

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047130.D
 Acq On : 25 Jul 2025 10:29
 Operator : JC/MD
 Sample : VX0725WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBL01

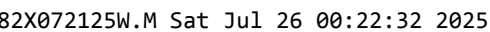
Quant Time: Jul 26 00:22:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

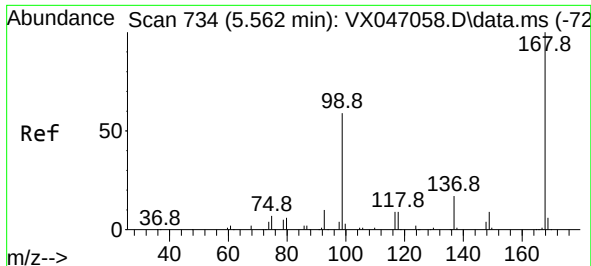
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	437780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	806824	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	773720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	398499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	293706	53.858	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.720%	
35) Dibromofluoromethane	5.397	113	240871	48.352	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.700%	
50) Toluene-d8	8.647	98	863379	53.517	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.040%	
62) 4-Bromofluorobenzene	11.079	95	361638	52.017	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.040%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.477	142	3109	0.549	ug/l #	38
11) Tert butyl alcohol	2.959	59	547	Below Cal	#	72
14) Allyl chloride	2.678	41	19889	2.000	ug/l #	32
16) Acetone	2.386	43	3302	1.511	ug/l #	74
17) Carbon Disulfide	2.532	76	4048	0.254	ug/l #	76
31) Cyclohexane	5.556	56	9790	0.960	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	37315	4.394	ug/l #	51
38) Carbon Tetrachloride	5.562	117	47133	5.200	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	189998	25.759	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	189998	66.365	ug/l #	8
94) Hexachlorobutadiene	13.719	225	782	0.254	ug/l	91

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

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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

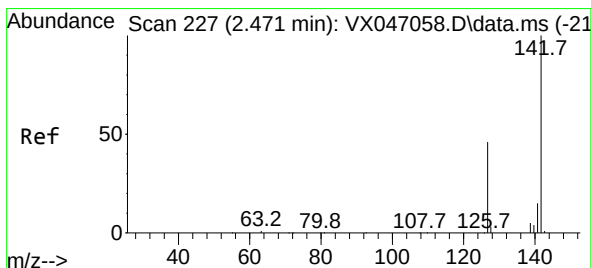
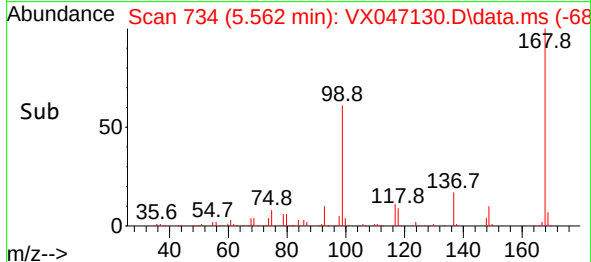
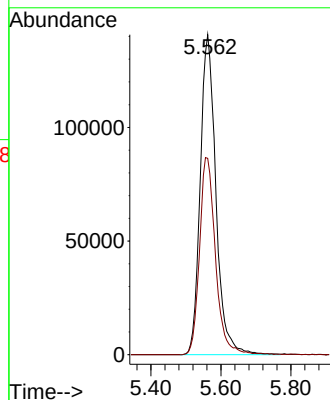
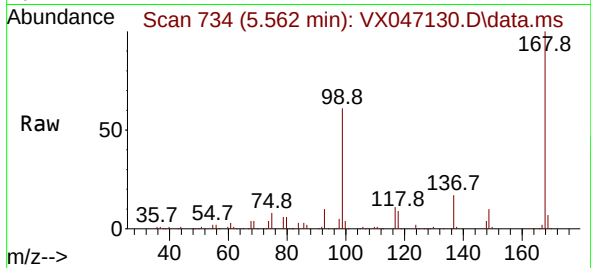




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

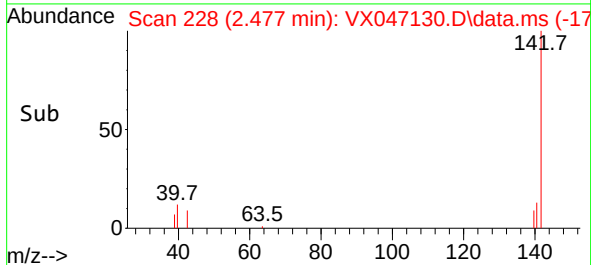
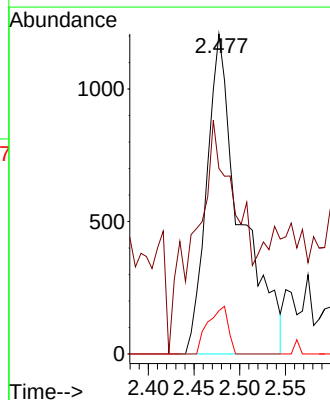
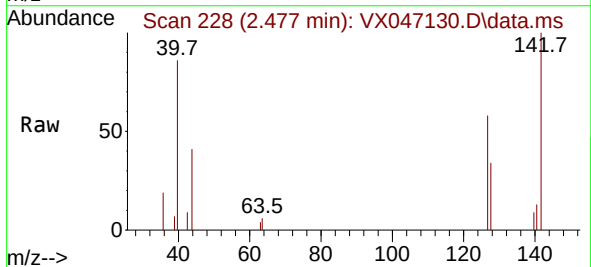
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBL01

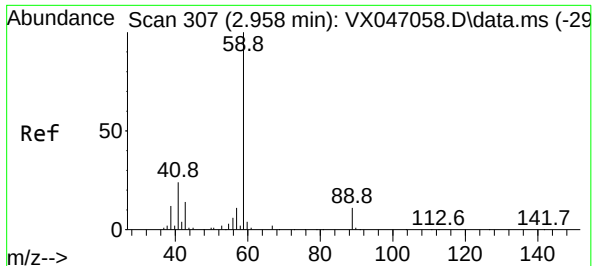
Tgt Ion:168 Resp: 437780
Ion Ratio Lower Upper
168 100
99 61.3 48.0 72.0



#10
Methyl Iodide
Concen: 0.549 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

Tgt Ion:142 Resp: 3109
Ion Ratio Lower Upper
142 100
127 96.7 36.6 54.8#
141 8.9 10.9 16.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.959 min Scan# 307

Delta R.T. 0.001 min

Lab File: VX047130.D

Acq: 25 Jul 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

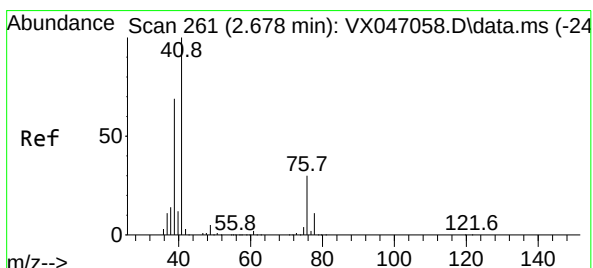
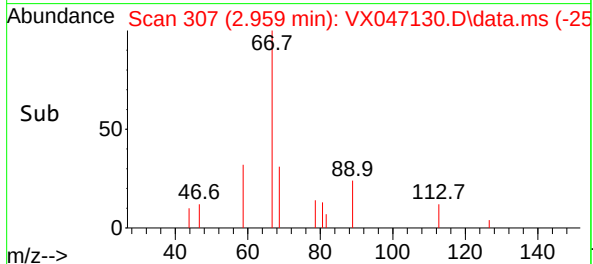
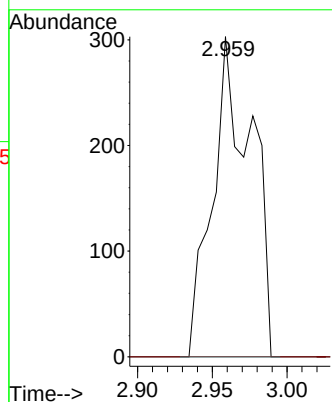
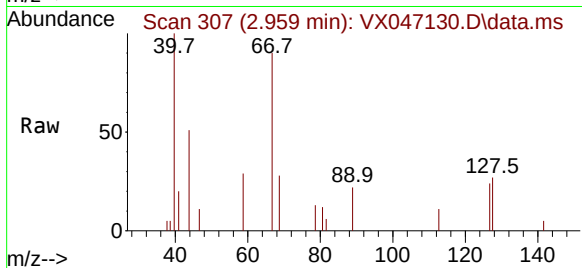
VX0725WBL01

Tgt Ion: 59 Resp: 547

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#14

Allyl chloride

Concen: 2.000 ug/l

RT: 2.678 min Scan# 261

Delta R.T. 0.000 min

Lab File: VX047130.D

Acq: 25 Jul 2025 10:29

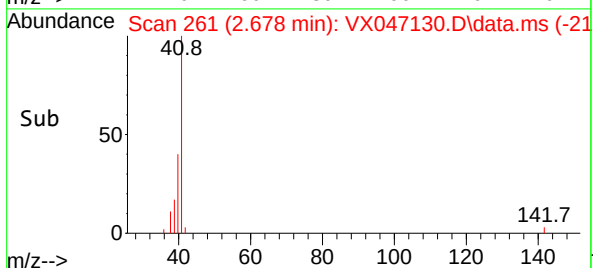
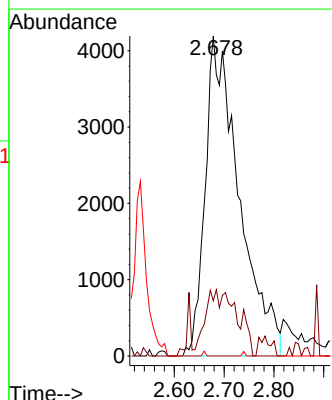
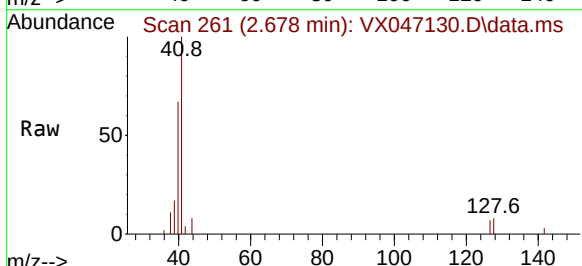
Tgt Ion: 41 Resp: 19889

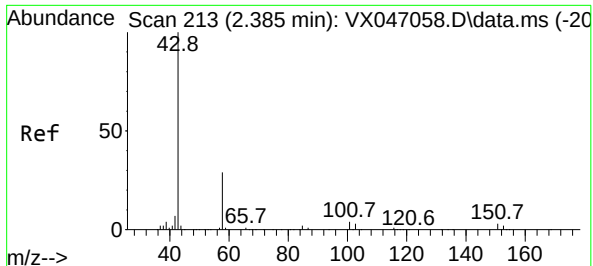
Ion Ratio Lower Upper

41 100

39 7.4 52.6 78.8#

76 0.0 25.7 38.5#

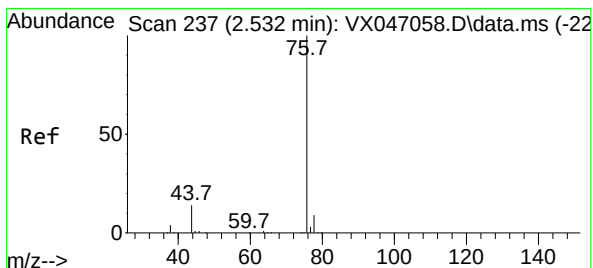
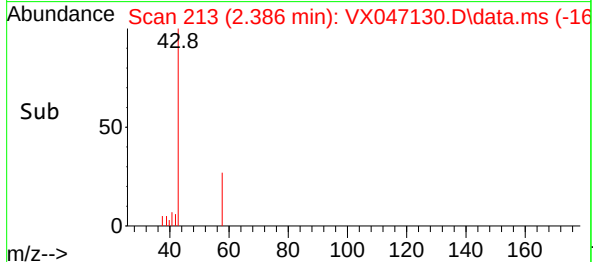
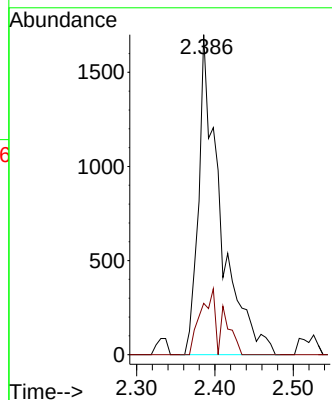
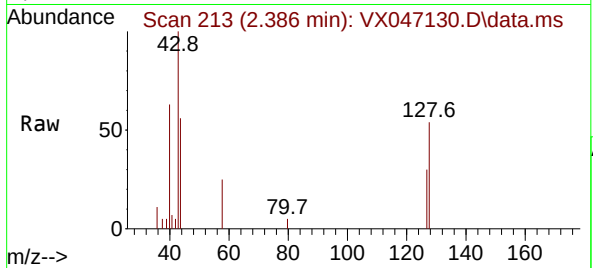




#16
Acetone
Concen: 1.511 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

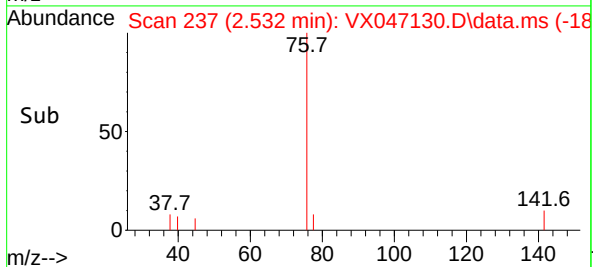
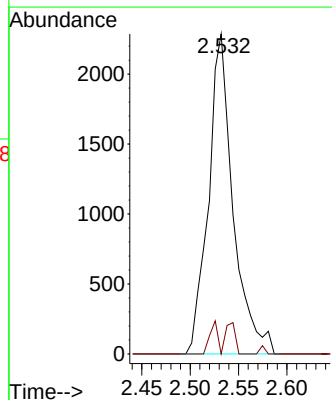
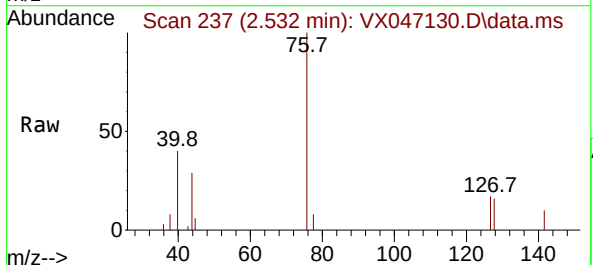
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBL01

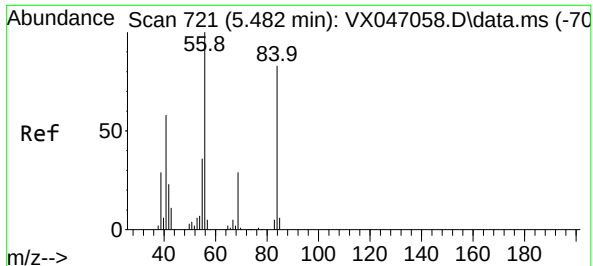
Tgt Ion: 43 Resp: 3302
Ion Ratio Lower Upper
43 100
58 16.1 24.0 36.0#



#17
Carbon Disulfide
Concen: 0.254 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

Tgt Ion: 76 Resp: 4048
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

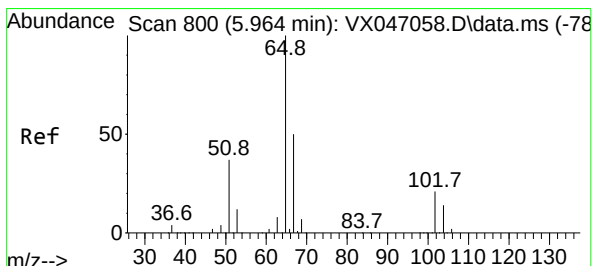
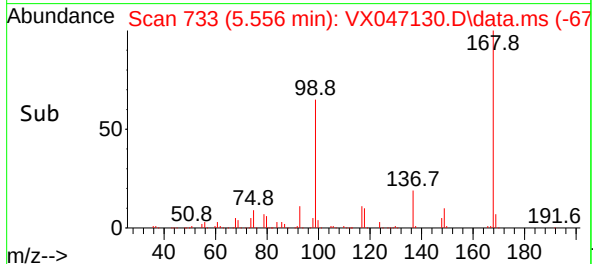
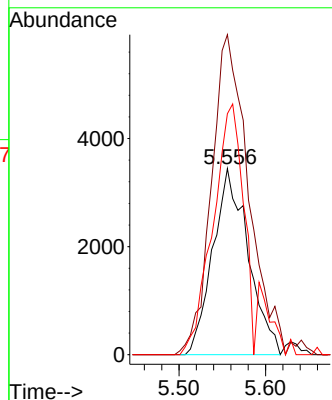
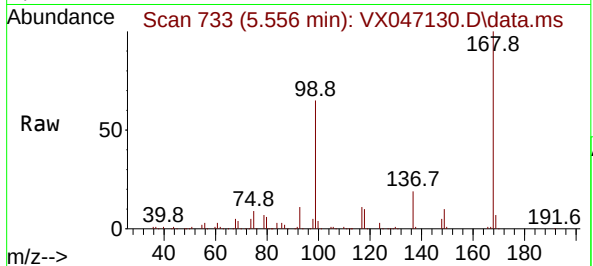




#31
Cyclohexane
Concen: 0.960 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.074 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

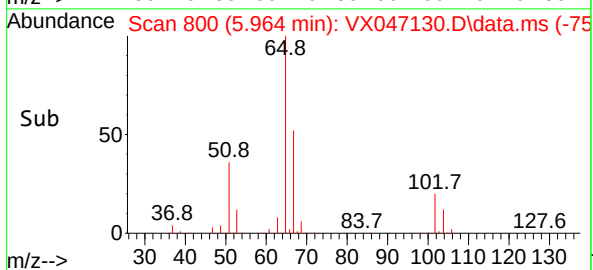
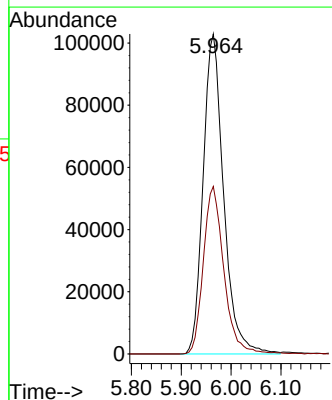
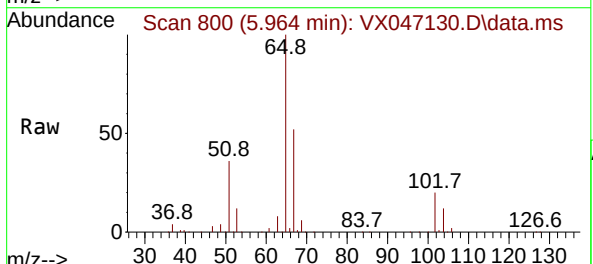
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ClientSampleId :
VX0725WBL01

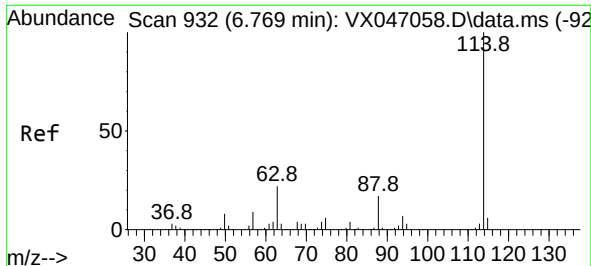
Tgt Ion: 56 Resp: 9790
Ion Ratio Lower Upper
56 100
69 163.2 23.3 34.9#
84 124.4 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 53.858 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

Tgt Ion: 65 Resp: 293706
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8

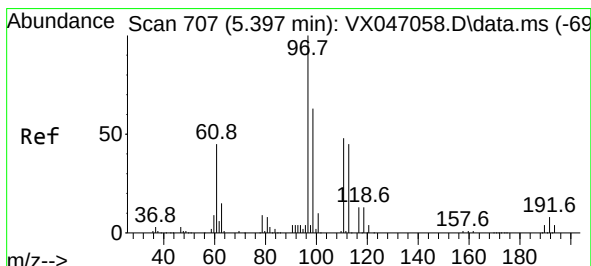
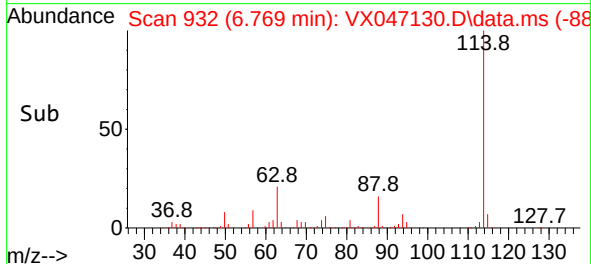
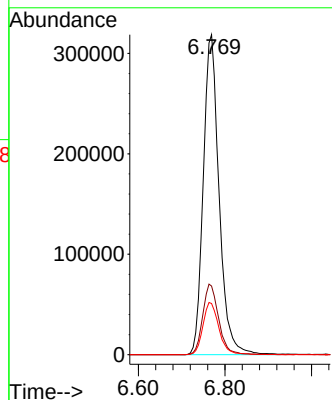
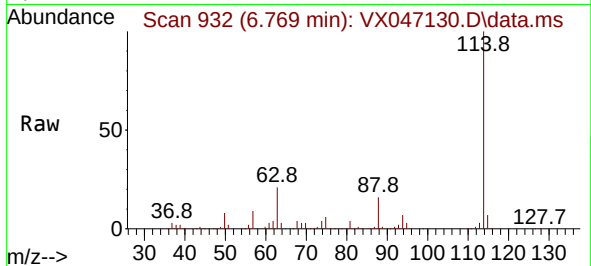




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

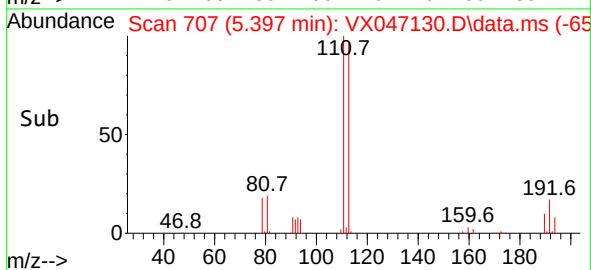
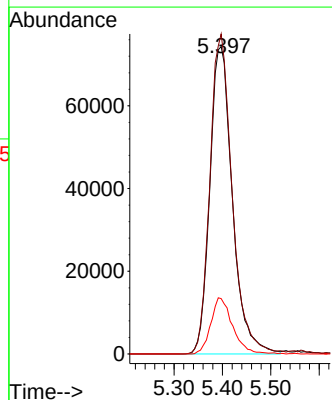
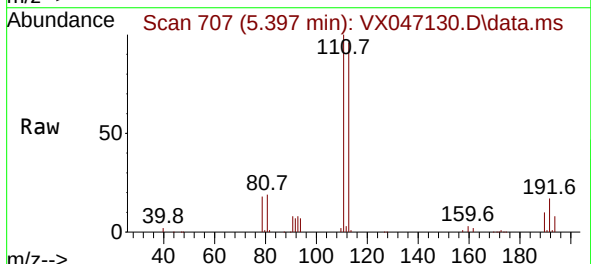
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBL01

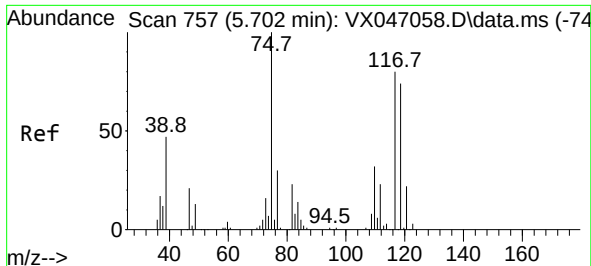
Tgt Ion:114 Resp: 806824
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 16.0 0.0 33.8



#35
Dibromofluoromethane
Concen: 48.352 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

Tgt Ion:113 Resp: 240871
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 17.5 14.9 22.3

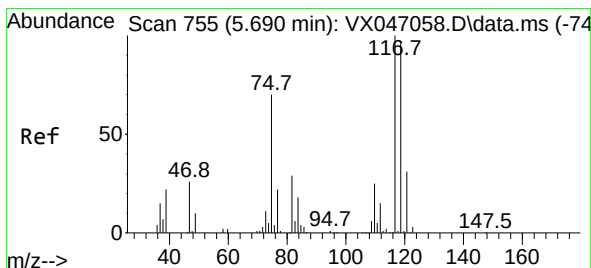
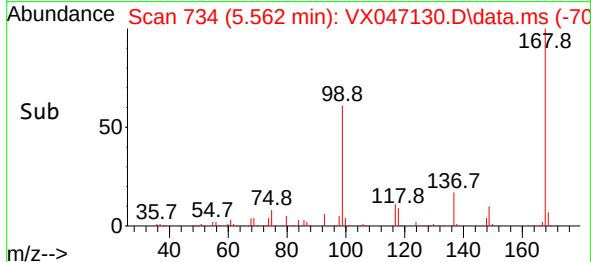
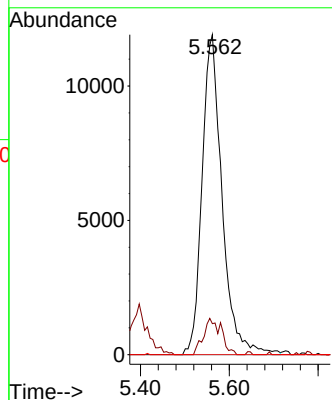
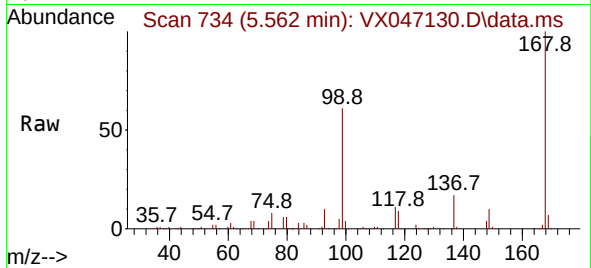




#36
 1,1-Dichloropropene
 Concen: 4.394 ug/l
 RT: 5.562 min Scan# 714
 Delta R.T. -0.140 min
 Lab File: VX047130.D
 Acq: 25 Jul 2025 10:29

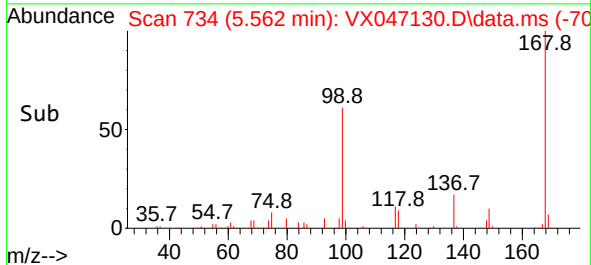
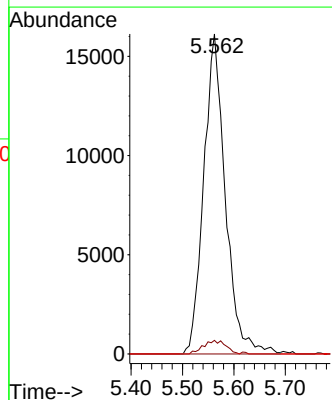
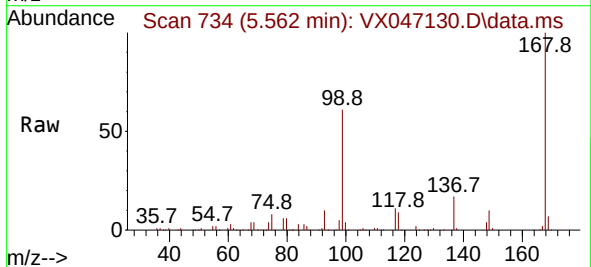
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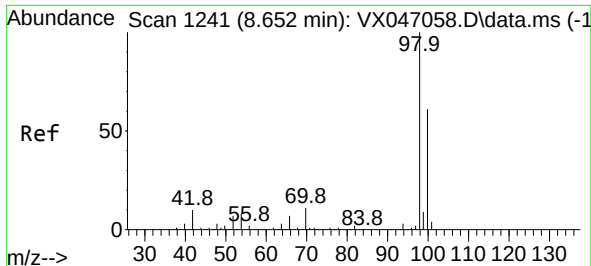
Tgt Ion: 75 Resp: 37315
 Ion Ratio Lower Upper
 75 100
 110 10.1 17.2 51.5#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.200 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. -0.128 min
 Lab File: VX047130.D
 Acq: 25 Jul 2025 10:29

Tgt Ion: 117 Resp: 47133
 Ion Ratio Lower Upper
 117 100
 119 4.3 76.6 115.0#
 121 0.0 24.4 36.6#

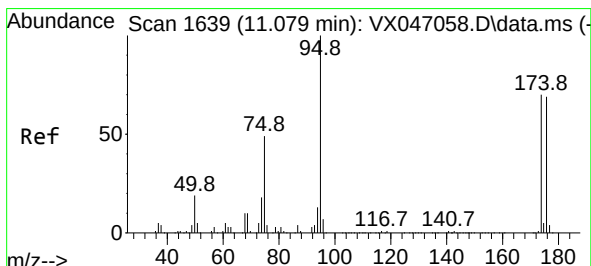
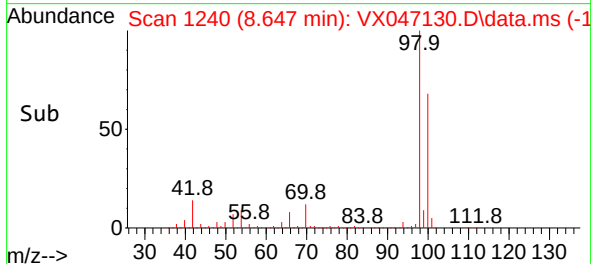
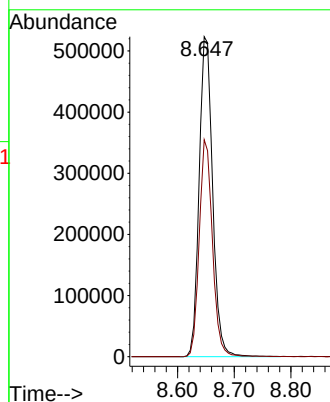
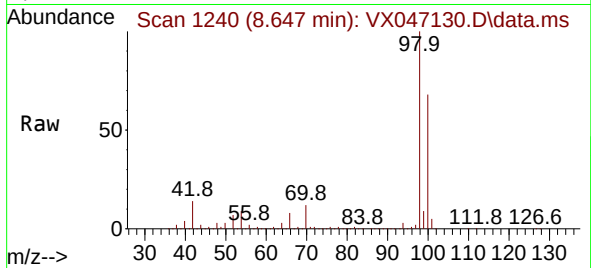




#50
Toluene-d8
Concen: 53.517 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

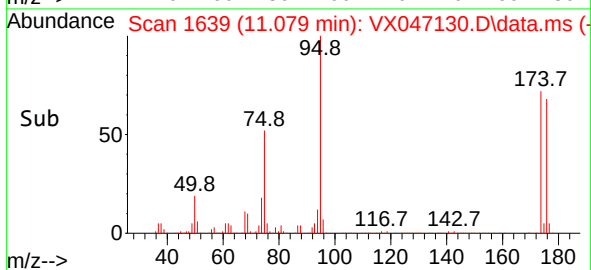
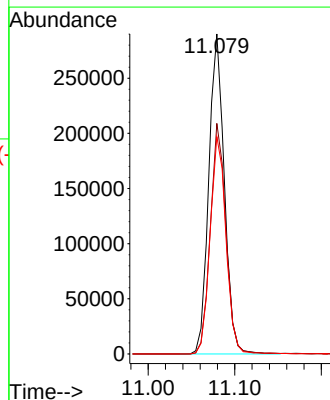
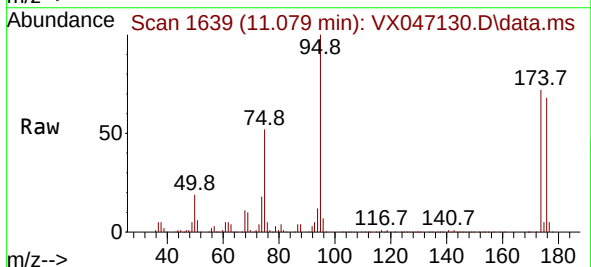
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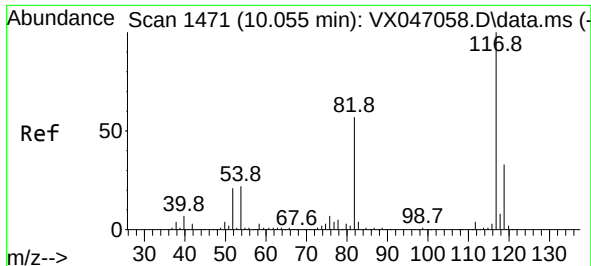
Tgt Ion: 98 Resp: 863379
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 52.017 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

Tgt Ion: 95 Resp: 361638
Ion Ratio Lower Upper
95 100
174 72.6 0.0 144.6
176 69.3 0.0 139.6

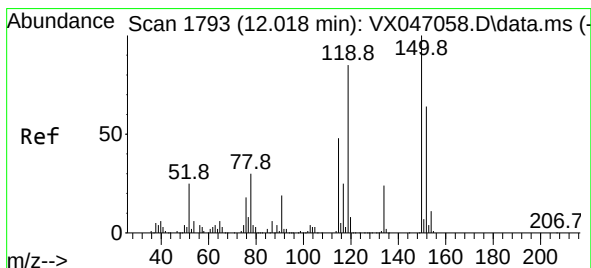
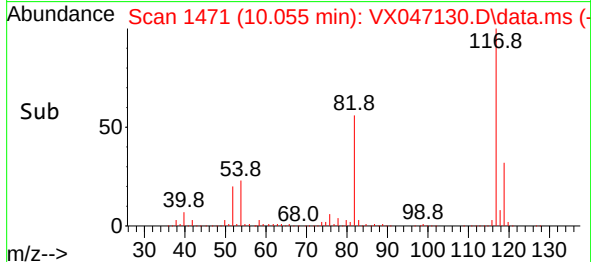
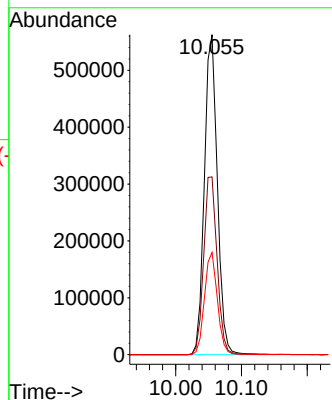
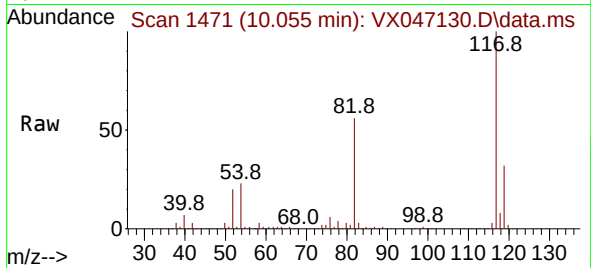




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

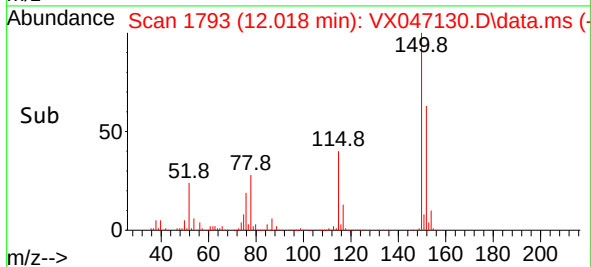
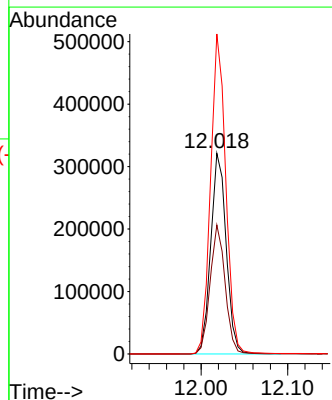
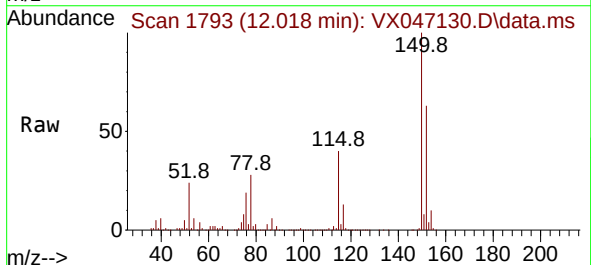
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBL01

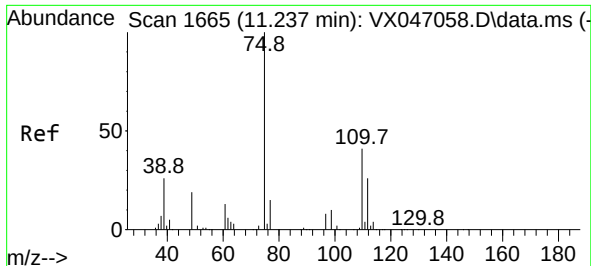
Tgt Ion:117 Resp: 773720
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.2
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

Tgt Ion:152 Resp: 398499
Ion Ratio Lower Upper
152 100
115 62.6 45.6 136.7
150 156.5 0.0 354.6

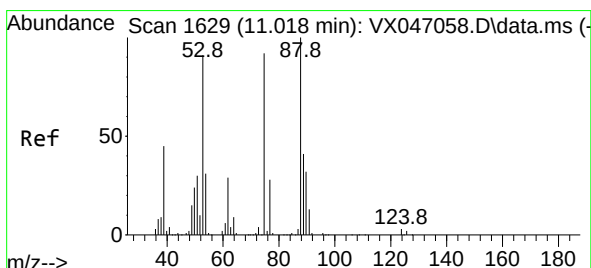
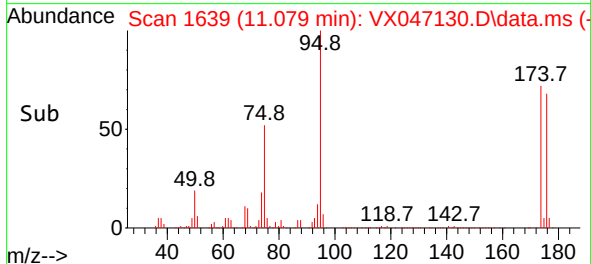
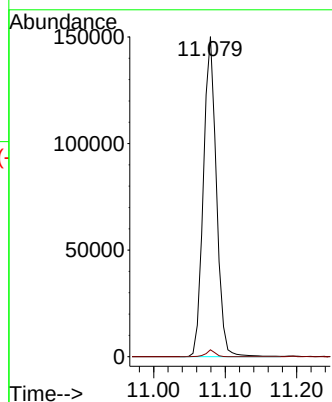
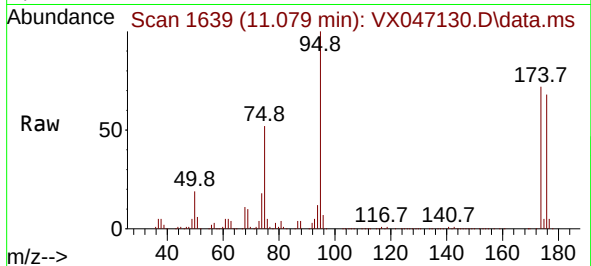




#76
1,2,3-Trichloropropane
Concen: 25.759 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

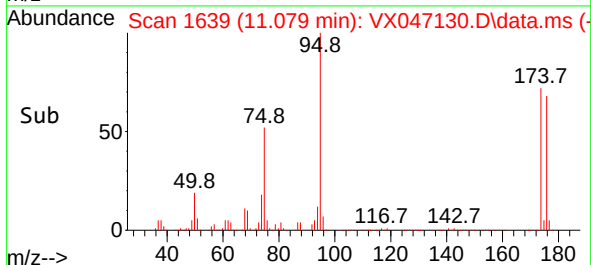
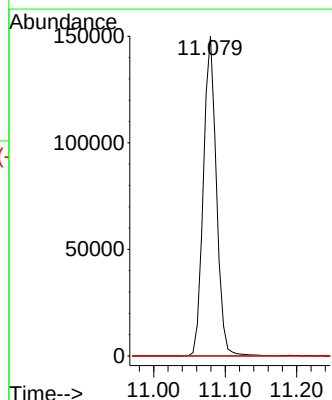
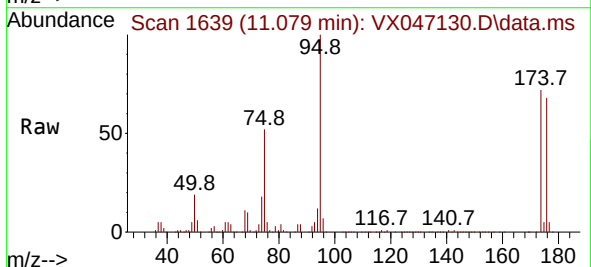
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBL01

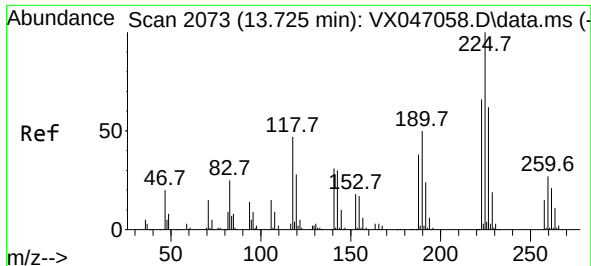
Tgt Ion: 75 Resp: 189998
Ion Ratio Lower Upper
75 100
77 1.5 21.6 65.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.365 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047130.D
Acq: 25 Jul 2025 10:29

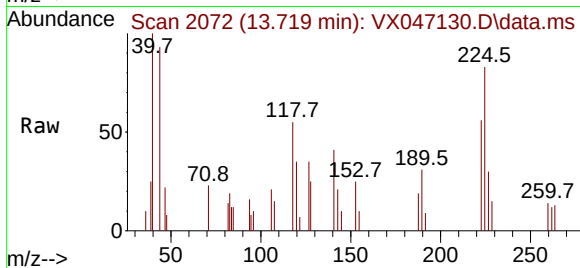
Tgt Ion: 75 Resp: 189998
Ion Ratio Lower Upper
75 100
53 0.0 84.2 126.4#
89 0.0 36.0 54.0#





#94
 Hexachlorobutadiene
 Concen: 0.254 ug/l
 RT: 13.719 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VX047130.D
 Acq: 25 Jul 2025 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBL01



Tgt Ion:	225	Resp:	782
Ion	Ratio	Lower	Upper
225	100		
223	58.1	31.6	95.0
227	57.3	32.9	98.6

