

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
 Data File : VX047573.D
 Acq On : 02 Sep 2025 10:43
 Operator : JC/MD
 Sample : VX0902WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0902WBL01

Quant Time: Sep 03 02:12:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

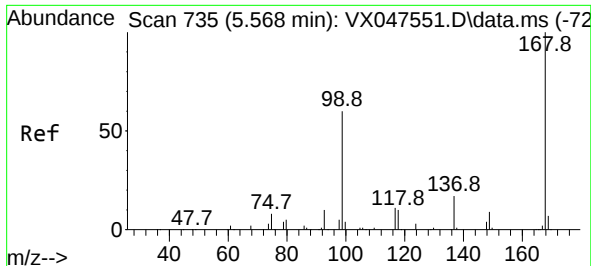
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	329307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	667815	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	660687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	325255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	272217	53.830	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.660%	
35) Dibromofluoromethane	5.397	113	232593	50.746	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.500%	
50) Toluene-d8	8.653	98	819224	50.992	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	11.079	95	338775	56.130	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.260%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	910	0.454	ug/l #	48
6) Chloroethane	1.709	64	590	0.201	ug/l #	40
10) Methyl Iodide	2.477	142	4358	0.671	ug/l #	89
16) Acetone	2.392	43	2720	1.358	ug/l	94
17) Carbon Disulfide	2.526	76	2844	0.230	ug/l #	91
31) Cyclohexane	5.568	56	7317	1.029	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	27014	4.141	ug/l #	51
38) Carbon Tetrachloride	5.562	117	33497	4.628	ug/l #	16
58) 2-Chloroethyl Vinyl ether	8.262	63	53	Below Cal	#	47
76) 1,2,3-Trichloropropane	11.079	75	174694	30.094	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	174694	106.163	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.597	180	1397	0.205	ug/l	87
94) Hexachlorobutadiene	13.725	225	2517	1.062	ug/l	96

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

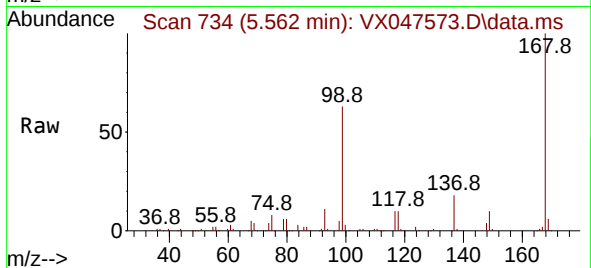
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration



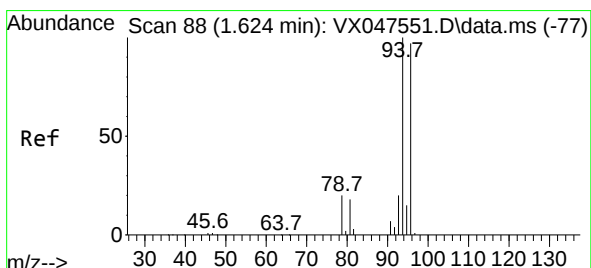
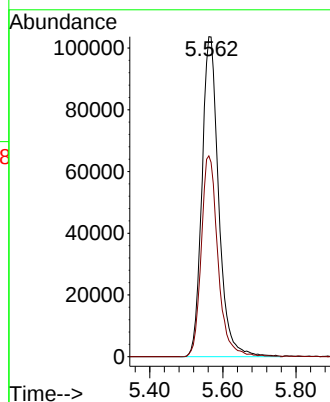
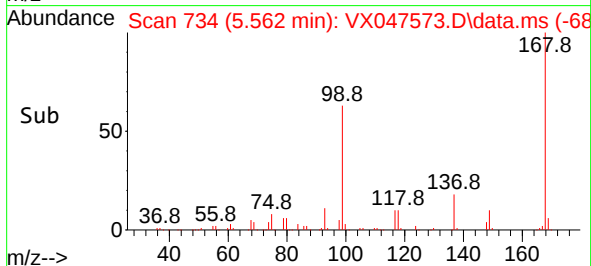


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

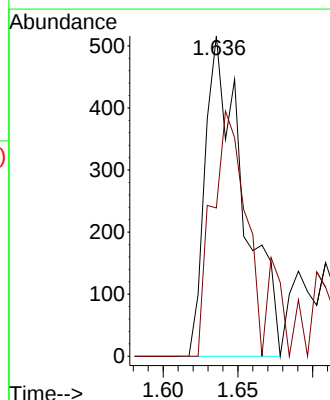
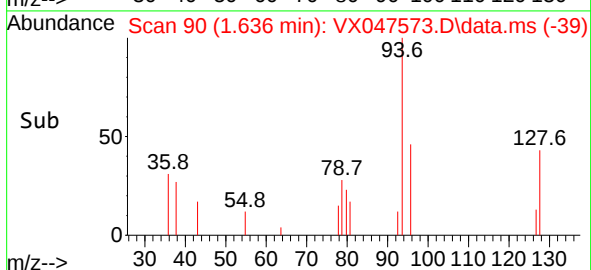
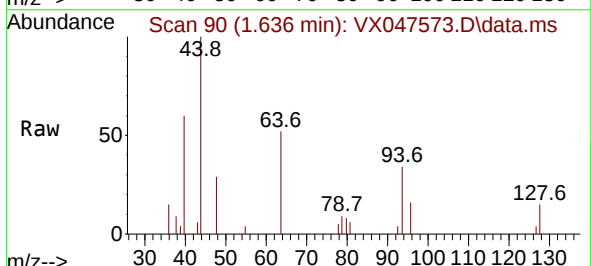


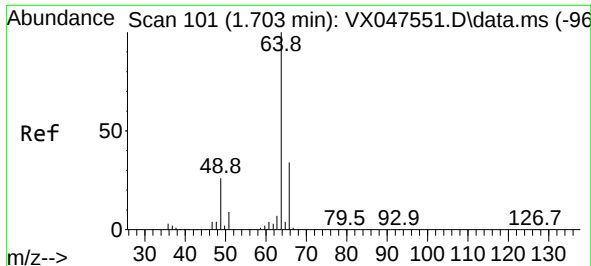
Tgt Ion:168 Resp: 329307
Ion Ratio Lower Upper
168 100
99 62.8 48.9 73.3



#5
Bromomethane
Concen: 0.454 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

Tgt Ion: 94 Resp: 910
Ion Ratio Lower Upper
94 100
96 46.3 77.7 116.5#

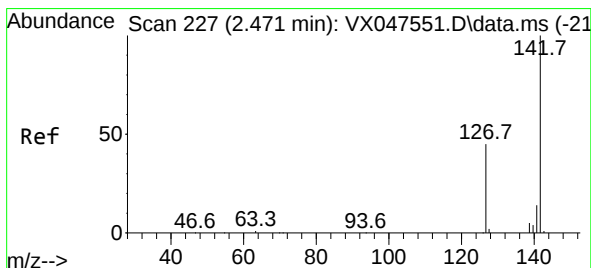
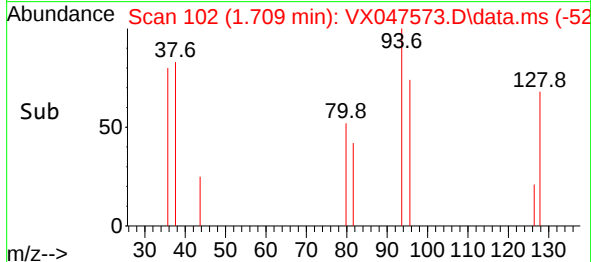
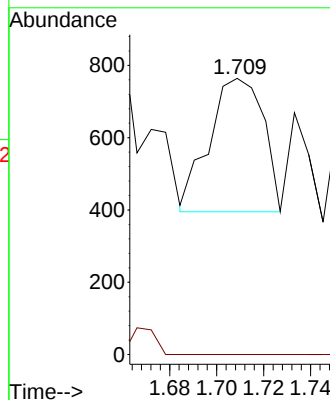
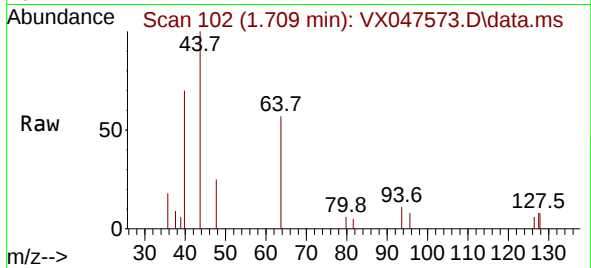




#6
Chloroethane
Concen: 0.201 ug/l
RT: 1.709 min Scan# 101
Delta R.T. 0.006 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

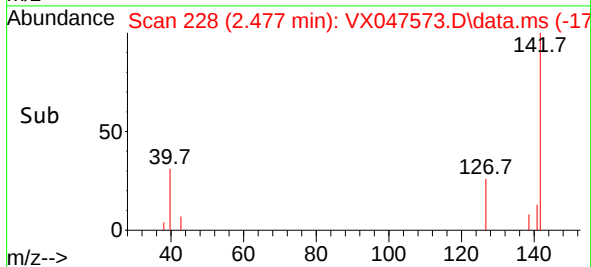
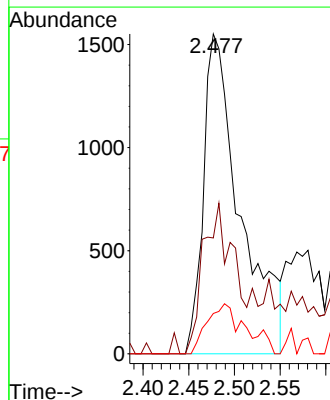
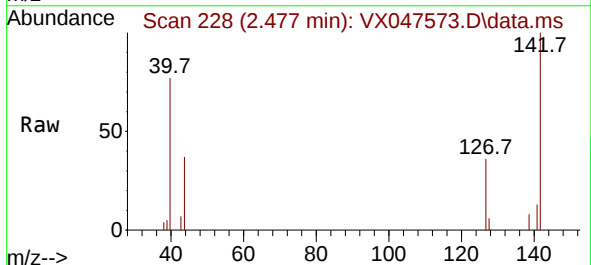
Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

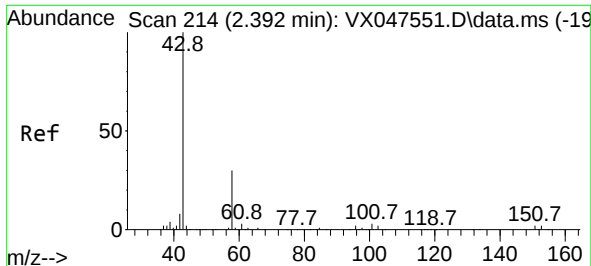
Tgt Ion: 64 Resp: 590
Ion Ratio Lower Upper
64 100
66 0.0 27.4 41.2#



#10
Methyl Iodide
Concen: 0.671 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

Tgt Ion: 142 Resp: 4358
Ion Ratio Lower Upper
142 100
127 39.1 37.6 56.4
141 16.3 10.6 16.0#

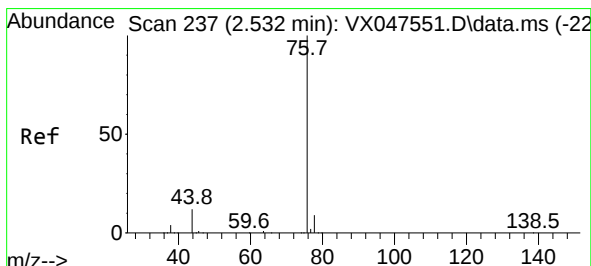
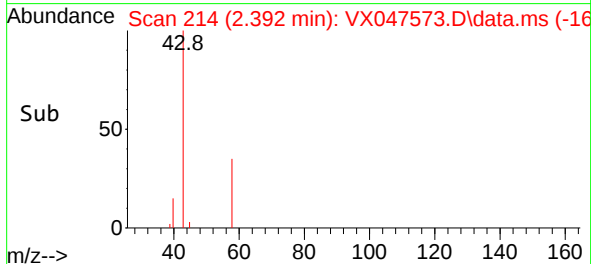
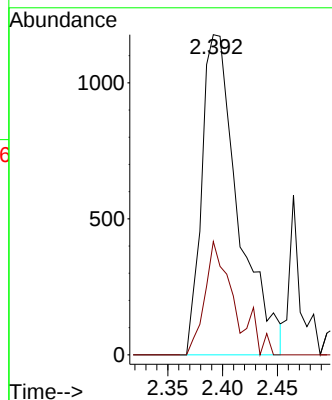
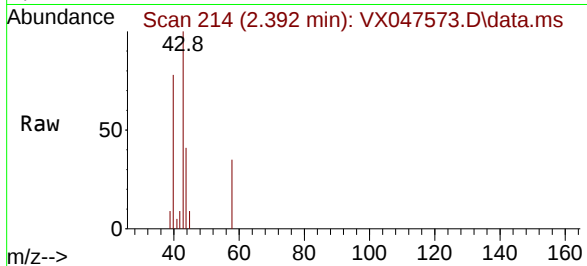




#16
Acetone
Concen: 1.358 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

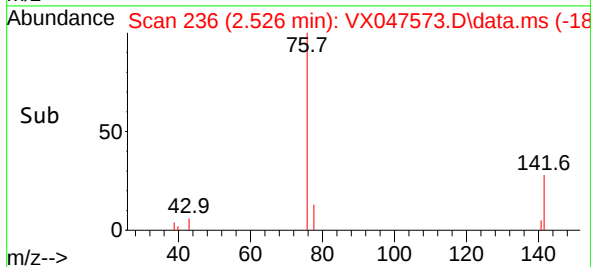
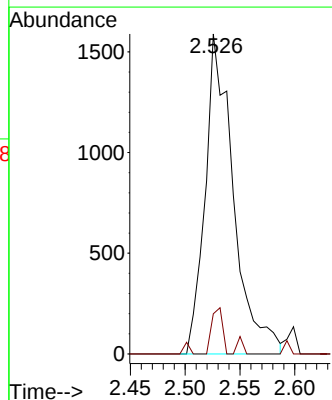
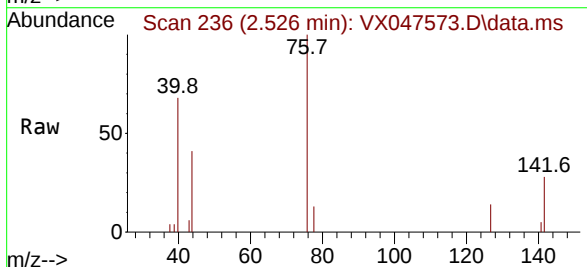
Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

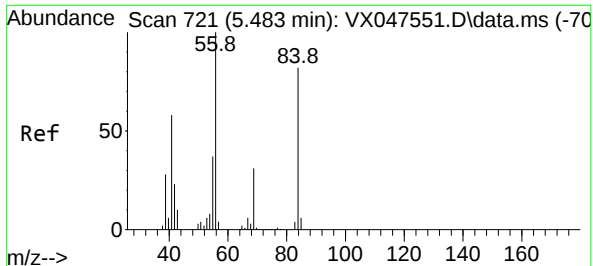
Tgt Ion: 43 Resp: 2720
Ion Ratio Lower Upper
43 100
58 26.9 24.2 36.2



#17
Carbon Disulfide
Concen: 0.230 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

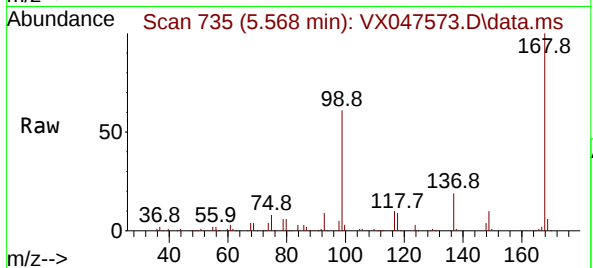
Tgt Ion: 76 Resp: 2844
Ion Ratio Lower Upper
76 100
78 12.5 7.4 11.0#



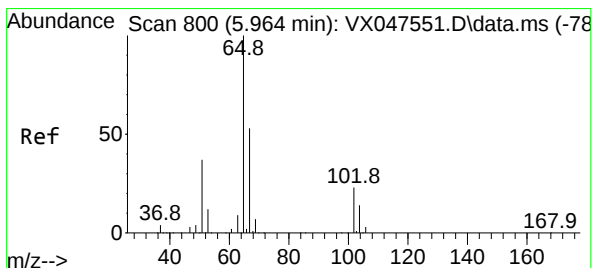
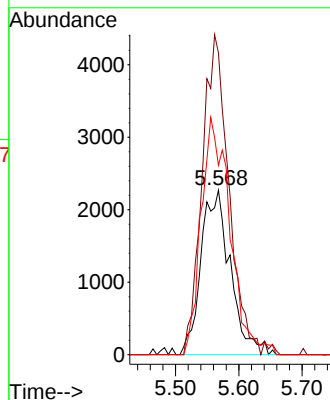
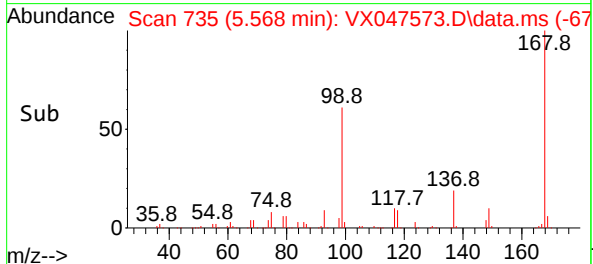


#31
Cyclohexane
Concen: 1.029 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

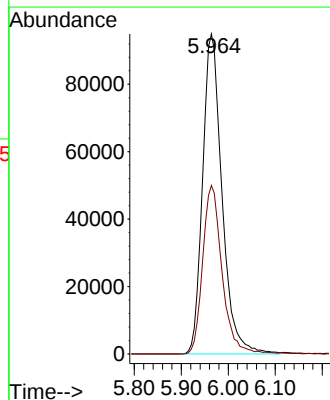
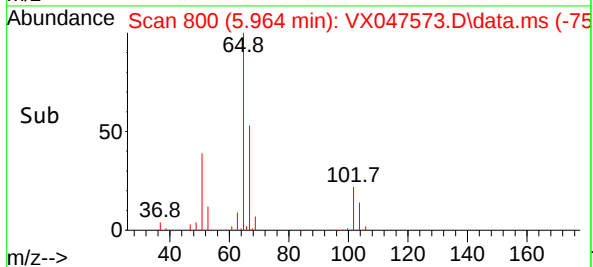
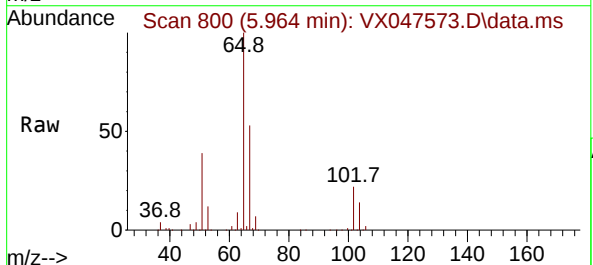


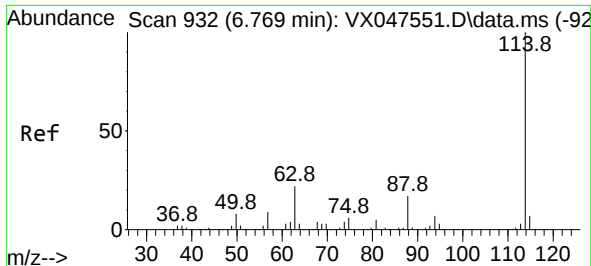
Tgt Ion: 56 Resp: 7317
Ion Ratio Lower Upper
56 100
69 176.7 24.2 36.2#
84 110.9 65.5 98.3#



#33
1,2-Dichloroethane-d4
Concen: 53.830 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

Tgt Ion: 65 Resp: 272217
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8

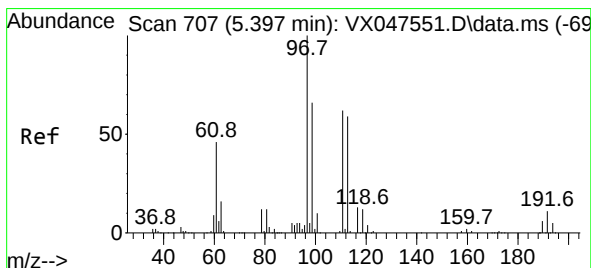
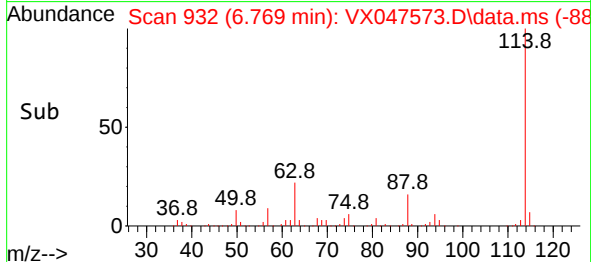
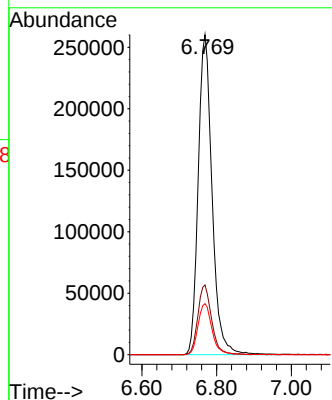
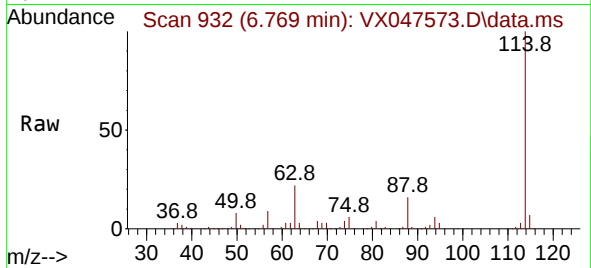




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

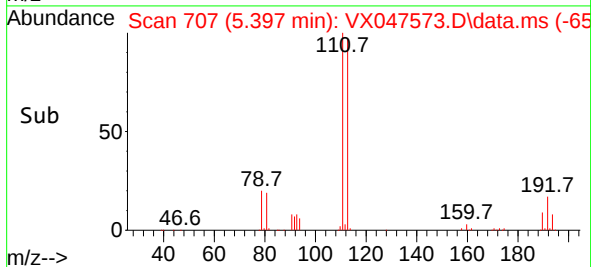
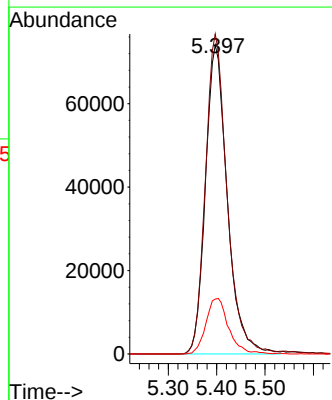
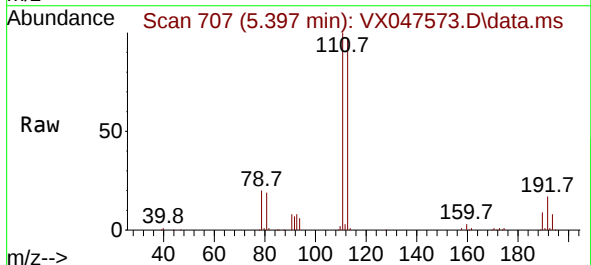
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ClientSampleId :
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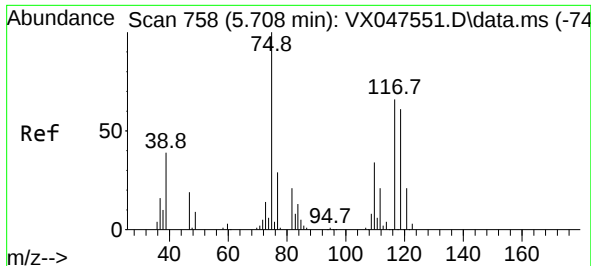
Tgt Ion:114 Resp: 667815
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.6
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.746 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

Tgt Ion:113 Resp: 232593
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 18.6 14.2 21.4

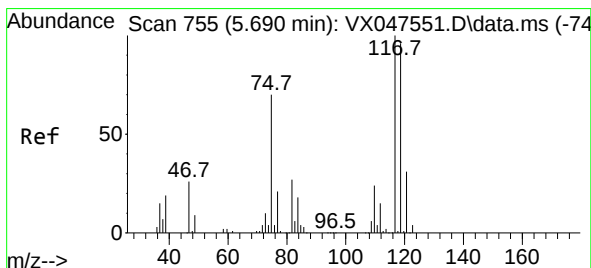
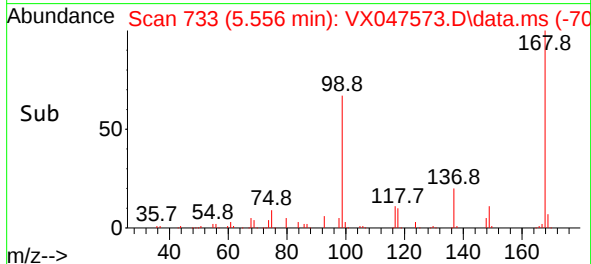
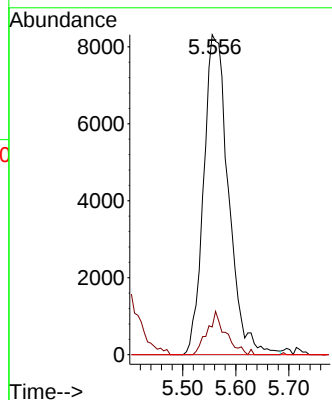
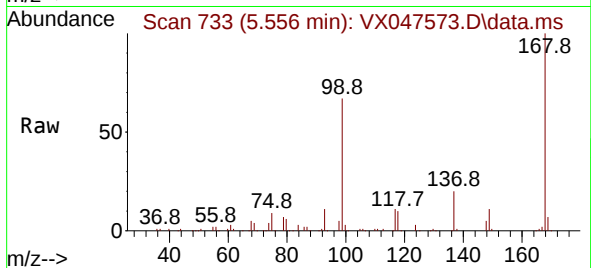




#36
1,1-Dichloropropene
Concen: 4.141 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.153 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

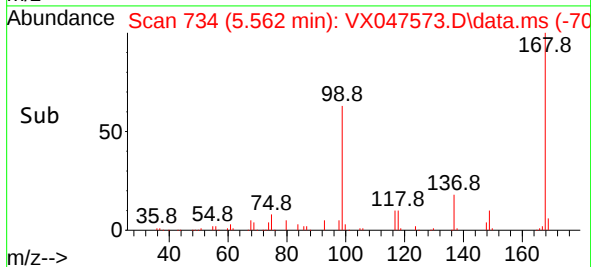
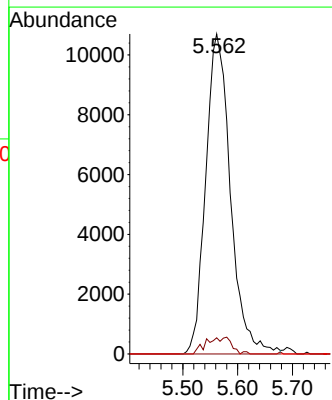
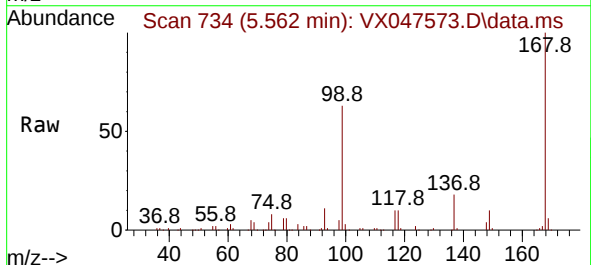
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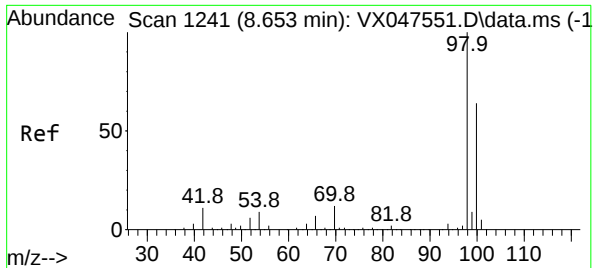
Tgt Ion: 75 Resp: 27014
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.3#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 4.628 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

Tgt Ion: 117 Resp: 33497
Ion Ratio Lower Upper
117 100
119 5.0 76.4 114.6#
121 0.0 24.9 37.3#

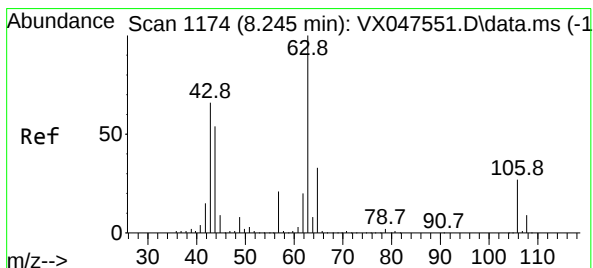
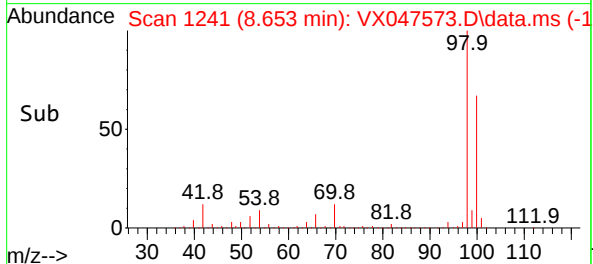
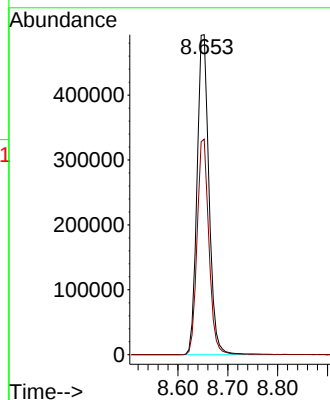
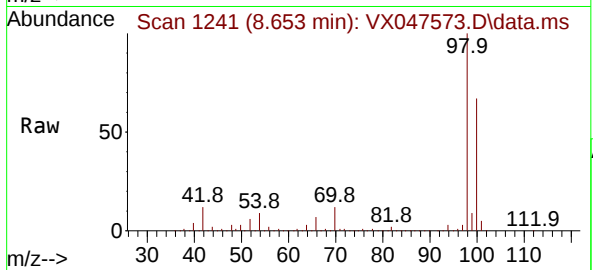




#50
Toluene-d8
Concen: 50.992 ug/l
RT: 8.653 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

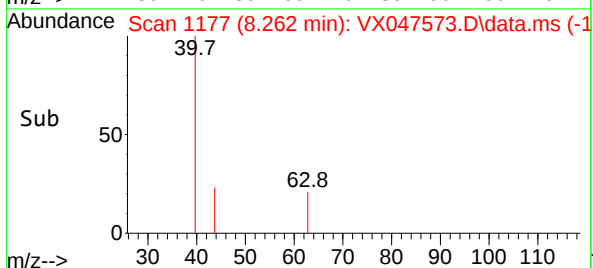
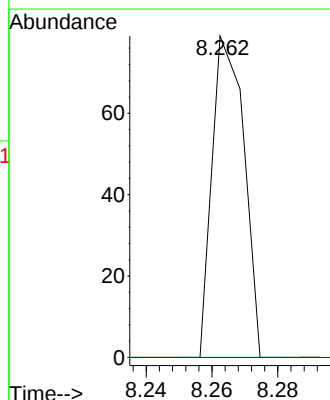
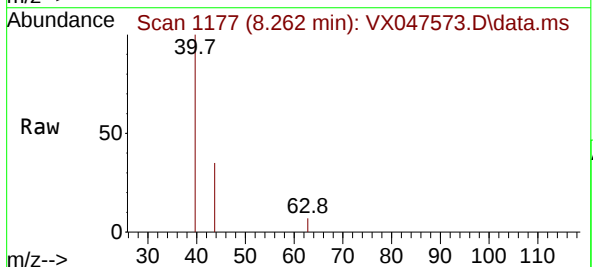
Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

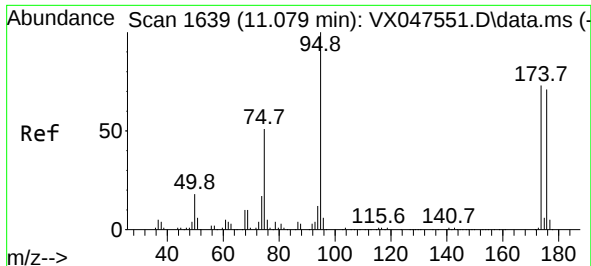
Tgt Ion: 98 Resp: 819224
Ion Ratio Lower Upper
98 100
100 66.4 53.5 80.3



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.262 min Scan# 1177
Delta R.T. 0.017 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

Tgt Ion: 63 Resp: 53
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.4#

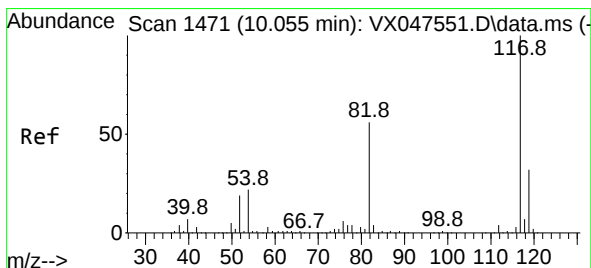
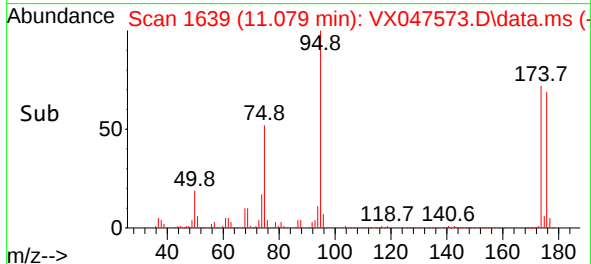
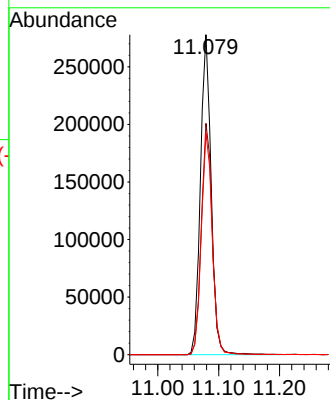
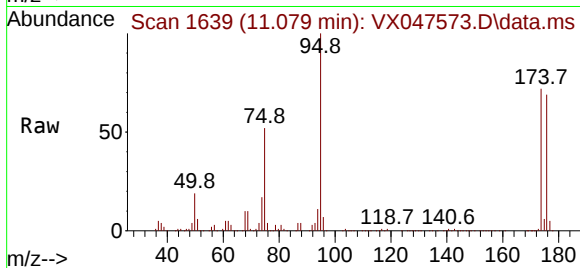




#62
4-Bromofluorobenzene
Concen: 56.130 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

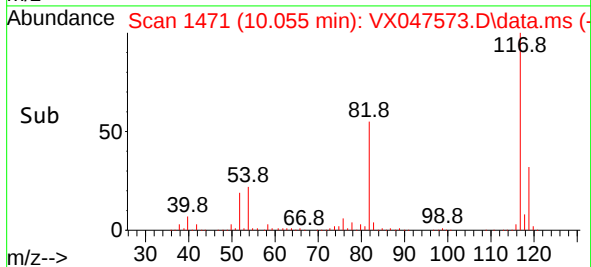
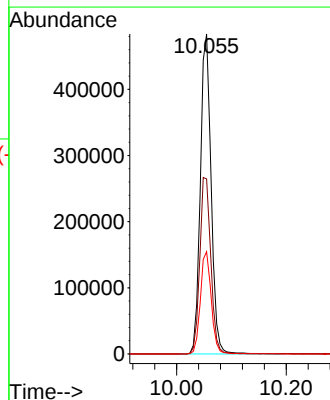
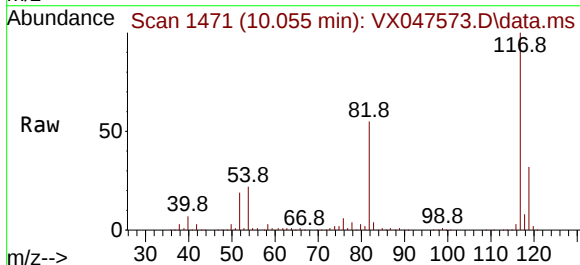
Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

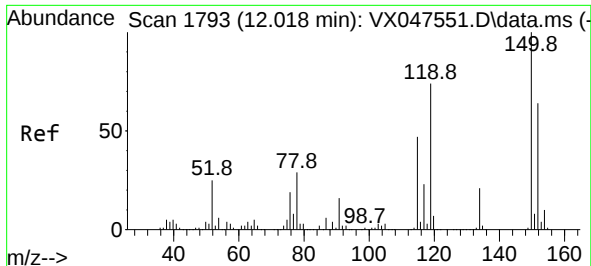
Tgt Ion: 95 Resp: 338775
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.2
176 71.1 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

Tgt Ion: 117 Resp: 660687
Ion Ratio Lower Upper
117 100
82 54.7 44.6 66.8
119 32.0 25.7 38.5

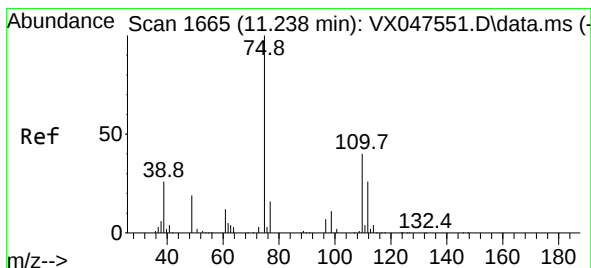
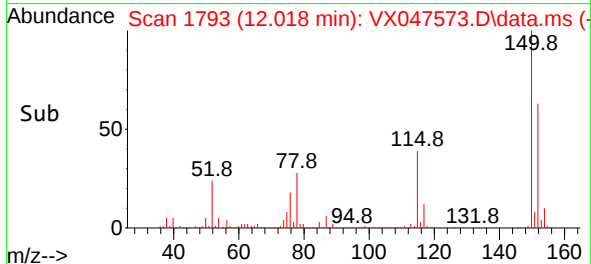
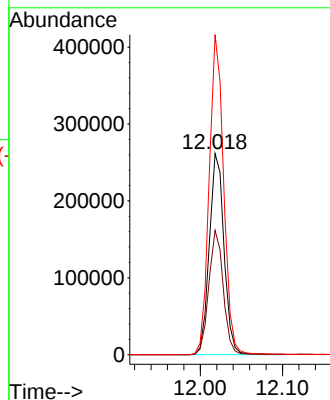
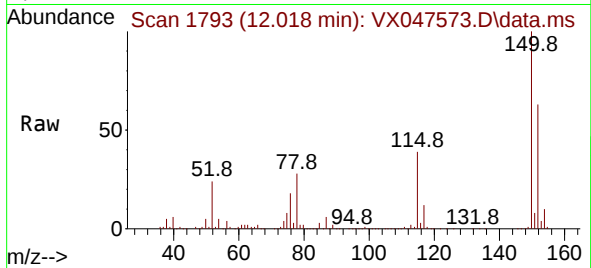




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047573.D
 Acq: 02 Sep 2025 10:43

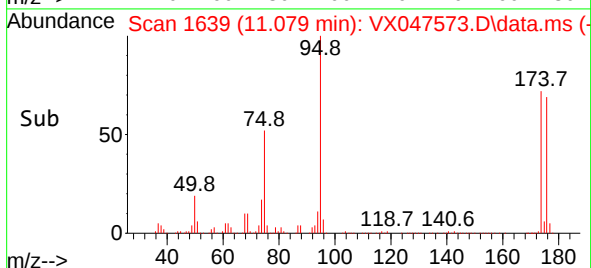
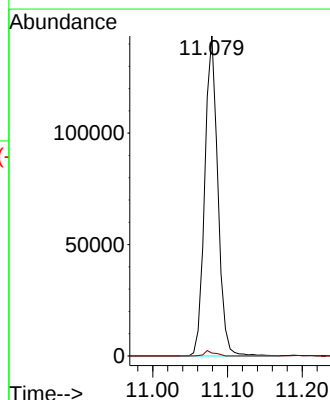
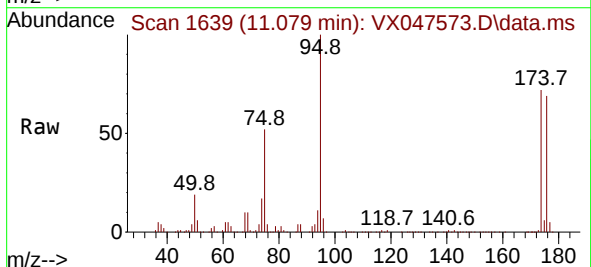
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0902WBL01

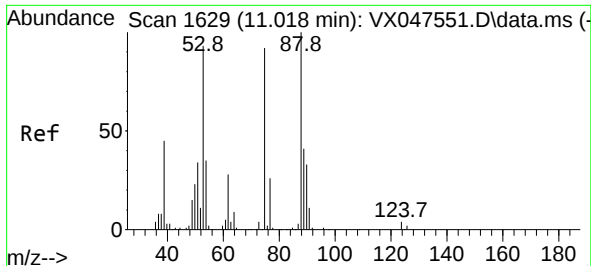
Tgt Ion:152 Resp: 325255
 Ion Ratio Lower Upper
 152 100
 115 61.2 42.9 128.5
 150 156.5 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 30.094 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX047573.D
 Acq: 02 Sep 2025 10:43

Tgt Ion: 75 Resp: 174694
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.7 59.1#

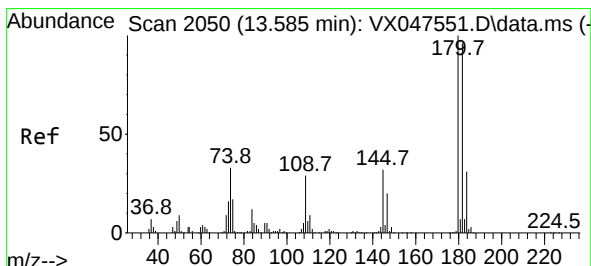
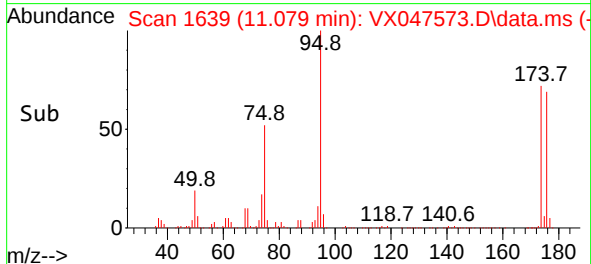
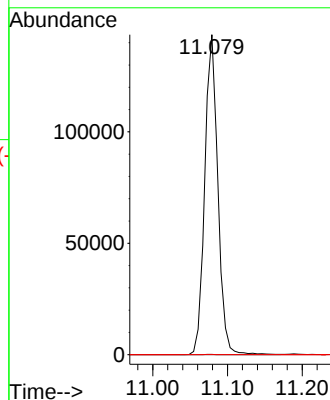
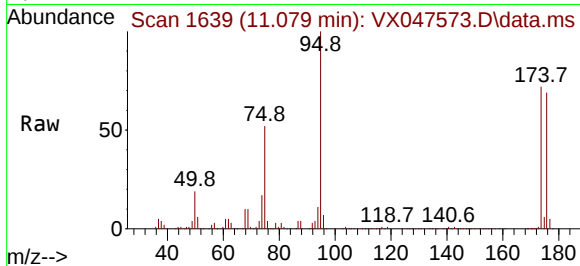




#81
trans-1,4-Dichloro-2-butene
Concen: 106.163 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

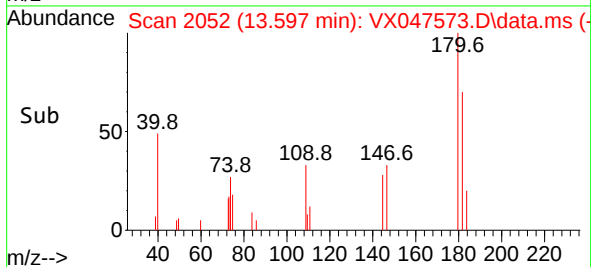
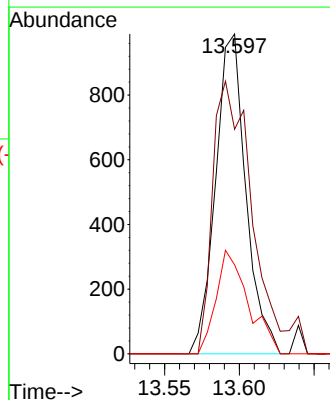
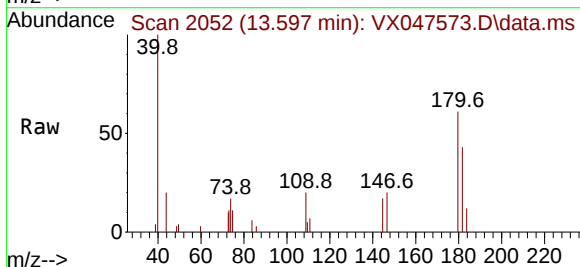
Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

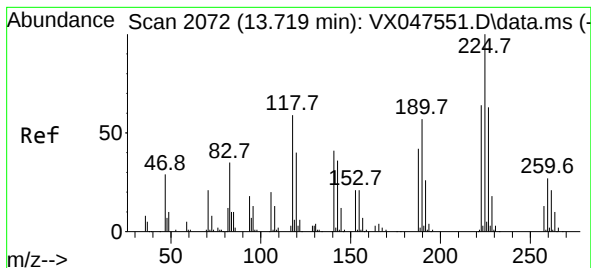
Tgt Ion: 75 Resp: 174694
Ion Ratio Lower Upper
75 100
53 0.1 85.7 128.5#
89 0.0 36.4 54.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.205 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

Tgt Ion:180 Resp: 1397
Ion Ratio Lower Upper
180 100
182 111.9 47.7 143.1
145 34.2 16.3 48.8





#94

Hexachlorobutadiene

Concen: 1.062 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX047573.D

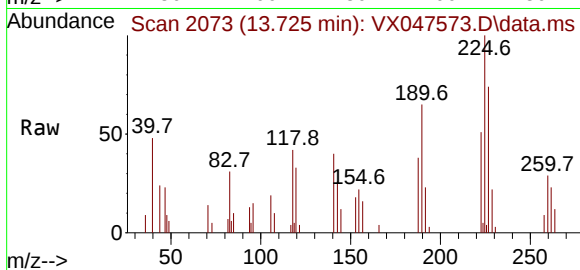
Acq: 02 Sep 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX0902WBL01



Tgt Ion:225 Resp: 2517

Ion Ratio Lower Upper

225 100

223 57.1 31.1 93.5

227 64.1 31.8 95.3

