

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060223\
 Data File : VX035985.D
 Acq On : 02 Jun 2023 15:42
 Operator : JC/MD
 Sample : 03022-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-GW-558-560

Quant Time: Jun 05 01:36:15 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)

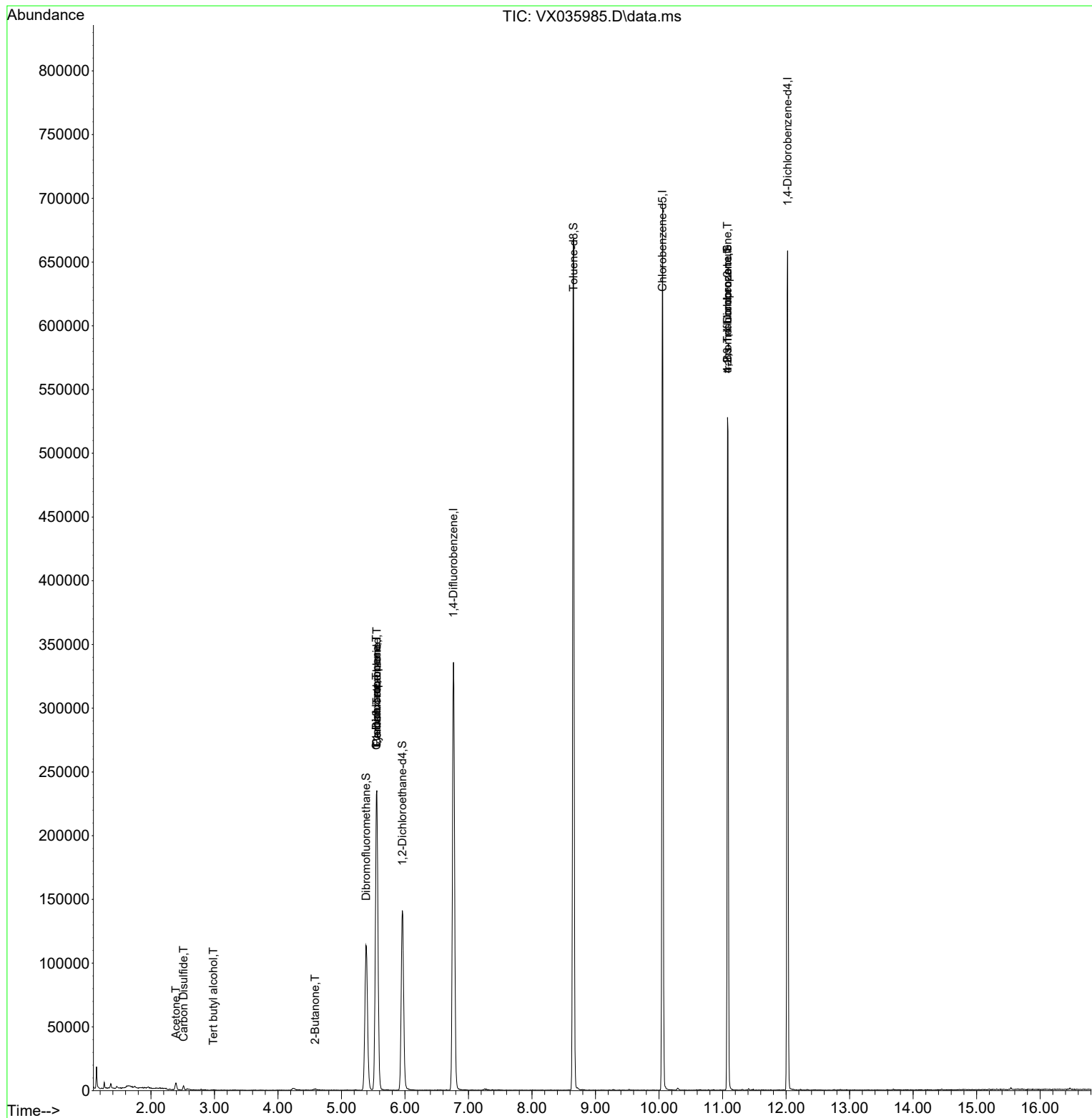
Internal Standards						
1) Pentafluorobenzene	5.555	168	206019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	331413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	292005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142530	42.604	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.200%
35) Dibromofluoromethane	5.385	113	100175	44.940	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.880%
50) Toluene-d8	8.652	98	389498	48.687	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.380%
62) 4-Bromofluorobenzene	11.079	95	146556	46.407	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.983	59	453	0.762	ug/l #	78
16) Acetone	2.391	43	6625	4.800	ug/l #	89
17) Carbon Disulfide	2.513	76	3825	0.739	ug/l #	92
25) 2-Butanone	4.586	43	2065	1.045	ug/l #	83
31) Cyclohexane	5.549	56	5081	1.451	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	18134	6.101	ug/l #	52
38) Carbon Tetrachloride	5.555	117	23392	8.076	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	77952	27.682	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	77952	93.242	ug/l #	3

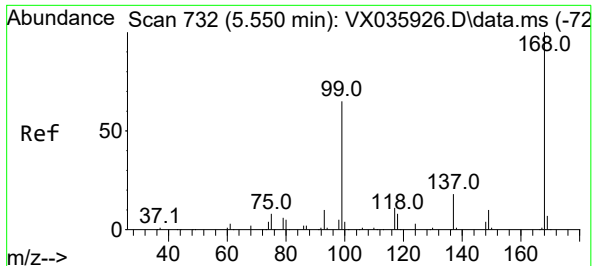
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-RW11-GW-558-560

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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

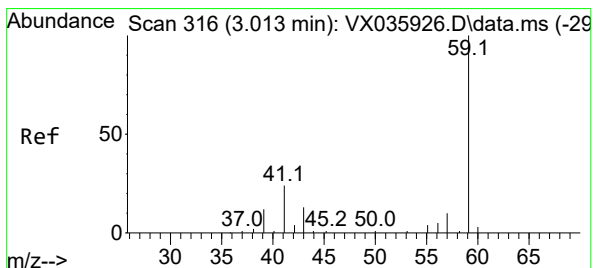
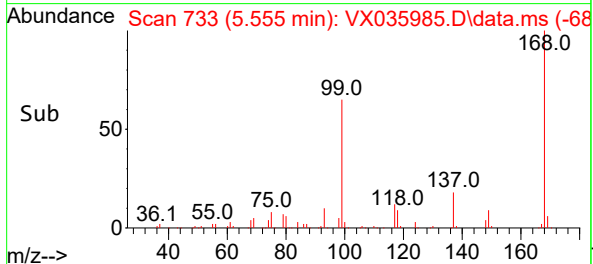
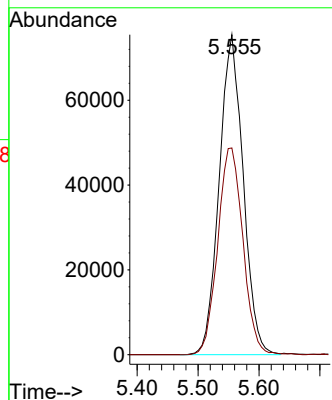
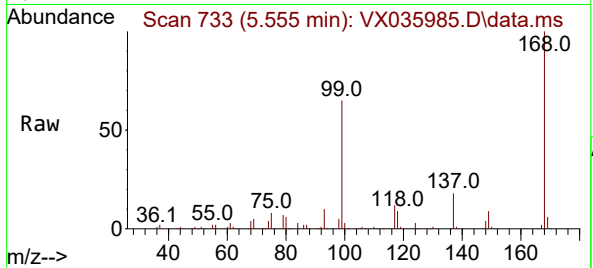




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035985.D
Acq: 02 Jun 2023 15:42

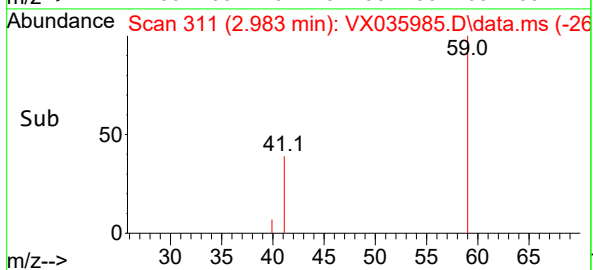
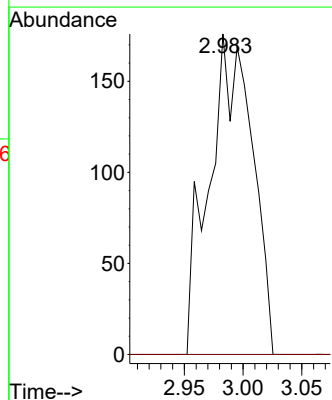
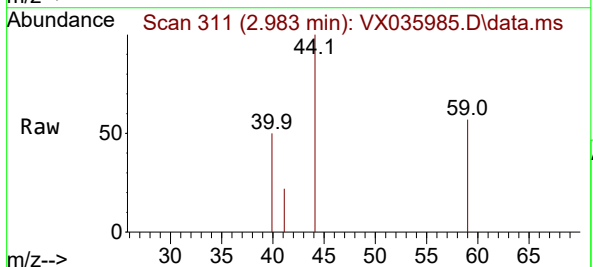
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-558-560

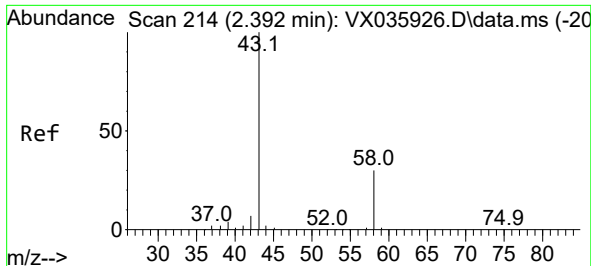
Tgt Ion:168 Resp: 206019
Ion Ratio Lower Upper
168 100
99 64.6 57.0 85.6



#11
Tert butyl alcohol
Concen: 0.762 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.024 min
Lab File: VX035985.D
Acq: 02 Jun 2023 15:42

Tgt Ion: 59 Resp: 453
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

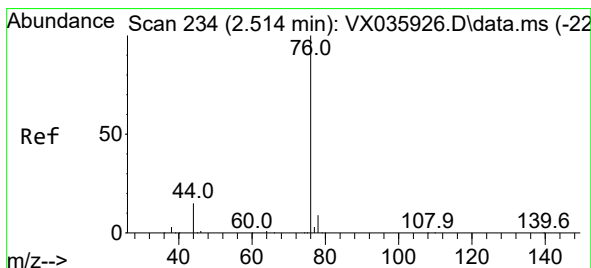
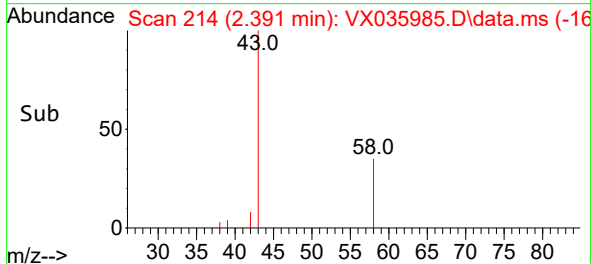
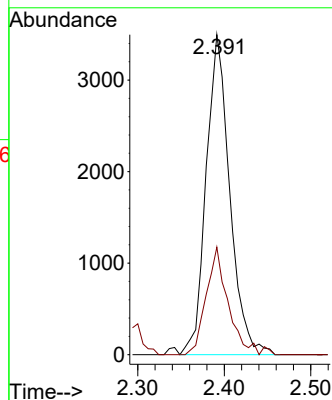
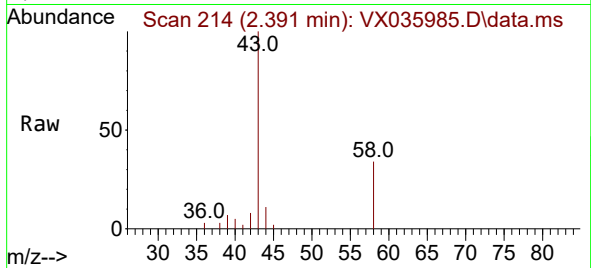




#16
Acetone
Concen: 4.800 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX035985.D
Acq: 02 Jun 2023 15:42

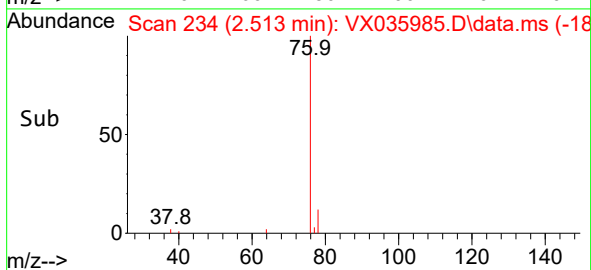
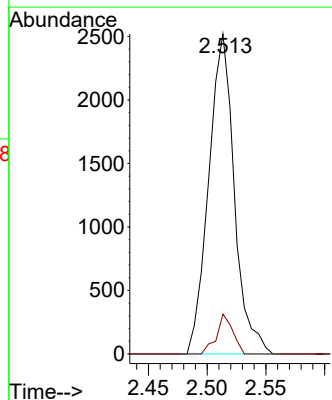
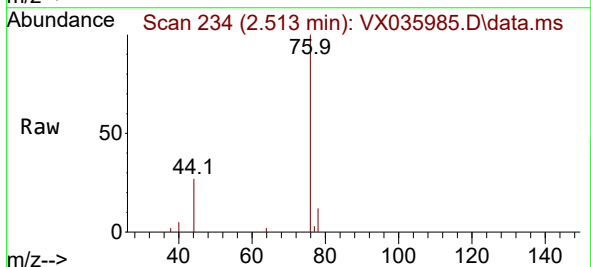
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-558-560

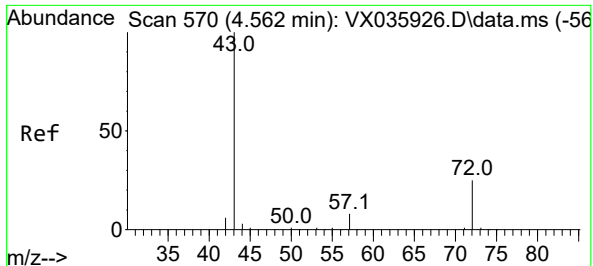
Tgt Ion: 43 Resp: 6625
Ion Ratio Lower Upper
43 100
58 33.6 22.2 33.2#



#17
Carbon Disulfide
Concen: 0.739 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX035985.D
Acq: 02 Jun 2023 15:42

Tgt Ion: 76 Resp: 3825
Ion Ratio Lower Upper
76 100
78 12.4 7.6 11.4#





#25

2-Butanone

Concen: 1.045 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX035985.D

Acq: 02 Jun 2023 15:42

Instrument :

MSVOA_X

ClientSampleId :

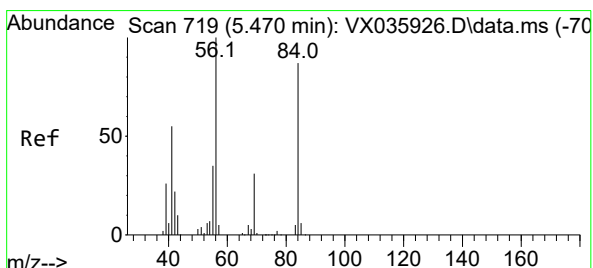
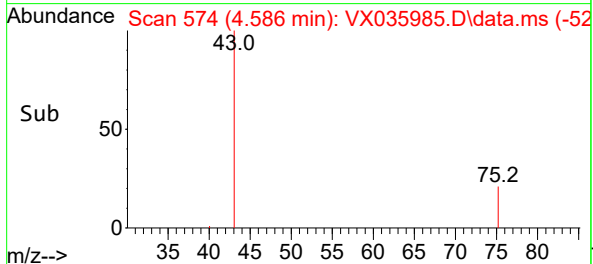
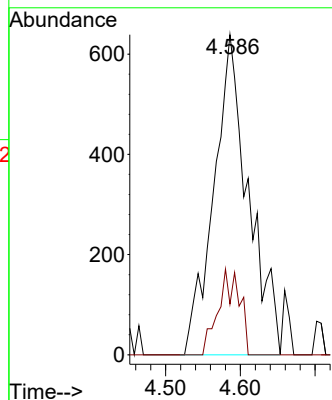
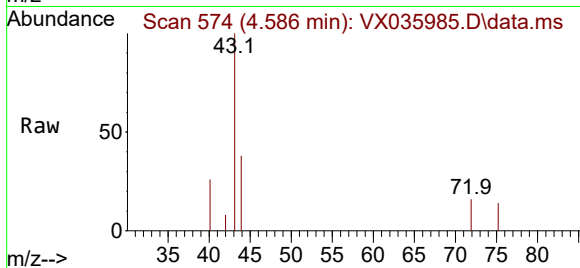
BP-VPB-RW11-GW-558-560

Tgt Ion: 43 Resp: 2065

Ion Ratio Lower Upper

43 100

72 15.8 19.4 29.2#



#31

Cyclohexane

Concen: 1.451 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX035985.D

Acq: 02 Jun 2023 15:42

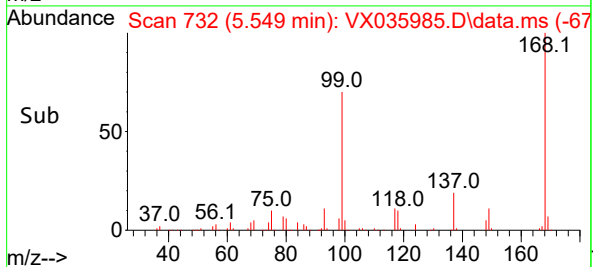
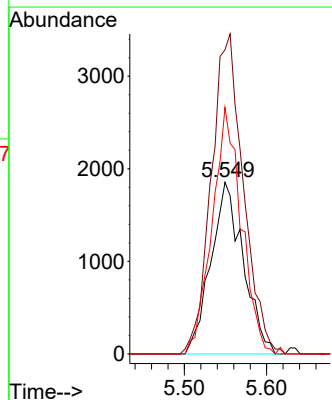
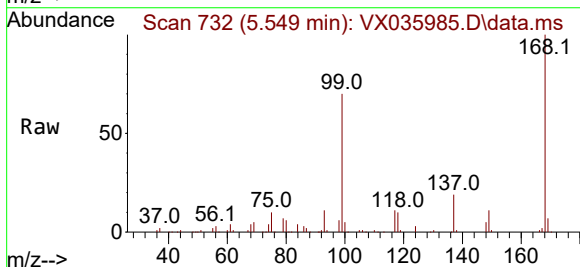
Tgt Ion: 56 Resp: 5081

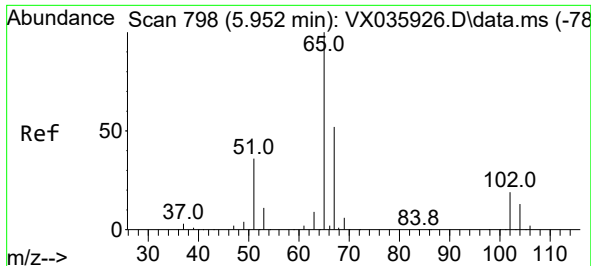
Ion Ratio Lower Upper

56 100

69 177.1 25.9 38.9#

84 143.6 67.6 101.4#

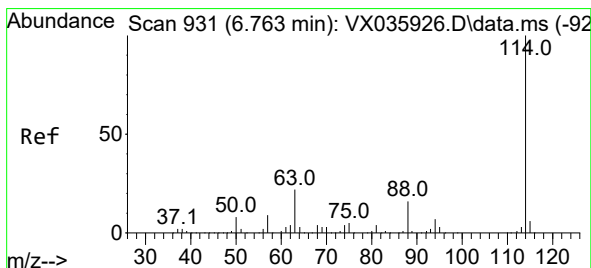
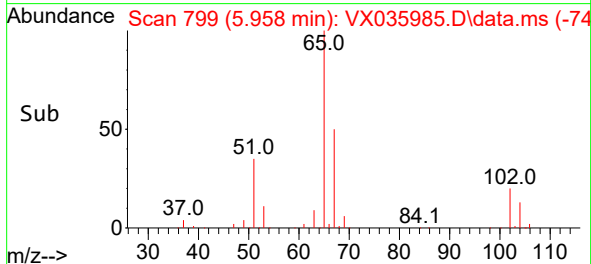
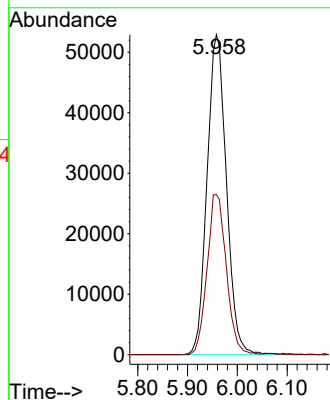
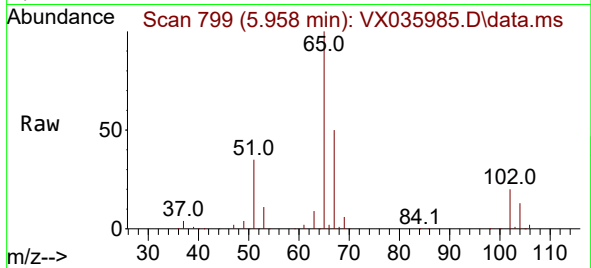




#33
 1,2-Dichloroethane-d4
 Concen: 42.604 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX035985.D
 Acq: 02 Jun 2023 15:42

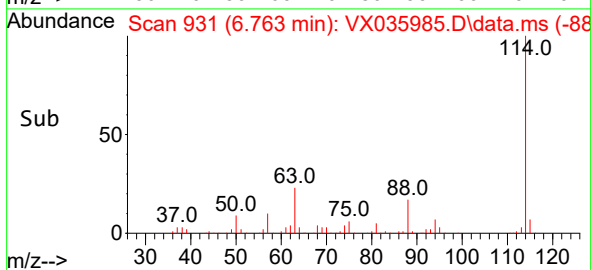
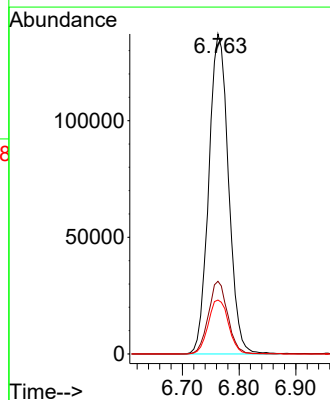
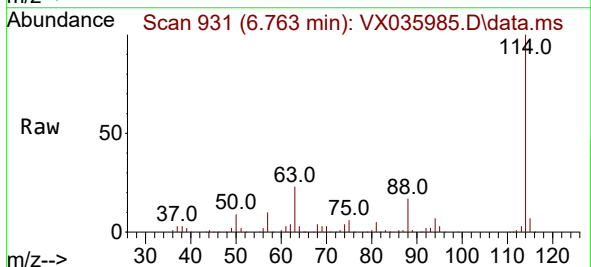
Instrument :
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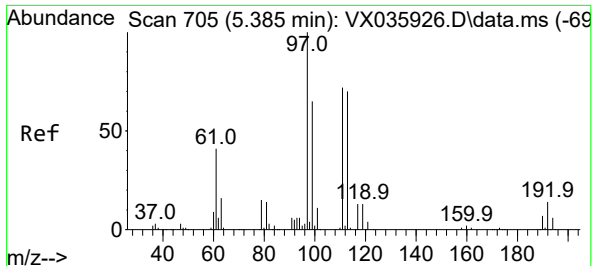
Tgt Ion: 65 Resp: 142530
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035985.D
 Acq: 02 Jun 2023 15:42

Tgt Ion: 114 Resp: 331413
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 46.0
 88 16.9 0.0 35.2

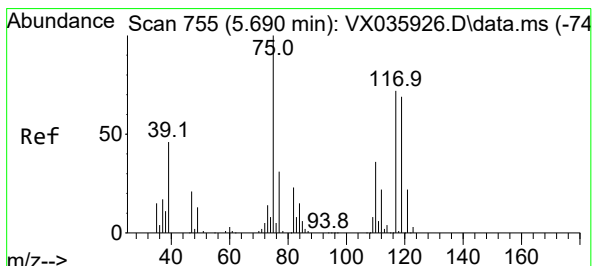
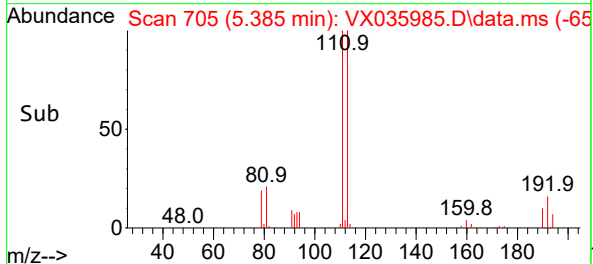
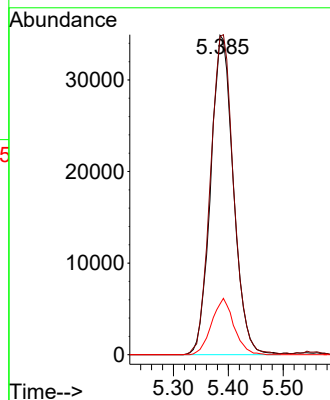
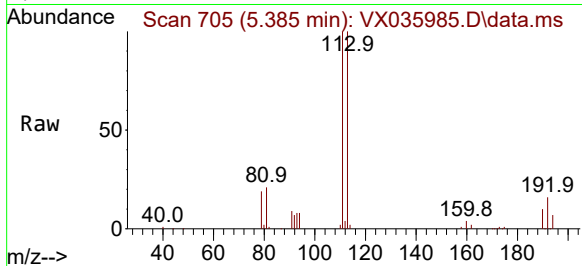




#35
Dibromofluoromethane
Concen: 44.940 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035985.D
Acq: 02 Jun 2023 15:42

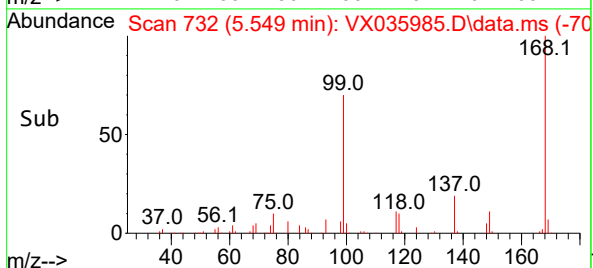
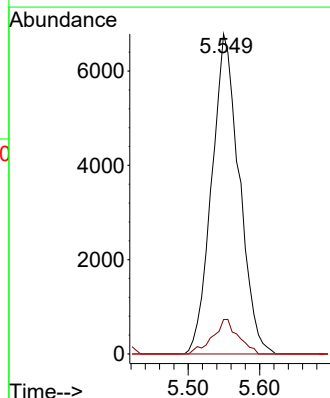
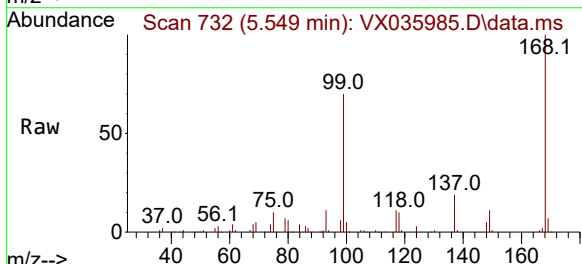
Instrument :
MSVOA_X
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BP-VPB-RW11-GW-558-560

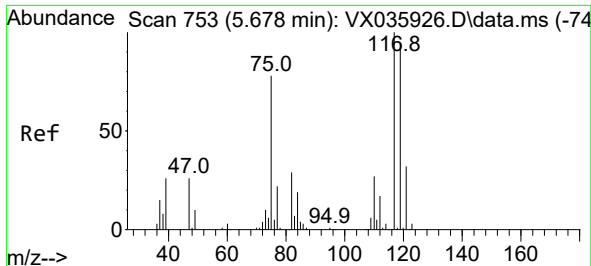
Tgt Ion:113 Resp: 100175
Ion Ratio Lower Upper
113 100
111 102.3 81.7 122.5
192 17.3 13.5 20.3



#36
1,1-Dichloropropene
Concen: 6.101 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX035985.D
Acq: 02 Jun 2023 15:42

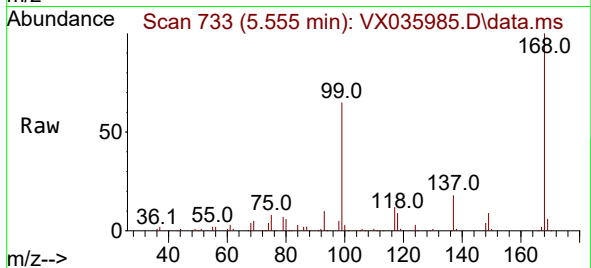
Tgt Ion: 75 Resp: 18134
Ion Ratio Lower Upper
75 100
110 10.0 16.6 49.7#
77 0.0 24.4 36.6#



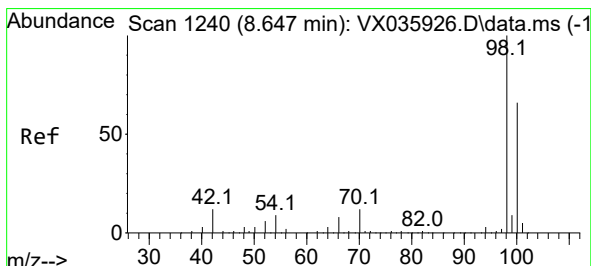
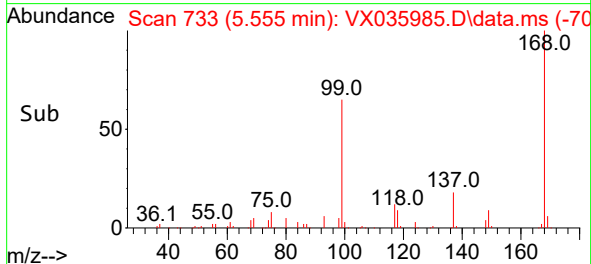
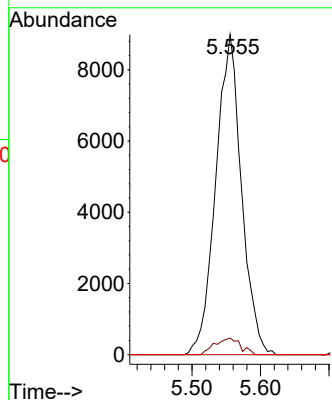


#38
Carbon Tetrachloride
Concen: 8.076 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX035985.D
Acq: 02 Jun 2023 15:42

Instrument :
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ClientSampleId :
BP-VPB-RW11-GW-558-560

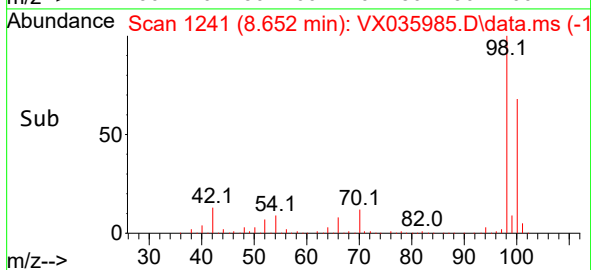
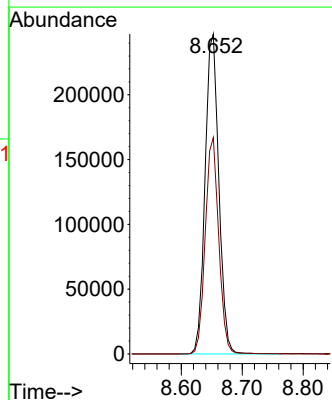
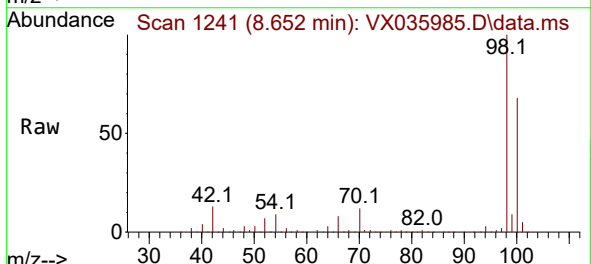


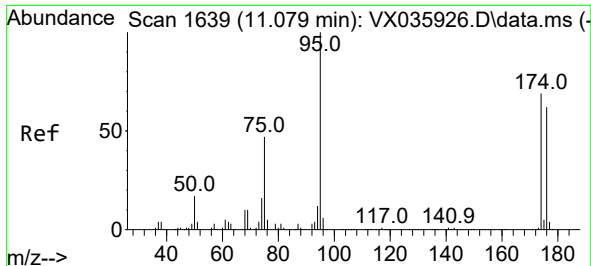
Tgt Ion:117 Resp: 23392
Ion Ratio Lower Upper
117 100
119 5.2 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 48.687 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX035985.D
Acq: 02 Jun 2023 15:42

Tgt Ion: 98 Resp: 389498
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.0

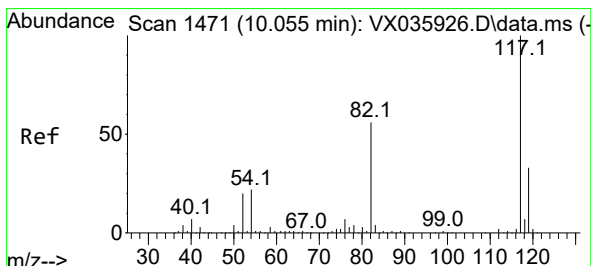
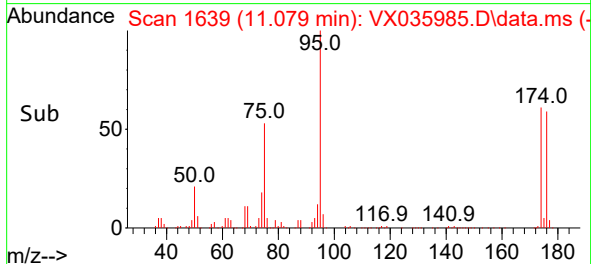
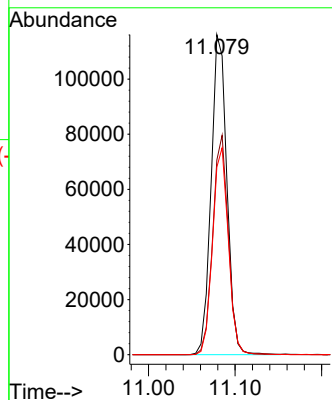
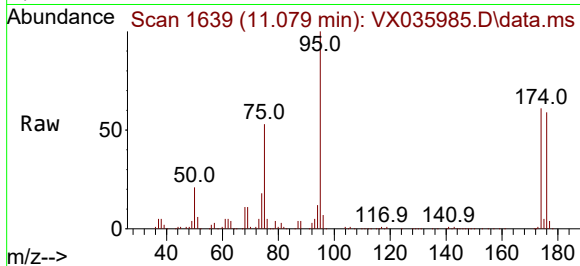




#62
4-Bromofluorobenzene
Concen: 46.407 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035985.D
Acq: 02 Jun 2023 15:42

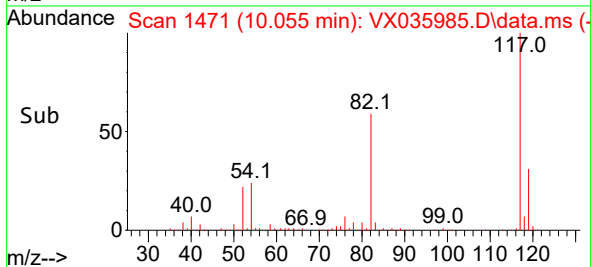
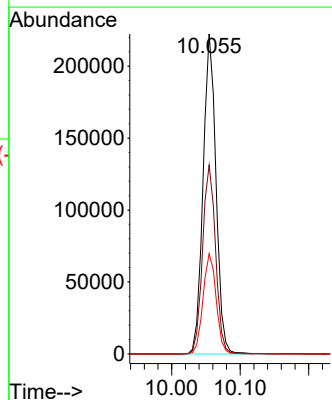
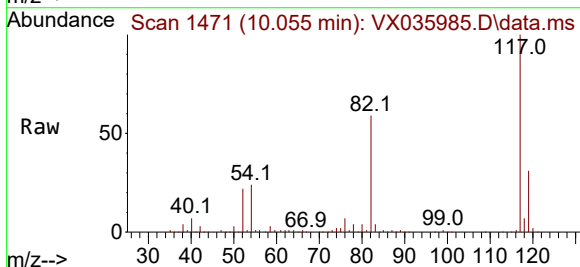
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-558-560

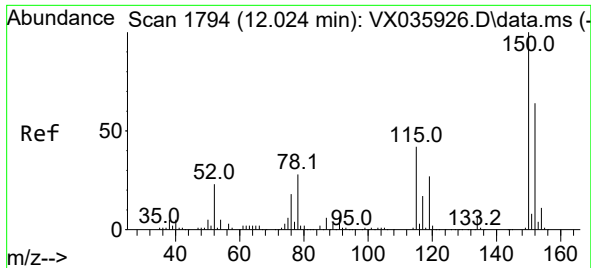
Tgt Ion: 95 Resp: 146556
Ion Ratio Lower Upper
95 100
174 68.2 0.0 132.6
176 64.8 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035985.D
Acq: 02 Jun 2023 15:42

Tgt Ion: 117 Resp: 292005
Ion Ratio Lower Upper
117 100
82 59.1 46.6 69.8
119 31.4 25.4 38.2

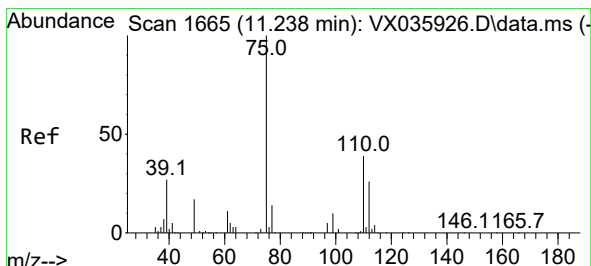
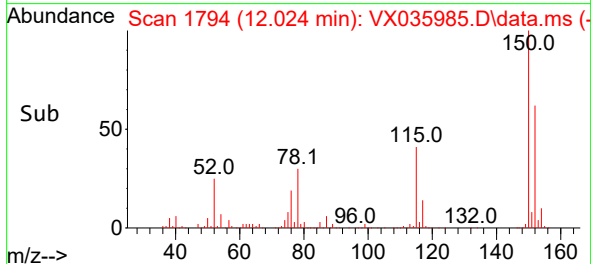
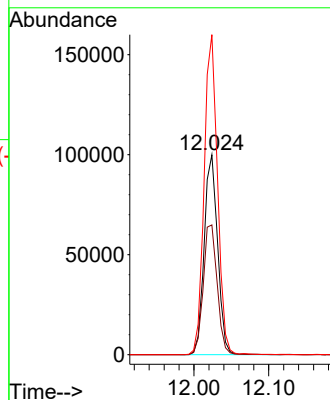
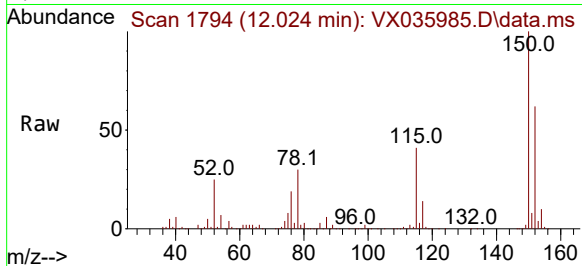




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035985.D
 Acq: 02 Jun 2023 15:42

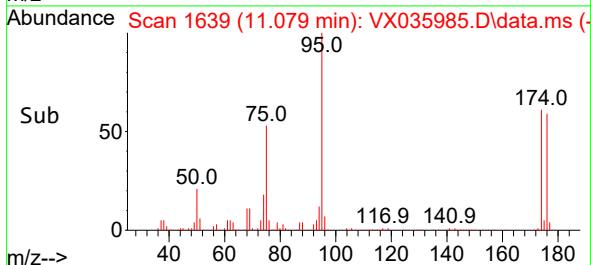
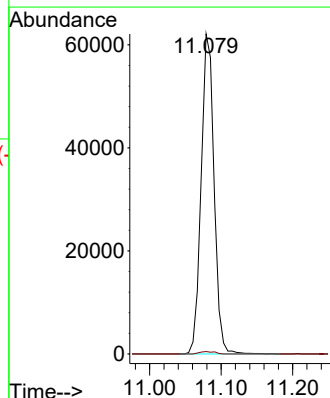
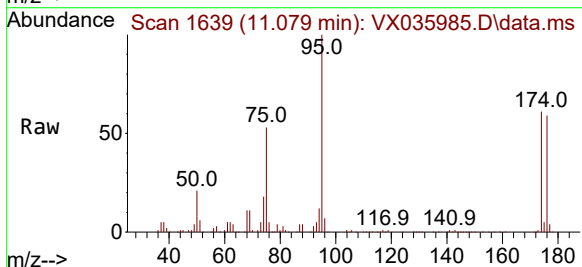
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-GW-558-560

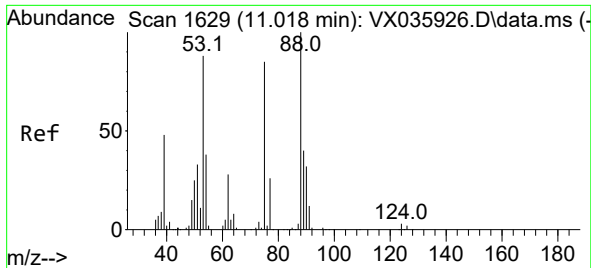
Tgt Ion:152 Resp: 124852
 Ion Ratio Lower Upper
 152 100
 115 67.1 45.5 136.5
 150 159.0 0.0 345.2



#76
 1,2,3-Trichloropropane
 Concen: 27.682 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX035985.D
 Acq: 02 Jun 2023 15:42

Tgt Ion: 75 Resp: 77952
 Ion Ratio Lower Upper
 75 100
 77 0.9 21.4 64.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.242 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035985.D
 Acq: 02 Jun 2023 15:42

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-GW-558-560

Tgt Ion: 75 Resp: 77952
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.2 142.8#
 89 0.0 38.0 57.0#

