

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX036003.D
 Acq On : 05 Jun 2023 14:55
 Operator : JC/MD
 Sample : 03022-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-DUP-20230531

Quant Time: Jun 06 06:45:11 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)

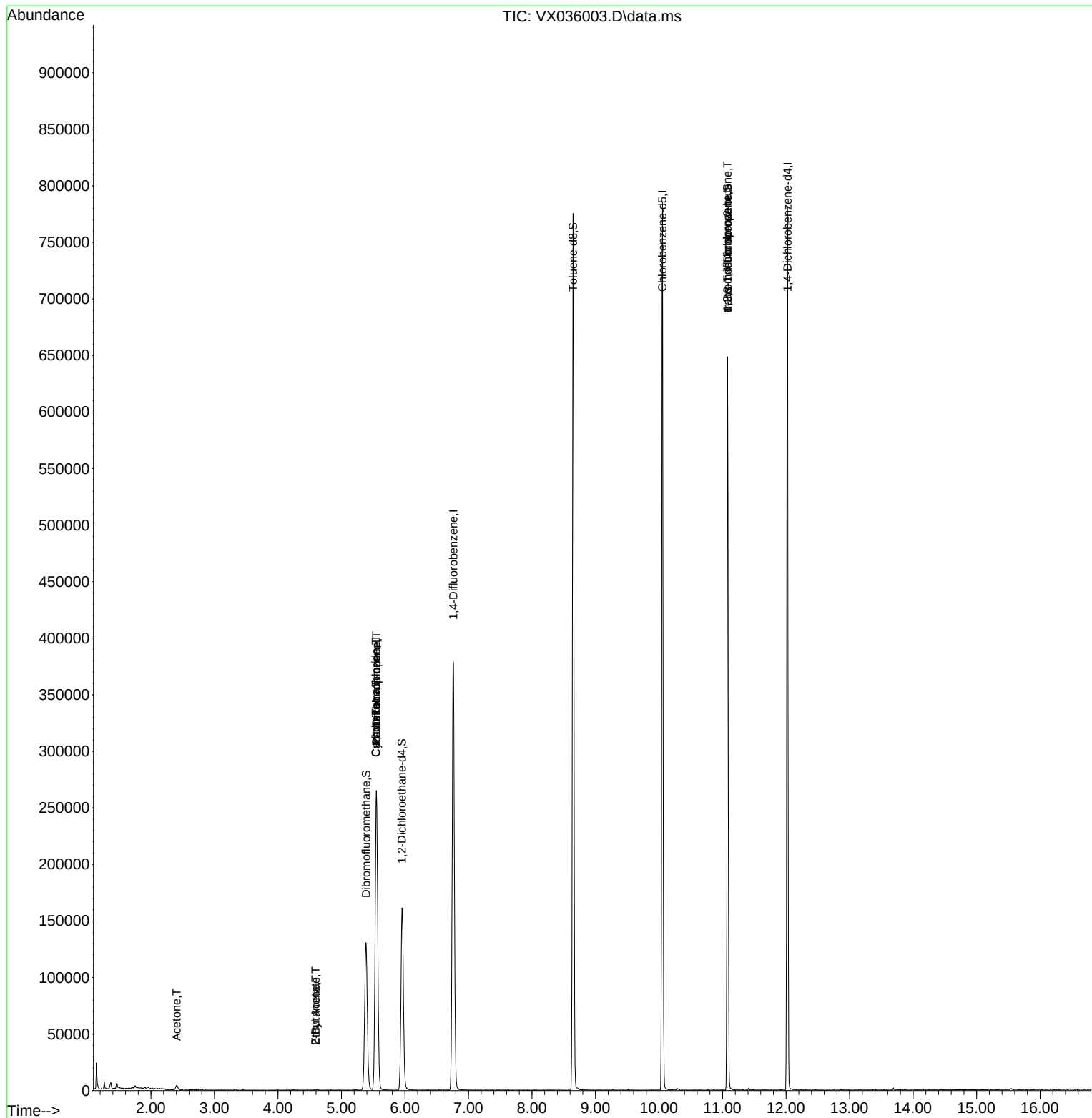
Internal Standards						
1) Pentafluorobenzene	5.550	168	228700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	377642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	339005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	166374	44.799	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.600%
35) Dibromofluoromethane	5.385	113	113874	44.832	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.660%
50) Toluene-d8	8.647	98	444467	48.757	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.520%
62) 4-Bromofluorobenzene	11.079	95	172477	47.929	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.860%
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	6558	4.280	ug/l	97
25) 2-Butanone	4.593	43	1290	0.588	ug/l #	51
31) Cyclohexane	5.544	56	6216	1.599	ug/l #	31
36) 1,1-Dichloropropene	5.550	75	21517	6.353	ug/l #	51
37) Ethyl Acetate	4.593	43	1290	0.342	ug/l #	70
38) Carbon Tetrachloride	5.544	117	26392	7.997	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	89890	26.768	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	89890	90.163	ug/l #	3

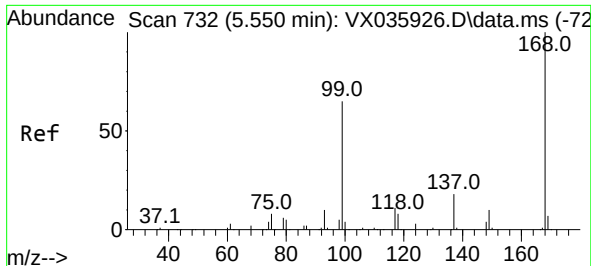
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 06 06:45:11 2023
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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: 5.550 min Scan# 71

Delta R.T. 0.001 min

Lab File: VX036003.D

Acq: 05 Jun 2023 14:55

Instrument :

MSVOA_X

ClientSampleId :

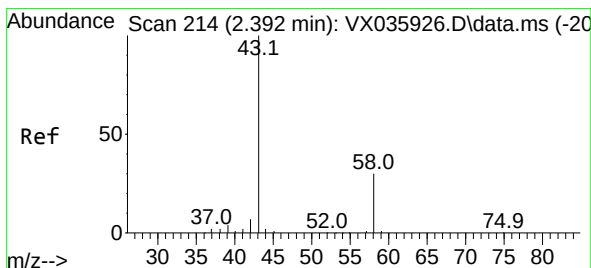
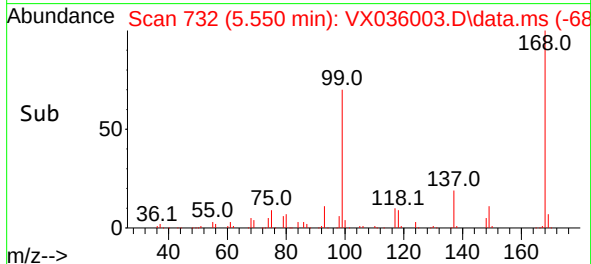
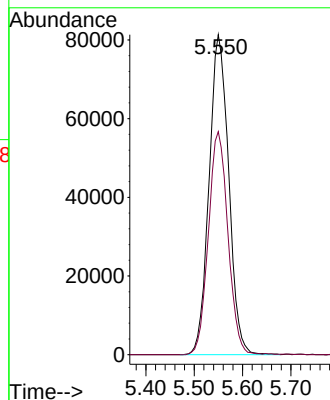
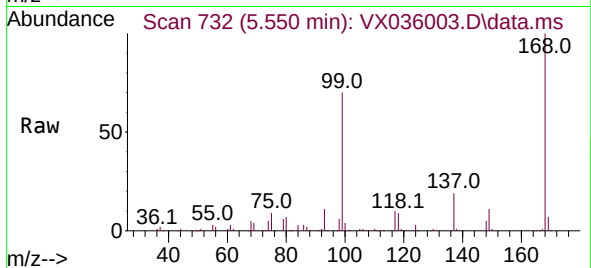
BP-VPB-RW11-DUP-20230531

Tgt Ion:168 Resp: 228700

Ion Ratio Lower Upper

168 100

99 69.7 57.0 85.6



#16

Acetone

Concen: 4.280 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.013 min

Lab File: VX036003.D

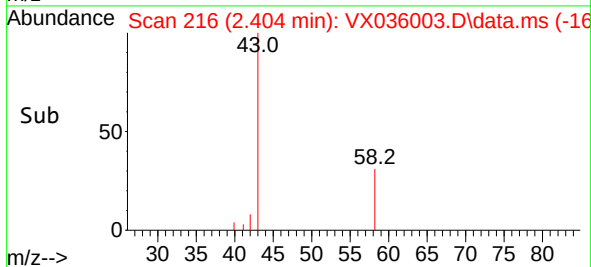
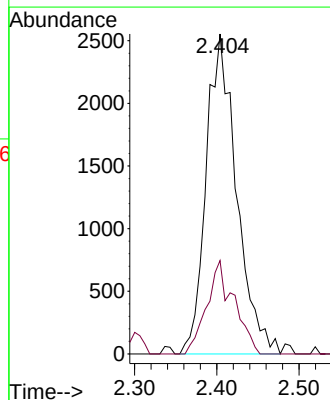
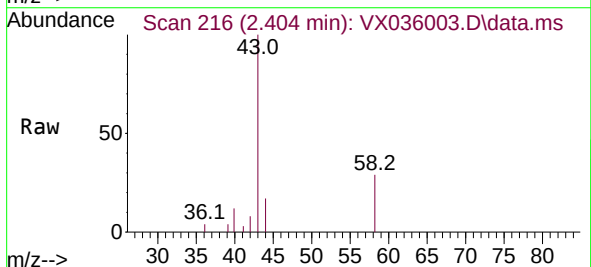
Acq: 05 Jun 2023 14:55

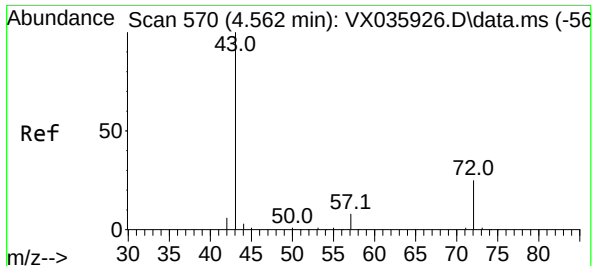
Tgt Ion: 43 Resp: 6558

Ion Ratio Lower Upper

43 100

58 29.2 22.2 33.2

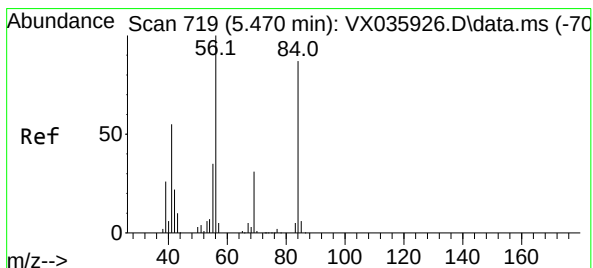
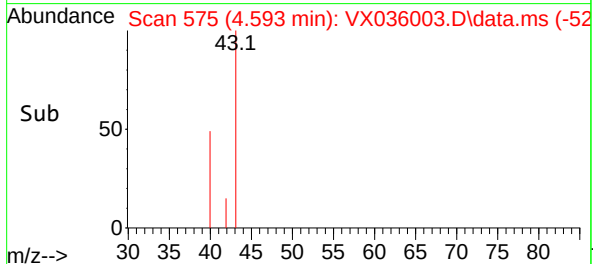
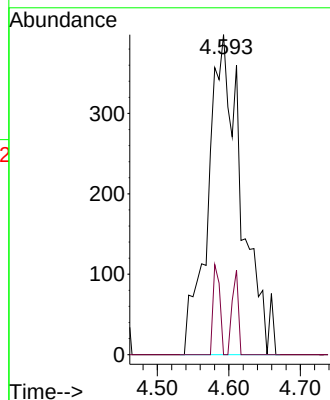
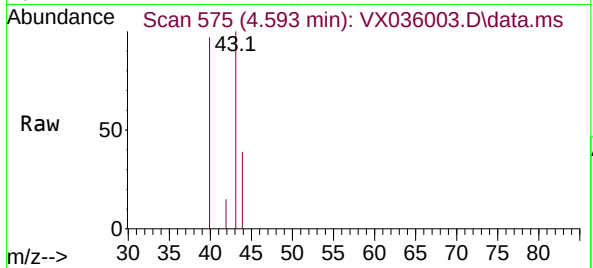




#25
2-Butanone
Concen: 0.588 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX036003.D
Acq: 05 Jun 2023 14:55

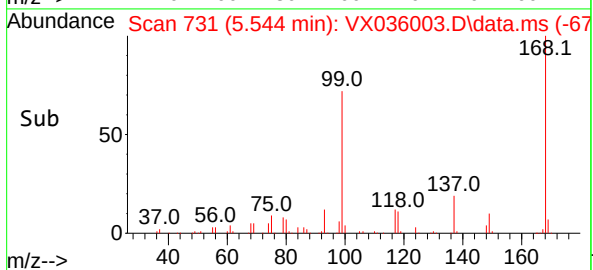
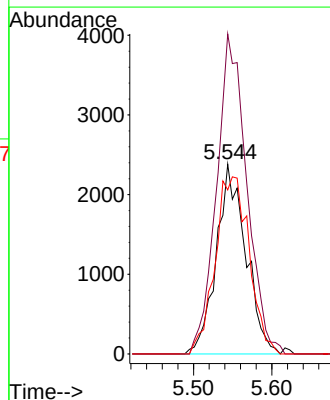
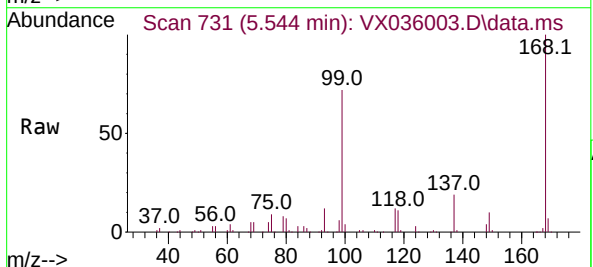
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-DUP-20230531

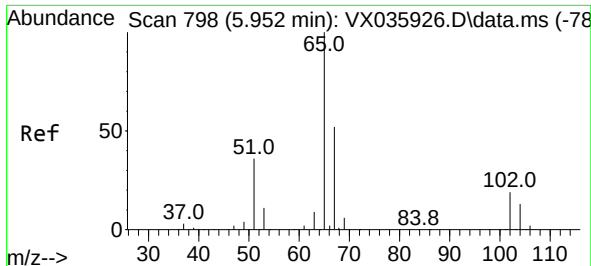
Tgt Ion: 43 Resp: 1290
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.599 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX036003.D
Acq: 05 Jun 2023 14:55

Tgt Ion: 56 Resp: 6216
Ion Ratio Lower Upper
56 100
69 168.7 25.9 38.9#
84 86.5 67.6 101.4

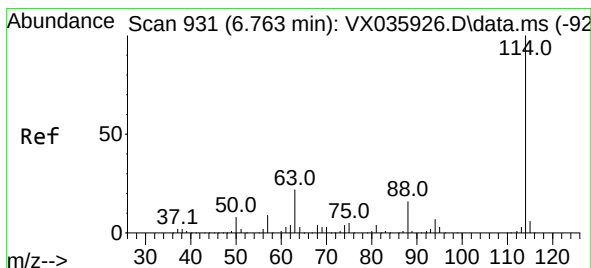
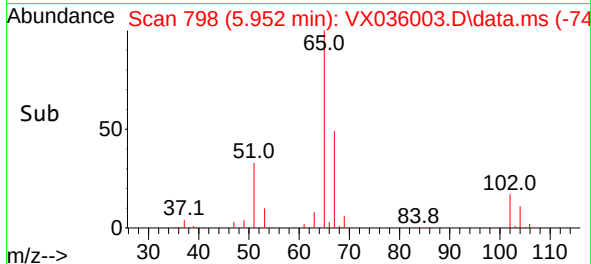
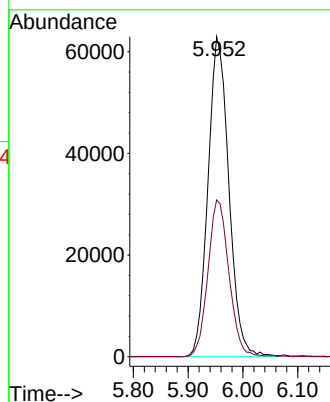
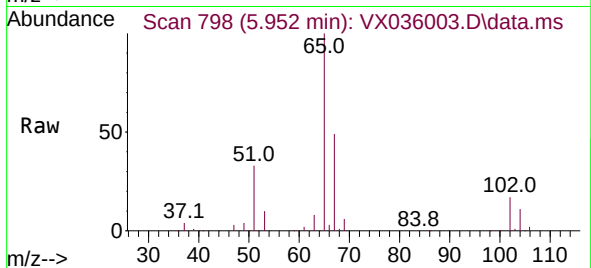




#33
 1,2-Dichloroethane-d4
 Concen: 44.799 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX036003.D
 Acq: 05 Jun 2023 14:55

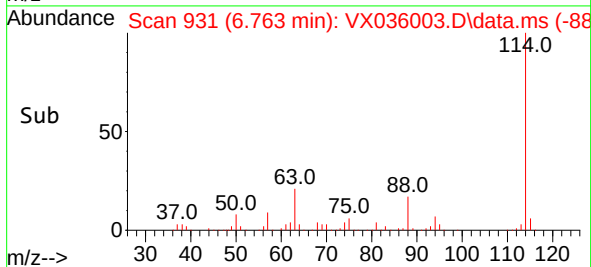
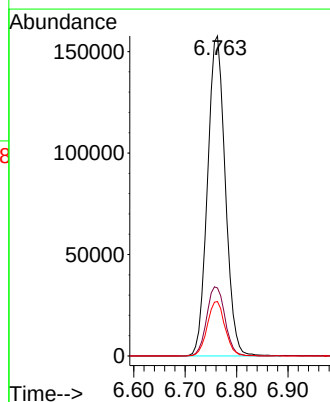
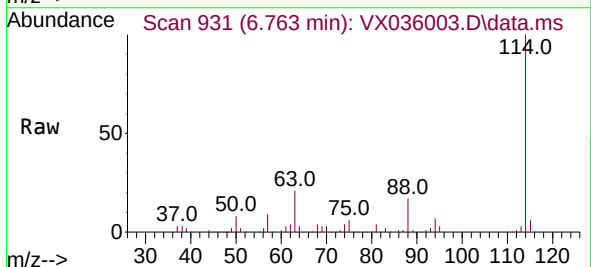
Instrument : MSVOA_X
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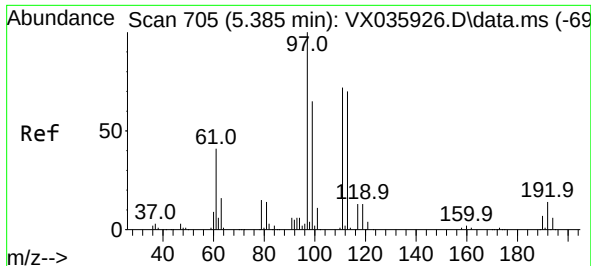
Tgt Ion: 65 Resp: 166374
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036003.D
 Acq: 05 Jun 2023 14:55

Tgt Ion: 114 Resp: 377642
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 46.0
 88 17.0 0.0 35.2

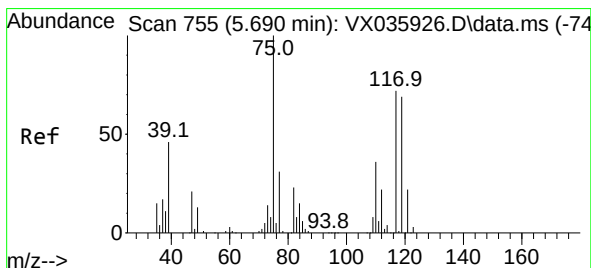
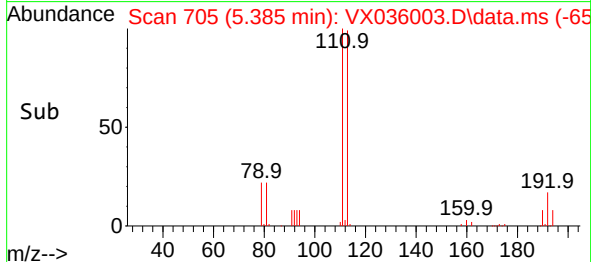
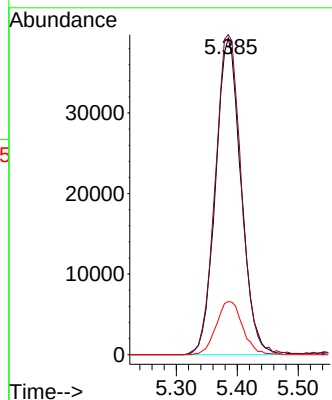
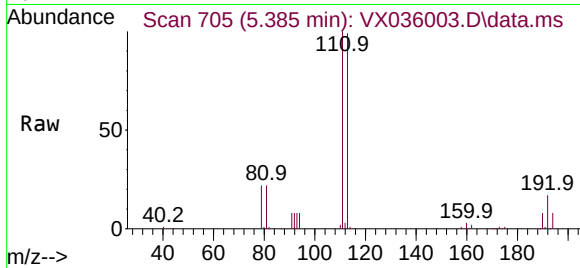




#35
Dibromofluoromethane
Concen: 44.832 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036003.D
Acq: 05 Jun 2023 14:55

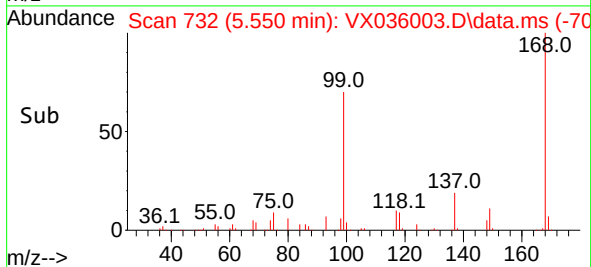
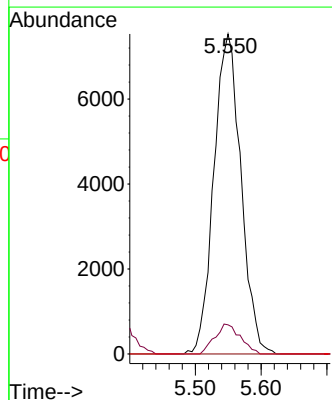
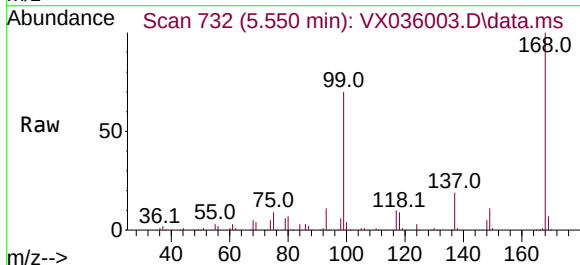
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-DUP-20230531

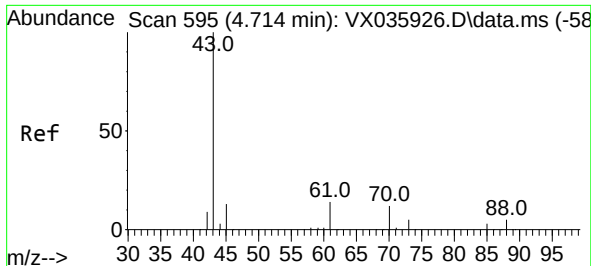
Tgt Ion:113 Resp: 113874
Ion Ratio Lower Upper
113 100
111 103.6 81.7 122.5
192 17.4 13.5 20.3



#36
1,1-Dichloropropene
Concen: 6.353 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX036003.D
Acq: 05 Jun 2023 14:55

Tgt Ion: 75 Resp: 21517
Ion Ratio Lower Upper
75 100
110 8.8 16.6 49.7#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.342 ug/l

RT: 4.593 min Scan# 51

Delta R.T. -0.115 min

Lab File: VX036003.D

Acq: 05 Jun 2023 14:55

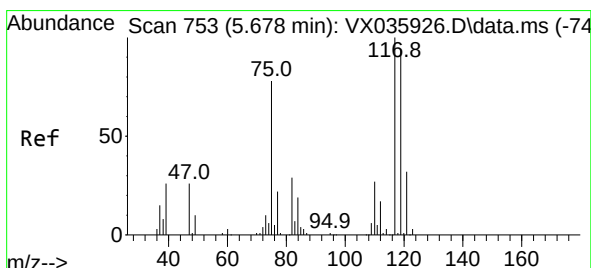
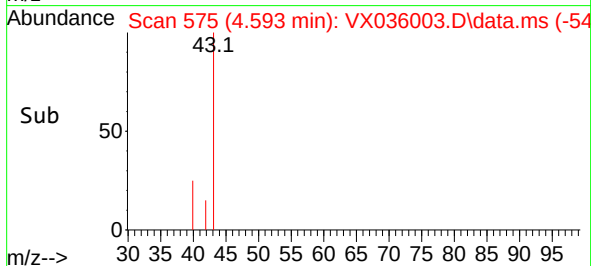
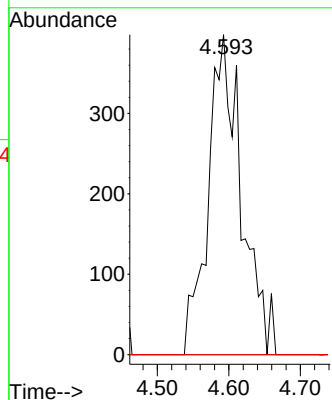
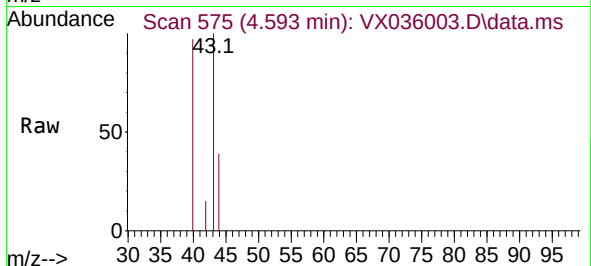
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW11-DUP-20230531

Tgt Ion: 43	Resp: 1290
Ion Ratio	Lower Upper
43	100
61	0.0 10.3 15.5#
70	0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 7.997 ug/l

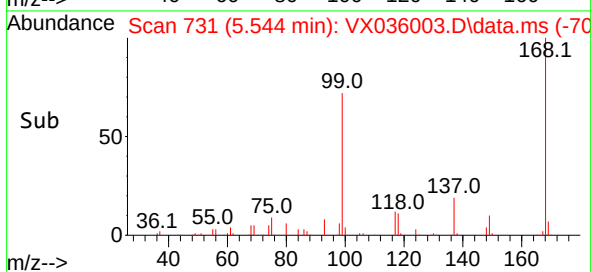
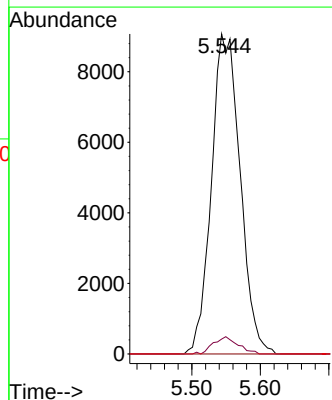
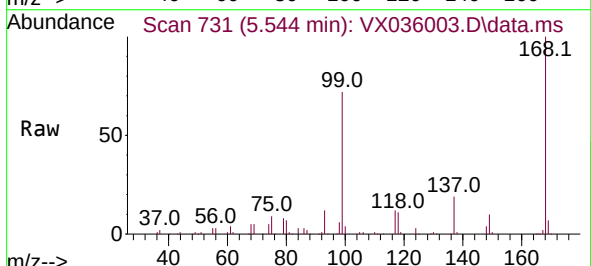
RT: 5.544 min Scan# 731

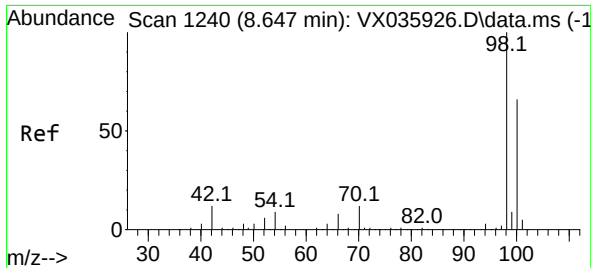
Delta R.T. -0.133 min

Lab File: VX036003.D

Acq: 05 Jun 2023 14:55

Tgt Ion: 117	Resp: 26392
Ion Ratio	Lower Upper
117	100
119	4.6 74.1 111.1#
121	0.0 25.0 37.4#

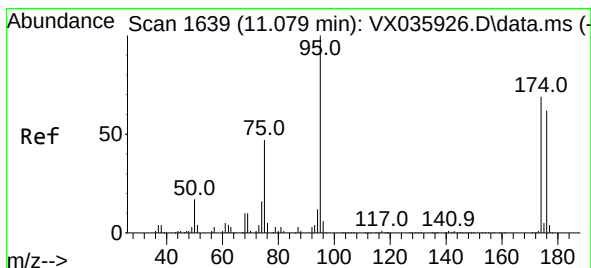
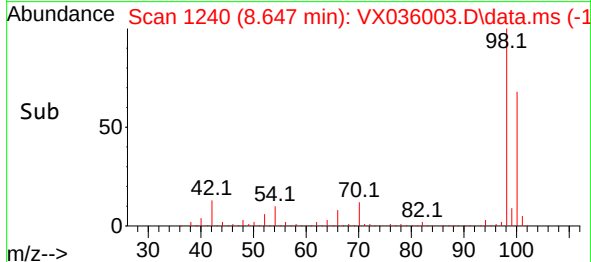
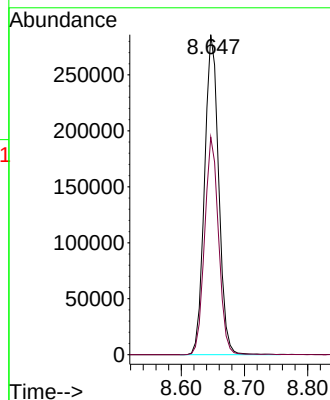
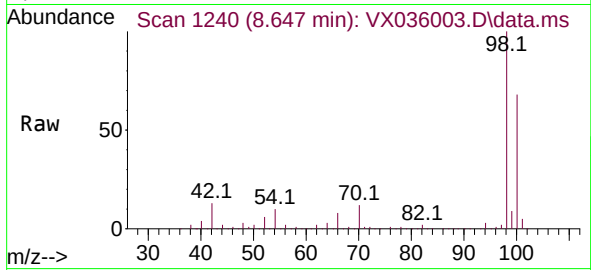




#50
Toluene-d8
Concen: 48.757 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036003.D
Acq: 05 Jun 2023 14:55

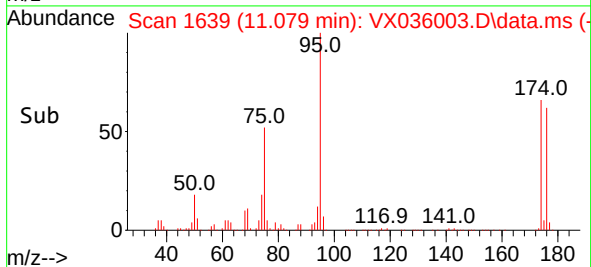
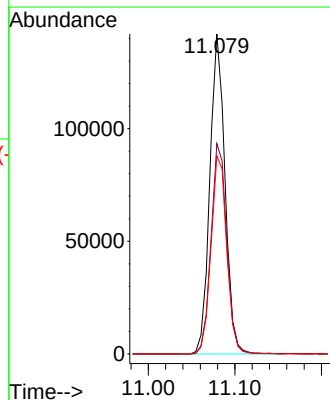
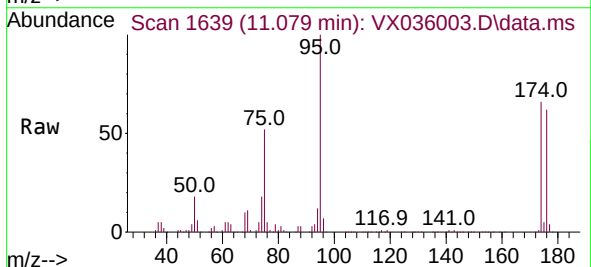
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ClientSampleId :
BP-VPB-RW11-DUP-20230531

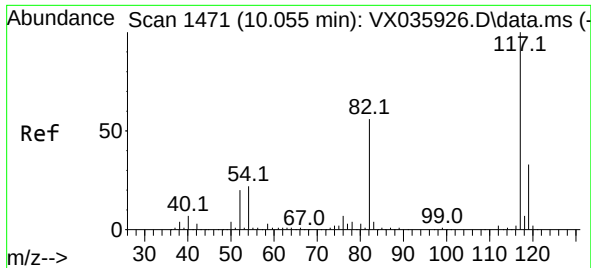
Tgt Ion: 98 Resp: 444467
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 47.929 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036003.D
Acq: 05 Jun 2023 14:55

Tgt Ion: 95 Resp: 172477
Ion Ratio Lower Upper
95 100
174 68.2 0.0 132.6
176 64.1 0.0 128.0

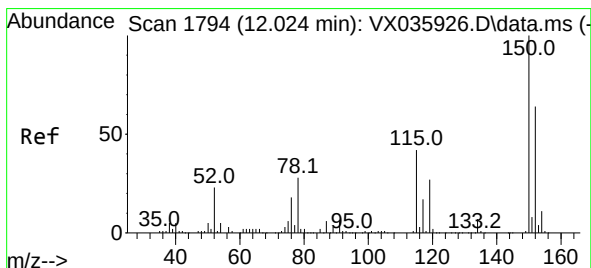
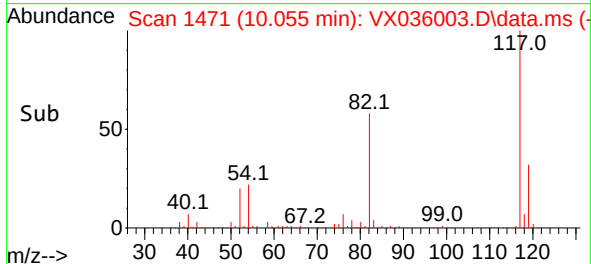
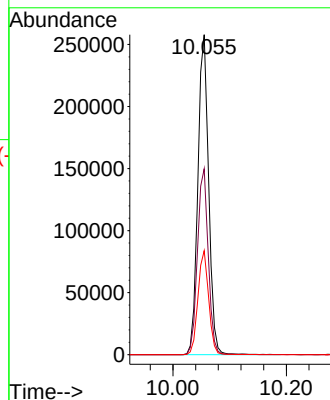
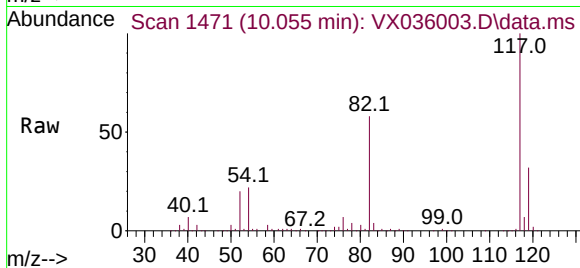




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036003.D
Acq: 05 Jun 2023 14:55

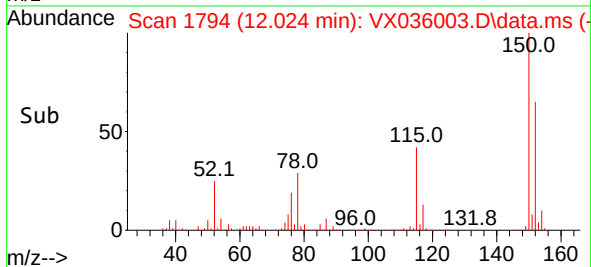
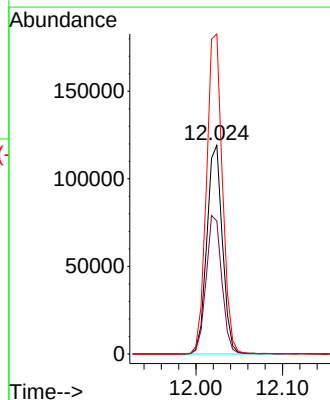
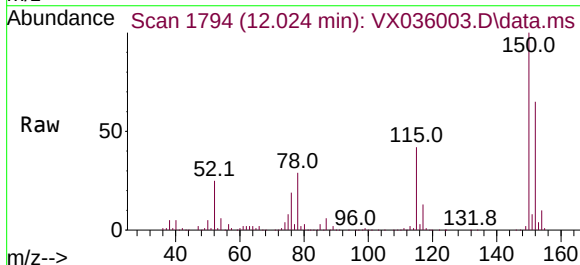
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-DUP-20230531

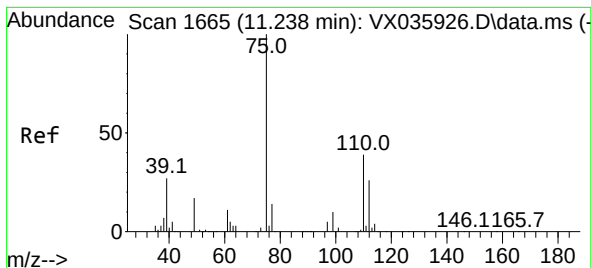
Tgt Ion:117 Resp: 339005
Ion Ratio Lower Upper
117 100
82 58.1 46.6 69.8
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036003.D
Acq: 05 Jun 2023 14:55

Tgt Ion:152 Resp: 148889
Ion Ratio Lower Upper
152 100
115 66.9 45.5 136.5
150 156.6 0.0 345.2





#76

1,2,3-Trichloropropane

Concen: 26.768 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036003.D

Acq: 05 Jun 2023 14:55

Instrument :

MSVOA_X

ClientSampleId :

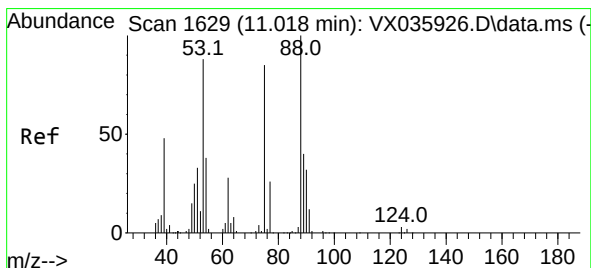
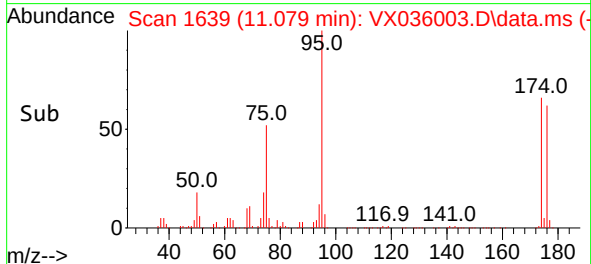
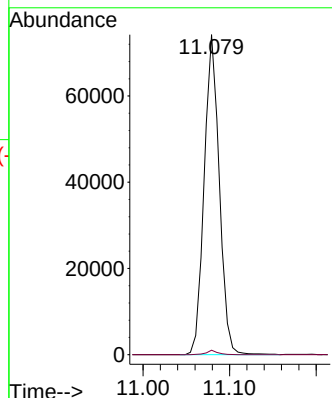
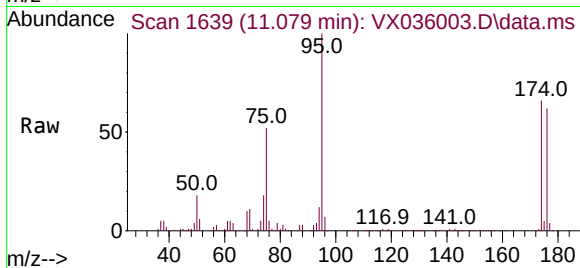
BP-VPB-RW11-DUP-20230531

Tgt Ion: 75 Resp: 89890

Ion Ratio Lower Upper

75 100

77 1.0 21.4 64.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.163 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036003.D

Acq: 05 Jun 2023 14:55

Tgt Ion: 75 Resp: 89890

Ion Ratio Lower Upper

75 100

53 0.0 95.2 142.8#

89 0.0 38.0 57.0#

