

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045444.D
 Acq On : 25 Mar 2025 16:46
 Operator : JC/MD
 Sample : Q1629-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB03-20250321

Quant Time: Mar 26 01:41:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

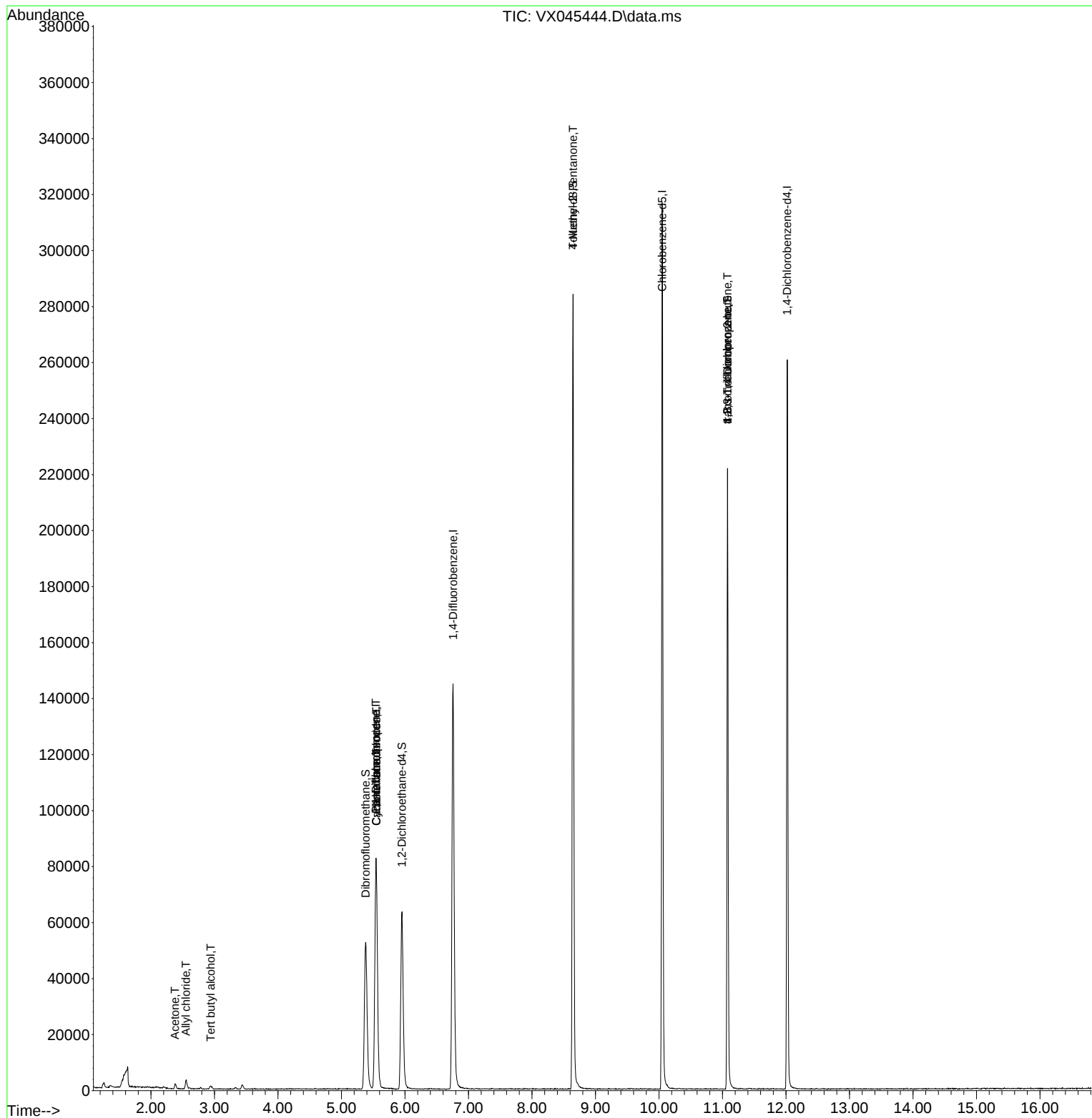
Internal Standards						
1) Pentafluorobenzene	5.544	168	71073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62649	55.416	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.840%
35) Dibromofluoromethane	5.379	113	46667	49.465	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.940%
50) Toluene-d8	8.647	98	163786	47.887	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.780%
62) 4-Bromofluorobenzene	11.079	95	56202	49.588	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	665	3.105	ug/l #	73
14) Allyl chloride	2.550	41	477	0.307	ug/l #	67
16) Acetone	2.380	43	2084	3.973	ug/l	98
31) Cyclohexane	5.550	56	2156	1.402	ug/l #	33
36) 1,1-Dichloropropene	5.544	75	7003	5.413	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8373	6.374	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	885	0.535	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32372	28.297	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32372	96.839	ug/l #	6

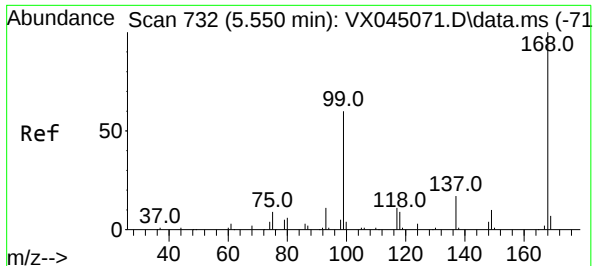
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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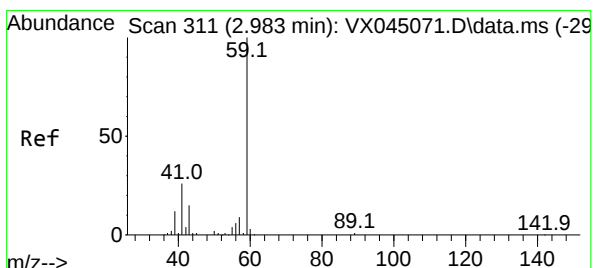
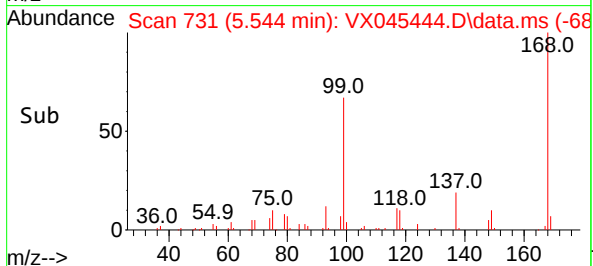
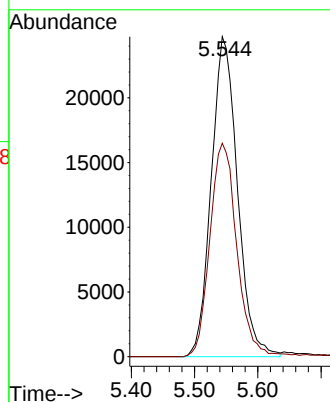
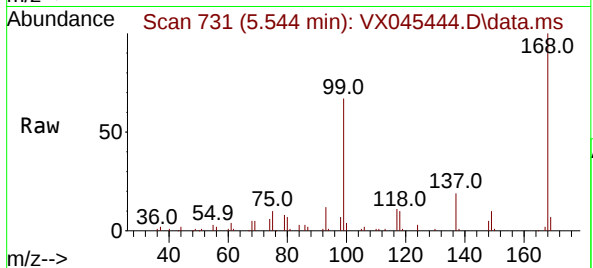




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045444.D
Acq: 25 Mar 2025 16:46

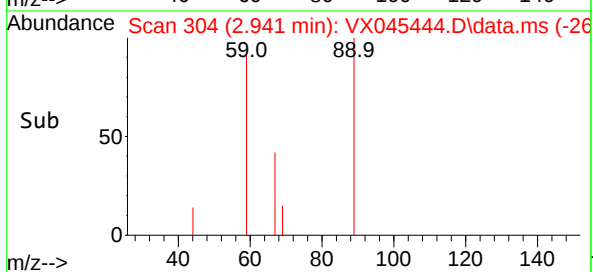
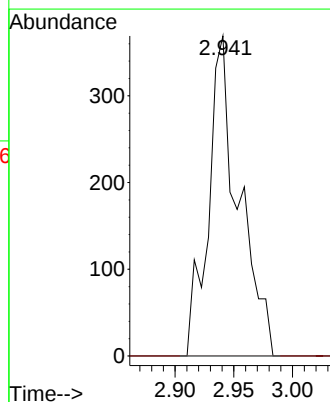
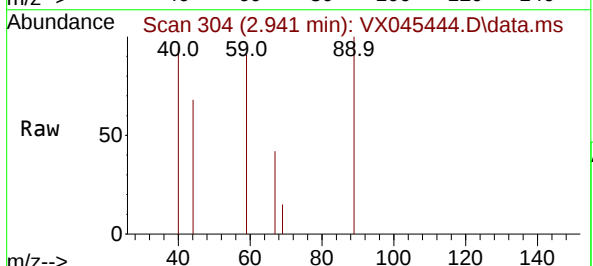
Instrument :
MSVOA_X
ClientSampleId :
FB03-20250321

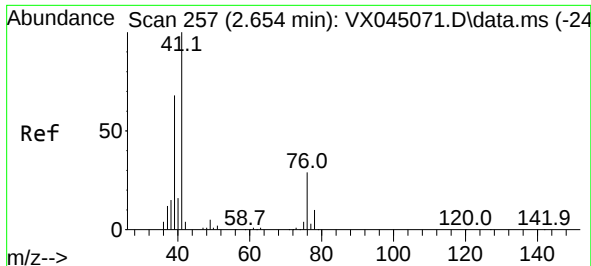
Tgt Ion:168 Resp: 71073
Ion Ratio Lower Upper
168 100
99 66.7 48.2 72.4



#11
Tert butyl alcohol
Concen: 3.105 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045444.D
Acq: 25 Mar 2025 16:46

Tgt Ion: 59 Resp: 665
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

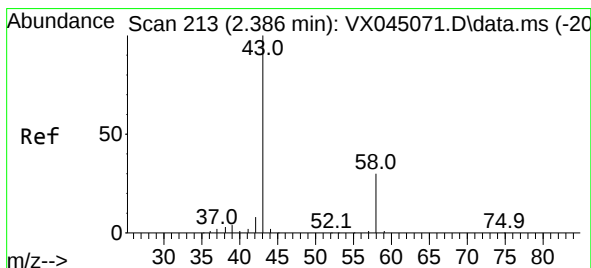
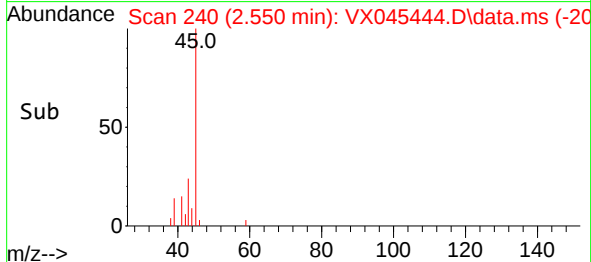
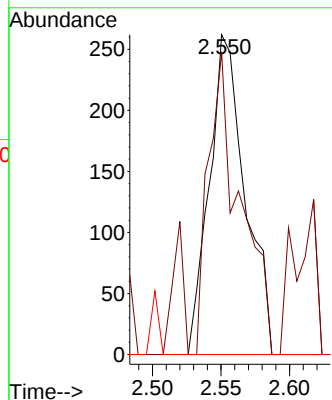
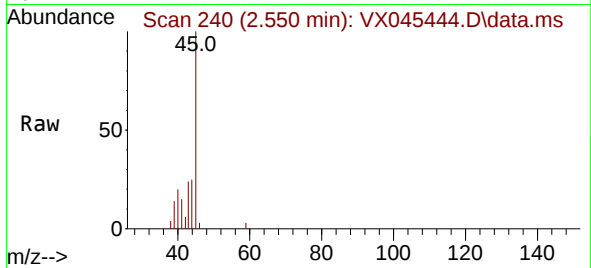




#14
 Allyl chloride
 Concen: 0.307 ug/l
 RT: 2.550 min Scan# 24
 Delta R.T. -0.104 min
 Lab File: VX045444.D
 Acq: 25 Mar 2025 16:46

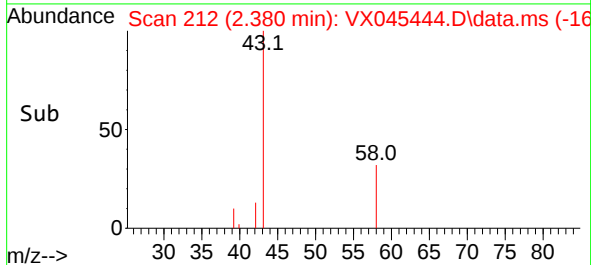
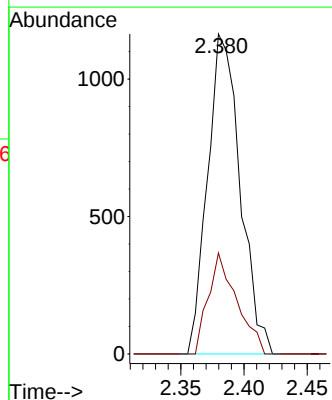
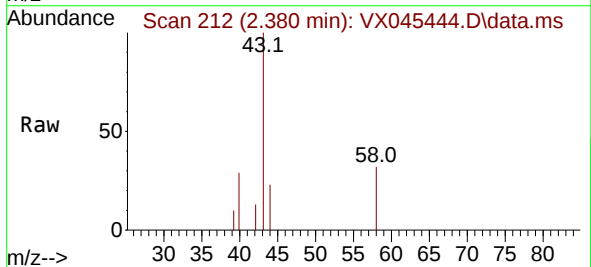
Instrument :
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 ClientSampleId :
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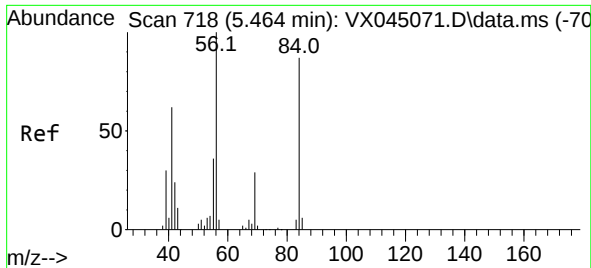
Tgt Ion: 41 Resp: 477
 Ion Ratio Lower Upper
 41 100
 39 84.5 53.8 80.8#
 76 0.0 25.2 37.8#



#16
 Acetone
 Concen: 3.973 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VX045444.D
 Acq: 25 Mar 2025 16:46

Tgt Ion: 43 Resp: 2084
 Ion Ratio Lower Upper
 43 100
 58 31.5 24.2 36.4

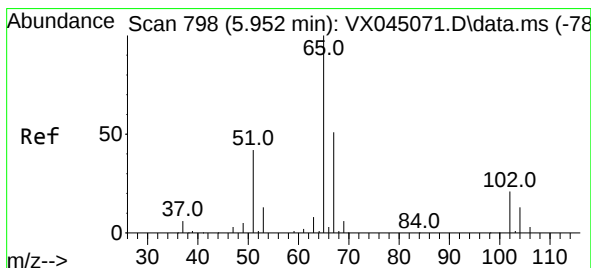
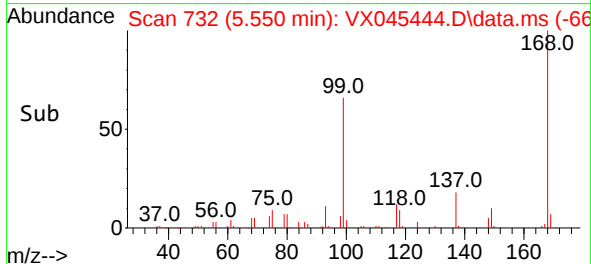
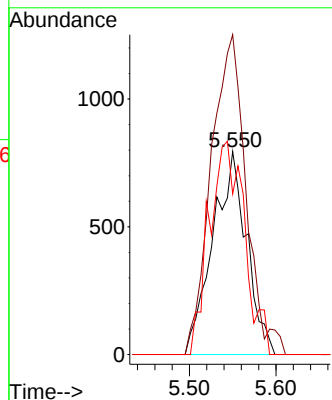
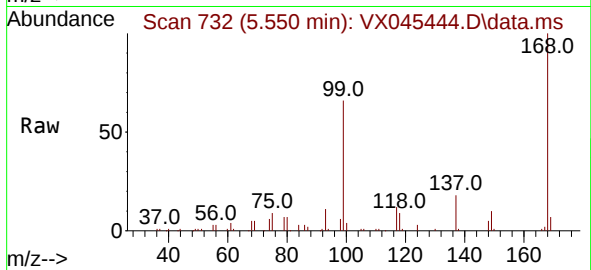




#31
Cyclohexane
Concen: 1.402 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045444.D
Acq: 25 Mar 2025 16:46

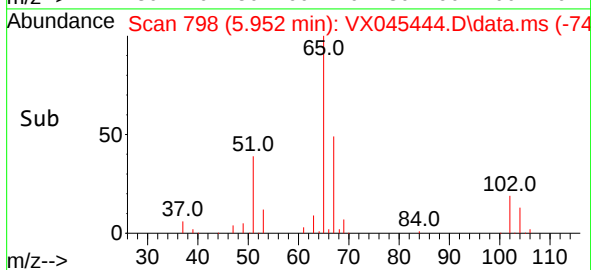
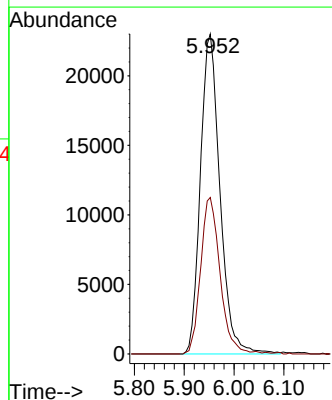
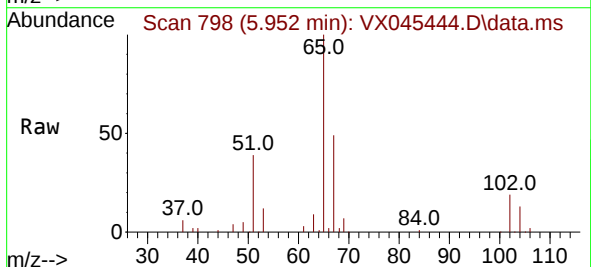
Instrument :
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ClientSampleId :
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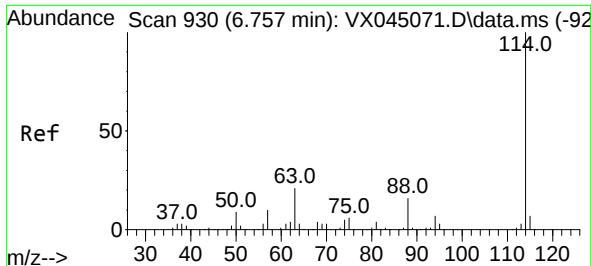
Tgt Ion: 56 Resp: 2156
Ion Ratio Lower Upper
56 100
69 157.5 23.4 35.2#
84 79.1 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 55.416 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045444.D
Acq: 25 Mar 2025 16:46

Tgt Ion: 65 Resp: 62649
Ion Ratio Lower Upper
65 100
67 48.7 0.0 106.2

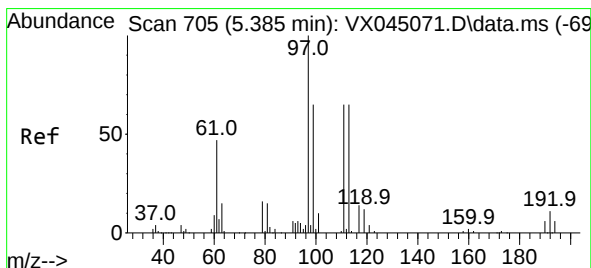
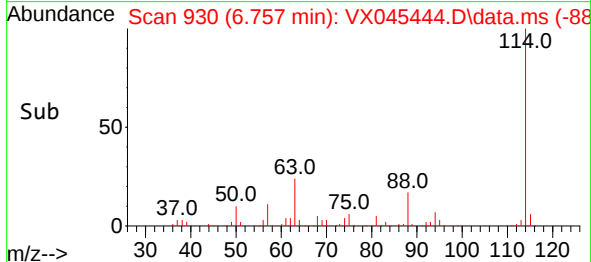
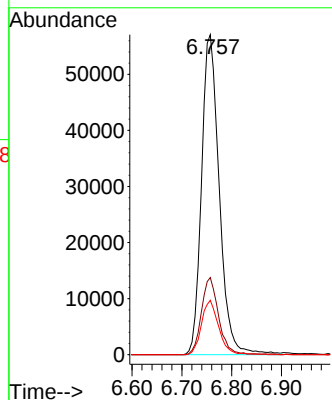
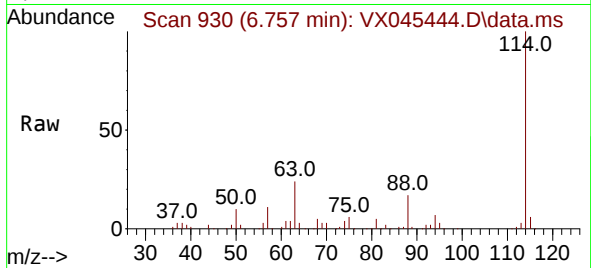




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045444.D
Acq: 25 Mar 2025 16:46

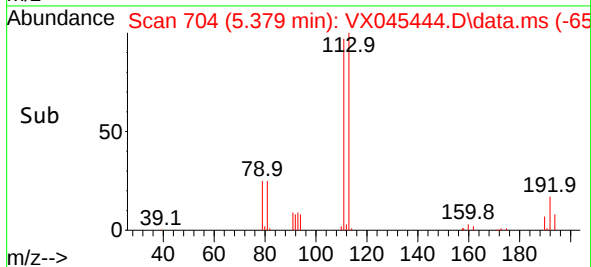
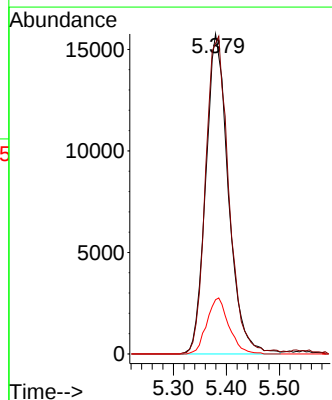
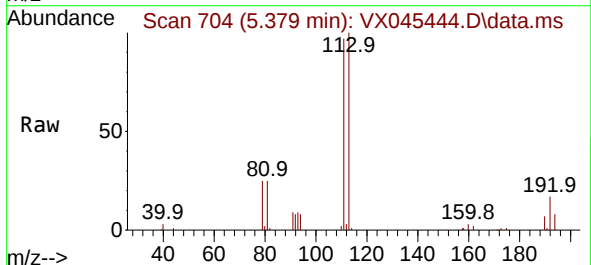
Instrument :
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ClientSampleId :
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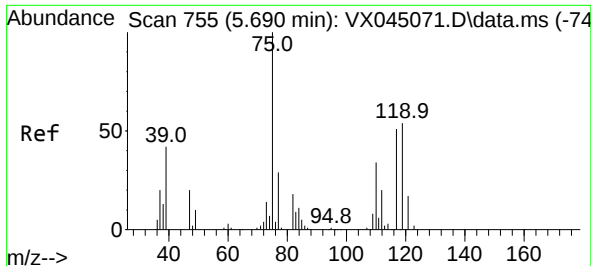
Tgt Ion:114 Resp: 141090
Ion Ratio Lower Upper
114 100
63 24.1 0.0 41.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.465 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045444.D
Acq: 25 Mar 2025 16:46

Tgt Ion:113 Resp: 46667
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.6
192 17.1 14.3 21.5

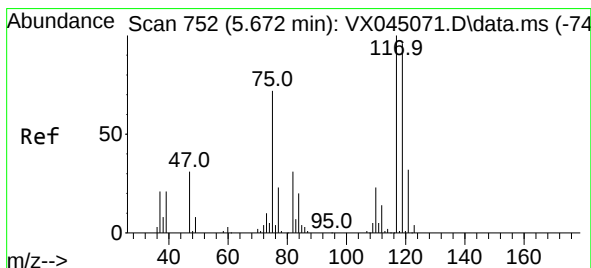
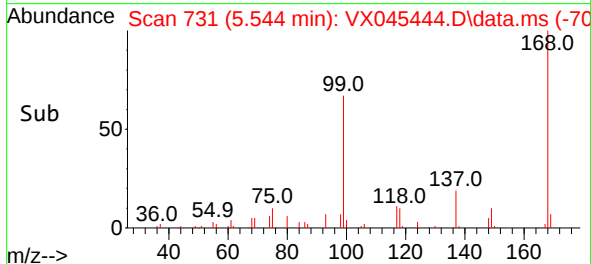
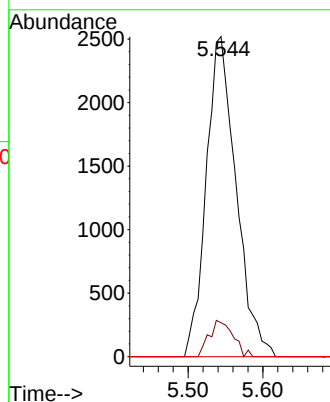
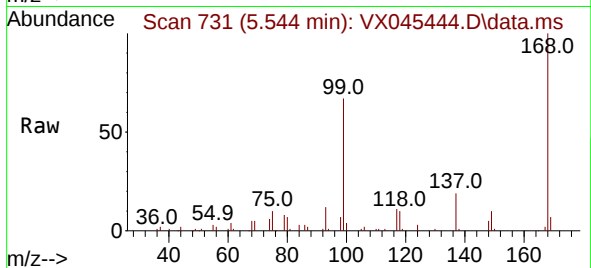




#36
1,1-Dichloropropene
Concen: 5.413 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX045444.D
Acq: 25 Mar 2025 16:46

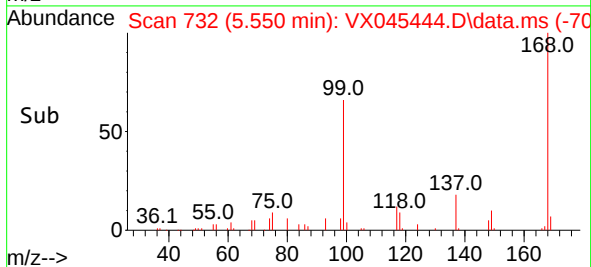
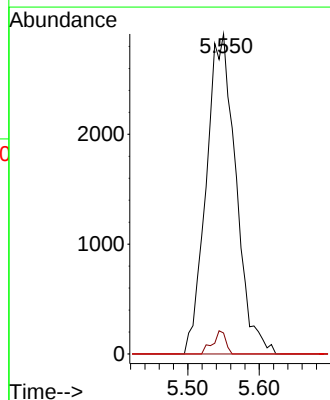
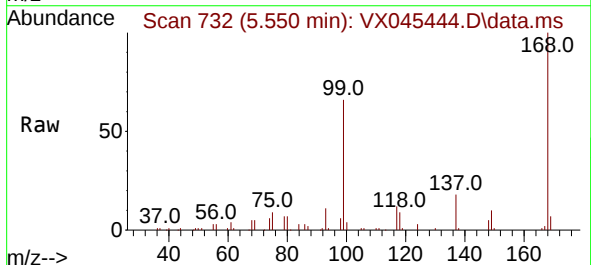
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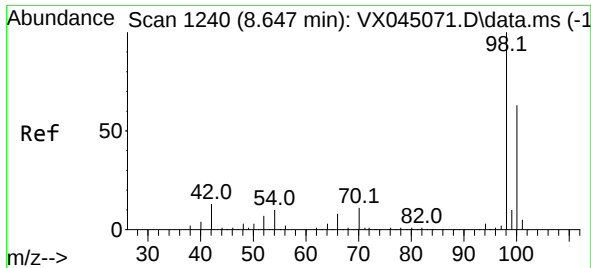
Tgt Ion: 75 Resp: 7003
Ion Ratio Lower Upper
75 100
110 9.0 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.374 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045444.D
Acq: 25 Mar 2025 16:46

Tgt Ion: 117 Resp: 8373
Ion Ratio Lower Upper
117 100
119 6.6 76.7 115.1#
121 0.0 25.5 38.3#

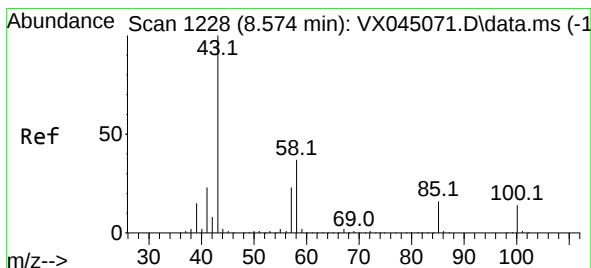
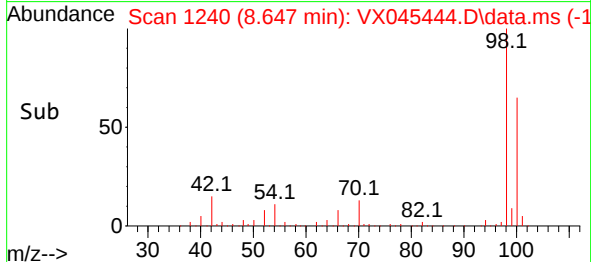
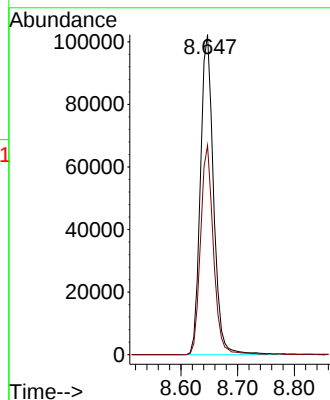
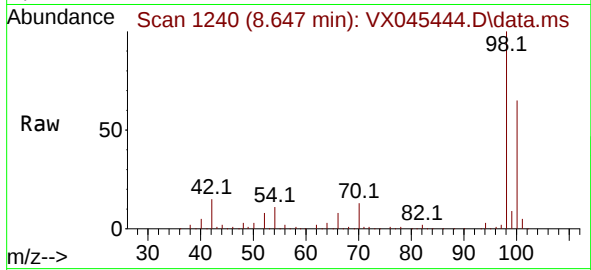




#50
Toluene-d8
Concen: 47.887 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045444.D
Acq: 25 Mar 2025 16:46

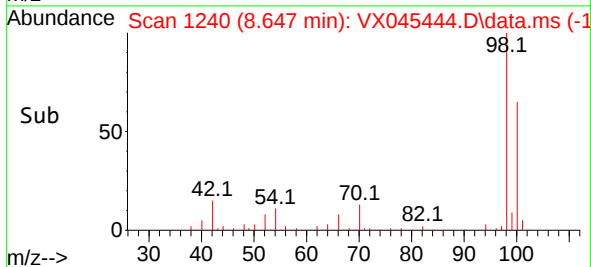
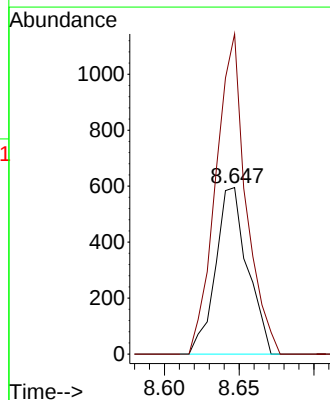
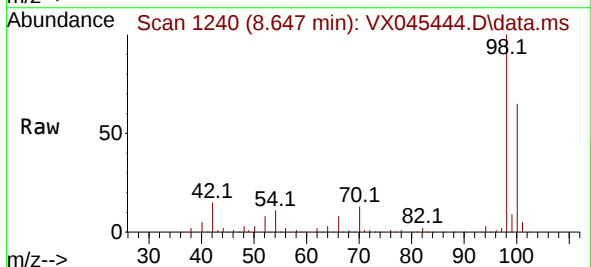
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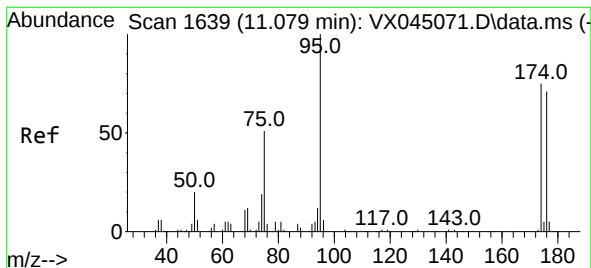
Tgt Ion: 98 Resp: 163786
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.535 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045444.D
Acq: 25 Mar 2025 16:46

Tgt Ion: 43 Resp: 885
Ion Ratio Lower Upper
43 100
58 182.0 29.2 43.8#

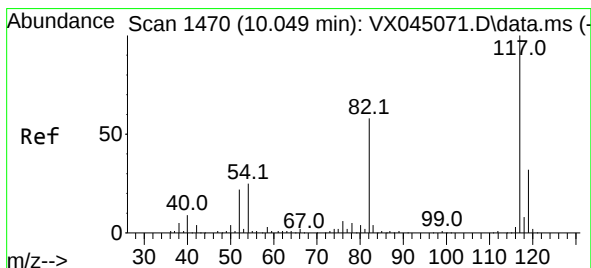
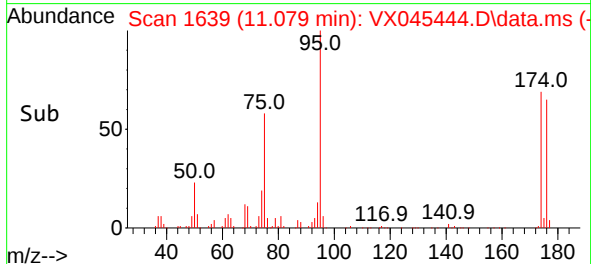
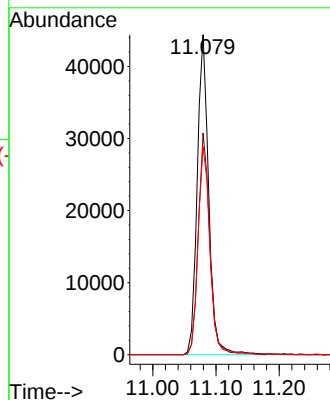
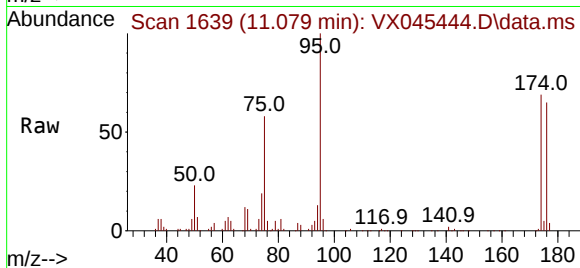




#62
4-Bromofluorobenzene
Concen: 49.588 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045444.D
Acq: 25 Mar 2025 16:46

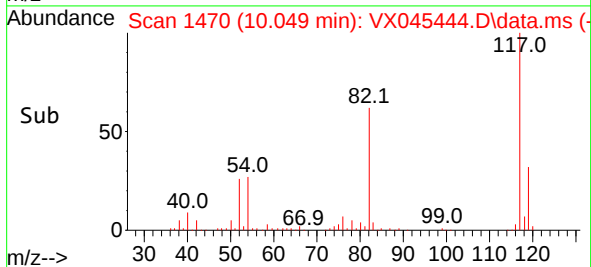
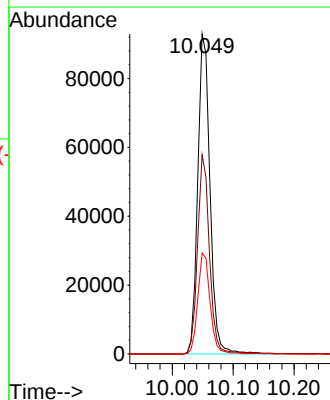
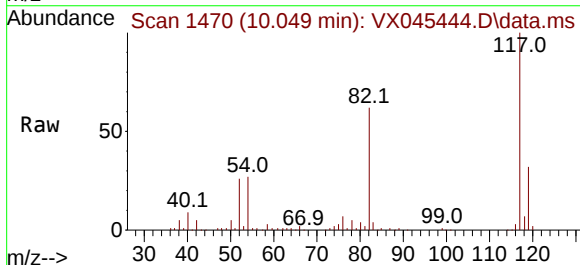
Instrument :
MSVOA_X
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FB03-20250321

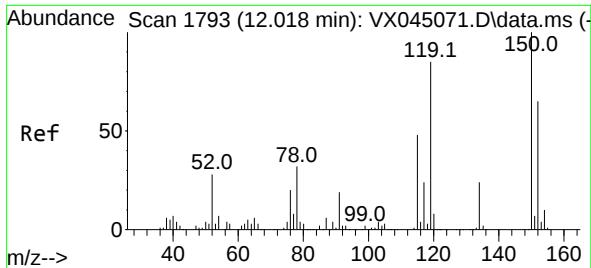
Tgt Ion: 95 Resp: 56202
Ion Ratio Lower Upper
95 100
174 69.6 0.0 148.2
176 67.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045444.D
Acq: 25 Mar 2025 16:46

Tgt Ion: 117 Resp: 129742
Ion Ratio Lower Upper
117 100
82 62.2 46.3 69.5
119 31.6 25.7 38.5

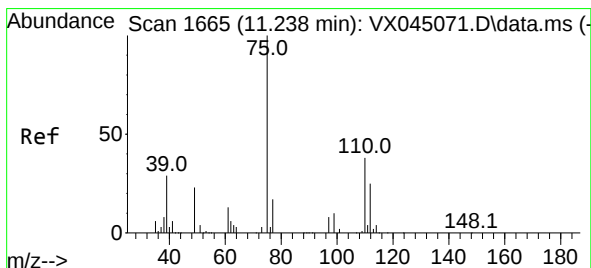
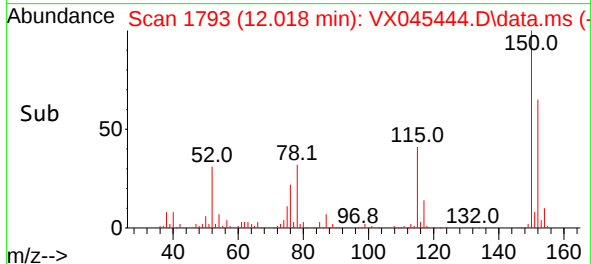
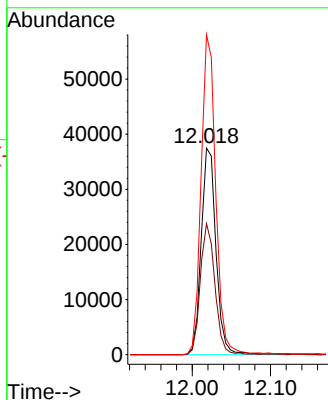
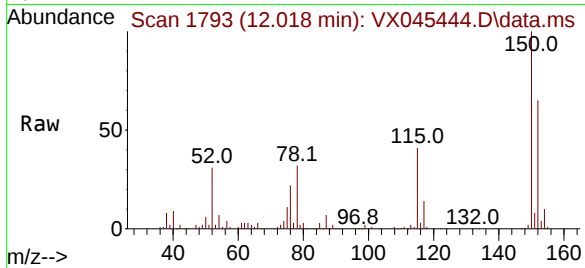




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045444.D
Acq: 25 Mar 2025 16:46

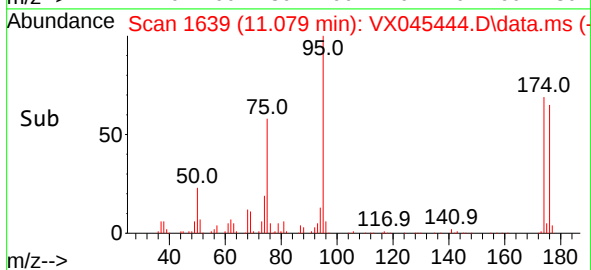
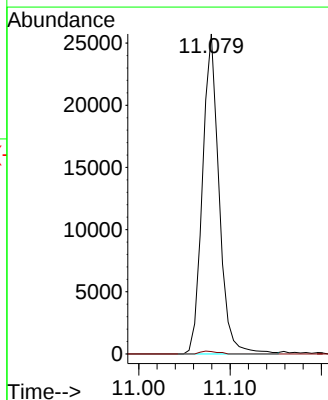
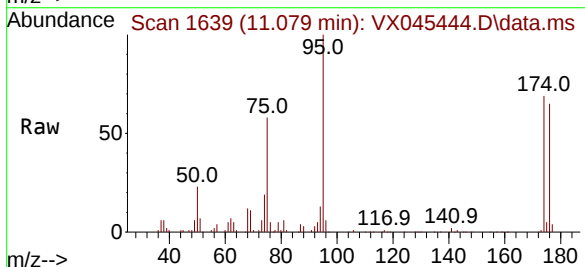
Instrument :
MSVOA_X
ClientSampleId :
FB03-20250321

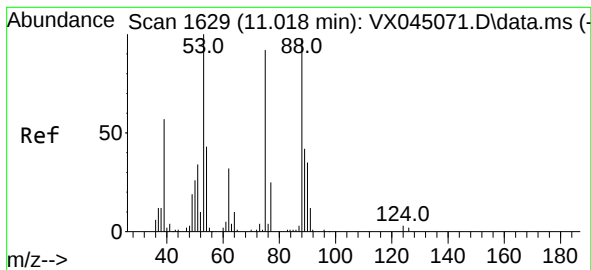
Tgt Ion:152 Resp: 49151
Ion Ratio Lower Upper
152 100
115 62.6 44.2 132.6
150 153.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.297 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045444.D
Acq: 25 Mar 2025 16:46

Tgt Ion: 75 Resp: 32372
Ion Ratio Lower Upper
75 100
77 0.9 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.839 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045444.D
Acq: 25 Mar 2025 16:46

Instrument :
MSVOA_X
ClientSampleId :
FB03-20250321

Tgt Ion: 75 Resp: 32372
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

