

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044927.D
 Acq On : 12 Feb 2025 12:55
 Operator : JC/MD
 Sample : Q1347-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-TB-20250206

Quant Time: Feb 13 00:50:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

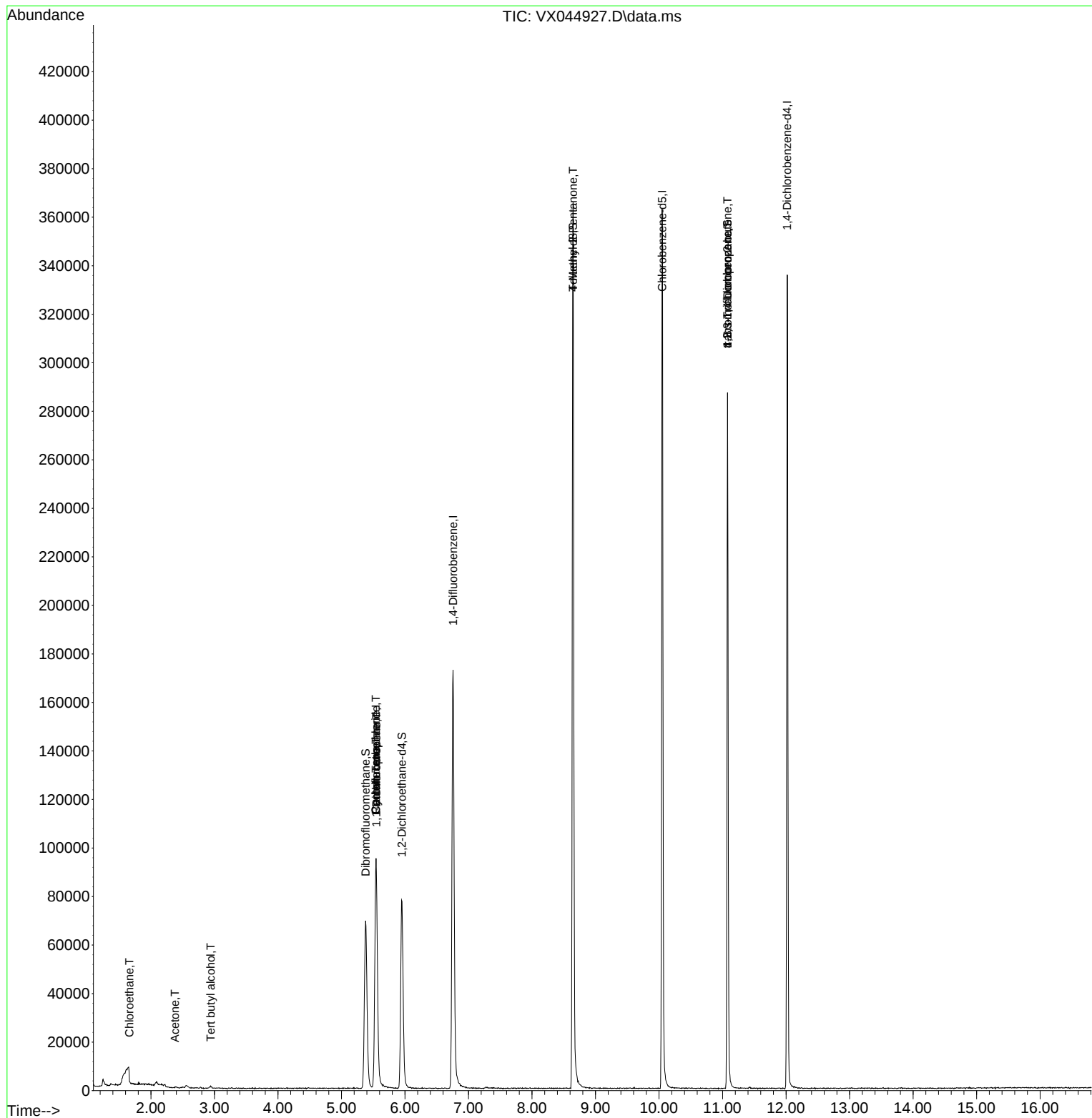
Internal Standards						
1) Pentafluorobenzene	5.544	168	89251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	183953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	163403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72351	55.379	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.760%	
35) Dibromofluoromethane	5.379	113	62701	52.426	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.860%	
50) Toluene-d8	8.647	98	224813	49.709	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.420%	
62) 4-Bromofluorobenzene	11.079	95	77420	50.779	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.560%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.660	64	95	1.474	ug/l #	42
11) Tert butyl alcohol	2.940	59	308	1.271	ug/l #	73
16) Acetone	2.380	43	532	1.013	ug/l #	73
31) Cyclohexane	5.544	56	2248	1.108	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7625	4.419	ug/l #	49
38) Carbon Tetrachloride	5.544	117	9946	5.882	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1079	0.573	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40128	26.508	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	40128	68.188	ug/l #	11

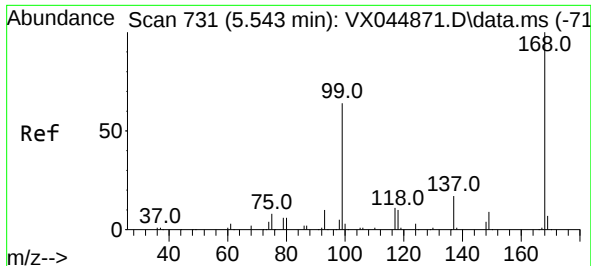
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-192-TB-20250206

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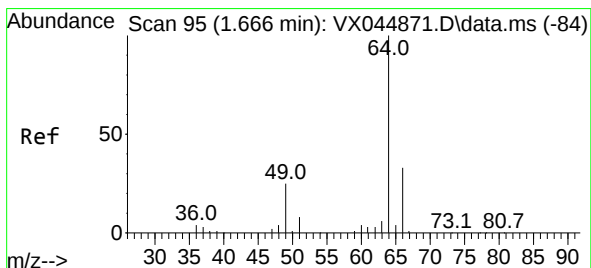
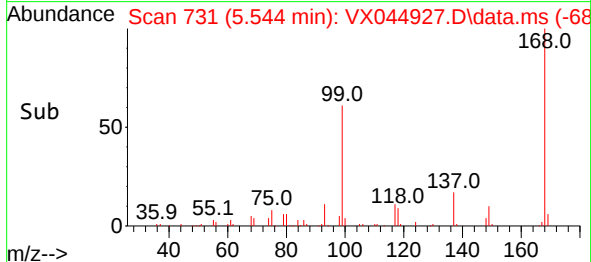
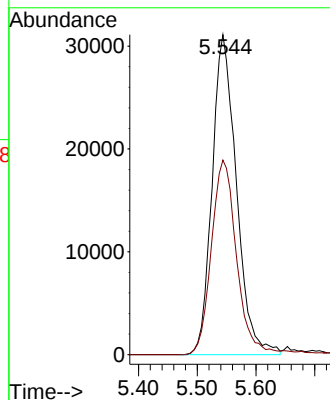
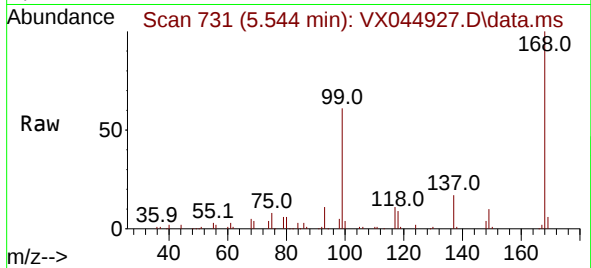




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044927.D
Acq: 12 Feb 2025 12:55

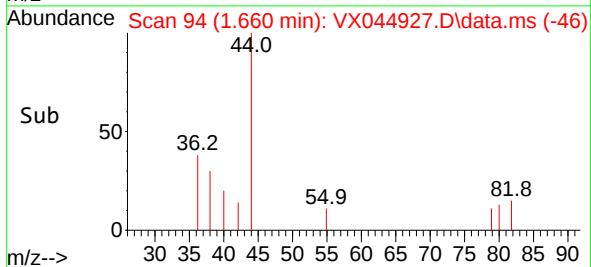
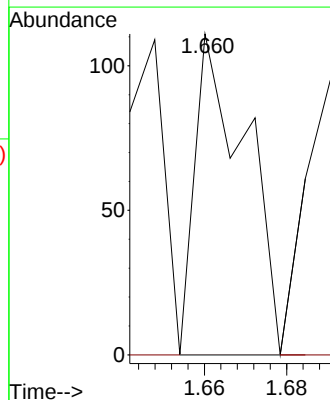
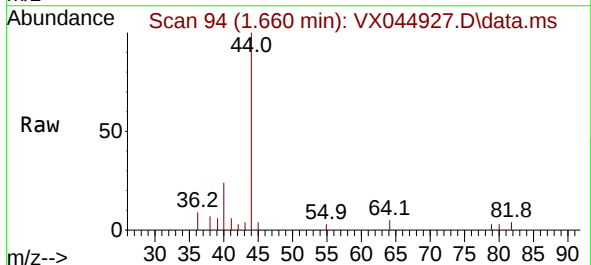
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250206

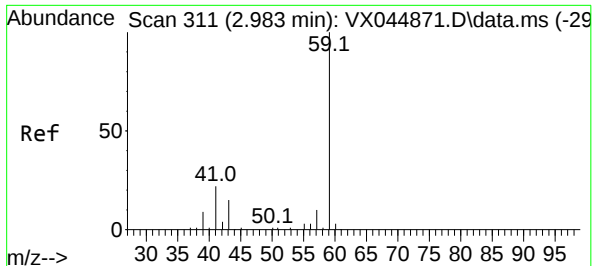
Tgt Ion:168 Resp: 89251
Ion Ratio Lower Upper
168 100
99 60.8 51.2 76.8



#6
Chloroethane
Concen: 1.474 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044927.D
Acq: 12 Feb 2025 12:55

Tgt Ion: 64 Resp: 95
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

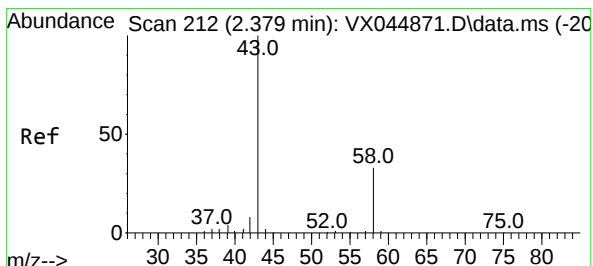
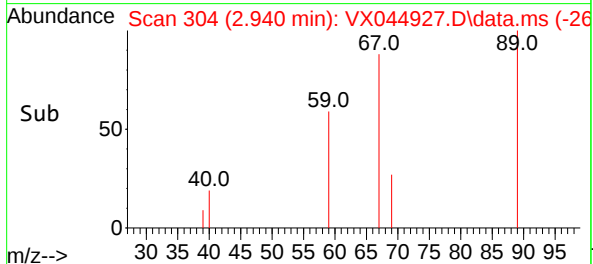
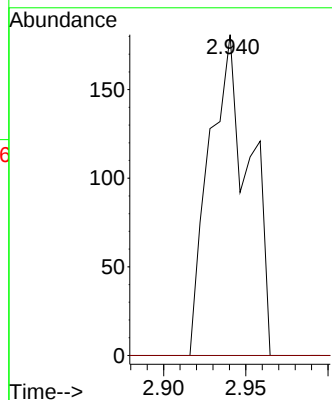
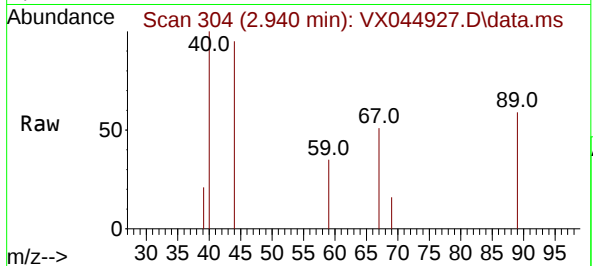




#11
Tert butyl alcohol
Concen: 1.271 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX044927.D
Acq: 12 Feb 2025 12:55

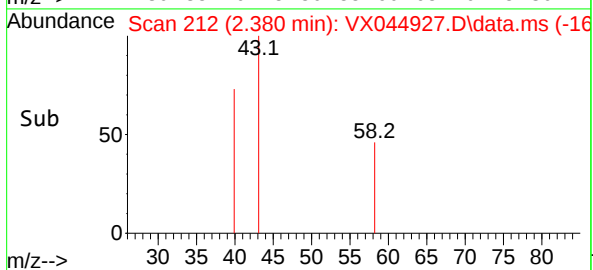
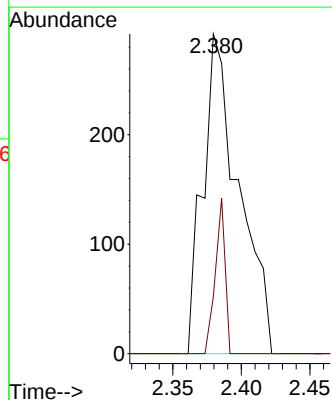
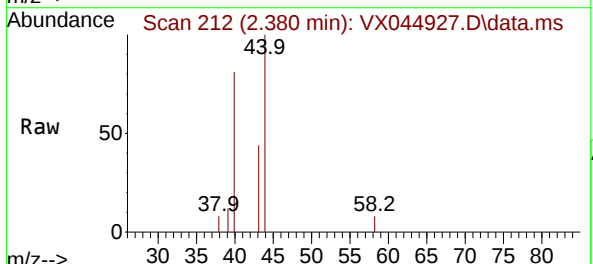
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ClientSampleId :
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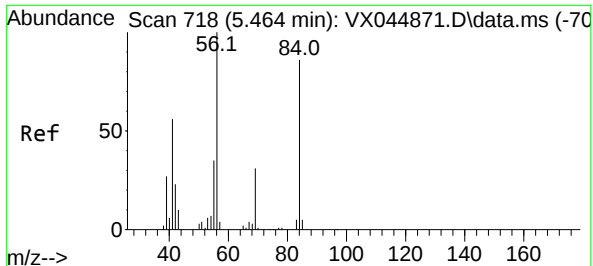
Tgt Ion: 59 Resp: 308
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 1.013 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044927.D
Acq: 12 Feb 2025 12:55

Tgt Ion: 43 Resp: 532
Ion Ratio Lower Upper
43 100
58 17.8 26.5 39.7#

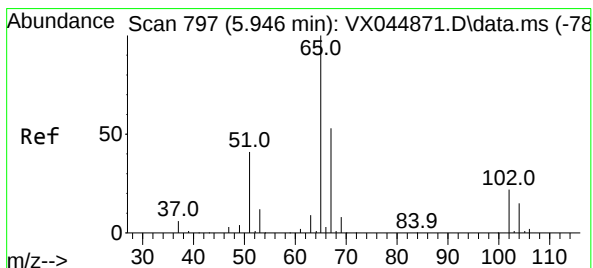
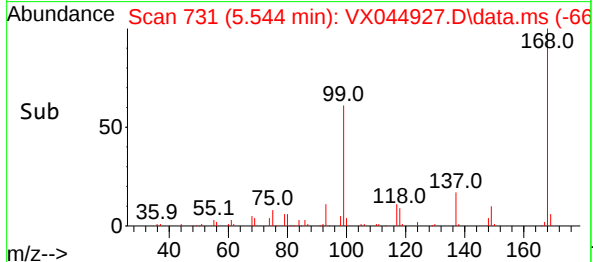
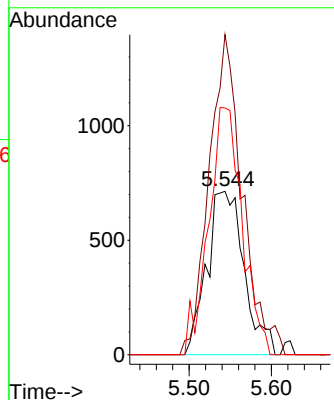
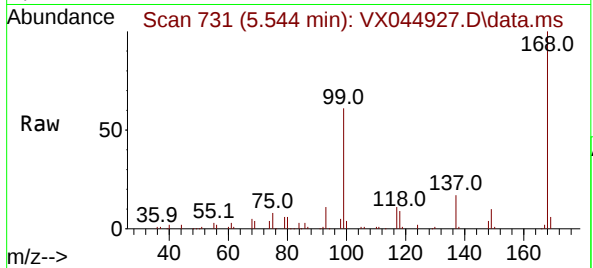




#31
Cyclohexane
Concen: 1.108 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX044927.D
Acq: 12 Feb 2025 12:55

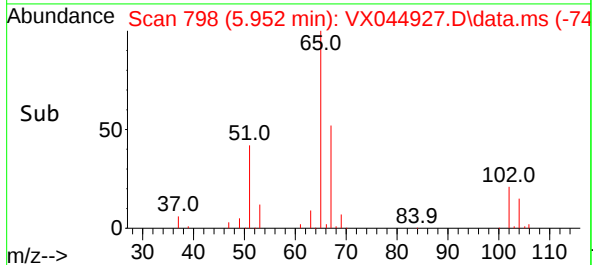
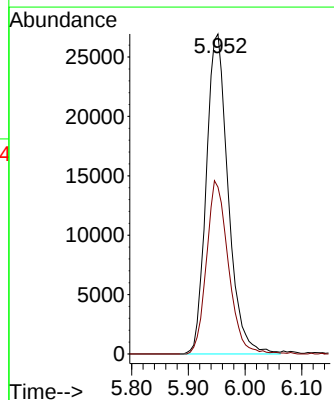
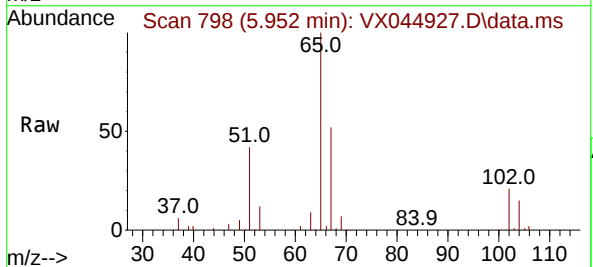
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250206

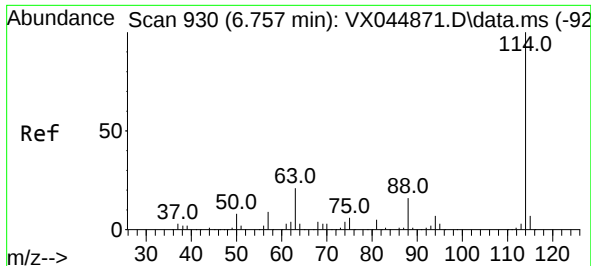
Tgt Ion: 56 Resp: 2248
Ion Ratio Lower Upper
56 100
69 195.8 24.4 36.6#
84 151.0 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 55.379 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044927.D
Acq: 12 Feb 2025 12:55

Tgt Ion: 65 Resp: 72351
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.2

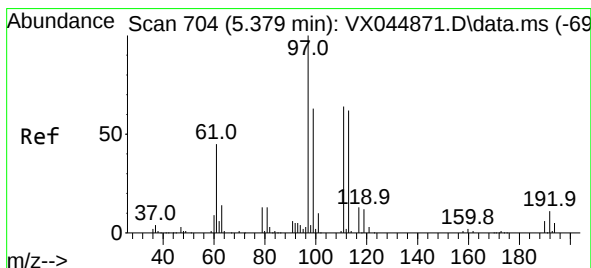
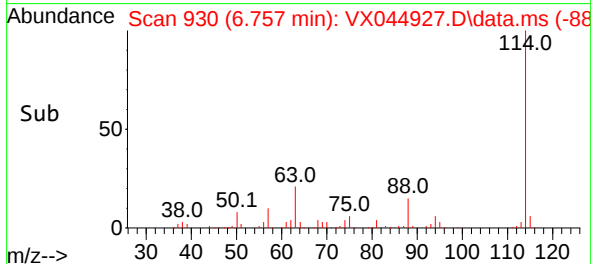
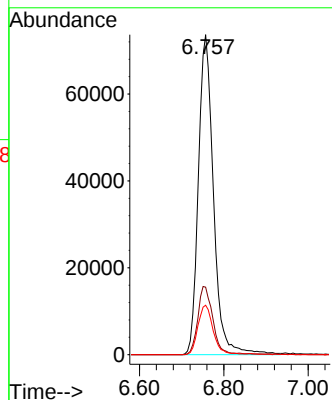
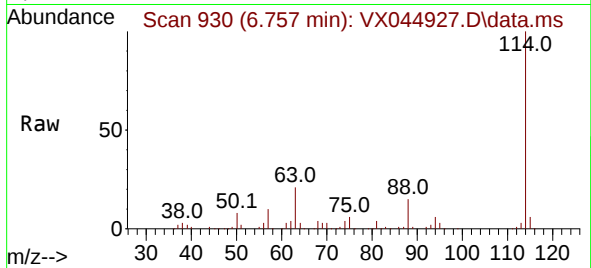




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044927.D
Acq: 12 Feb 2025 12:55

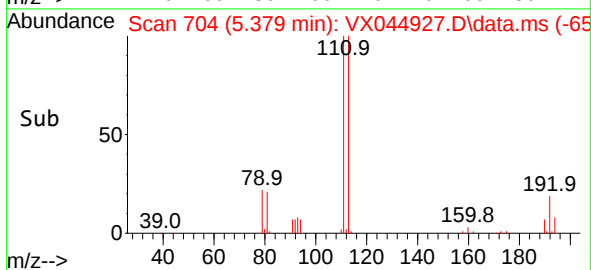
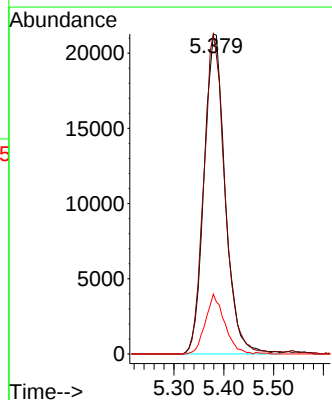
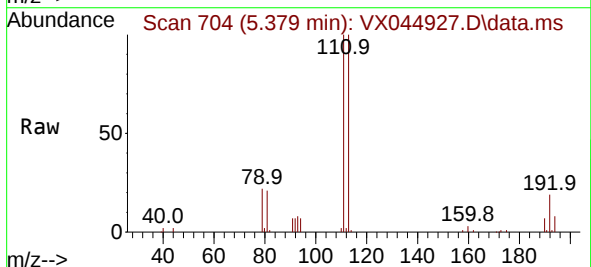
Instrument :
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ClientSampleId :
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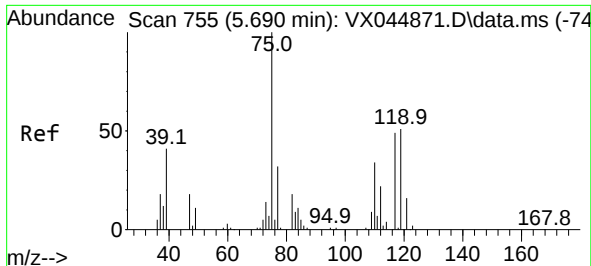
Tgt Ion:114 Resp: 183953
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 15.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.426 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044927.D
Acq: 12 Feb 2025 12:55

Tgt Ion:113 Resp: 62701
Ion Ratio Lower Upper
113 100
111 99.4 83.5 125.3
192 16.9 14.4 21.6

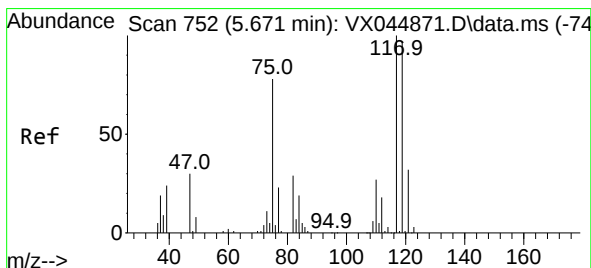
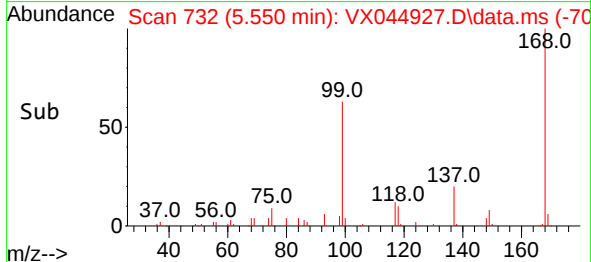
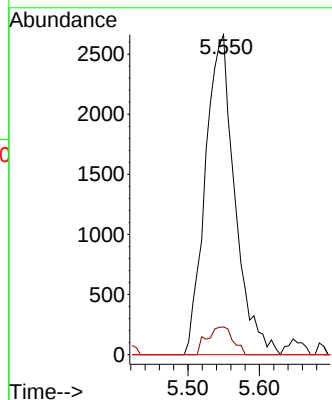
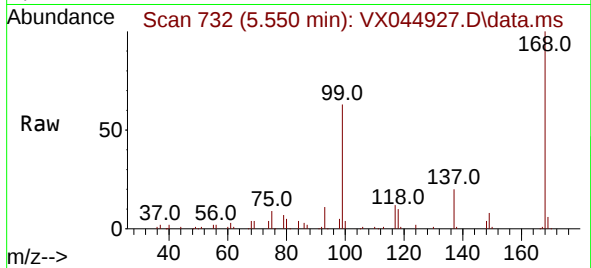




#36
1,1-Dichloropropene
Concen: 4.419 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX044927.D
Acq: 12 Feb 2025 12:55

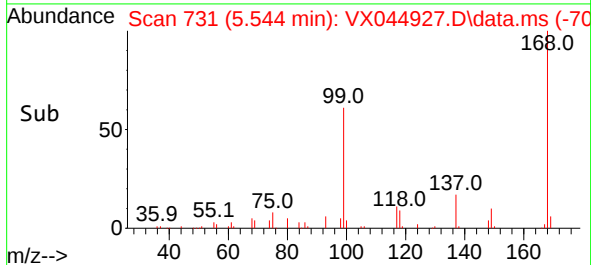
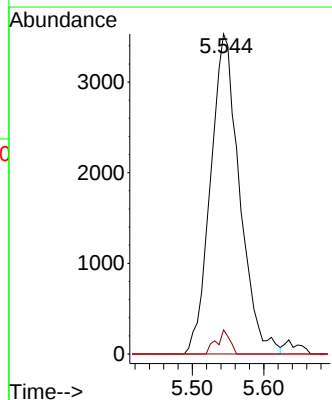
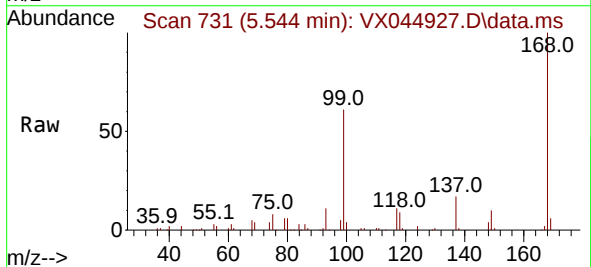
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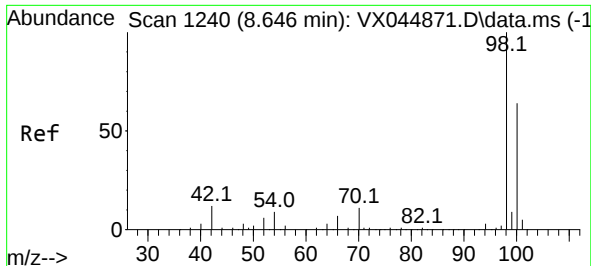
Tgt Ion: 75 Resp: 7625
Ion Ratio Lower Upper
75 100
110 7.6 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.882 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044927.D
Acq: 12 Feb 2025 12:55

Tgt Ion: 117 Resp: 9946
Ion Ratio Lower Upper
117 100
119 7.5 77.5 116.3#
121 0.0 25.6 38.4#

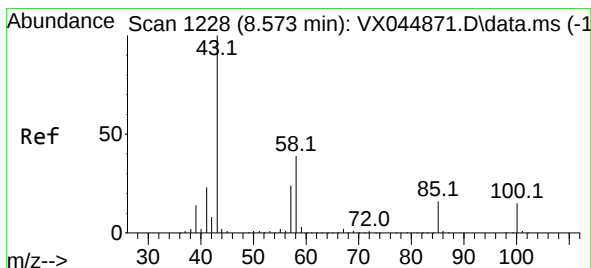
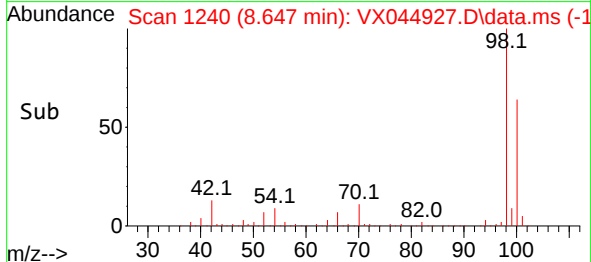
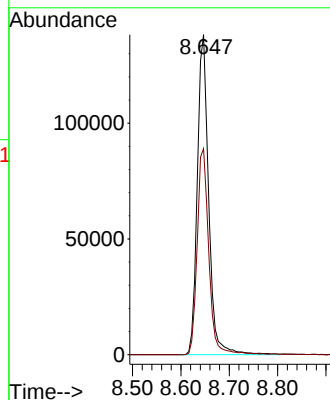
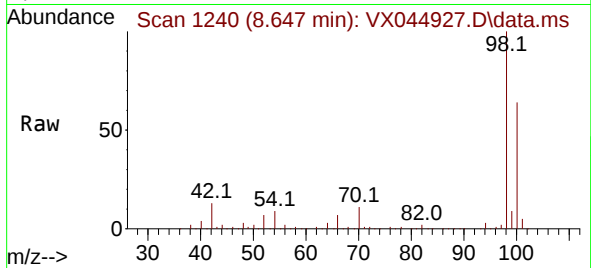




#50
Toluene-d8
Concen: 49.709 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044927.D
Acq: 12 Feb 2025 12:55

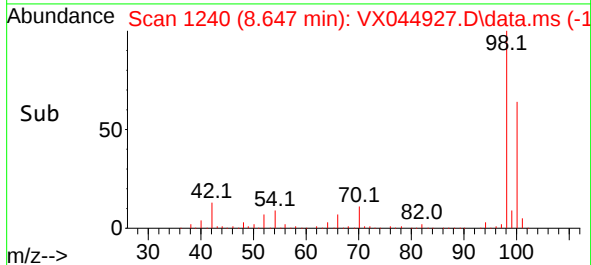
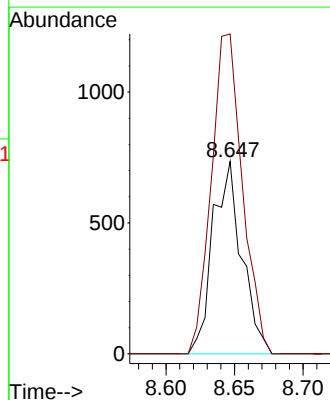
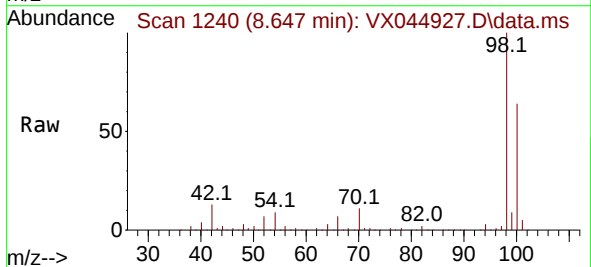
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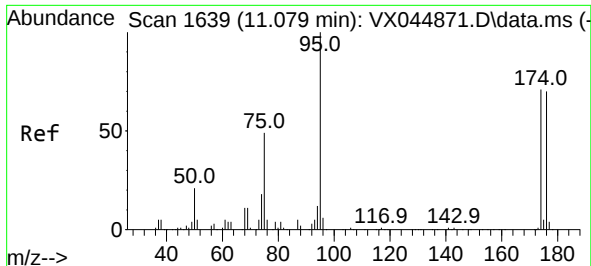
Tgt Ion: 98 Resp: 224813
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.573 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044927.D
Acq: 12 Feb 2025 12:55

Tgt Ion: 43 Resp: 1079
Ion Ratio Lower Upper
43 100
58 179.0 30.8 46.2#

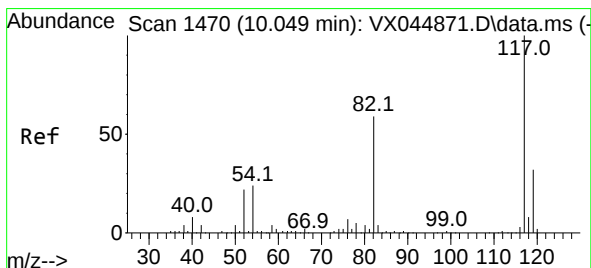
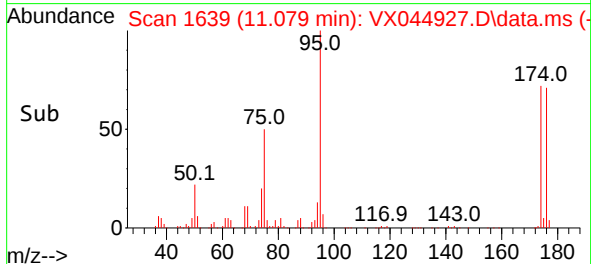
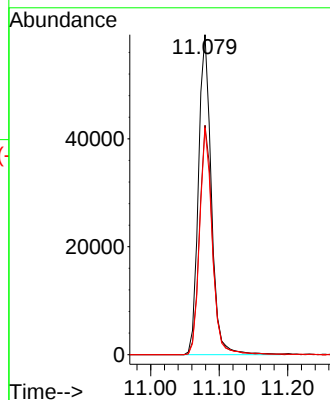
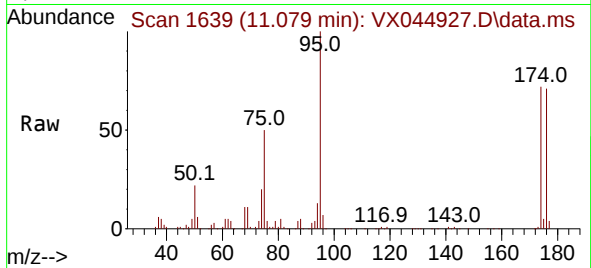




#62
4-Bromofluorobenzene
Concen: 50.779 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044927.D
Acq: 12 Feb 2025 12:55

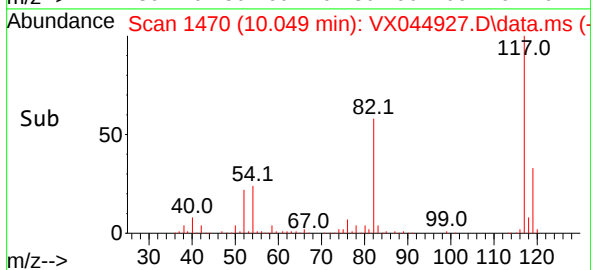
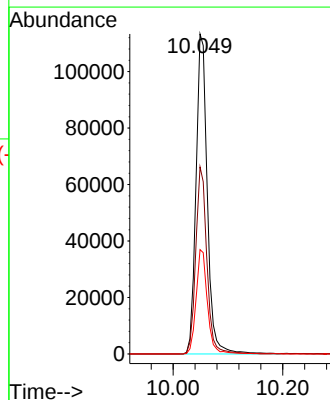
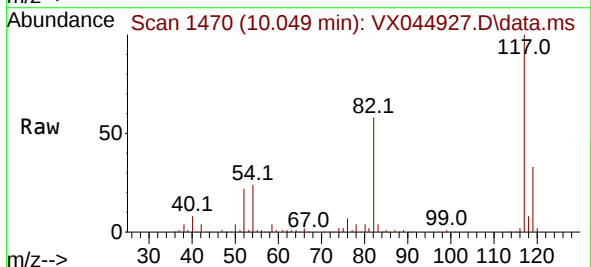
Instrument :
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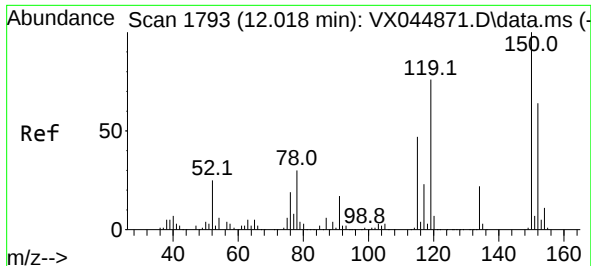
Tgt Ion: 95 Resp: 77420
Ion Ratio Lower Upper
95 100
174 72.2 0.0 142.6
176 69.5 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044927.D
Acq: 12 Feb 2025 12:55

Tgt Ion: 117 Resp: 163403
Ion Ratio Lower Upper
117 100
82 58.5 47.5 71.3
119 32.6 25.4 38.0

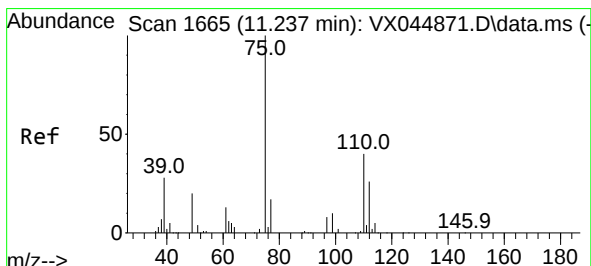
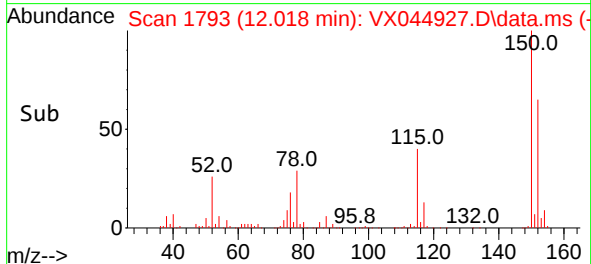
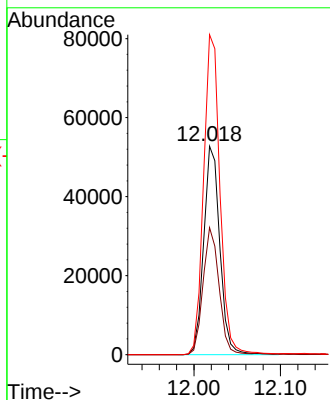
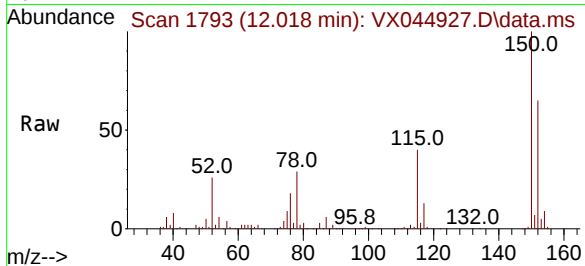




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044927.D
 Acq: 12 Feb 2025 12:55

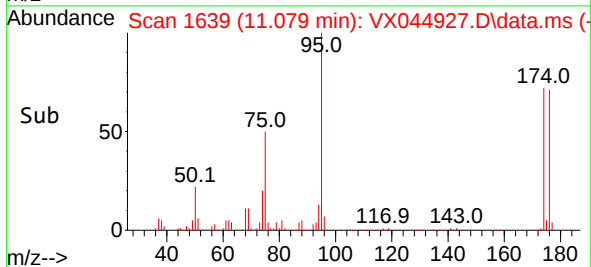
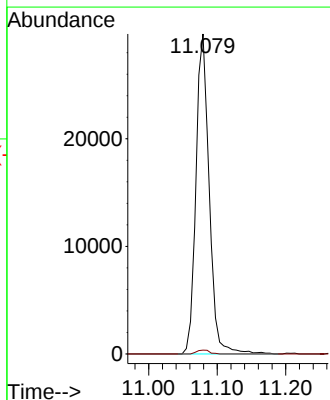
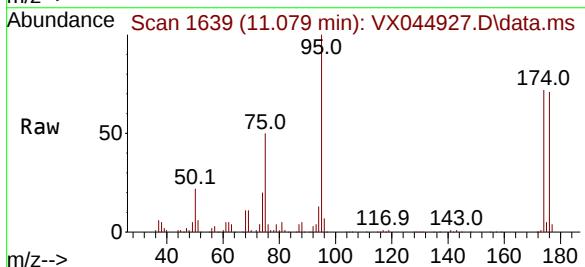
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-TB-20250206

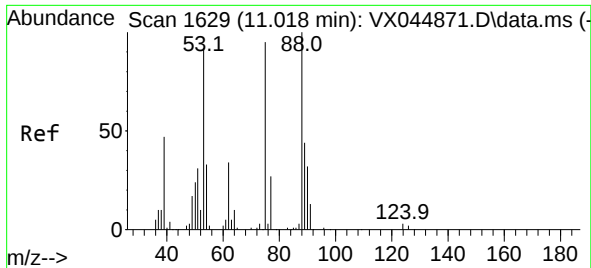
Tgt Ion:152 Resp: 68278
 Ion Ratio Lower Upper
 152 100
 115 61.1 43.4 130.1
 150 156.0 0.0 350.4



#76
 1,2,3-Trichloropropane
 Concen: 26.508 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX044927.D
 Acq: 12 Feb 2025 12:55

Tgt Ion: 75 Resp: 40128
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.9 65.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.188 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044927.D
Acq: 12 Feb 2025 12:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250206

Tgt Ion: 75 Resp: 40128
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 36.6 54.8#

