

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044389.D
 Acq On : 18 Dec 2024 17:32
 Operator : JC/MD
 Sample : P5281-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-7-20241212

Quant Time: Dec 19 00:50:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

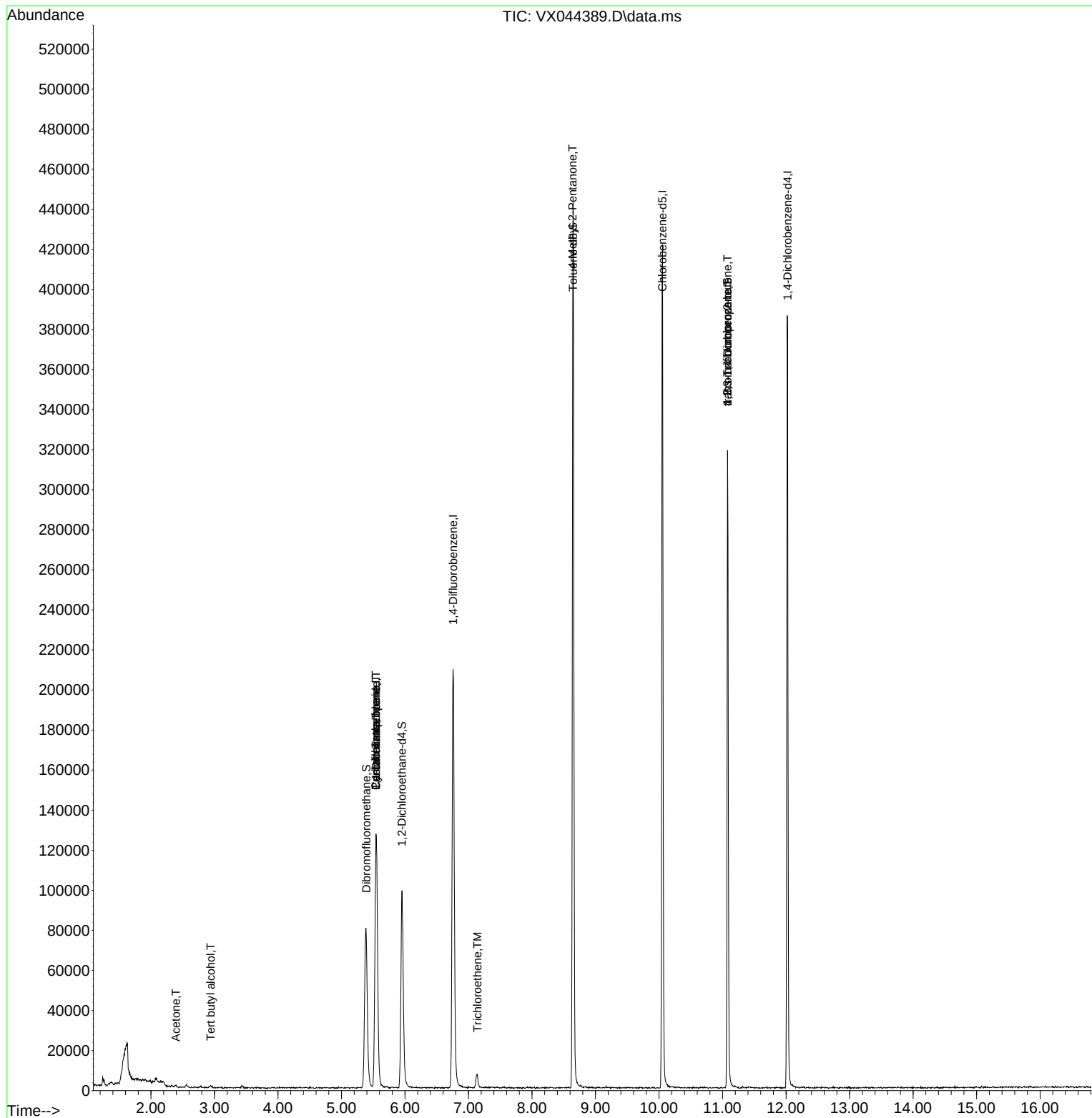
Internal Standards						
1) Pentafluorobenzene	5.544	168	118463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216409	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93938	45.227	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.460%		
35) Dibromofluoromethane	5.391	113	70087	46.761	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.520%		
50) Toluene-d8	8.647	98	259057	51.231	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.460%		
62) 4-Bromofluorobenzene	11.079	95	83204	47.090	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.180%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	414	1.414	ug/l #	71
16) Acetone	2.392	43	737	0.870	ug/l	95
31) Cyclohexane	5.544	56	2986	1.332	ug/l #	42
36) 1,1-Dichloropropene	5.544	75	10591	5.466	ug/l #	50
38) Carbon Tetrachloride	5.544	117	13529	6.486	ug/l #	17
44) Trichloroethene	7.141	130	2669	1.819	ug/l	67
51) 4-Methyl-2-Pentanone	8.641	43	1299	0.540	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45756	25.574	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	45756	70.685	ug/l #	4

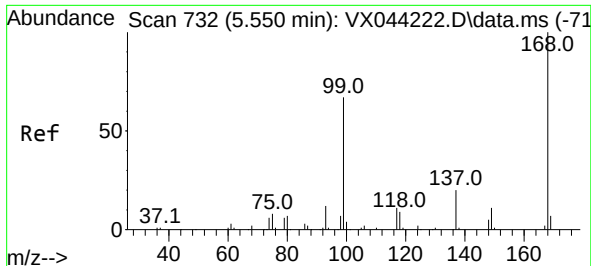
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BPOW1-7-20241212

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Quant Title : SW846 8260
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Response via : Initial Calibration

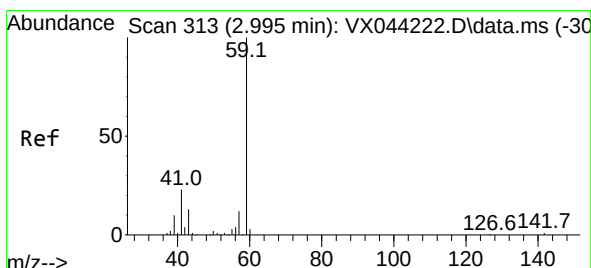
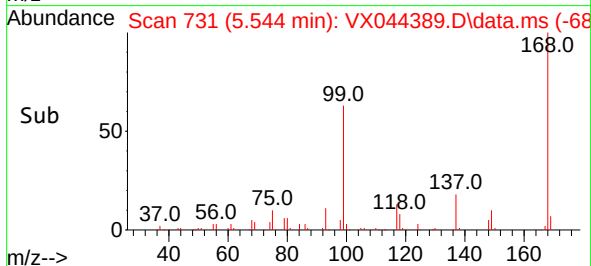
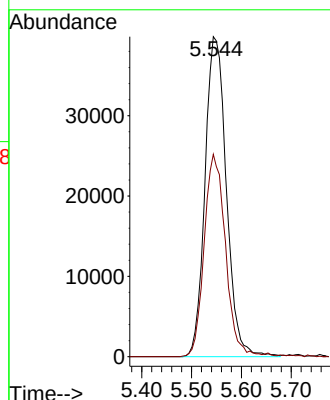
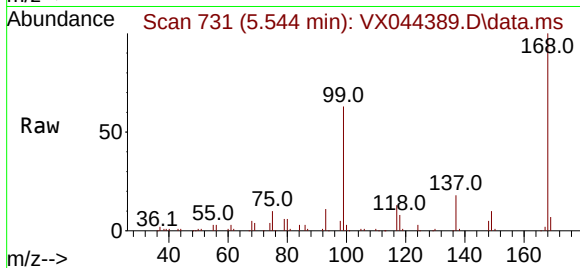




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044389.D
Acq: 18 Dec 2024 17:32

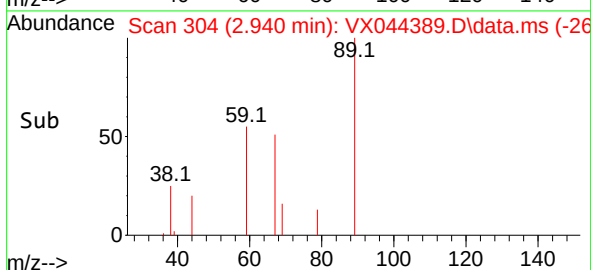
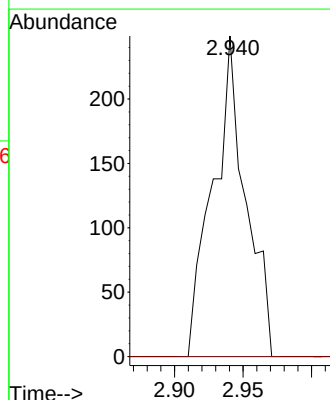
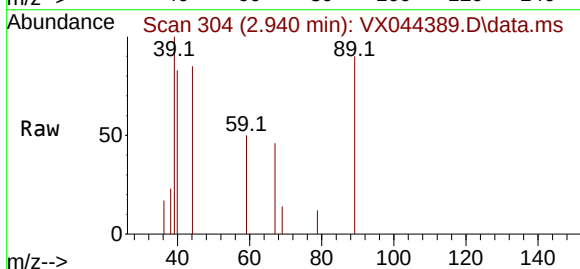
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20241212

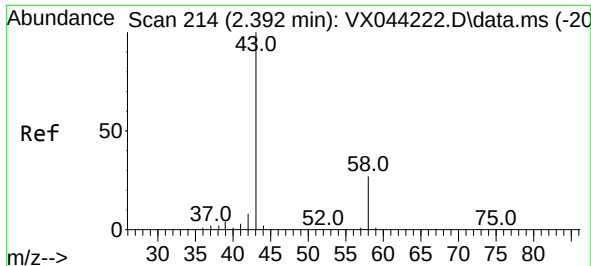
Tgt Ion:168 Resp: 118463
Ion Ratio Lower Upper
168 100
99 63.3 53.4 80.0



#11
Tert butyl alcohol
Concen: 1.414 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044389.D
Acq: 18 Dec 2024 17:32

Tgt Ion: 59 Resp: 414
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#





#16

Acetone

Concen: 0.870 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX044389.D

Acq: 18 Dec 2024 17:32

Instrument :

MSVOA_X

ClientSampleId :

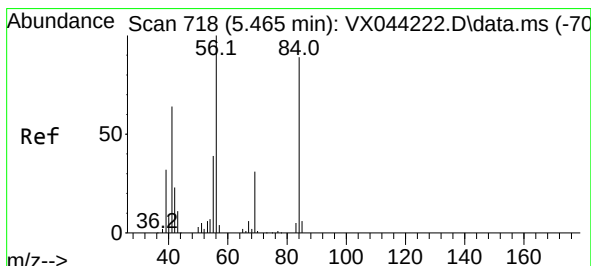
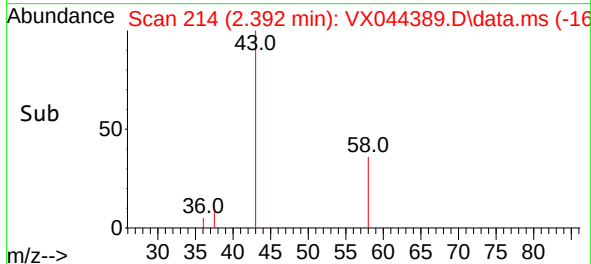
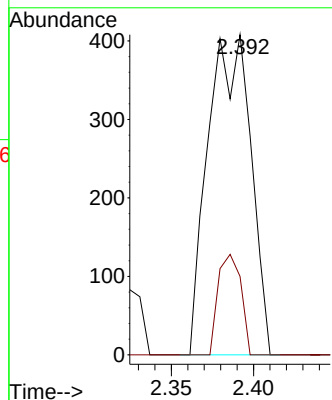
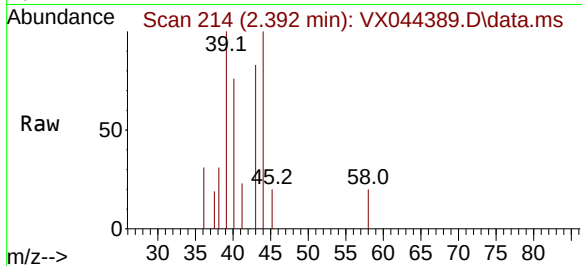
BPOW1-7-20241212

Tgt Ion: 43 Resp: 737

Ion Ratio Lower Upper

43 100

58 24.5 21.6 32.4



#31

Cyclohexane

Concen: 1.332 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX044389.D

Acq: 18 Dec 2024 17:32

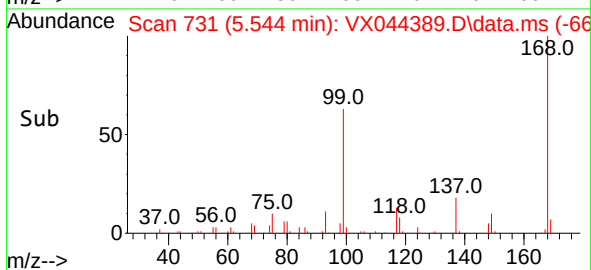
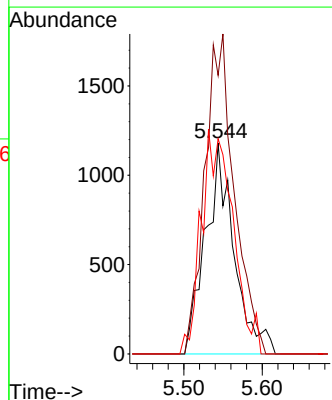
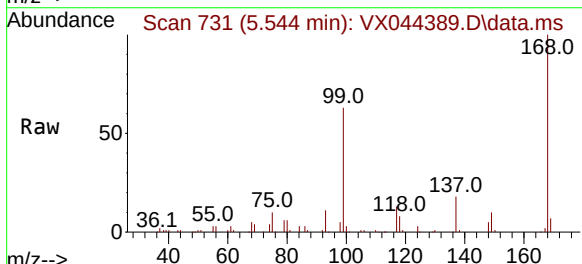
Tgt Ion: 56 Resp: 2986

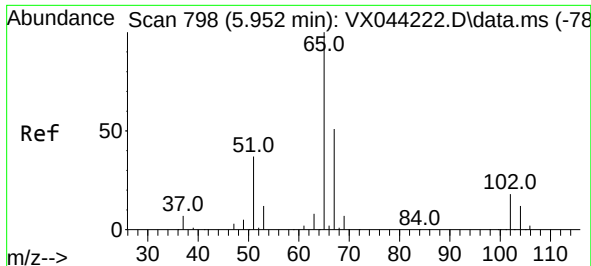
Ion Ratio Lower Upper

56 100

69 132.0 24.7 37.1#

84 101.9 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 45.227 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044389.D

Acq: 18 Dec 2024 17:32

Instrument :

MSVOA_X

ClientSampleId :

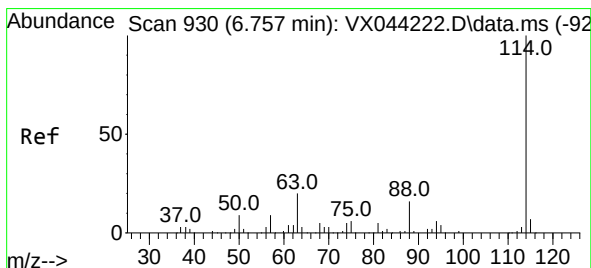
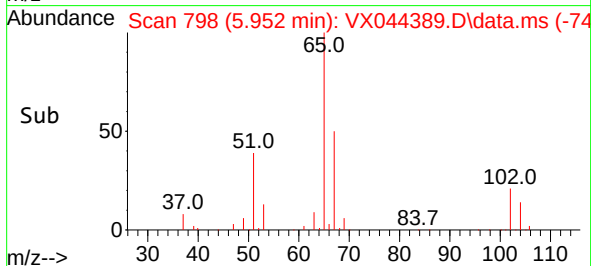
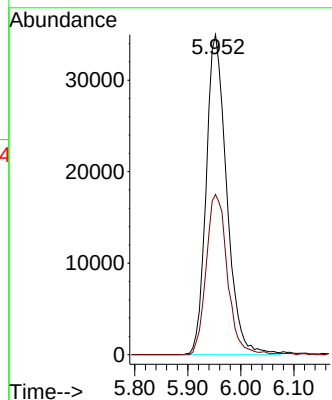
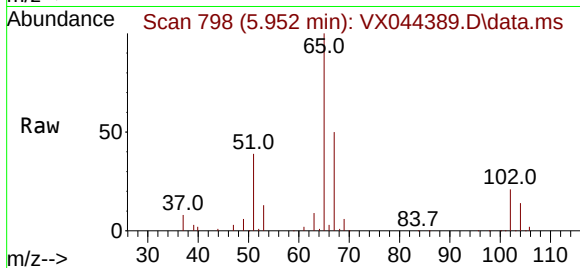
BPOW1-7-20241212

Tgt Ion: 65 Resp: 93938

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044389.D

Acq: 18 Dec 2024 17:32

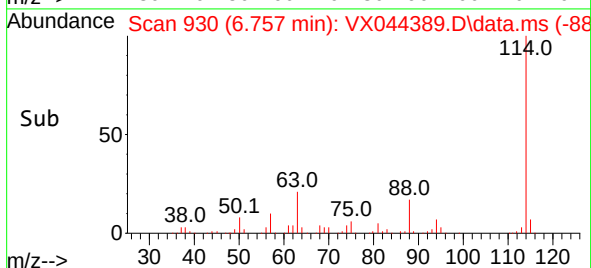
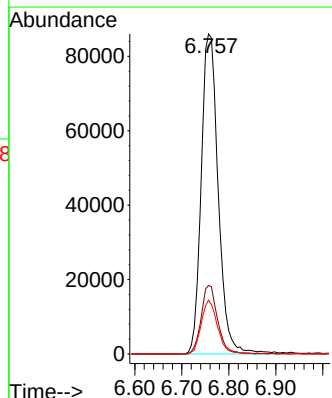
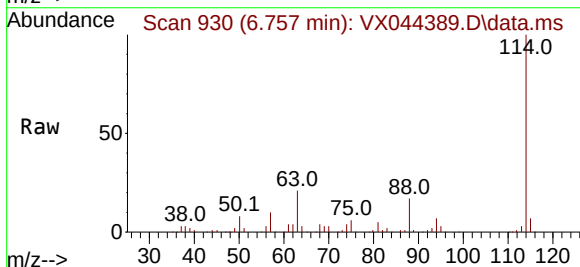
Tgt Ion: 114 Resp: 216409

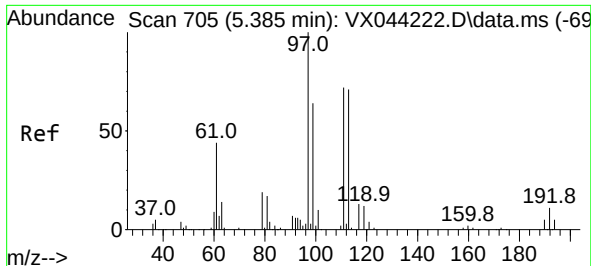
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.6

88 16.8 0.0 31.8

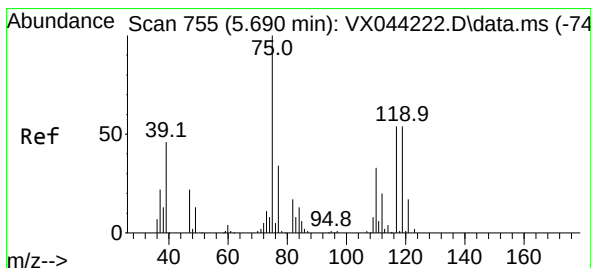
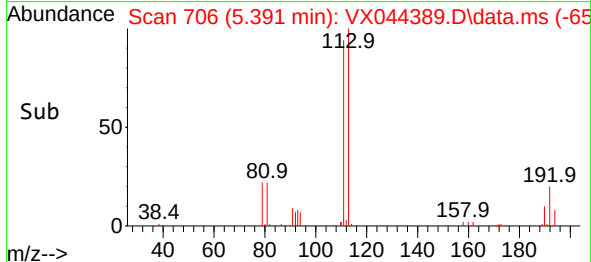
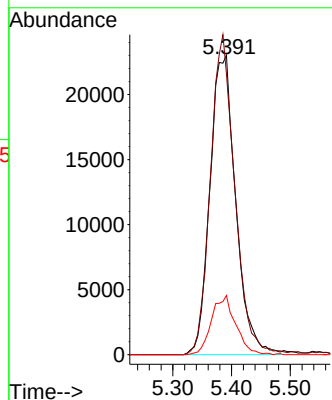
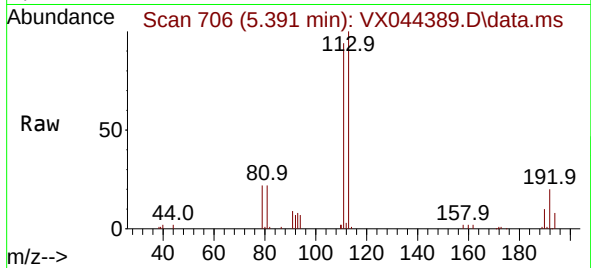




#35
Dibromofluoromethane
Concen: 46.761 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044389.D
Acq: 18 Dec 2024 17:32

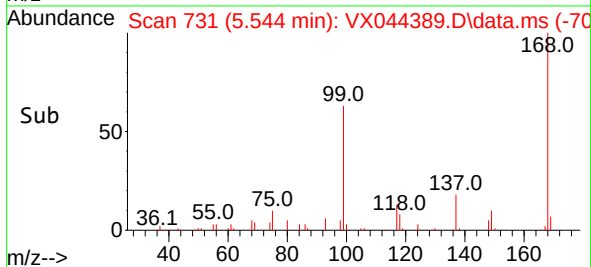
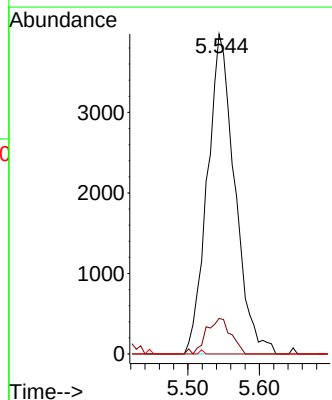
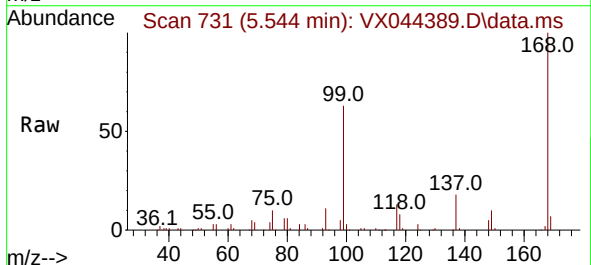
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20241212

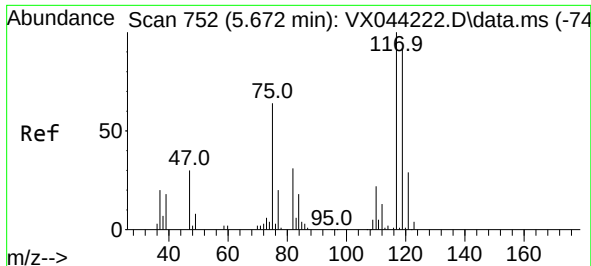
Tgt Ion:113 Resp: 70087
Ion Ratio Lower Upper
113 100
111 101.2 80.4 120.6
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.466 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044389.D
Acq: 18 Dec 2024 17:32

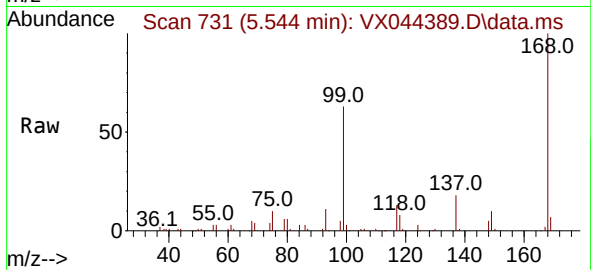
Tgt Ion: 75 Resp: 10591
Ion Ratio Lower Upper
75 100
110 10.0 17.3 51.7#
77 0.0 25.4 38.0#



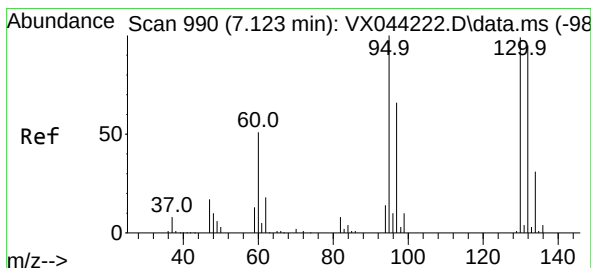
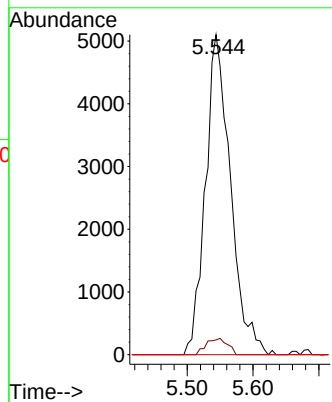
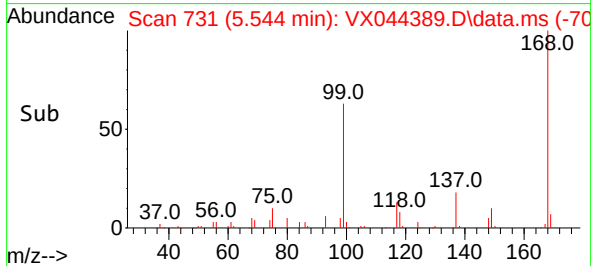


#38
Carbon Tetrachloride
Concen: 6.486 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX044389.D
Acq: 18 Dec 2024 17:32

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20241212

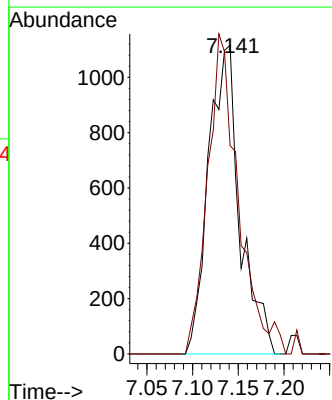
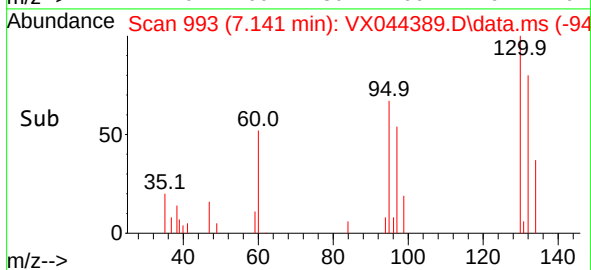
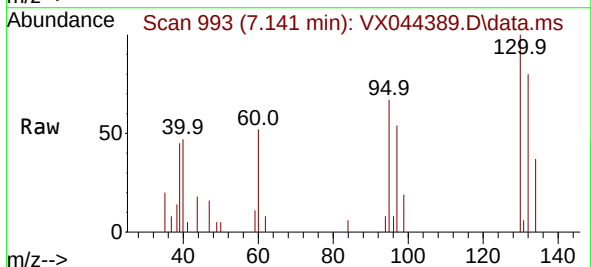


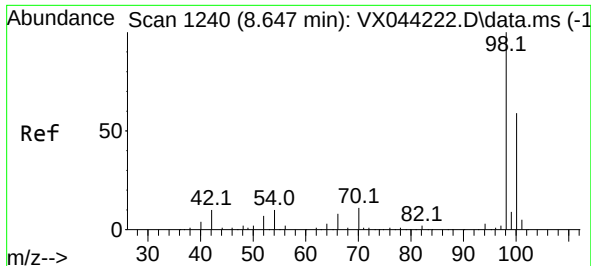
Tgt Ion:117 Resp: 13529
Ion Ratio Lower Upper
117 100
119 4.6 74.2 111.4#
121 0.0 23.0 34.6#



#44
Trichloroethene
Concen: 1.819 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.018 min
Lab File: VX044389.D
Acq: 18 Dec 2024 17:32

Tgt Ion:130 Resp: 2669
Ion Ratio Lower Upper
130 100
95 67.5 0.0 201.4

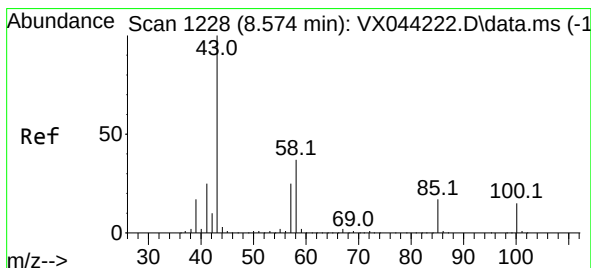
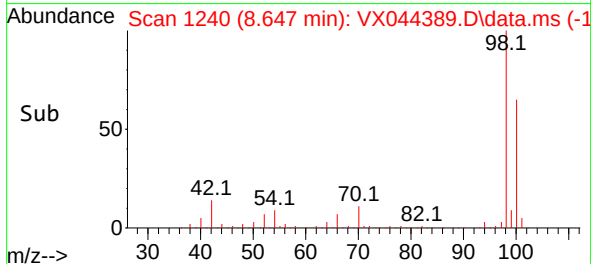
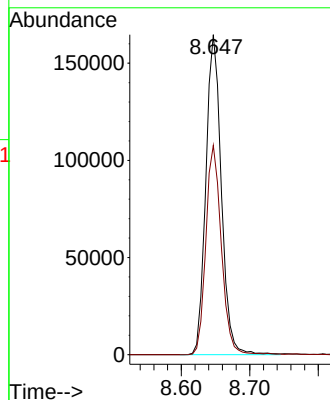
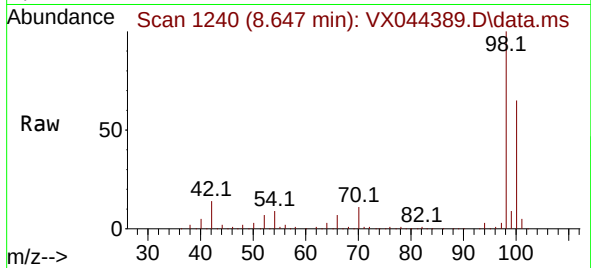




#50
Toluene-d8
Concen: 51.231 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044389.D
Acq: 18 Dec 2024 17:32

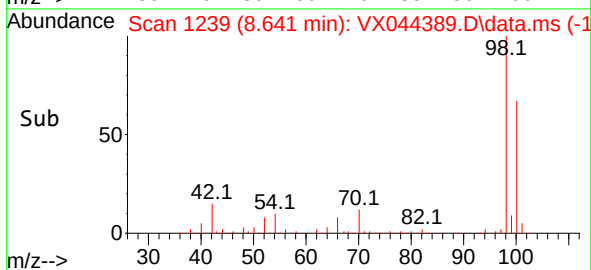
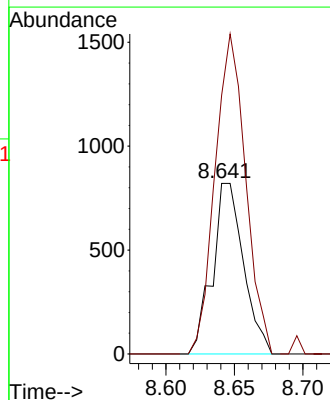
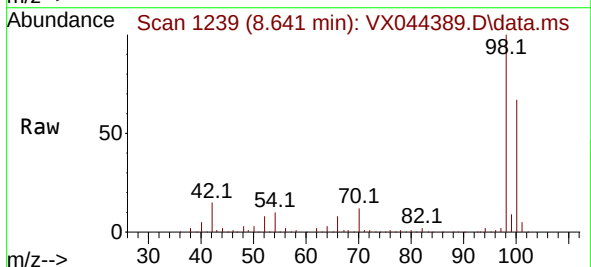
Instrument :
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BPOW1-7-20241212

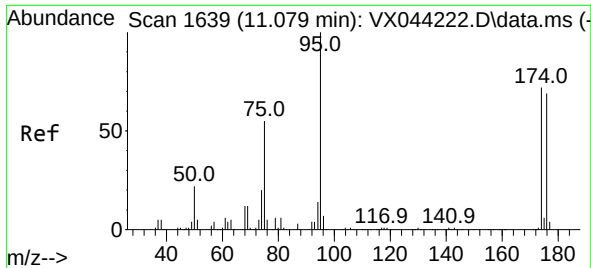
Tgt Ion: 98 Resp: 259057
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044389.D
Acq: 18 Dec 2024 17:32

Tgt Ion: 43 Resp: 1299
Ion Ratio Lower Upper
43 100
58 184.6 29.4 44.0#

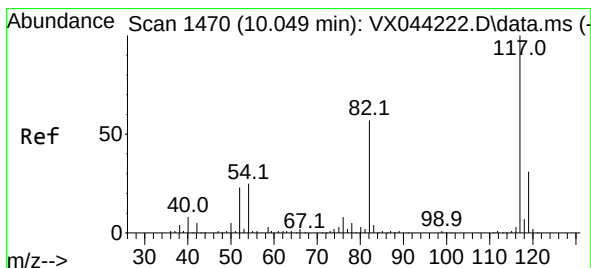
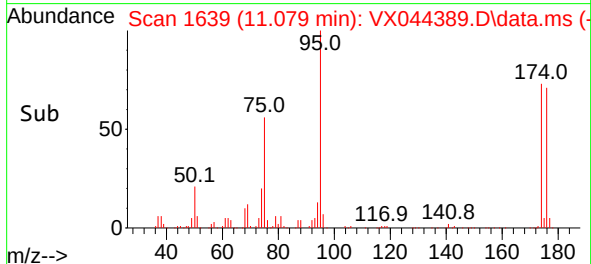
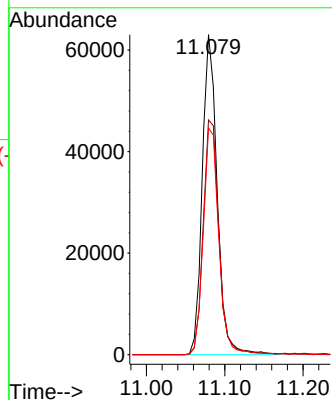
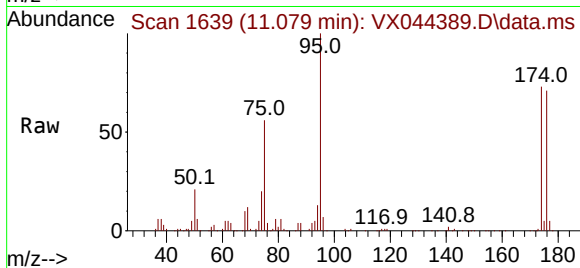




#62
4-Bromofluorobenzene
Concen: 47.090 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044389.D
Acq: 18 Dec 2024 17:32

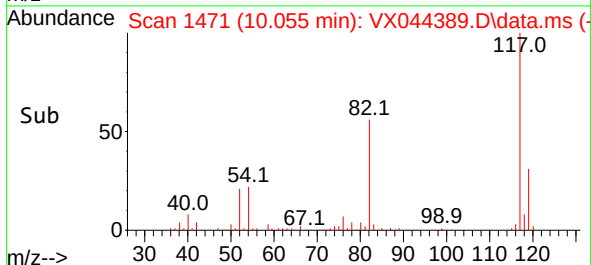
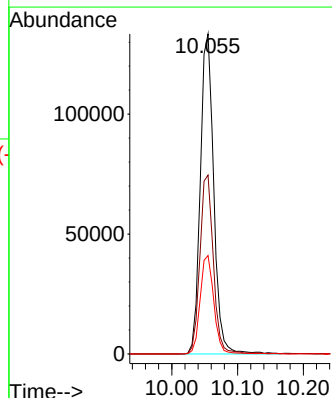
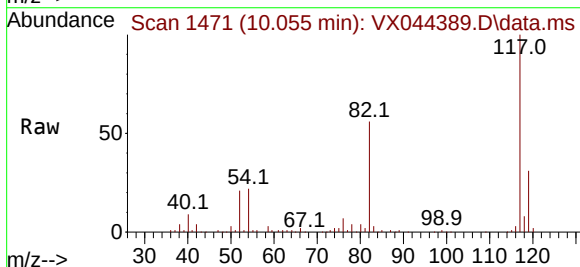
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20241212

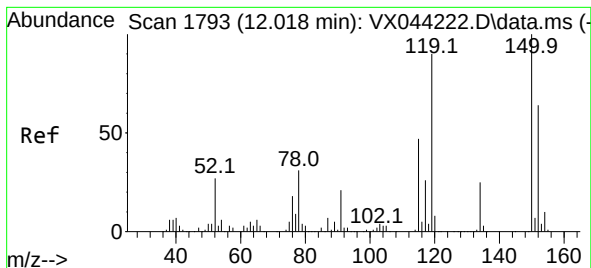
Tgt Ion: 95 Resp: 83204
Ion Ratio Lower Upper
95 100
174 77.8 0.0 145.8
176 74.2 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044389.D
Acq: 18 Dec 2024 17:32

Tgt Ion: 117 Resp: 189692
Ion Ratio Lower Upper
117 100
82 55.9 45.8 68.8
119 30.8 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044389.D

Acq: 18 Dec 2024 17:32

Instrument :

MSVOA_X

ClientSampleId :

BPOW1-7-20241212

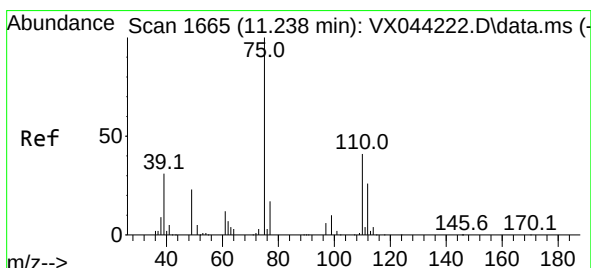
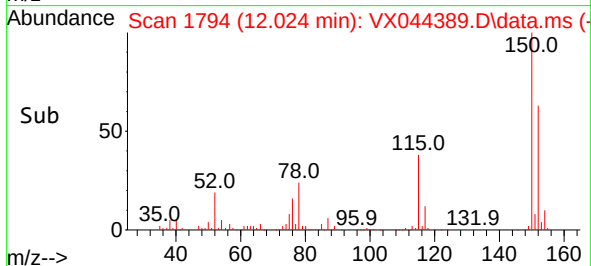
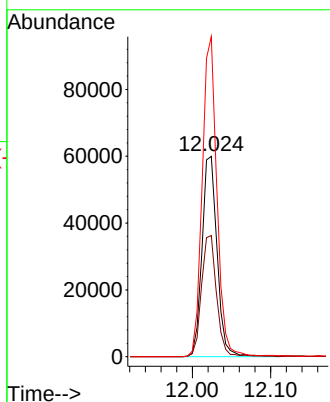
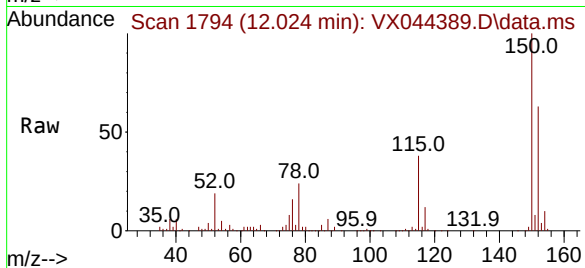
Tgt Ion:152 Resp: 80132

Ion Ratio Lower Upper

152 100

115 60.7 44.5 133.3

150 154.9 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 25.574 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044389.D

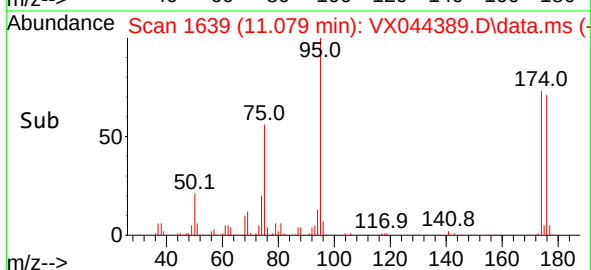
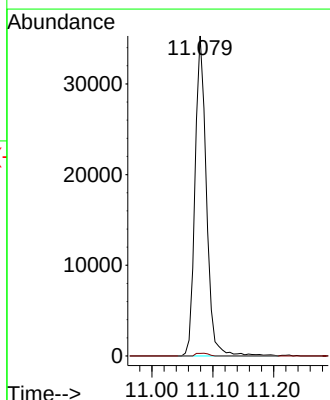
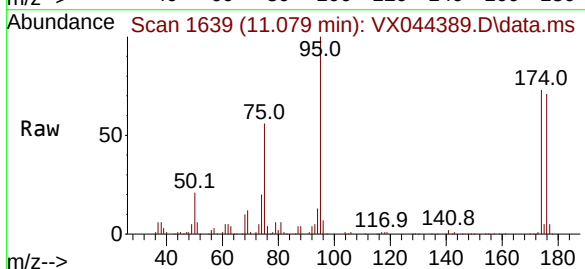
Acq: 18 Dec 2024 17:32

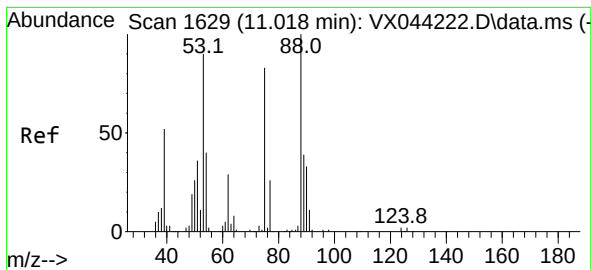
Tgt Ion: 75 Resp: 45756

Ion Ratio Lower Upper

75 100

77 0.9 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.685 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX044389.D
 Acq: 18 Dec 2024 17:32

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-7-20241212

Tgt Ion: 75 Resp: 45756
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.0 37.3 55.9#

