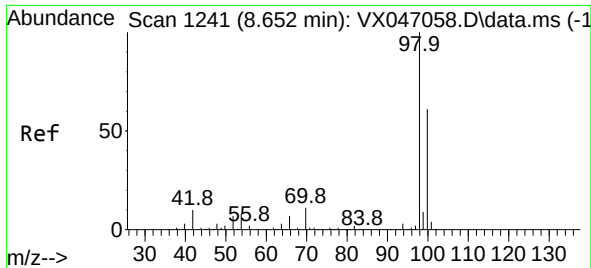
Tgt Ion: 75 Resp: 33402
Ion Ratio Lower Upper
75 100
110 0.0 17.2 51.5#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.246 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

Tgt Ion: 117 Resp: 42767
Ion Ratio Lower Upper
117 100
119 4.6 76.6 115.0#
121 0.0 24.4 36.6#

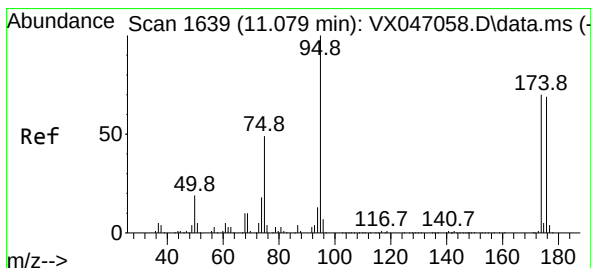
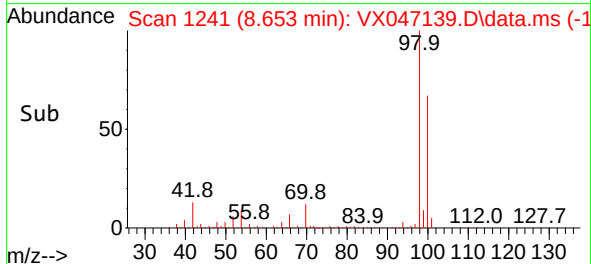
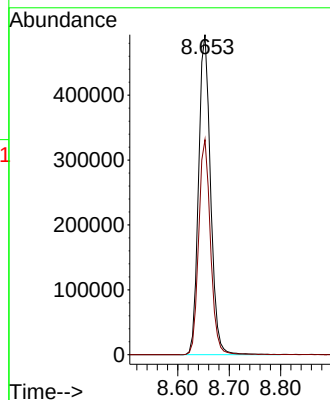
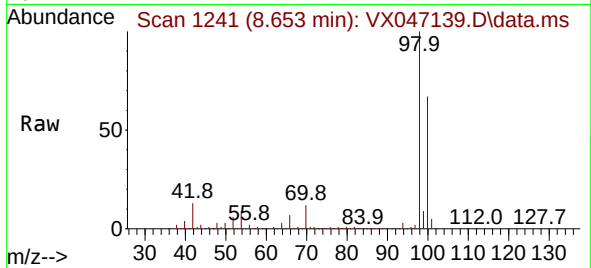




#50
Toluene-d8
Concen: 54.929 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

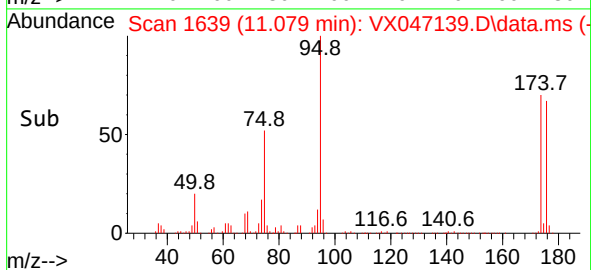
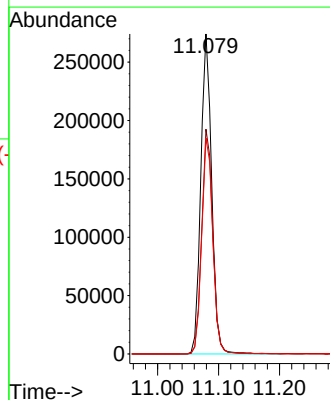
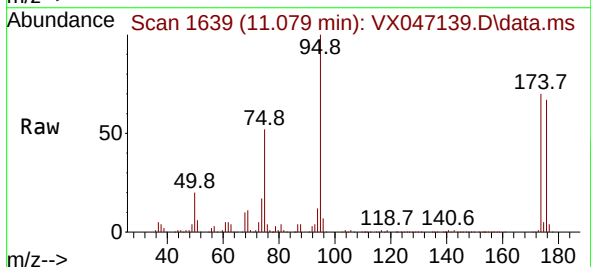
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

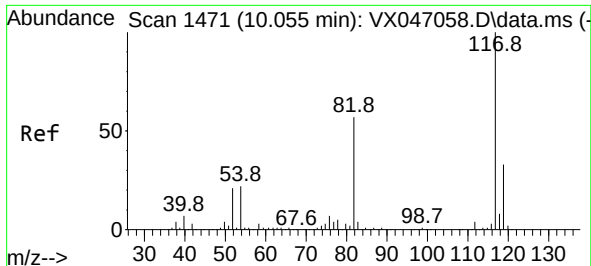
Tgt Ion: 98 Resp: 797060
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 54.442 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

Tgt Ion: 95 Resp: 340447
Ion Ratio Lower Upper
95 100
174 71.5 0.0 144.6
176 68.8 0.0 139.6

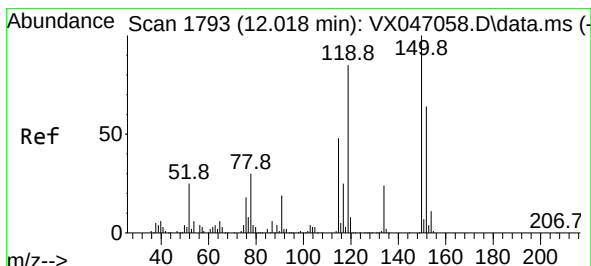
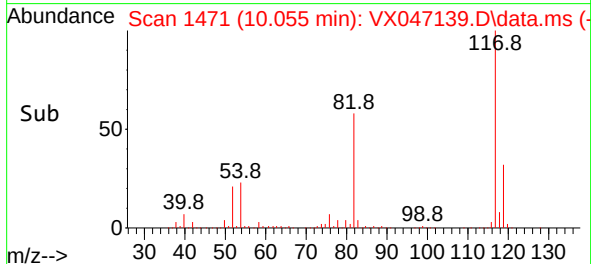
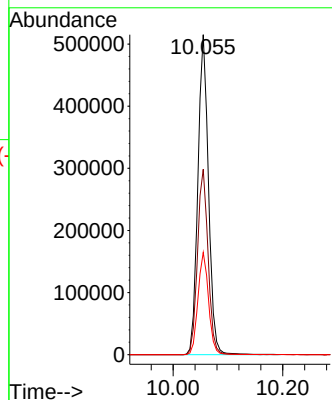
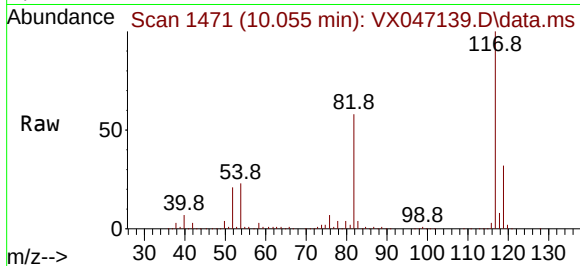




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

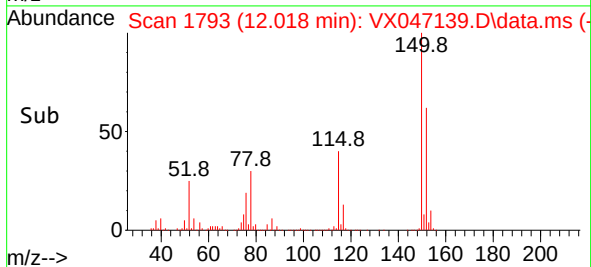
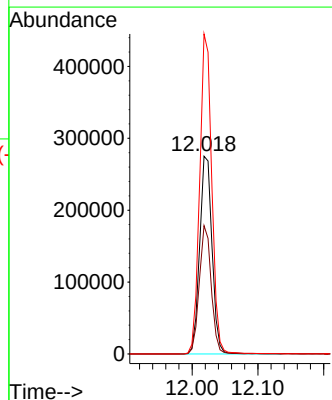
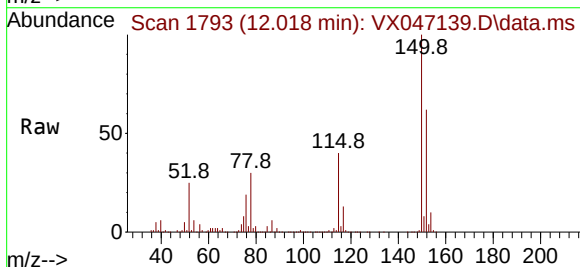
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

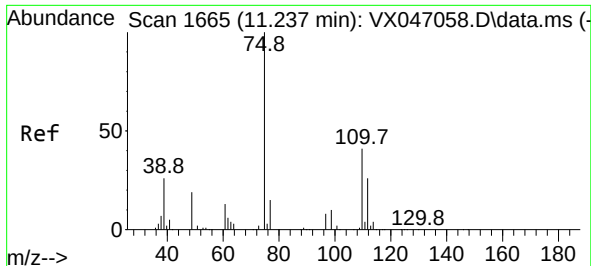
Tgt Ion:117 Resp: 694329
Ion Ratio Lower Upper
117 100
82 58.0 45.4 68.2
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

Tgt Ion:152 Resp: 360128
Ion Ratio Lower Upper
152 100
115 62.4 45.6 136.7
150 158.1 0.0 354.6

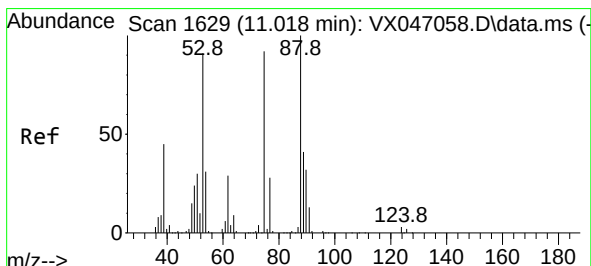
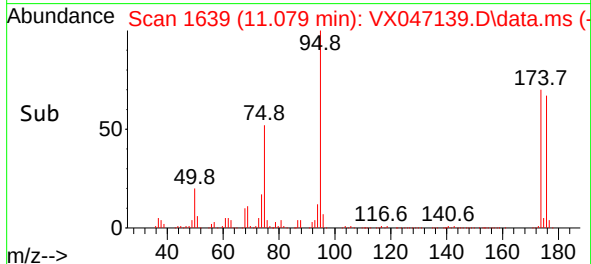
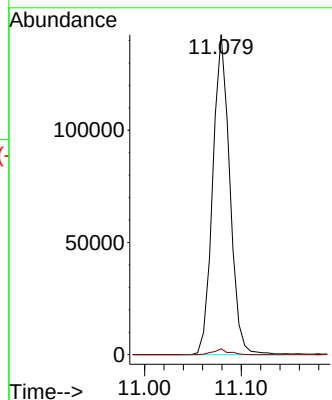
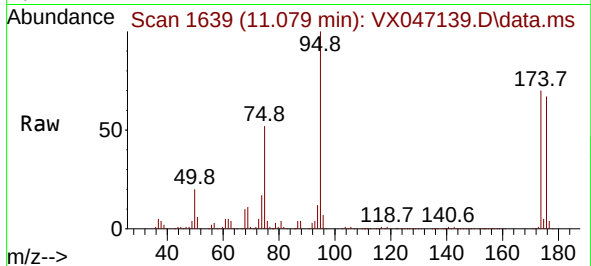




#76
1,2,3-Trichloropropane
Concen: 26.188 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 174565
Ion Ratio Lower Upper
75 100
77 1.6 21.6 65.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.471 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047139.D
Acq: 25 Jul 2025 13:47

Tgt Ion: 75 Resp: 174565
Ion Ratio Lower Upper
75 100
53 0.0 84.2 126.4#
89 0.0 36.0 54.0#

