

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045325.D
 Acq On : 18 Mar 2025 15:14
 Operator : JC/MD
 Sample : Q1557-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-8-20250312

Quant Time: Mar 19 01:45:39 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)

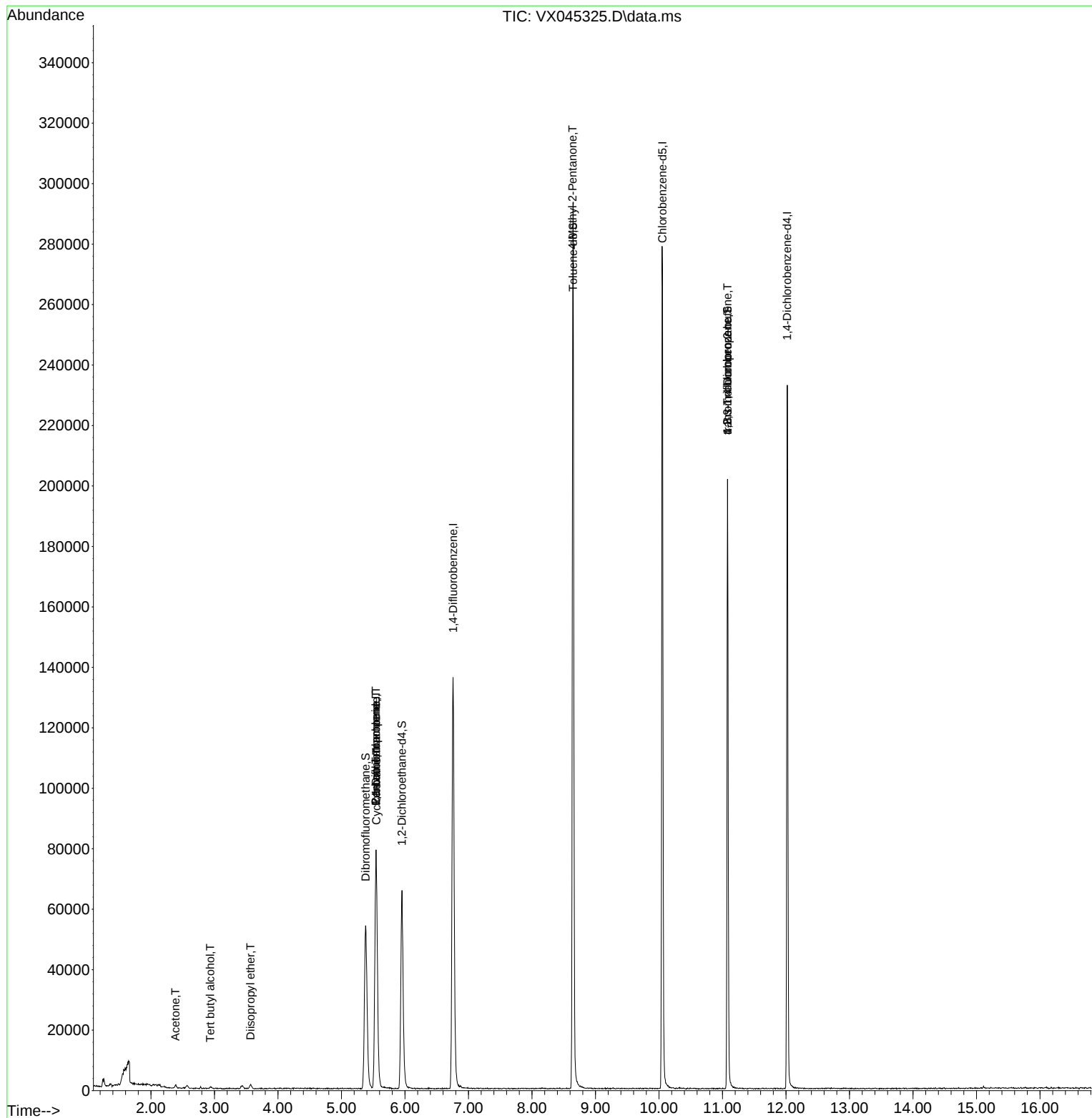
Internal Standards						
1) Pentafluorobenzene	5.544	168	68534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	43938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60280	55.296	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.600%
35) Dibromofluoromethane	5.379	113	47275	52.909	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.820%
50) Toluene-d8	8.647	98	168794	52.108	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.220%
62) 4-Bromofluorobenzene	11.079	95	53300	49.655	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.300%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.935	59	131	0.634	ug/l #	73
16) Acetone	2.386	43	1233	2.438	ug/l #	89
22) Diisopropyl ether	3.569	45	826	0.271	ug/l #	10
31) Cyclohexane	5.550	56	2038	1.374	ug/l #	37
36) 1,1-Dichloropropene	5.544	75	6793	5.544	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7537	6.058	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	967	0.617	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	29703	29.045	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	29703	99.397	ug/l #	6

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

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Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20250312

Quant Time: Mar 19 01:45:39 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

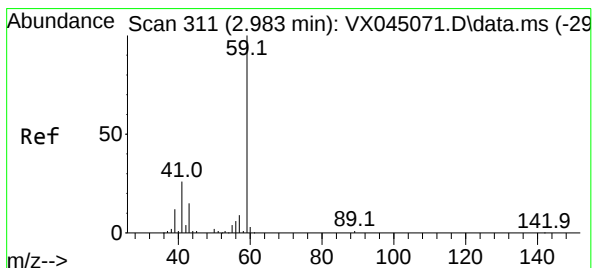
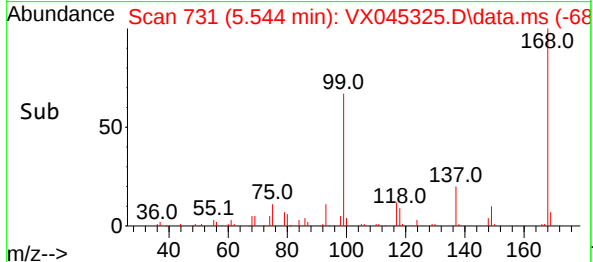
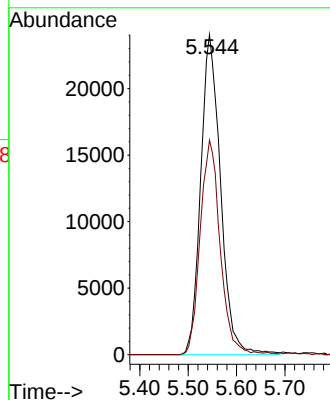
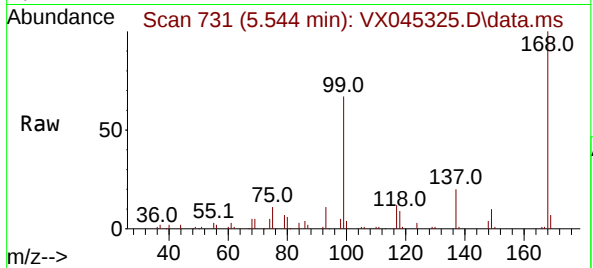




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

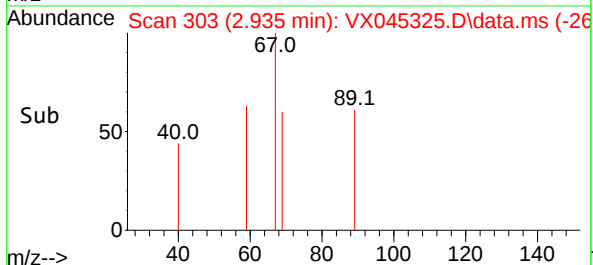
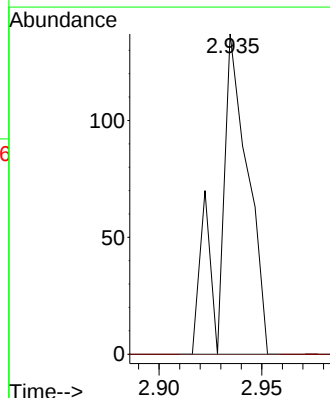
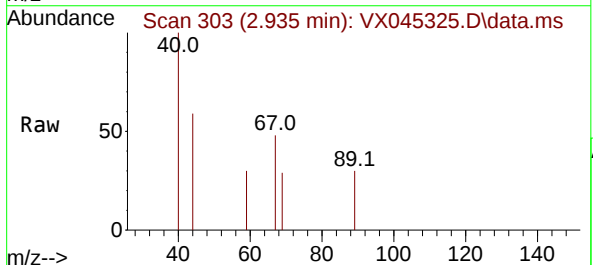
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20250312

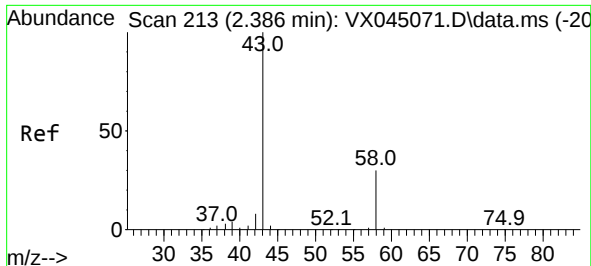
Tgt Ion:168 Resp: 68534
Ion Ratio Lower Upper
168 100
99 67.0 48.2 72.4



#11
Tert butyl alcohol
Concen: 0.634 ug/l
RT: 2.935 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

Tgt Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

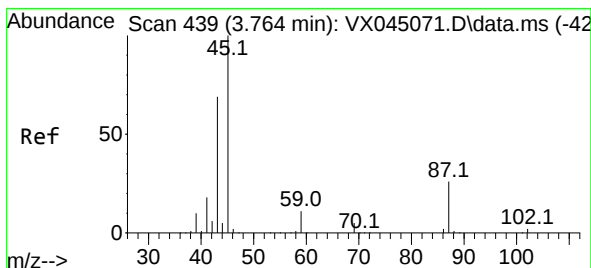
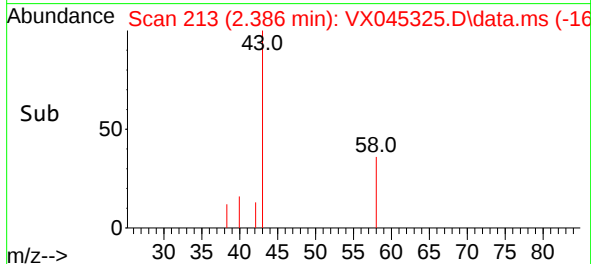
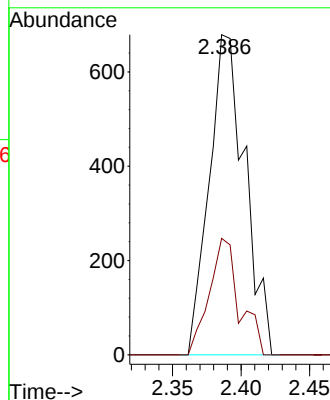
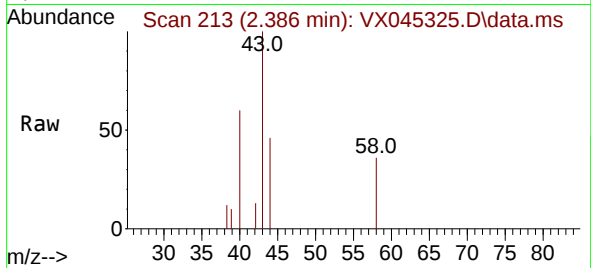




#16
Acetone
Concen: 2.438 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

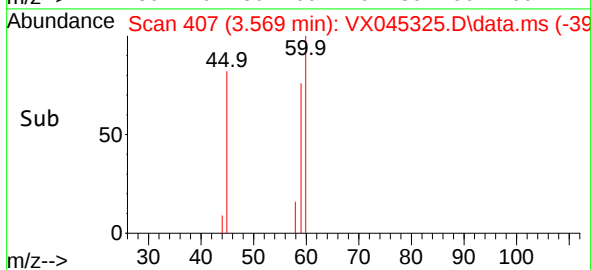
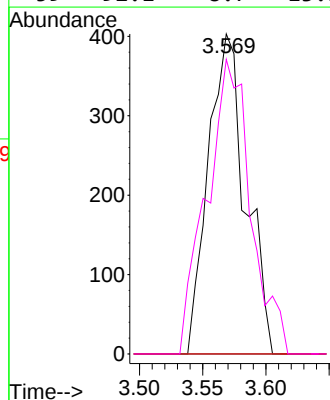
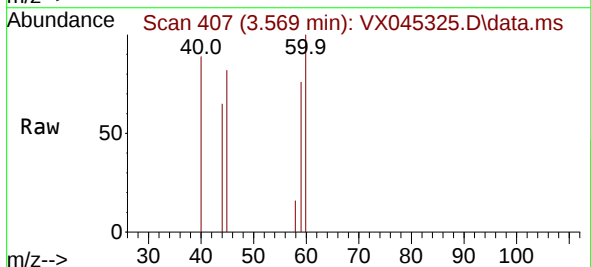
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20250312

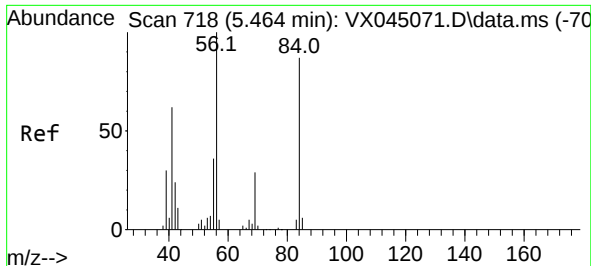
Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
58 36.4 24.2 36.4#



#22
Diisopropyl ether
Concen: 0.271 ug/l
RT: 3.569 min Scan# 407
Delta R.T. -0.195 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

Tgt Ion: 45 Resp: 826
Ion Ratio Lower Upper
45 100
43 0.0 54.9 82.3#
87 0.0 21.0 31.4#
59 92.1 8.7 13.1#

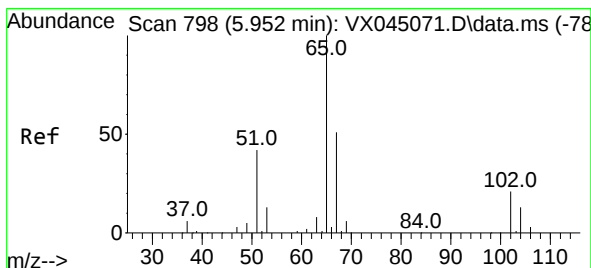
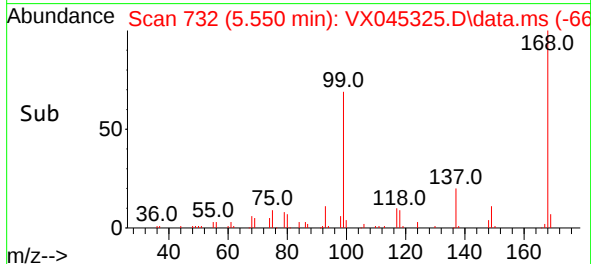
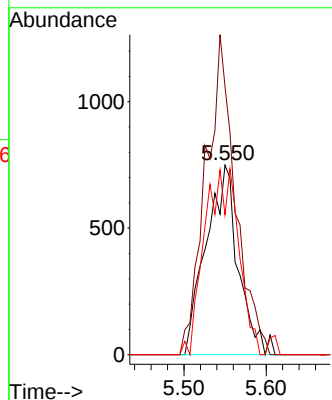
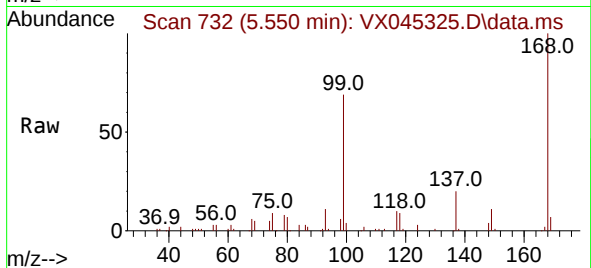




#31
Cyclohexane
Concen: 1.374 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

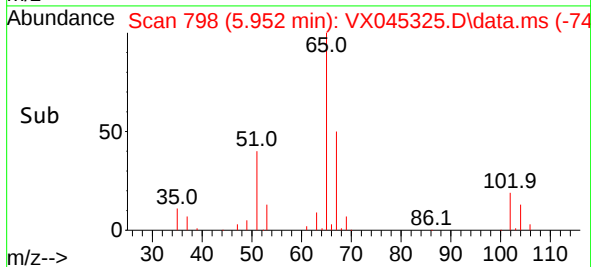
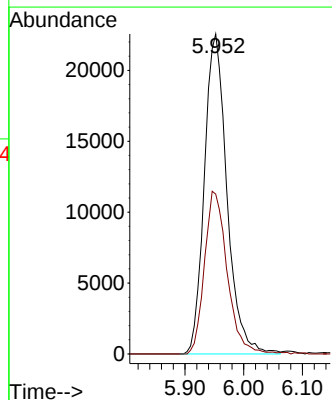
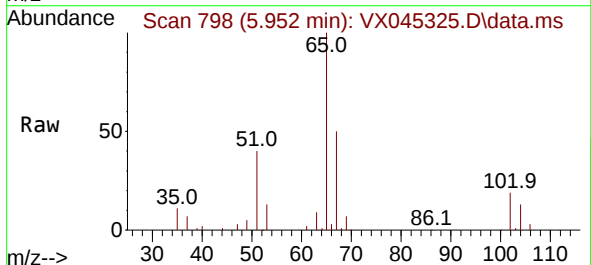
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20250312

Tgt Ion: 56 Resp: 2038
Ion Ratio Lower Upper
56 100
69 141.5 23.4 35.2#
84 73.8 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 55.296 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

Tgt Ion: 65 Resp: 60280
Ion Ratio Lower Upper
65 100
67 51.0 0.0 106.2

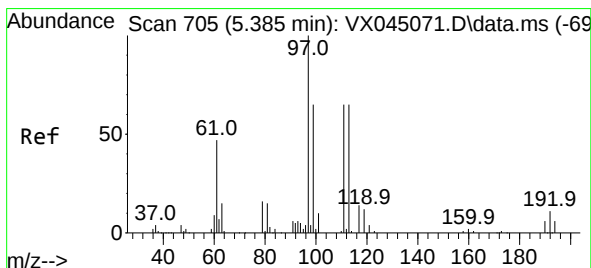
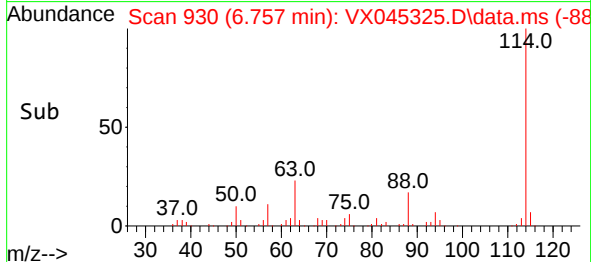
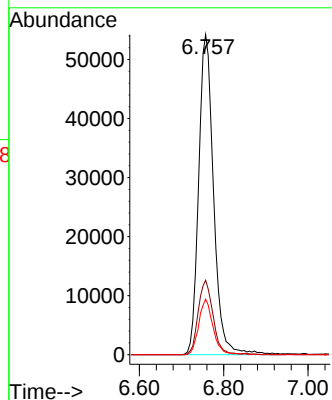
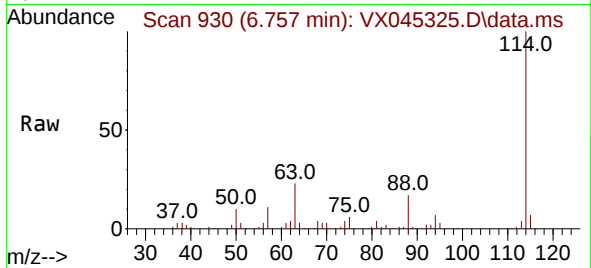




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

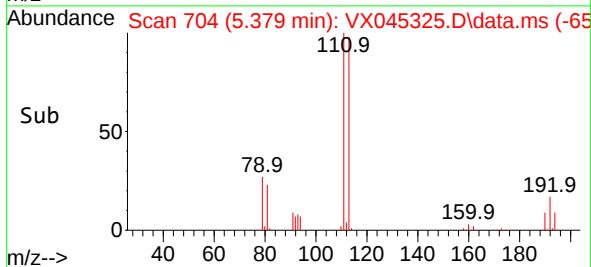
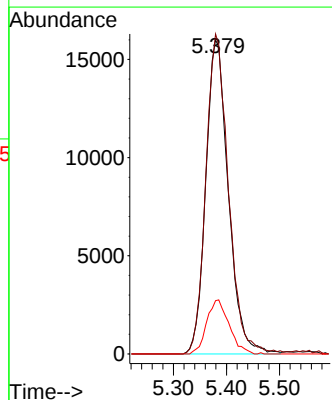
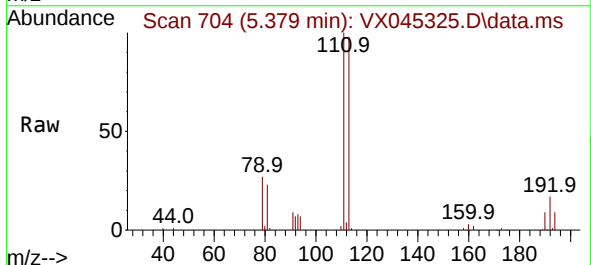
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20250312

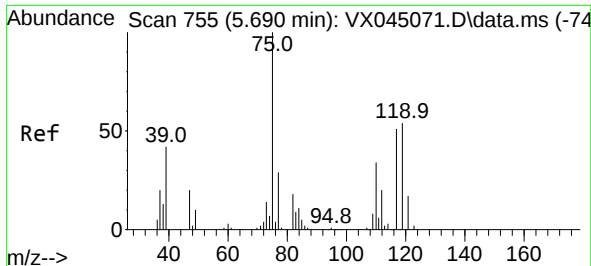
Tgt Ion:114 Resp: 133626
Ion Ratio Lower Upper
114 100
63 23.2 0.0 41.8
88 17.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.909 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

Tgt Ion:113 Resp: 47275
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 17.1 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.544 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX045325.D

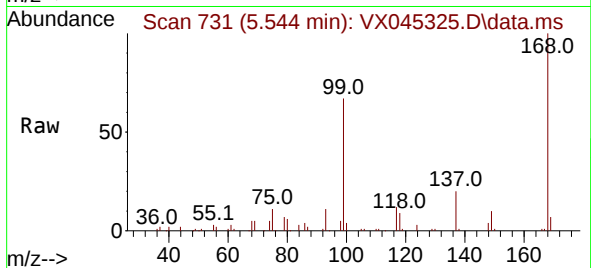
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Instrument :

MSVOA_X

ClientSampleId :

BPOW6-8-20250312



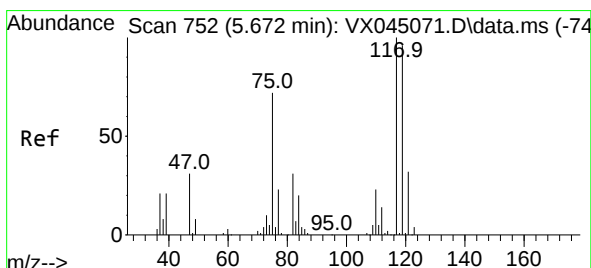
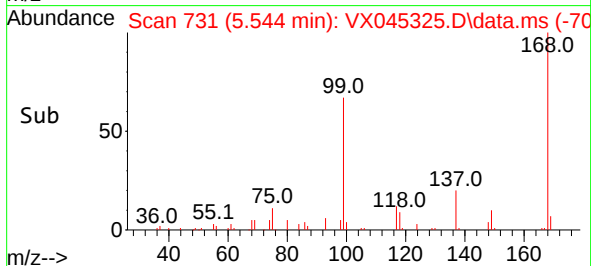
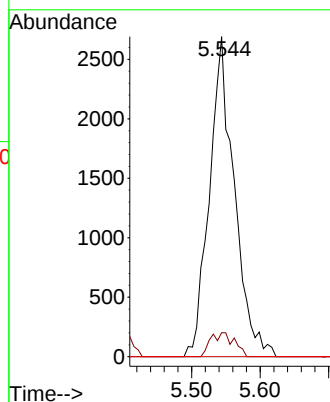
Tgt Ion: 75 Resp: 6793

Ion Ratio Lower Upper

75 100

110 7.1 16.9 50.6#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.058 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045325.D

Acq: 18 Mar 2025 15:14

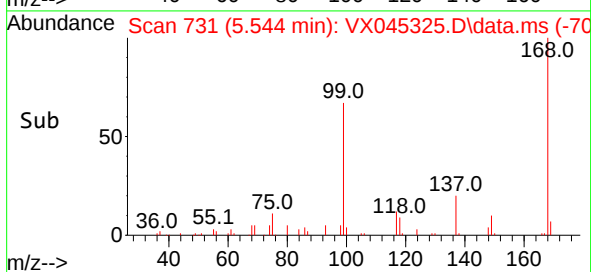
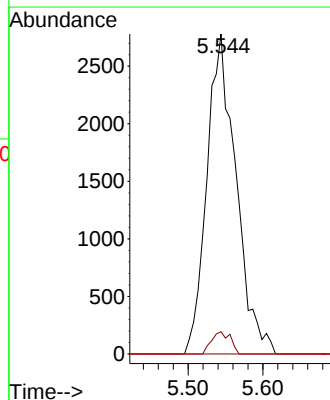
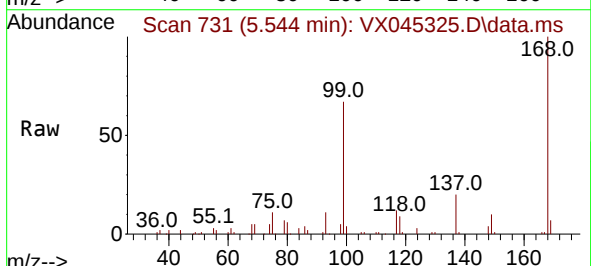
Tgt Ion: 117 Resp: 7537

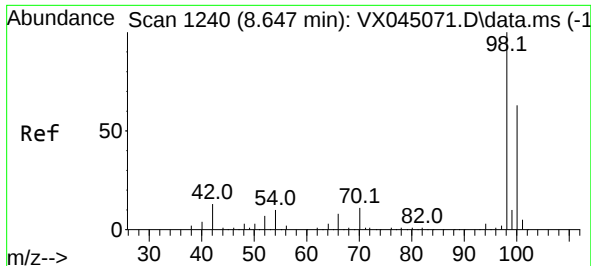
Ion Ratio Lower Upper

117 100

119 6.9 76.7 115.1#

121 0.0 25.5 38.3#

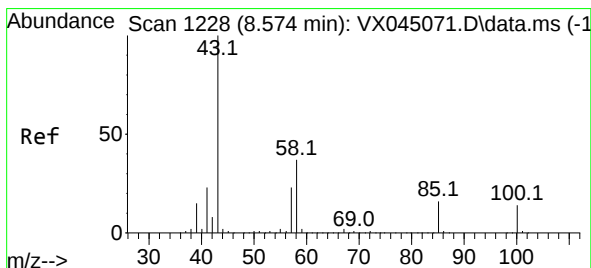
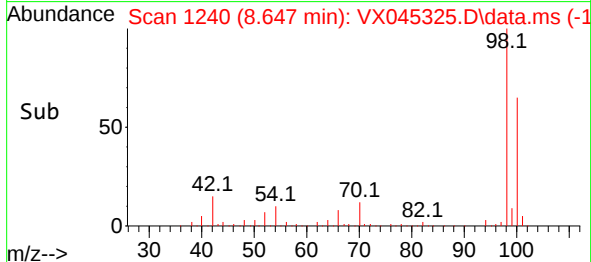
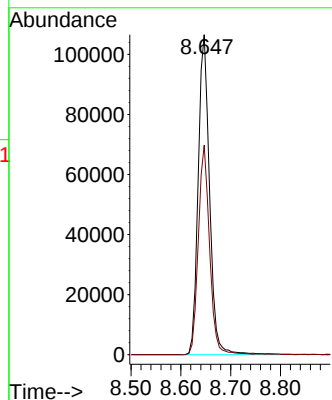
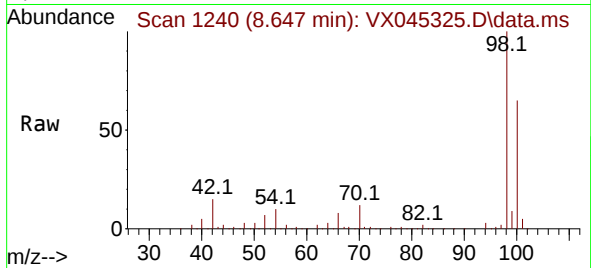




#50
Toluene-d8
Concen: 52.108 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

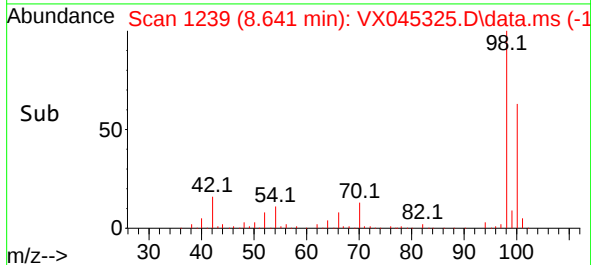
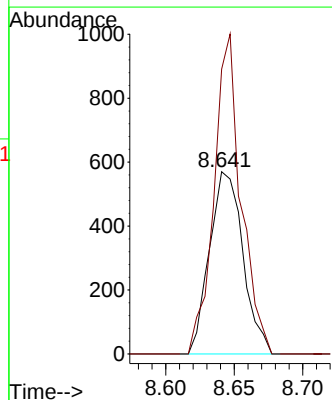
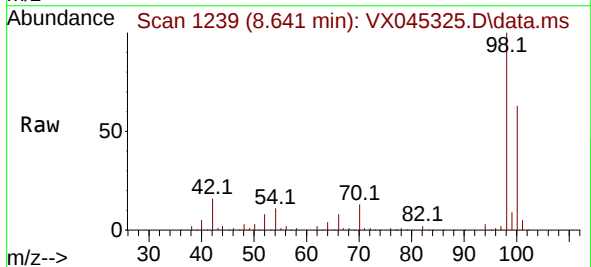
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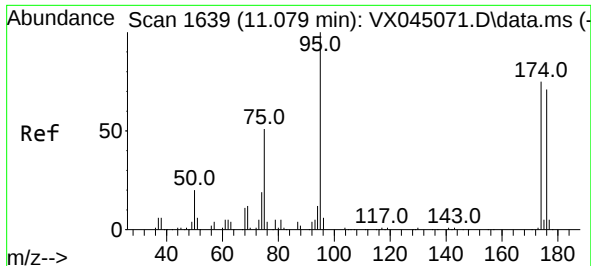
Tgt Ion: 98 Resp: 168794
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.617 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

Tgt Ion: 43 Resp: 967
Ion Ratio Lower Upper
43 100
58 142.2 29.2 43.8#

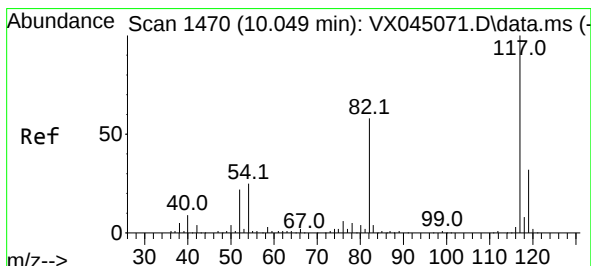
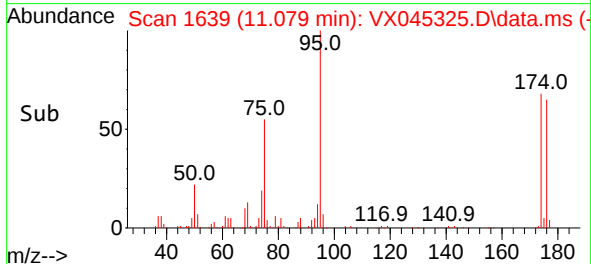
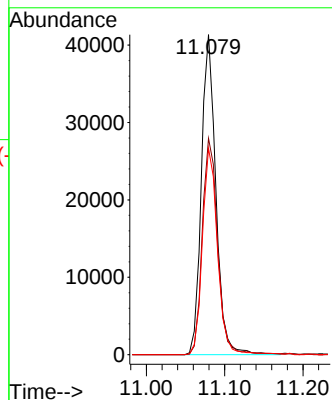
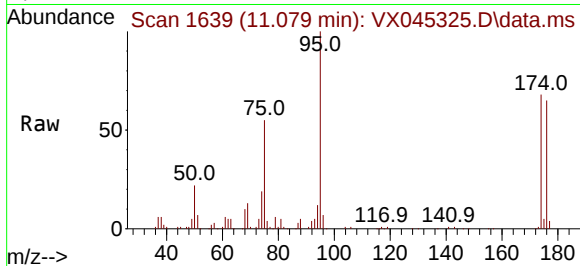




#62
4-Bromofluorobenzene
Concen: 49.655 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

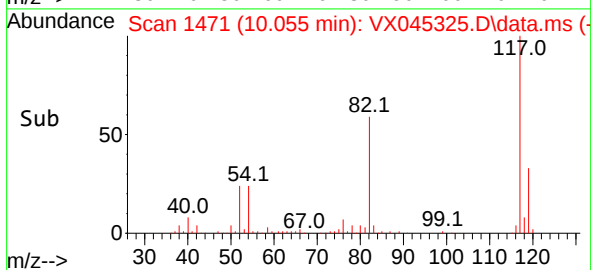
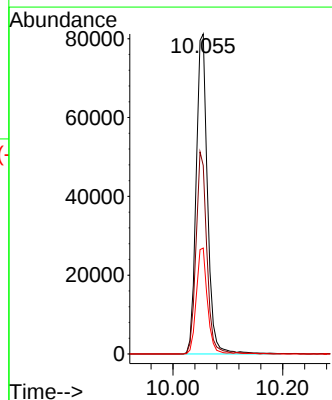
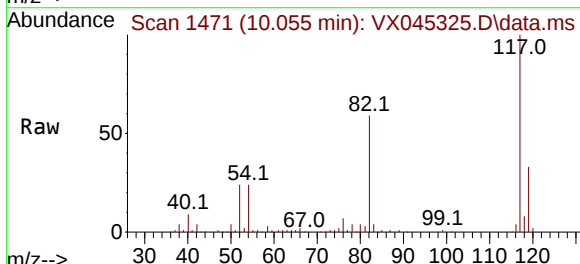
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BPOW6-8-20250312

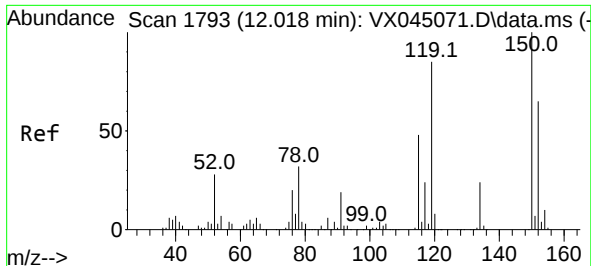
Tgt Ion: 95 Resp: 53300
Ion Ratio Lower Upper
95 100
174 71.5 0.0 148.2
176 67.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045325.D
Acq: 18 Mar 2025 15:14

Tgt Ion: 117 Resp: 117226
Ion Ratio Lower Upper
117 100
82 58.9 46.3 69.5
119 33.1 25.7 38.5

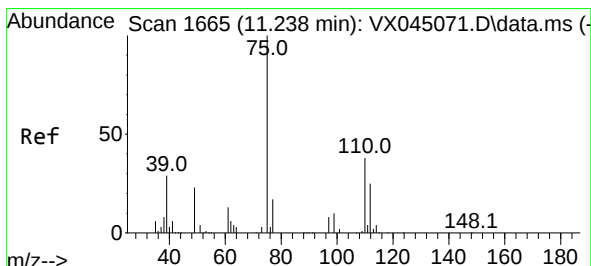
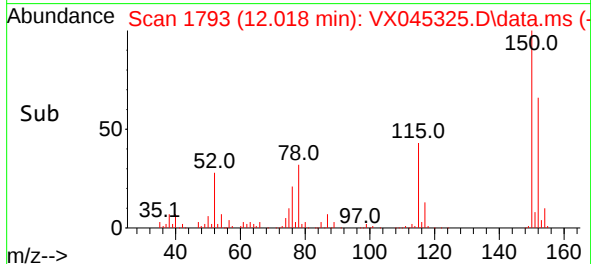
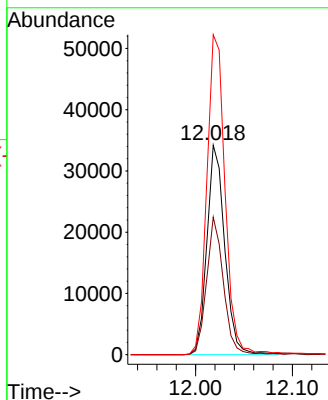
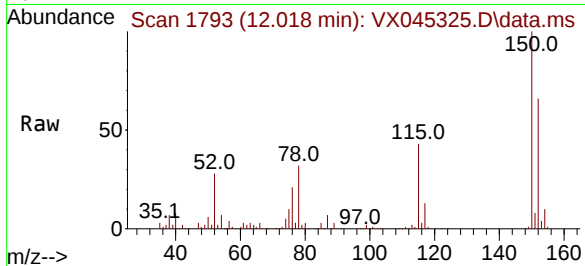




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX045325.D
 Acq: 18 Mar 2025 15:14

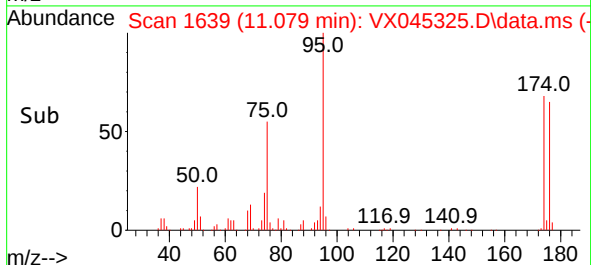
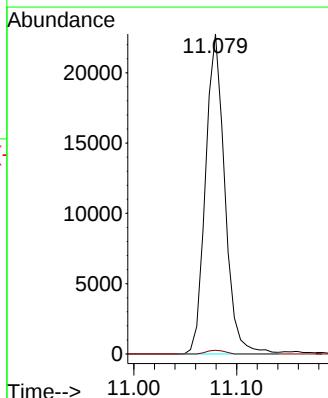
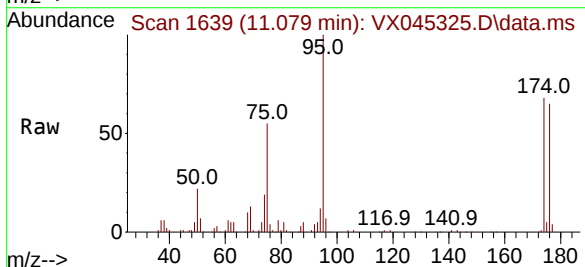
Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-8-20250312

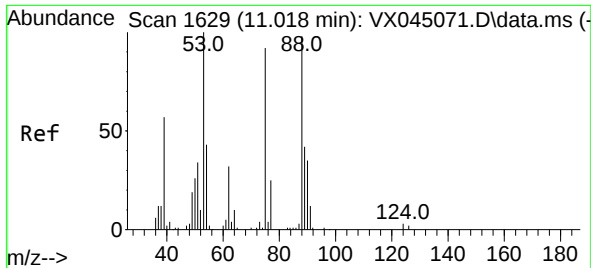
Tgt Ion:152 Resp: 43938
 Ion Ratio Lower Upper
 152 100
 115 62.3 44.2 132.6
 150 156.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 29.045 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045325.D
 Acq: 18 Mar 2025 15:14

Tgt Ion: 75 Resp: 29703
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.397 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045325.D
 Acq: 18 Mar 2025 15:14

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-8-20250312

Tgt Ion: 75 Resp: 29703
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

