

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060223\
 Data File : VX035988.D
 Acq On : 02 Jun 2023 16:53
 Operator : JC/MD
 Sample : 03022-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-GW-618-620

Quant Time: Jun 05 01:36:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

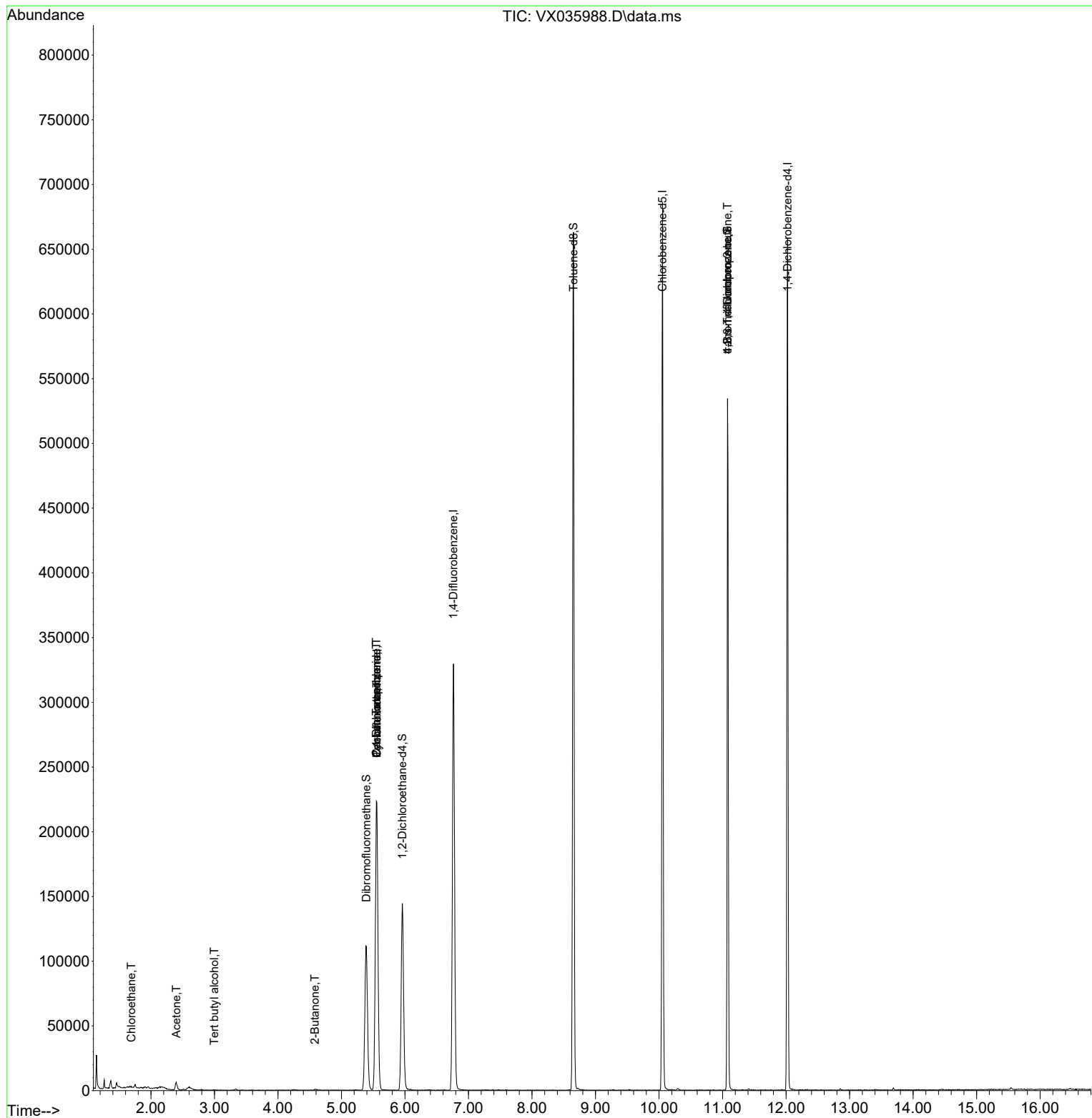
Internal Standards						
1) Pentafluorobenzene	5.556	168	188233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	308262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	287862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146621	47.968	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.940%
35) Dibromofluoromethane	5.391	113	97435	46.994	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.980%
50) Toluene-d8	8.653	98	384541	51.678	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.360%
62) 4-Bromofluorobenzene	11.079	95	146025	49.712	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.420%
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	302	0.232	ug/l #	42
11) Tert butyl alcohol	2.995	59	408	0.752	ug/l #	78
16) Acetone	2.398	43	8263	6.553	ug/l	93
25) 2-Butanone	4.581	43	1362	0.755	ug/l #	81
31) Cyclohexane	5.556	56	5288	1.652	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	18084	6.542	ug/l #	51
38) Carbon Tetrachloride	5.550	117	23118	8.581	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	77407	26.244	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	77407	88.396	ug/l #	3

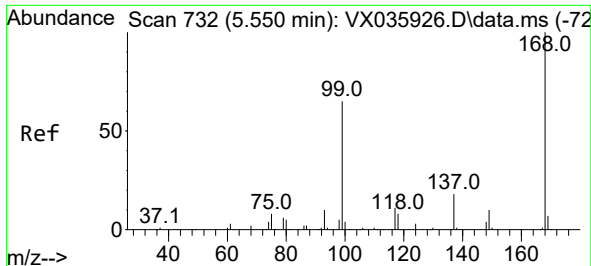
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

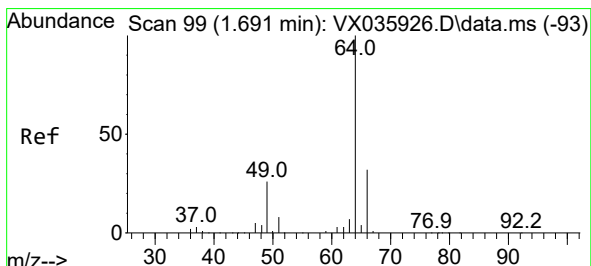
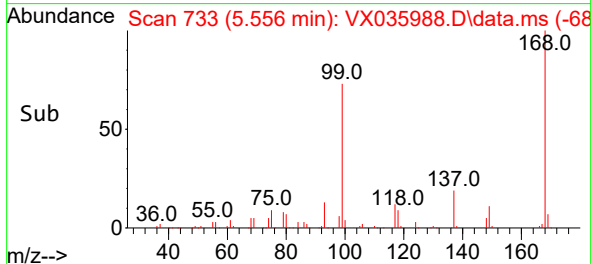
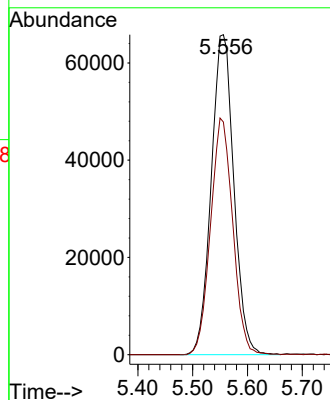
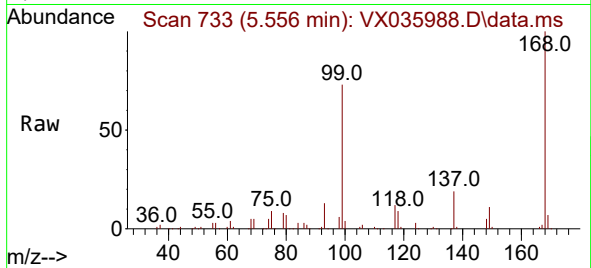




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035988.D
Acq: 02 Jun 2023 16:53

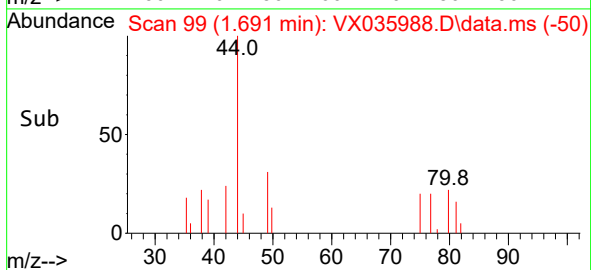
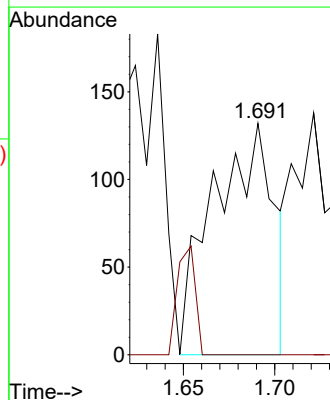
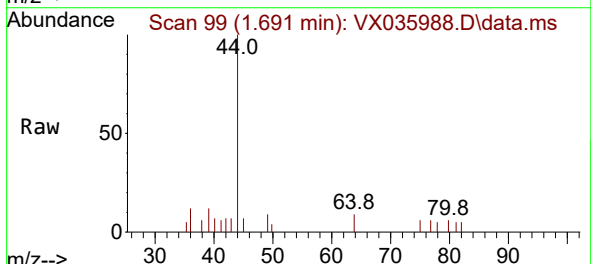
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-618-620

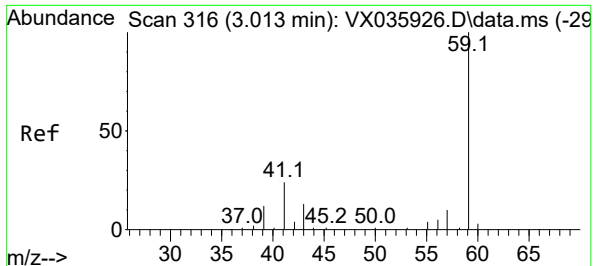
Tgt Ion:168 Resp: 188233
Ion Ratio Lower Upper
168 100
99 72.7 57.0 85.6



#6
Chloroethane
Concen: 0.232 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX035988.D
Acq: 02 Jun 2023 16:53

Tgt Ion: 64 Resp: 302
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#





#11

Tert butyl alcohol

Concen: 0.752 ug/l

RT: 2.995 min Scan# 316

Delta R.T. -0.012 min

Lab File: VX035988.D

Acq: 02 Jun 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

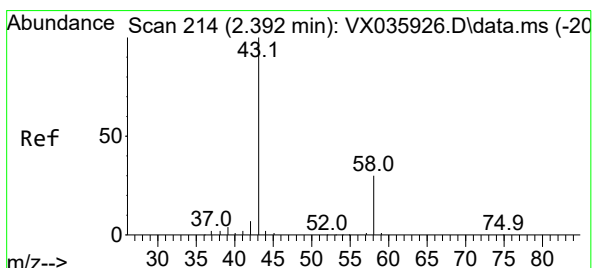
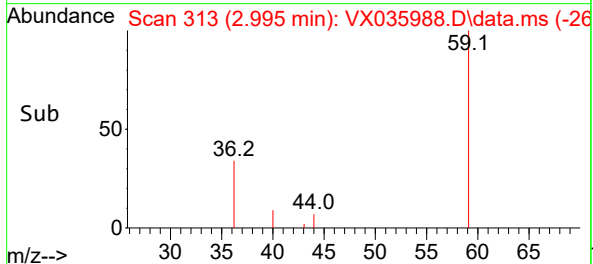
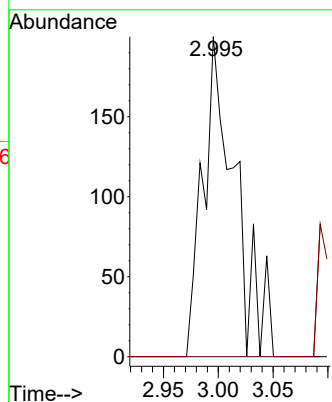
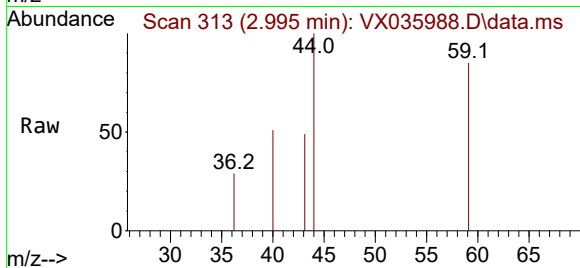
BP-VPB-RW11-GW-618-620

Tgt Ion: 59 Resp: 408

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 6.553 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.007 min

Lab File: VX035988.D

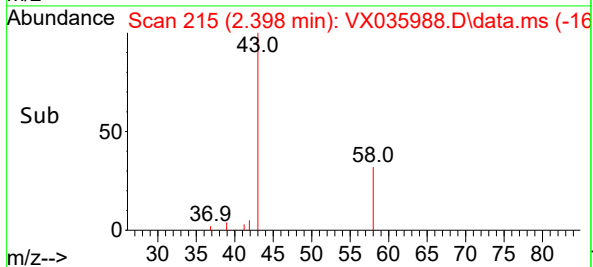
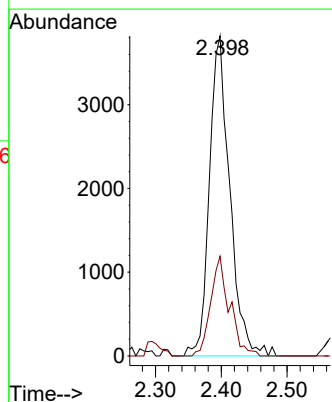
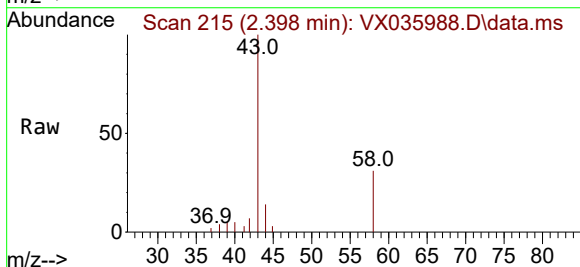
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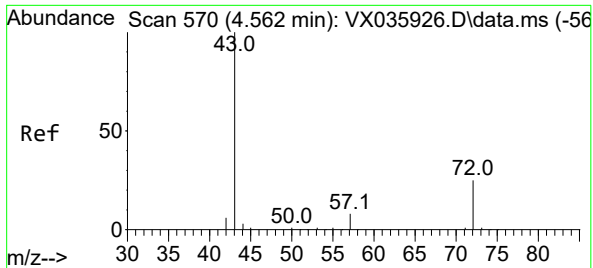
Tgt Ion: 43 Resp: 8263

Ion Ratio Lower Upper

43 100

58 31.2 22.2 33.2

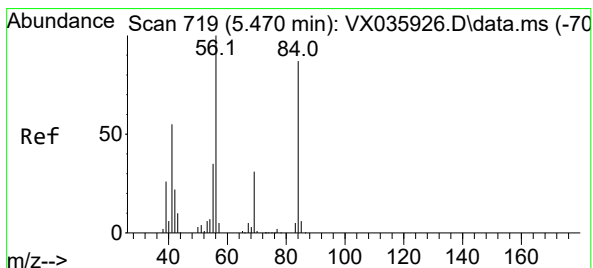
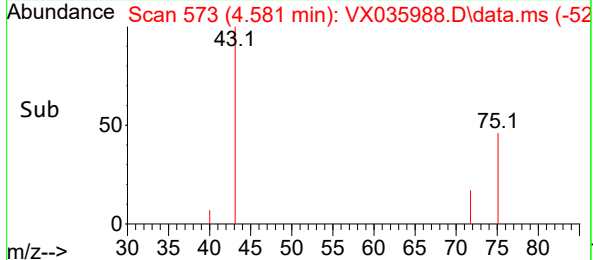
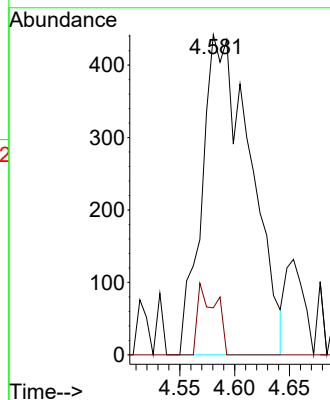
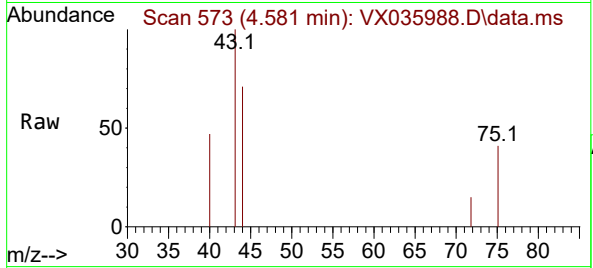




#25
2-Butanone
Concen: 0.755 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX035988.D
Acq: 02 Jun 2023 16:53

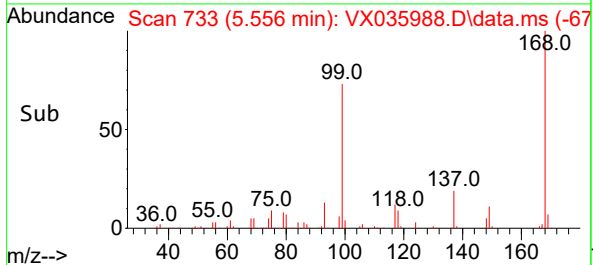
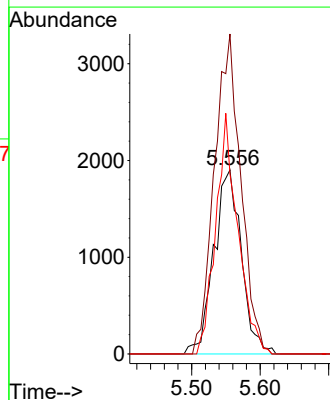
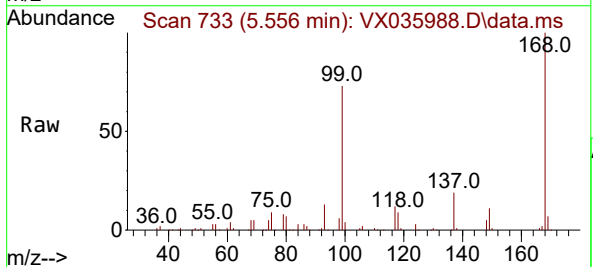
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-618-620

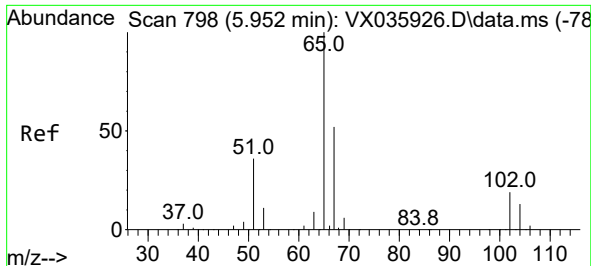
Tgt Ion: 43 Resp: 1362
Ion Ratio Lower Upper
43 100
72 14.7 19.4 29.2#



#31
Cyclohexane
Concen: 1.652 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX035988.D
Acq: 02 Jun 2023 16:53

Tgt Ion: 56 Resp: 5288
Ion Ratio Lower Upper
56 100
69 173.8 25.9 38.9#
84 97.9 67.6 101.4





#33

1,2-Dichloroethane-d4

Concen: 47.968 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035988.D

Acq: 02 Jun 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

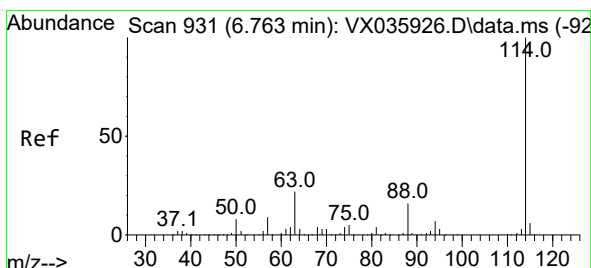
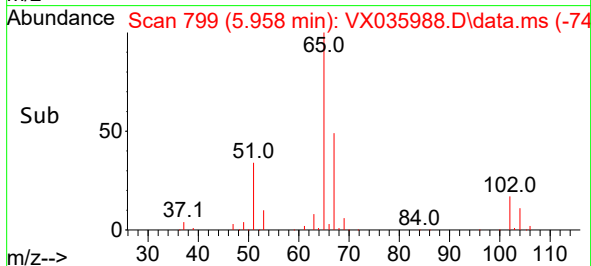
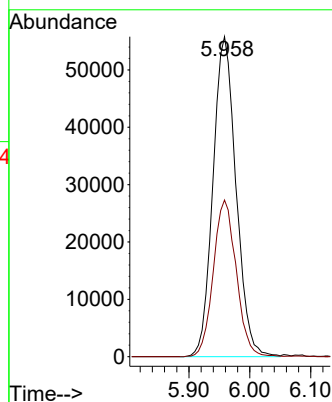
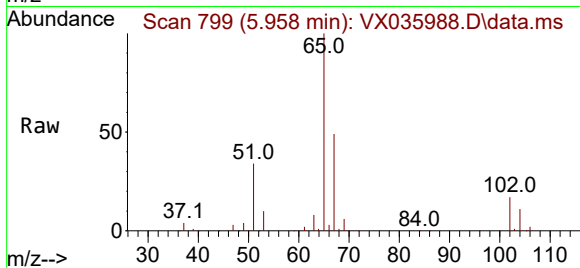
BP-VPB-RW11-GW-618-620

Tgt Ion: 65 Resp: 146621

Ion Ratio Lower Upper

65 100

67 48.6 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035988.D

Acq: 02 Jun 2023 16:53

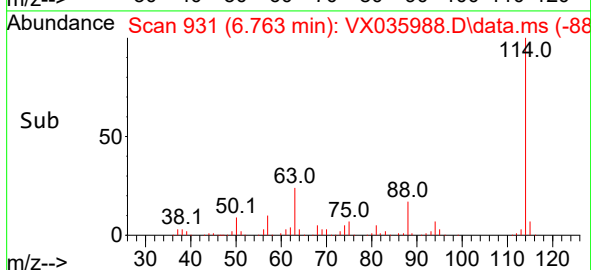
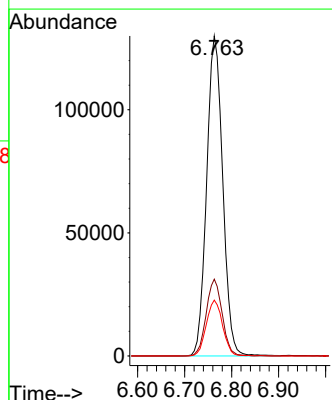
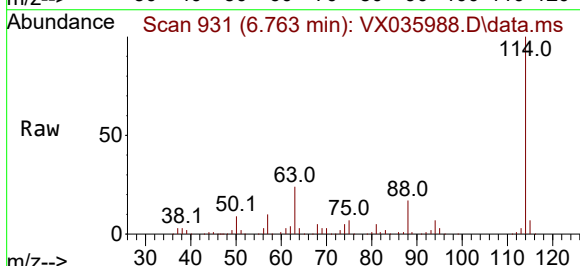
Tgt Ion: 114 Resp: 308262

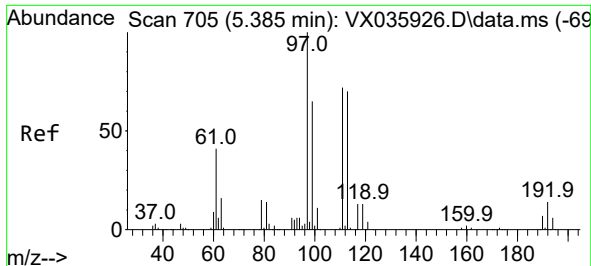
Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.0

88 17.4 0.0 35.2

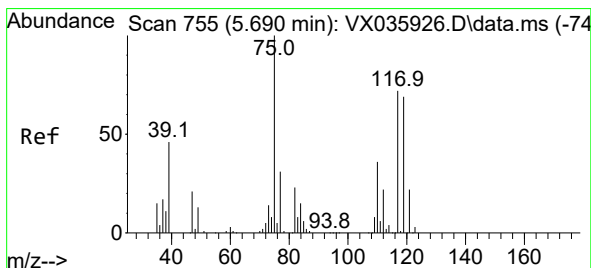
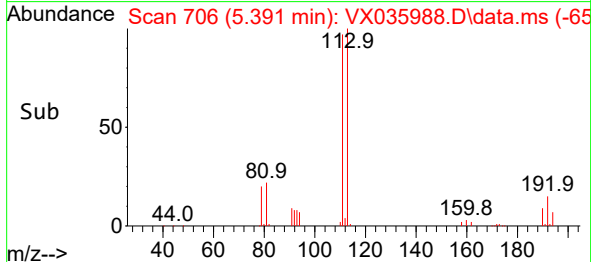
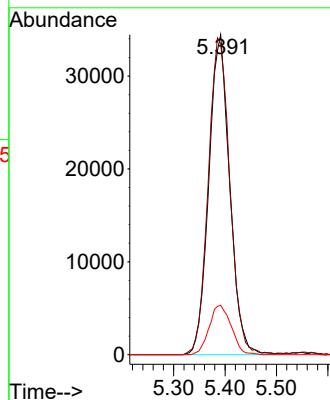
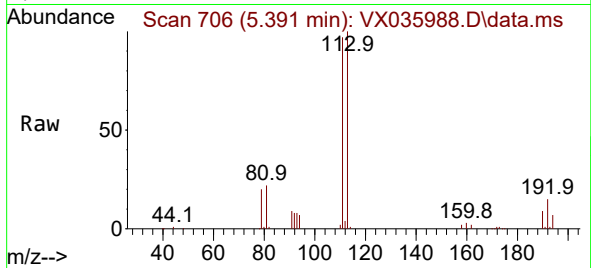




#35
Dibromofluoromethane
Concen: 46.994 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035988.D
Acq: 02 Jun 2023 16:53

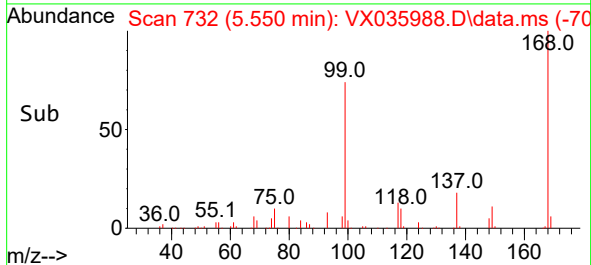
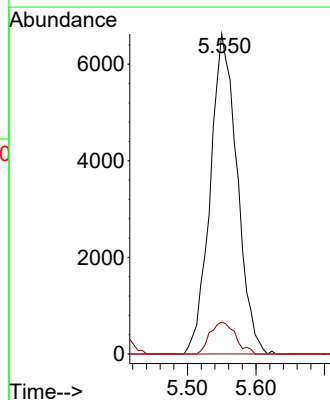
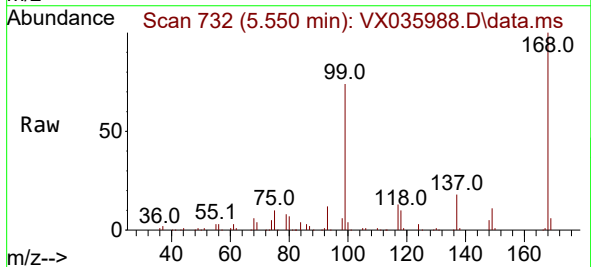
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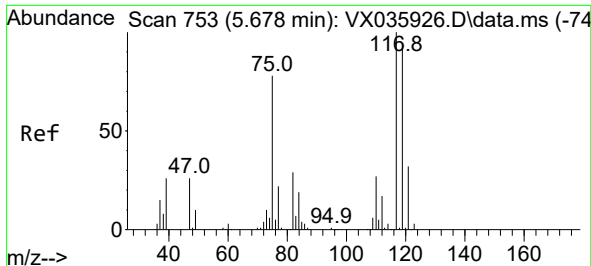
Tgt Ion:113 Resp: 97435
Ion Ratio Lower Upper
113 100
111 102.1 81.7 122.5
192 16.3 13.5 20.3



#36
1,1-Dichloropropene
Concen: 6.542 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035988.D
Acq: 02 Jun 2023 16:53

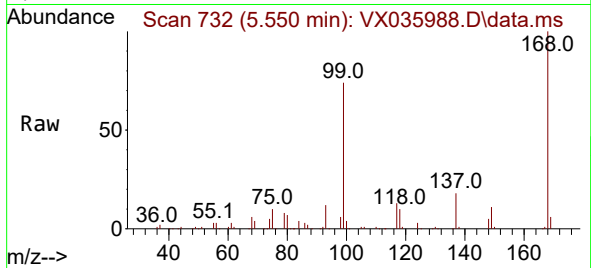
Tgt Ion: 75 Resp: 18084
Ion Ratio Lower Upper
75 100
110 9.4 16.6 49.7#
77 0.0 24.4 36.6#



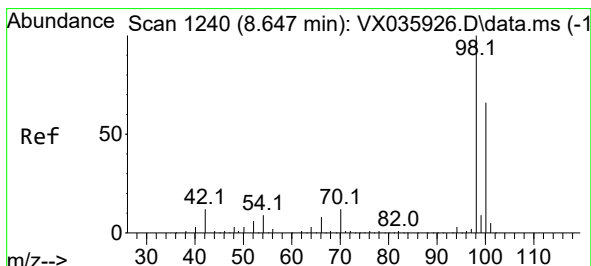
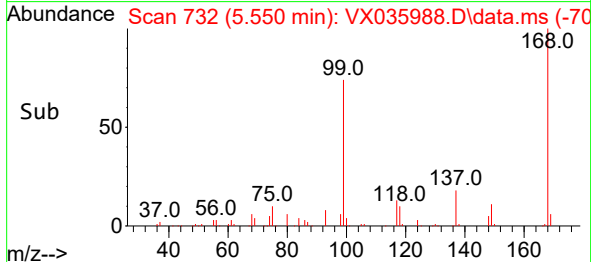
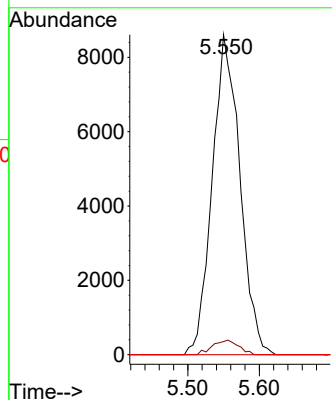


#38
Carbon Tetrachloride
Concen: 8.581 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035988.D
Acq: 02 Jun 2023 16:53

Instrument :
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ClientSampleId :
BP-VPB-RW11-GW-618-620

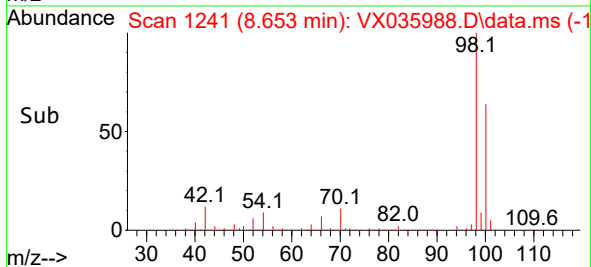
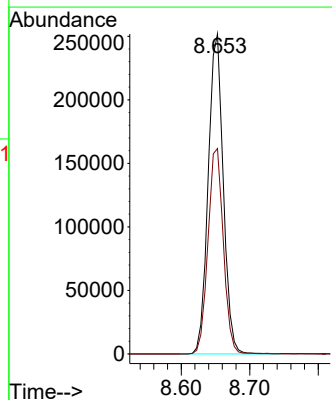
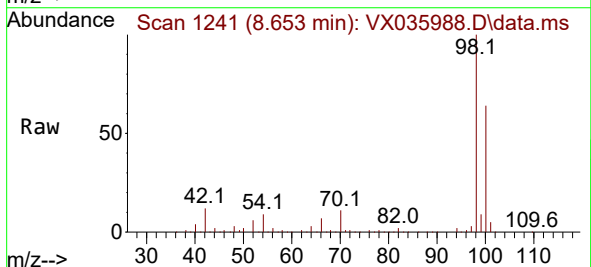


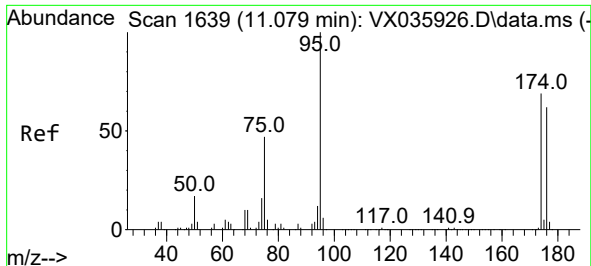
Tgt Ion:117 Resp: 23118
Ion Ratio Lower Upper
117 100
119 4.1 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 51.678 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX035988.D
Acq: 02 Jun 2023 16:53

Tgt Ion: 98 Resp: 384541
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0

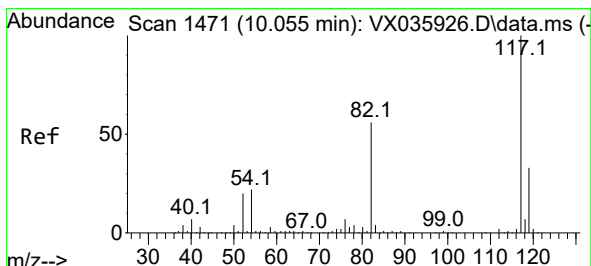
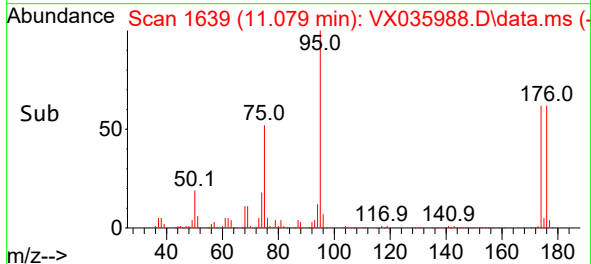
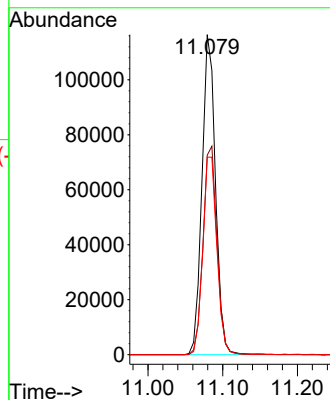
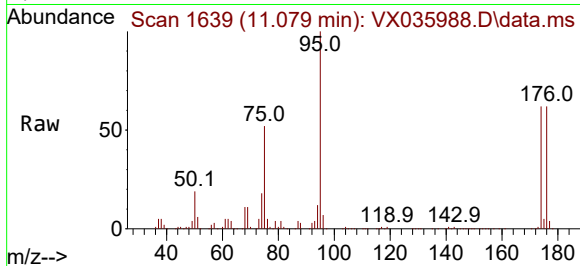




#62
4-Bromofluorobenzene
Concen: 49.712 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035988.D
Acq: 02 Jun 2023 16:53

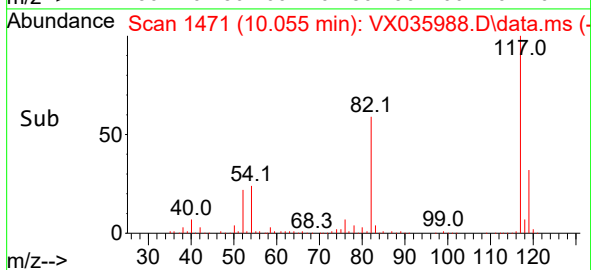
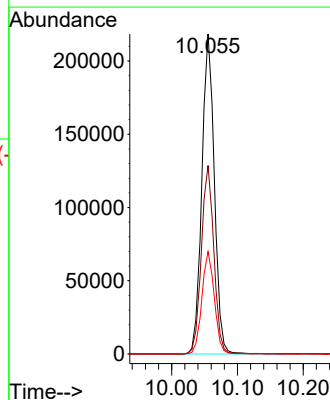
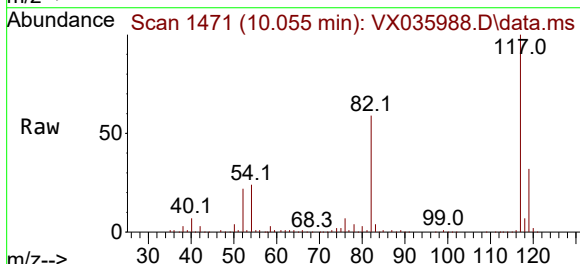
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-618-620

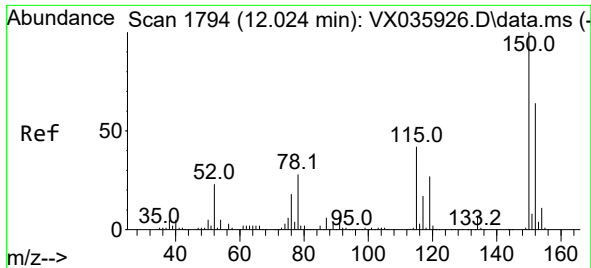
Tgt Ion: 95 Resp: 146025
Ion Ratio Lower Upper
95 100
174 67.3 0.0 132.6
176 64.6 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035988.D
Acq: 02 Jun 2023 16:53

Tgt Ion: 117 Resp: 287862
Ion Ratio Lower Upper
117 100
82 58.9 46.6 69.8
119 32.0 25.4 38.2

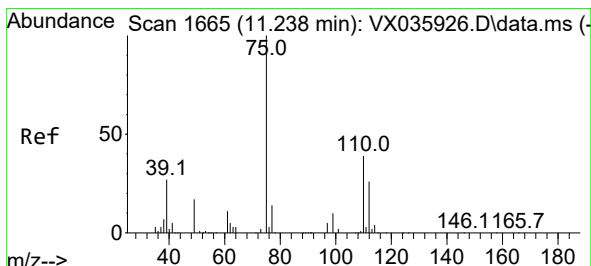
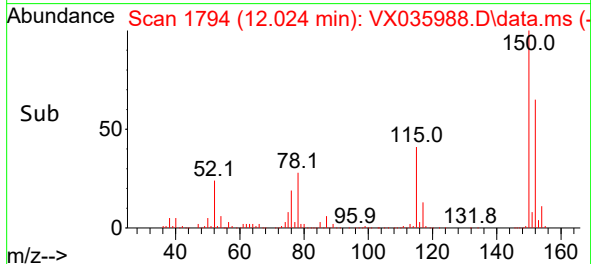
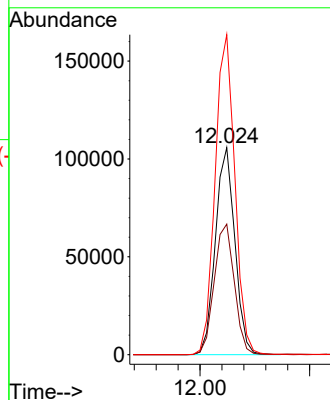
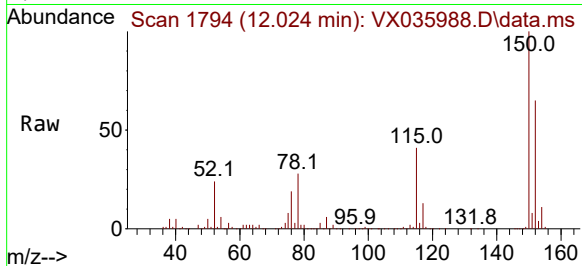




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX035988.D
 Acq: 02 Jun 2023 16:53

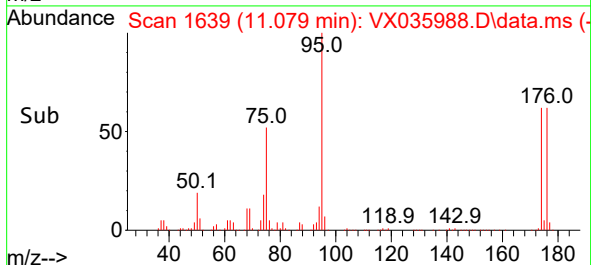
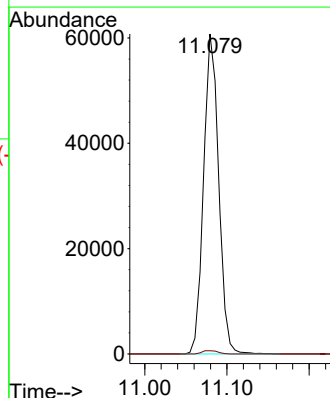
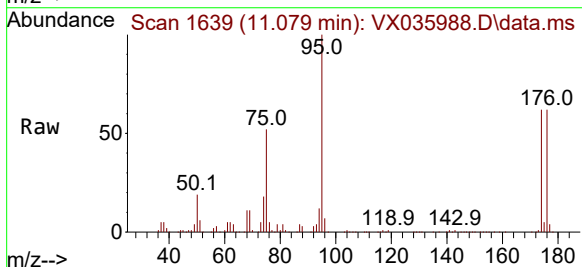
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-GW-618-620

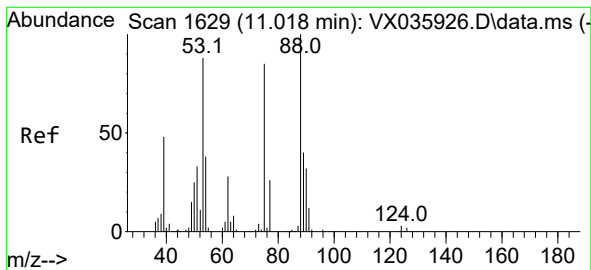
Tgt Ion:152 Resp: 130776
 Ion Ratio Lower Upper
 152 100
 115 65.2 45.5 136.5
 150 157.0 0.0 345.2



#76
 1,2,3-Trichloropropane
 Concen: 26.244 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX035988.D
 Acq: 02 Jun 2023 16:53

Tgt Ion: 75 Resp: 77407
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.4 64.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.396 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035988.D
 Acq: 02 Jun 2023 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-GW-618-620

Tgt Ion: 75 Resp: 77407
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.2 142.8#
 89 0.0 38.0 57.0#

