

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX036002.D
 Acq On : 05 Jun 2023 14:32
 Operator : JC/MD
 Sample : 03022-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jun 06 06:44:53 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)

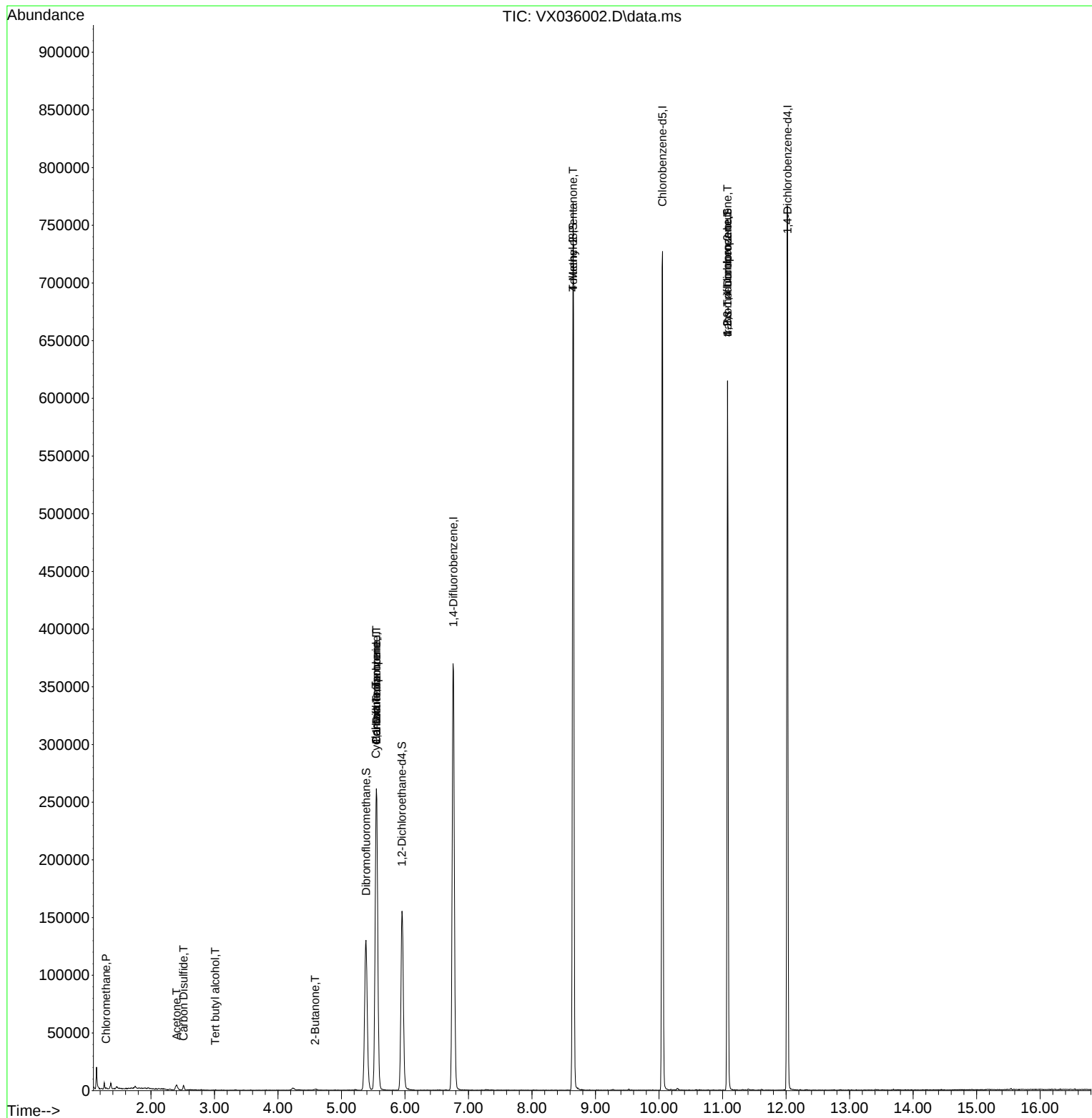
Internal Standards						
1) Pentafluorobenzene	5.550	168	231357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	377159	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156965	41.780	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.560%
35) Dibromofluoromethane	5.385	113	114020	44.947	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.900%
50) Toluene-d8	8.647	98	432769	47.535	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.060%
62) 4-Bromofluorobenzene	11.079	95	162705	45.272	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.540%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	704	0.244	ug/l	95
11) Tert butyl alcohol	3.014	59	181	0.271	ug/l #	78
16) Acetone	2.404	43	6750	4.355	ug/l	95
17) Carbon Disulfide	2.514	76	4409	0.758	ug/l #	93
25) 2-Butanone	4.587	43	2068	0.932	ug/l	97
31) Cyclohexane	5.544	56	5516	1.402	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	20565	6.080	ug/l #	51
38) Carbon Tetrachloride	5.550	117	26007	7.890	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	2141	0.566	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	89467	27.942	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	89467	94.117	ug/l #	3

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

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BP-VPB-RW11-GW-558-560

Quant Time: Jun 06 06:44:53 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

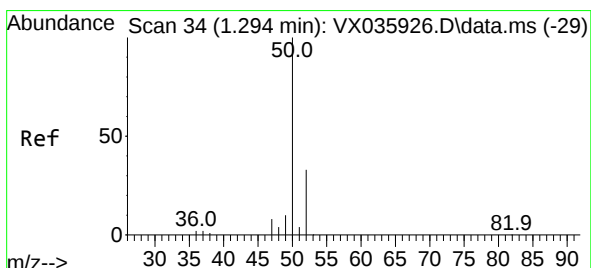
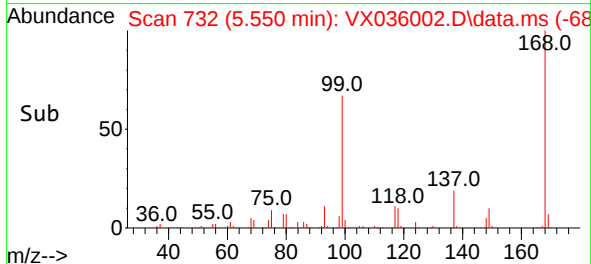
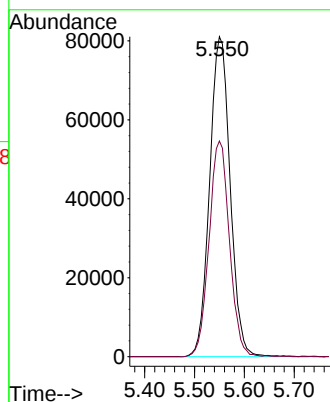
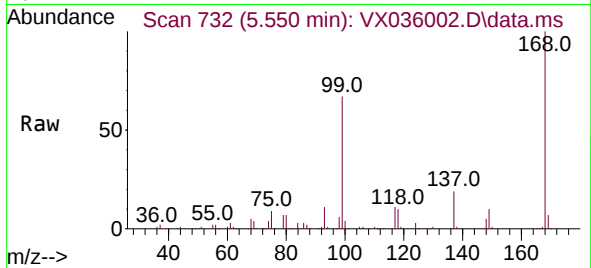




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036002.D
Acq: 05 Jun 2023 14:32

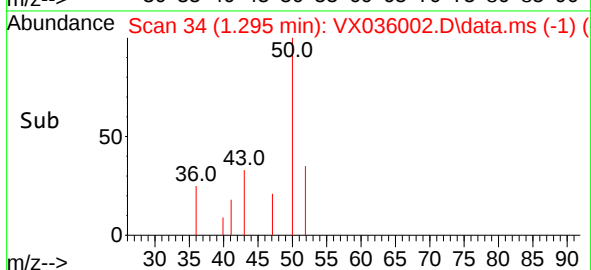
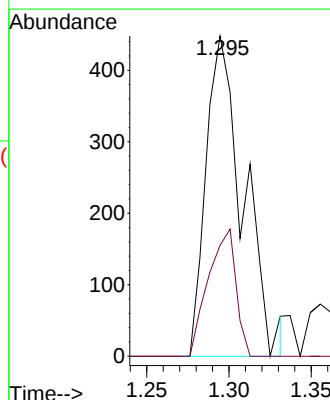
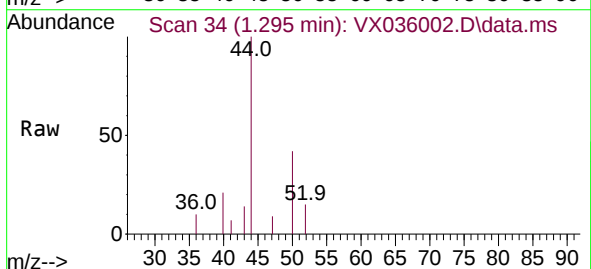
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-558-560

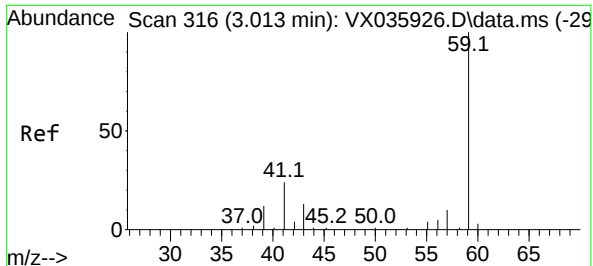
Tgt Ion:168 Resp: 231357
Ion Ratio Lower Upper
168 100
99 67.4 57.0 85.6



#3
Chloromethane
Concen: 0.244 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX036002.D
Acq: 05 Jun 2023 14:32

Tgt Ion: 50 Resp: 704
Ion Ratio Lower Upper
50 100
52 34.6 25.4 38.2





#11

Tert butyl alcohol

Concen: 0.271 ug/l

RT: 3.014 min Scan# 316

Delta R.T. 0.007 min

Lab File: VX036002.D

Acq: 05 Jun 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

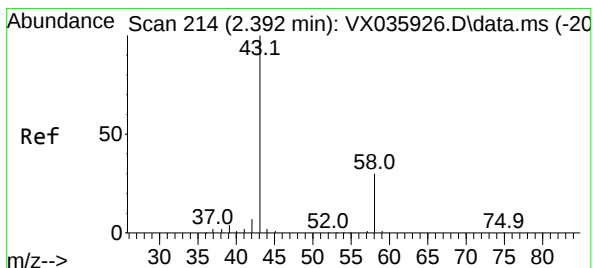
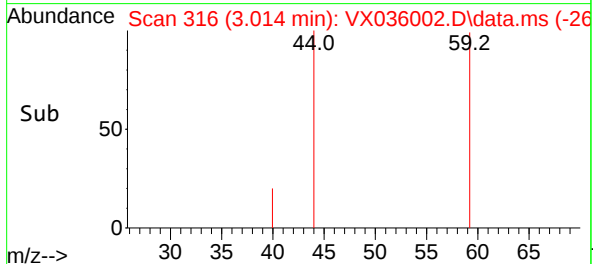
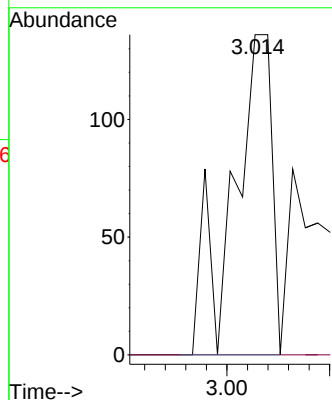
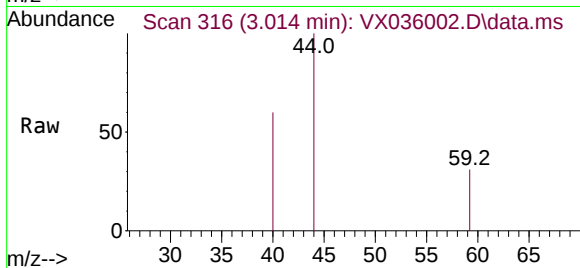
BP-VPB-RW11-GW-558-560

Tgt Ion: 59 Resp: 181

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 4.355 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.013 min

Lab File: VX036002.D

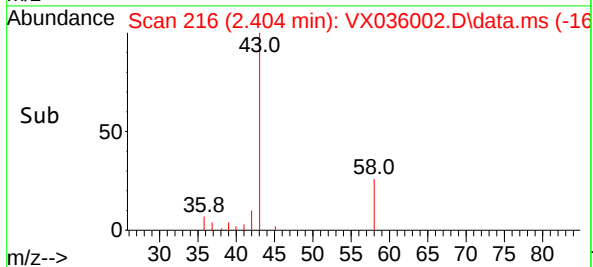
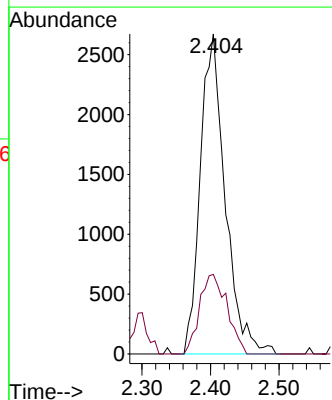
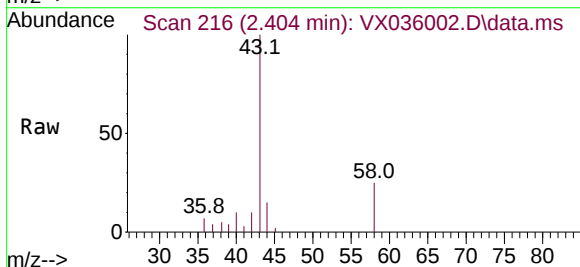
Acq: 05 Jun 2023 14:32

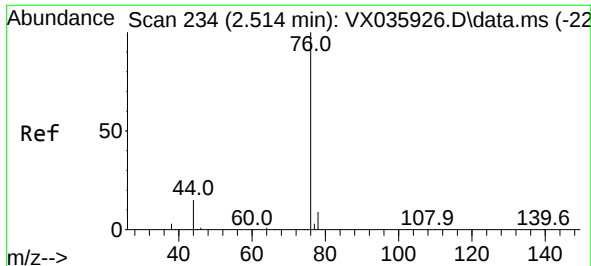
Tgt Ion: 43 Resp: 6750

Ion Ratio Lower Upper

43 100

58 24.9 22.2 33.2

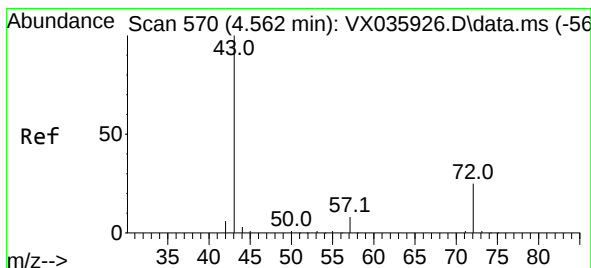
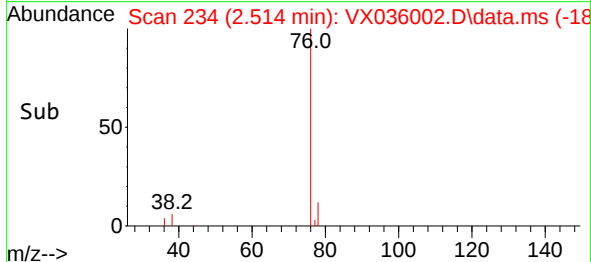
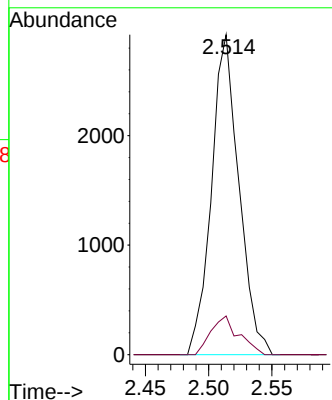
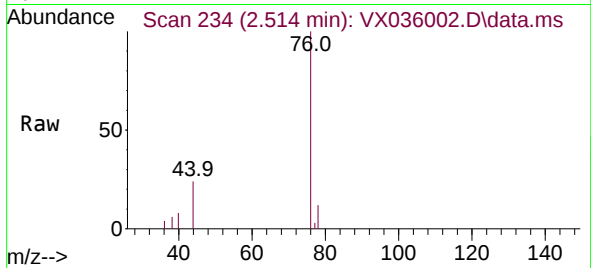




#17
Carbon Disulfide
Concen: 0.758 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036002.D
Acq: 05 Jun 2023 14:32

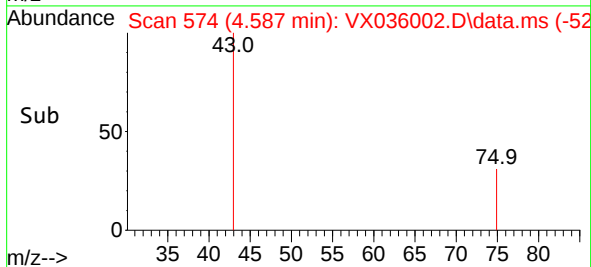
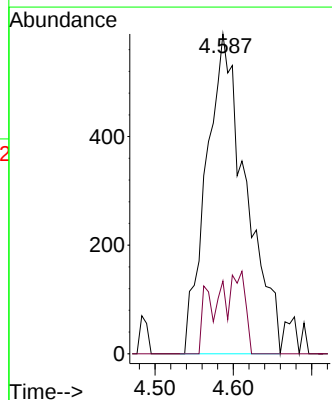
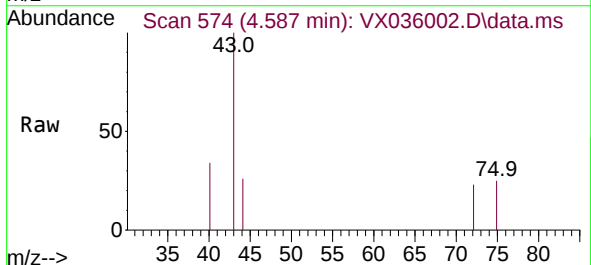
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-558-560

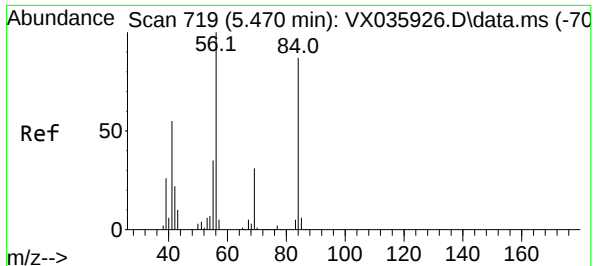
Tgt Ion: 76 Resp: 4409
Ion Ratio Lower Upper
76 100
78 12.1 7.6 11.4#



#25
2-Butanone
Concen: 0.932 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.025 min
Lab File: VX036002.D
Acq: 05 Jun 2023 14:32

Tgt Ion: 43 Resp: 2068
Ion Ratio Lower Upper
43 100
72 22.8 19.4 29.2

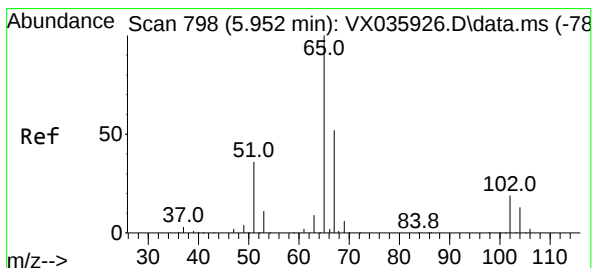
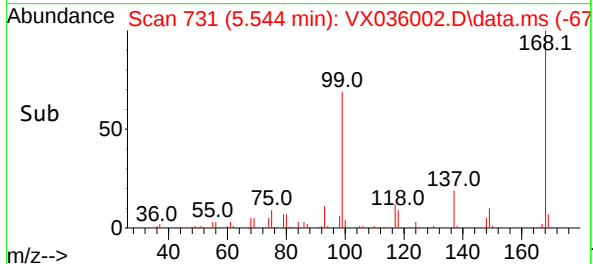
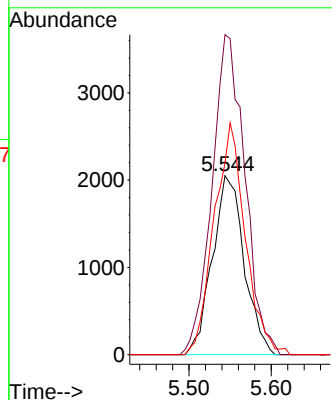
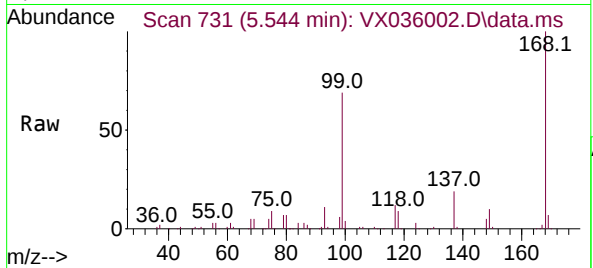




#31
Cyclohexane
Concen: 1.402 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX036002.D
Acq: 05 Jun 2023 14:32

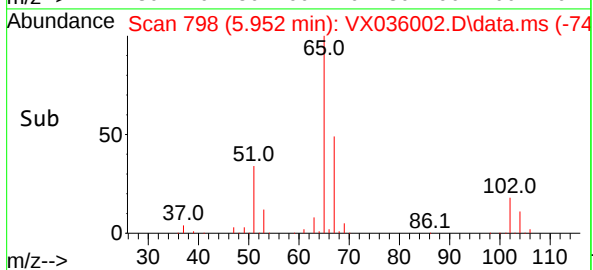
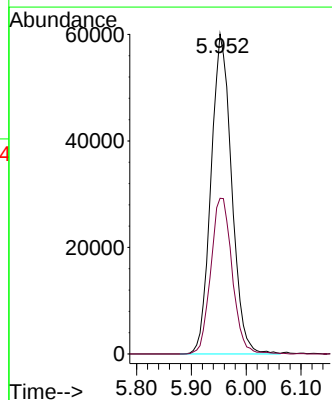
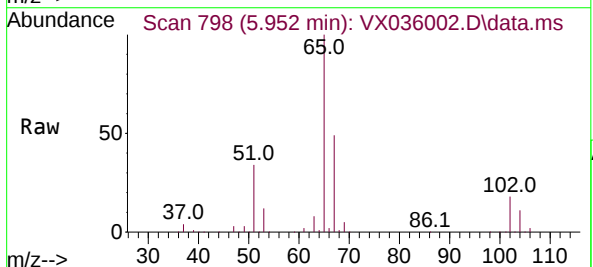
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-558-560

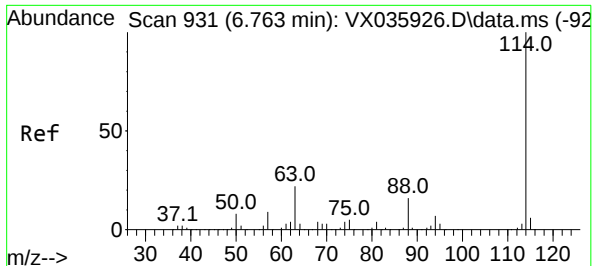
Tgt Ion: 56 Resp: 5516
Ion Ratio Lower Upper
56 100
69 178.7 25.9 38.9#
84 107.0 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 41.780 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036002.D
Acq: 05 Jun 2023 14:32

Tgt Ion: 65 Resp: 156965
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.6

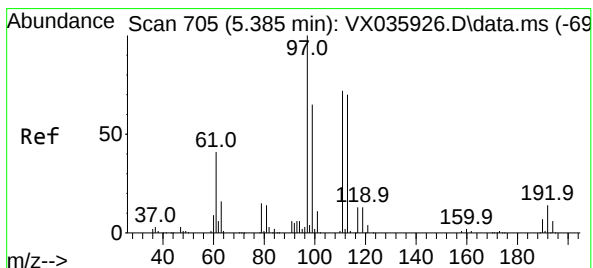
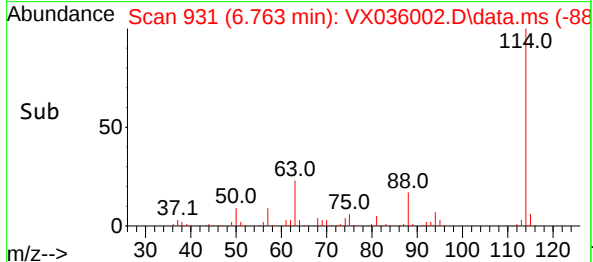
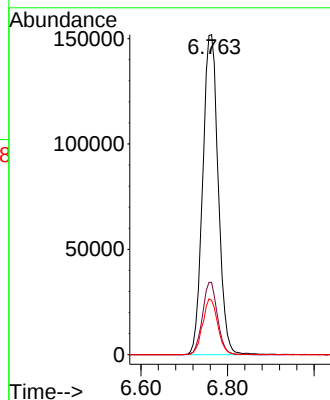
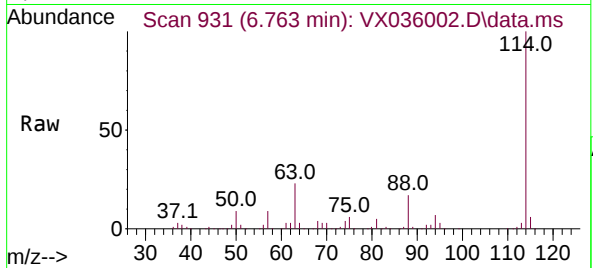




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036002.D
Acq: 05 Jun 2023 14:32

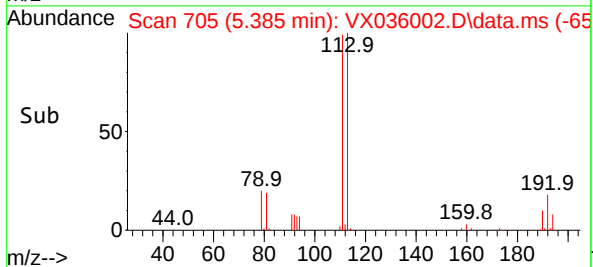
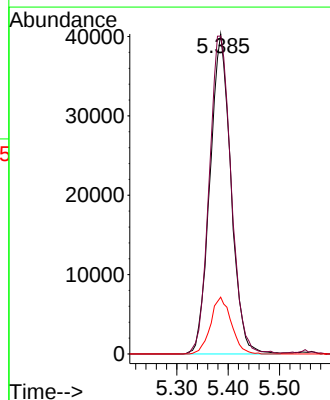
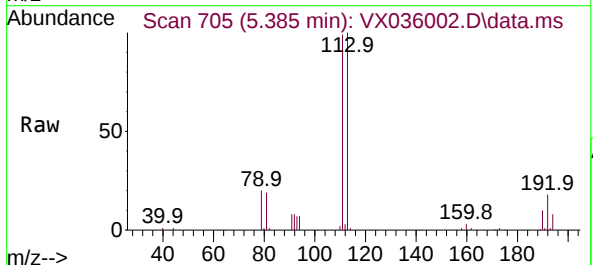
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-558-560

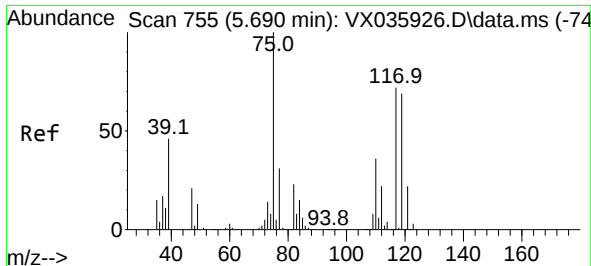
Tgt Ion:114 Resp: 377159
Ion Ratio Lower Upper
114 100
63 22.6 0.0 46.0
88 17.0 0.0 35.2



#35
Dibromofluoromethane
Concen: 44.947 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036002.D
Acq: 05 Jun 2023 14:32

Tgt Ion:113 Resp: 114020
Ion Ratio Lower Upper
113 100
111 104.0 81.7 122.5
192 17.5 13.5 20.3





#36

1,1-Dichloropropene

Concen: 6.080 ug/l

RT: 5.550 min Scan# 712

Delta R.T. -0.140 min

Lab File: VX036002.D

Acq: 05 Jun 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW11-GW-558-560

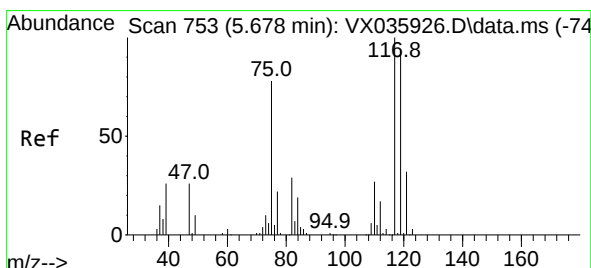
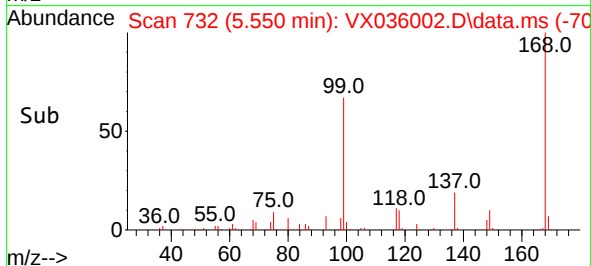
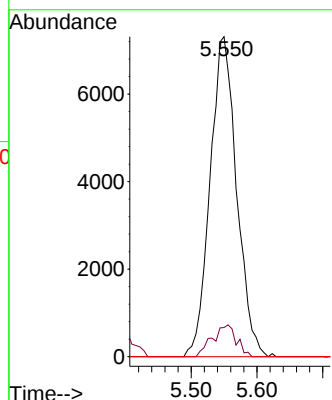
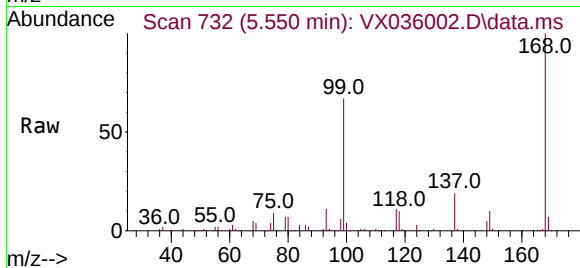
Tgt Ion: 75 Resp: 20565

Ion Ratio Lower Upper

75 100

110 9.0 16.6 49.7#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.890 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX036002.D

Acq: 05 Jun 2023 14:32

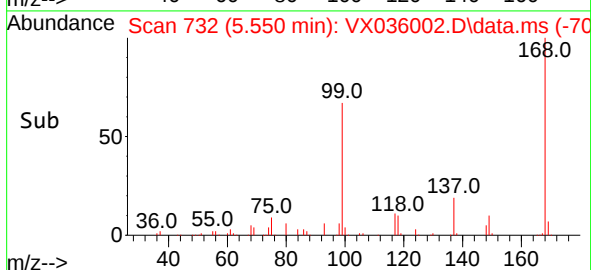
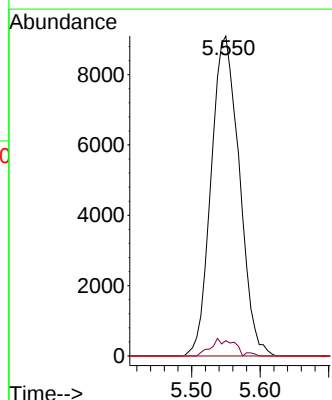
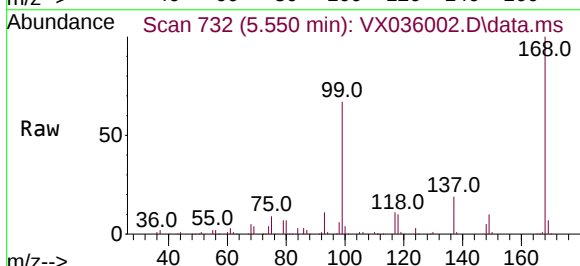
Tgt Ion: 117 Resp: 26007

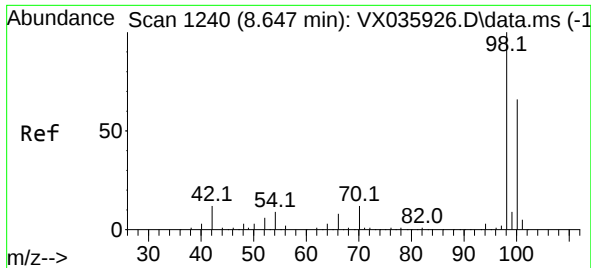
Ion Ratio Lower Upper

117 100

119 4.8 74.1 111.1#

121 0.0 25.0 37.4#

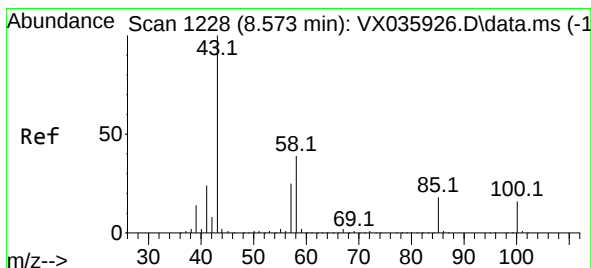
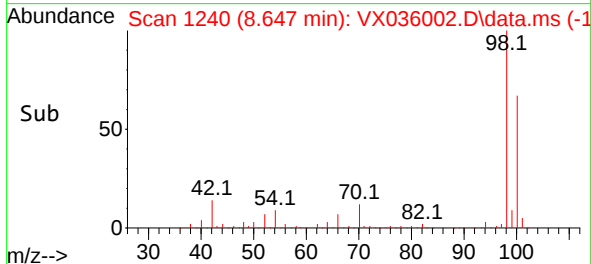
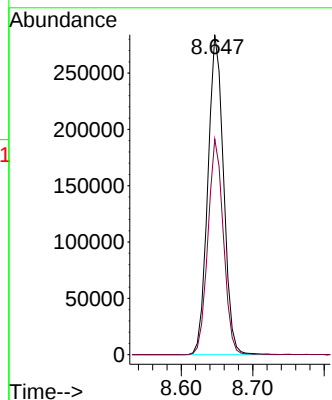
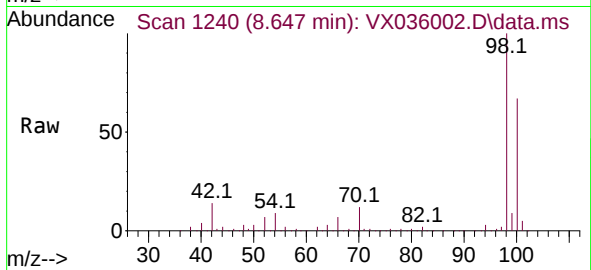




#50
Toluene-d8
Concen: 47.535 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036002.D
Acq: 05 Jun 2023 14:32

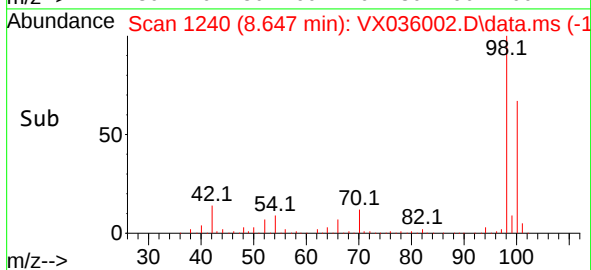
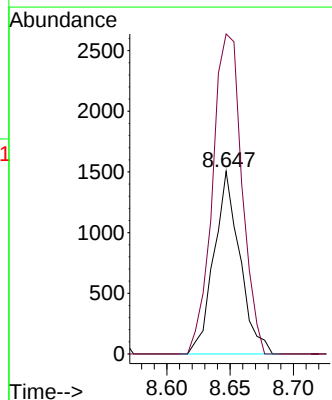
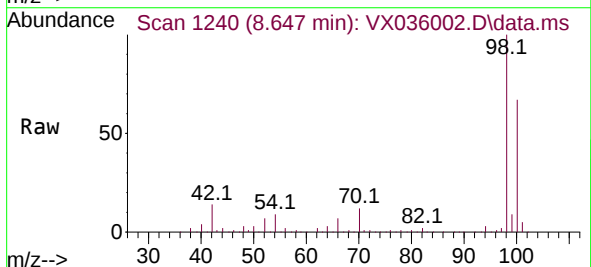
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-558-560

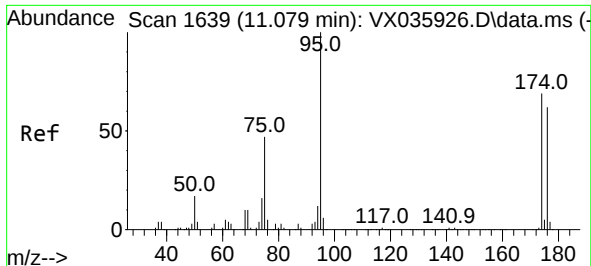
Tgt Ion: 98 Resp: 432769
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.566 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX036002.D
Acq: 05 Jun 2023 14:32

Tgt Ion: 43 Resp: 2141
Ion Ratio Lower Upper
43 100
58 199.1 30.1 45.1#

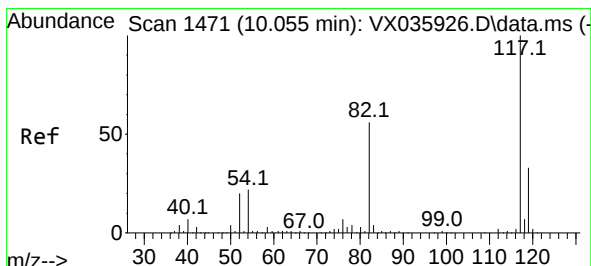
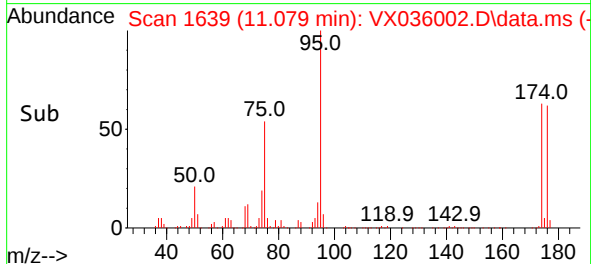
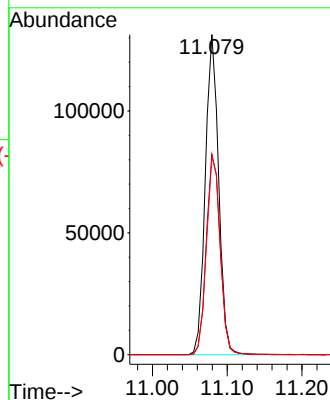
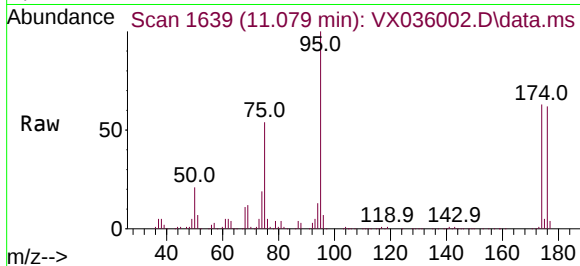




#62
4-Bromofluorobenzene
Concen: 45.272 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036002.D
Acq: 05 Jun 2023 14:32

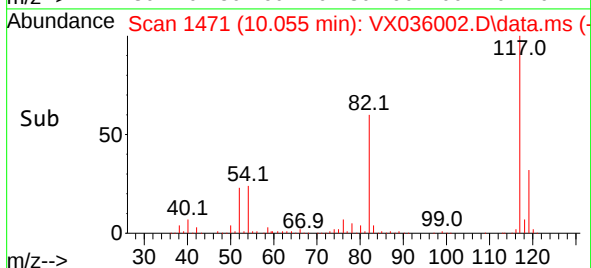
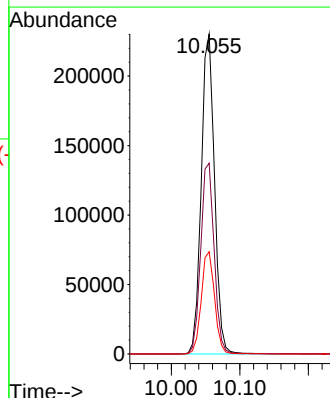
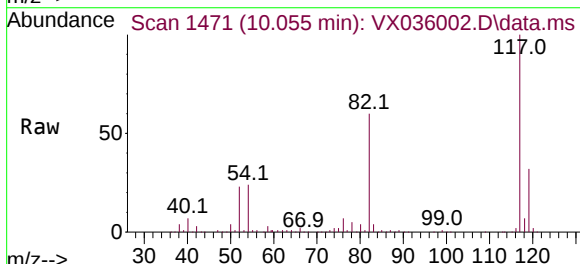
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-558-560

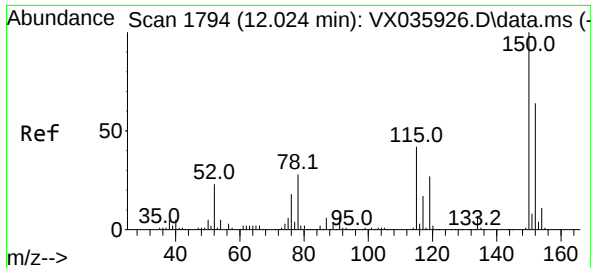
Tgt Ion: 95 Resp: 162705
Ion Ratio Lower Upper
95 100
174 64.9 0.0 132.6
176 63.7 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036002.D
Acq: 05 Jun 2023 14:32

Tgt Ion: 117 Resp: 310523
Ion Ratio Lower Upper
117 100
82 59.6 46.6 69.8
119 32.0 25.4 38.2

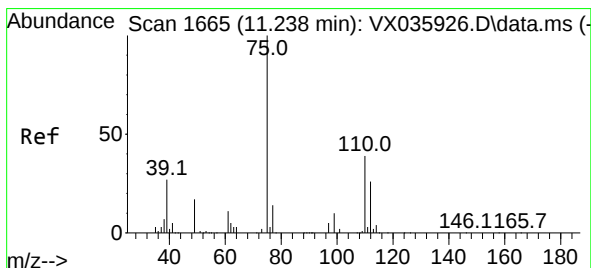
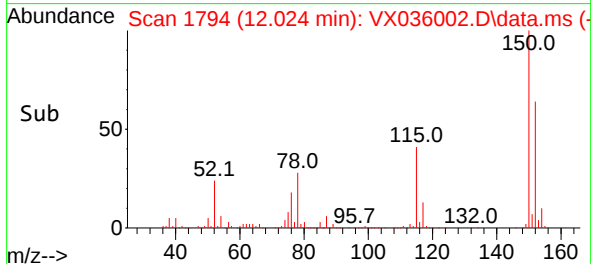
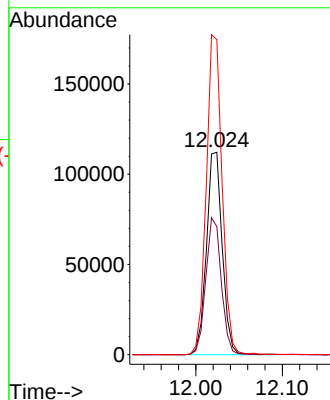
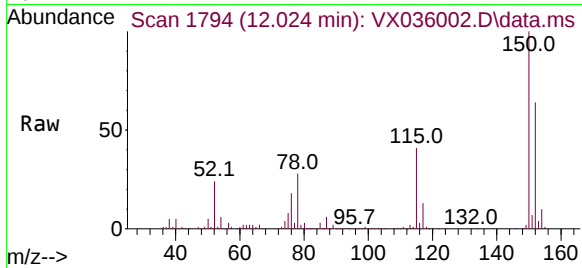




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036002.D
 Acq: 05 Jun 2023 14:32

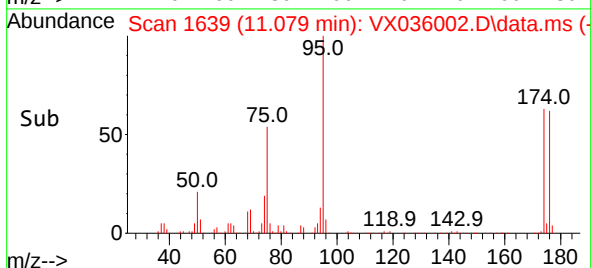
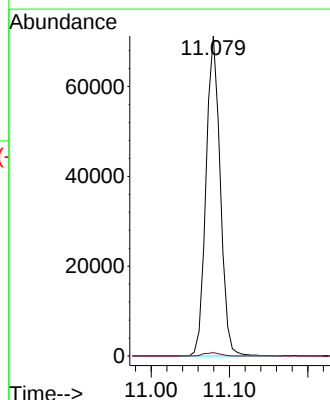
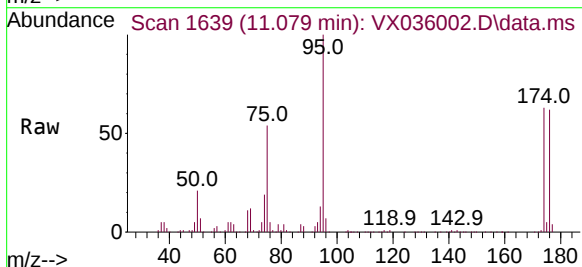
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-GW-558-560

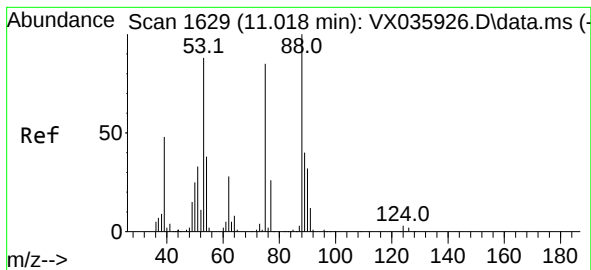
Tgt Ion:152 Resp: 141964
 Ion Ratio Lower Upper
 152 100
 115 66.3 45.5 136.5
 150 158.5 0.0 345.2



#76
 1,2,3-Trichloropropane
 Concen: 27.942 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX036002.D
 Acq: 05 Jun 2023 14:32

Tgt Ion: 75 Resp: 89467
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.4 64.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.117 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036002.D
 Acq: 05 Jun 2023 14:32

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

Tgt Ion: 75 Resp: 89467
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.2 142.8#
 89 0.0 38.0 57.0#

