

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031964.D
 Acq On : 07 Oct 2022 15:58
 Operator : JC/MD
 Sample : N5058-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-TB-20221005

Quant Time: Oct 08 05:13:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

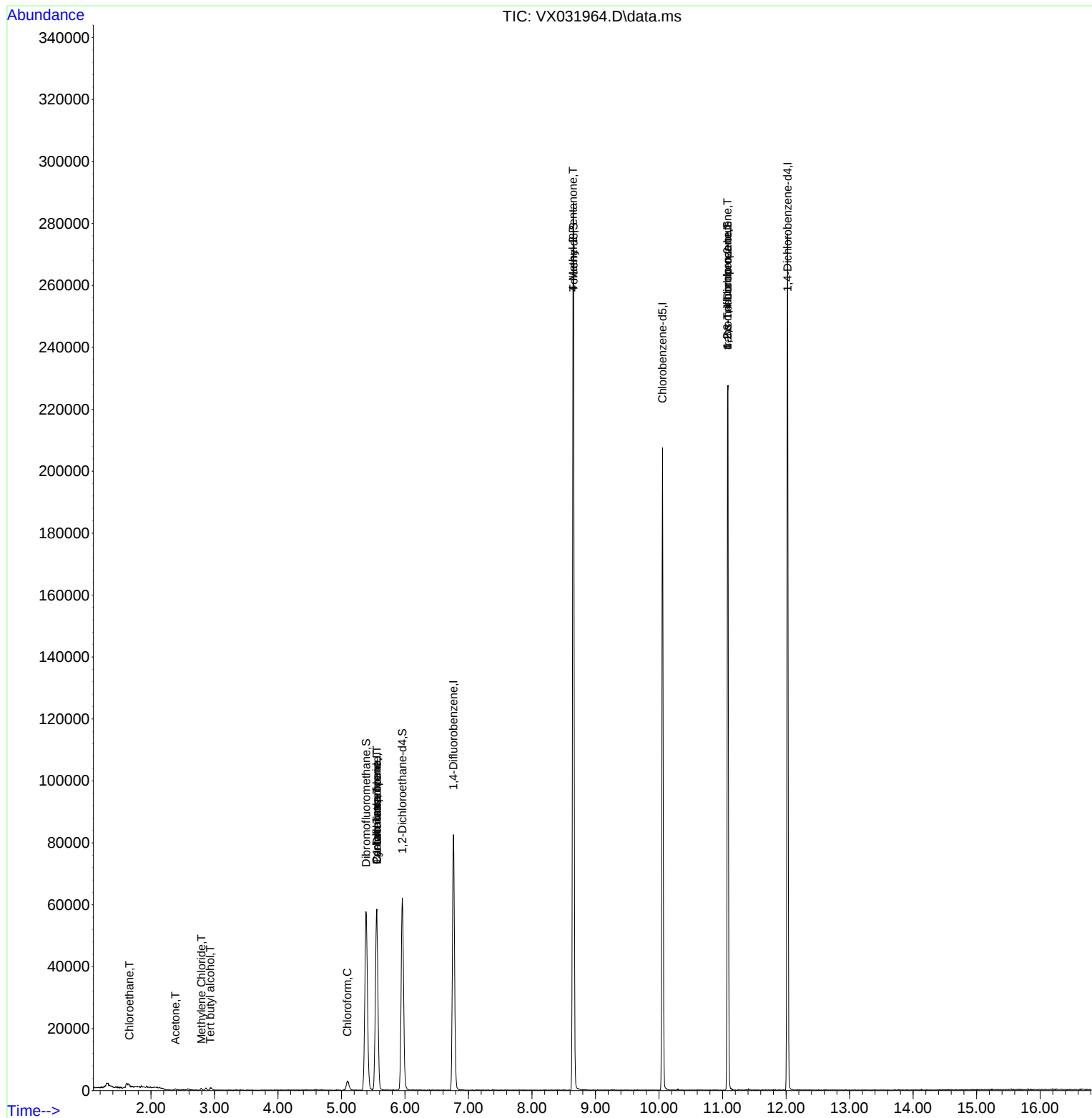
Internal Standards						
1) Pentafluorobenzene	5.556	168	53808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	85973	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	92511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59131	53.211	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.420%			
35) Dibromofluoromethane	5.385	113	49155	50.510	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.020%			
50) Toluene-d8	8.653	98	174637	49.871	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.740%			
62) 4-Bromofluorobenzene	11.079	95	59722	48.242	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.480%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	286	Below Cal	#	75
6) Chloroethane	1.660	64	264	0.317	ug/l #	43
11) Tert butyl alcohol	2.934	59	214	1.548	ug/l #	73
16) Acetone	2.386	43	432	1.144	ug/l #	45
20) Methylene Chloride	2.794	84	253	0.255	ug/l #	80
30) Chloroform	5.093	83	3703	2.115	ug/l	92
31) Cyclohexane	5.556	56	1145	0.863	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	4132	3.202	ug/l #	48
38) Carbon Tetrachloride	5.556	117	5609	4.251	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	931	0.762	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31085	27.289	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	31085	93.468	ug/l #	11

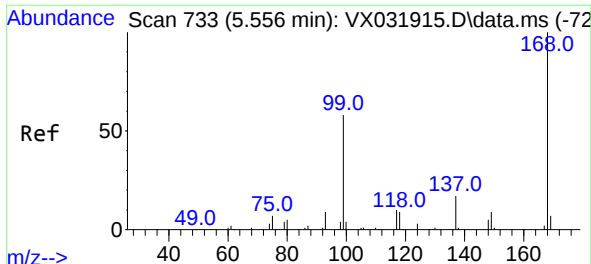
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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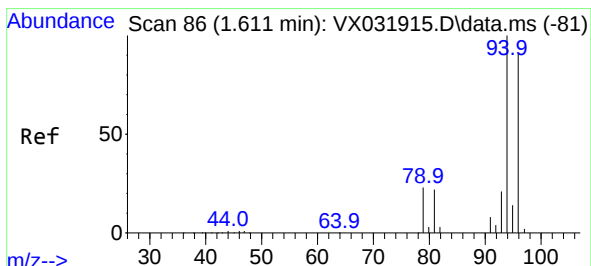
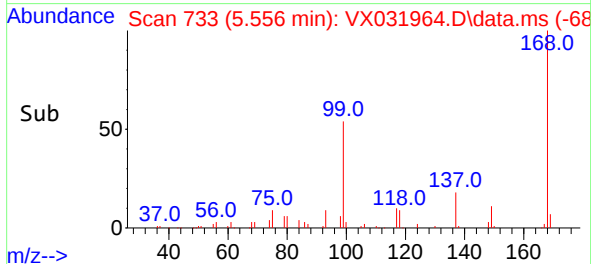
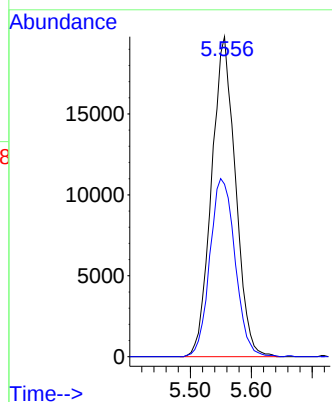
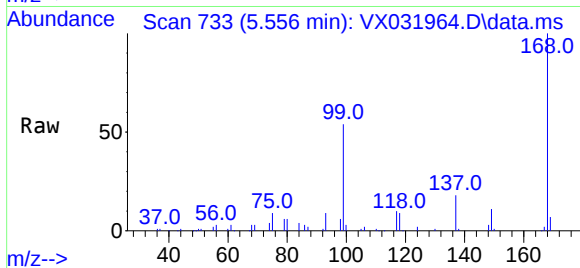




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031964.D
Acq: 07 Oct 2022 15:58

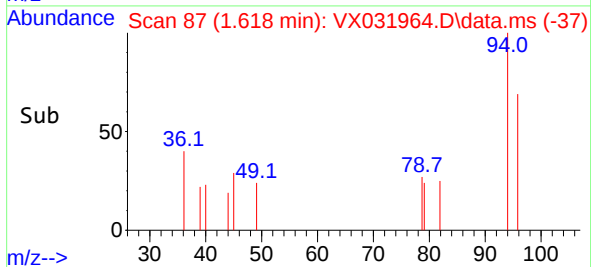
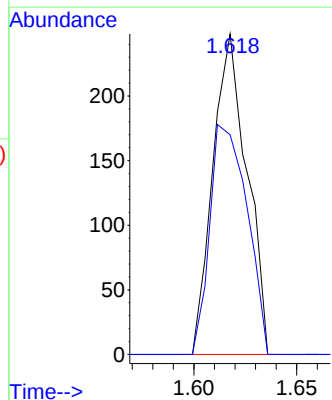
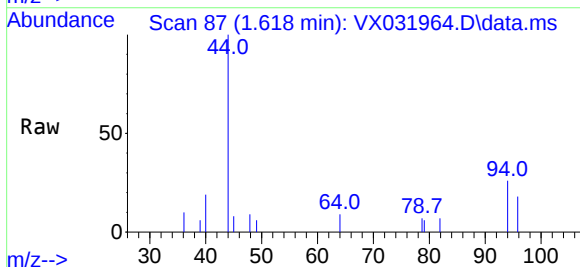
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20221005

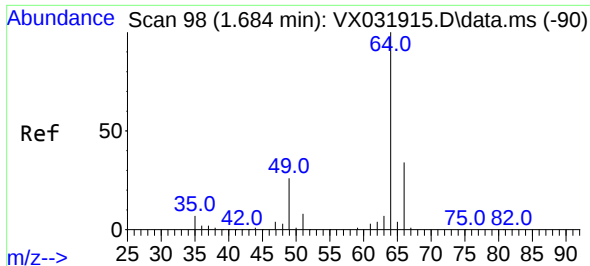
Tgt Ion:168 Resp: 53808
Ion Ratio Lower Upper
168 100
99 53.9 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031964.D
Acq: 07 Oct 2022 15:58

Tgt Ion: 94 Resp: 286
Ion Ratio Lower Upper
94 100
96 68.5 74.4 111.6#

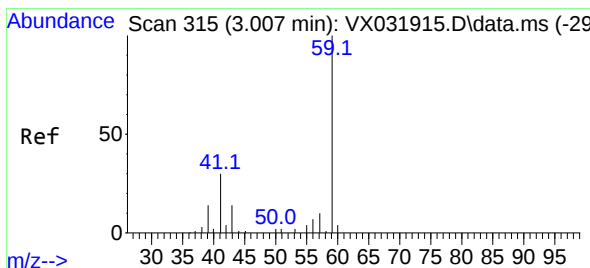
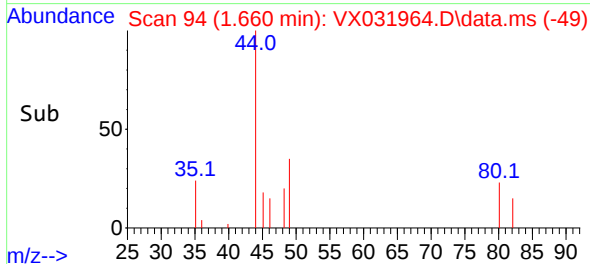
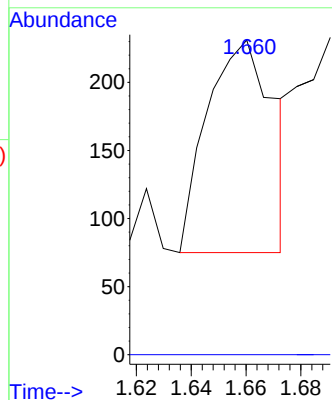
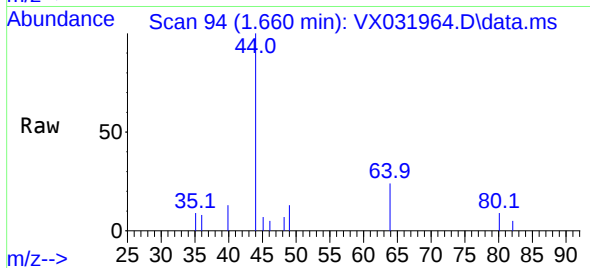




#6
Chloroethane
Concen: 0.317 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.024 min
Lab File: VX031964.D
Acq: 07 Oct 2022 15:58

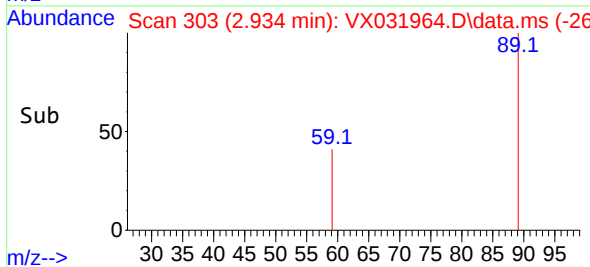
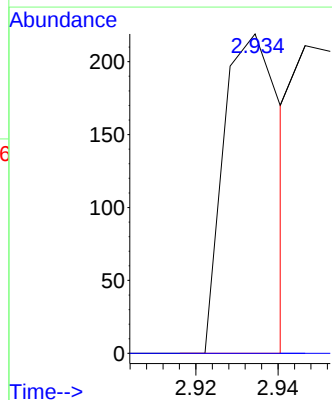
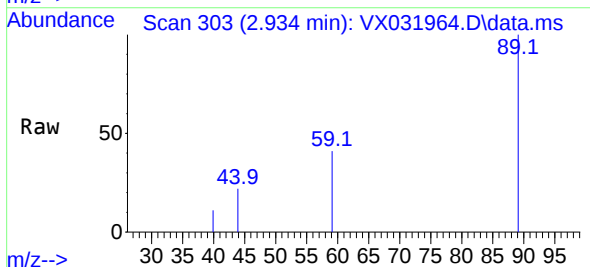
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20221005

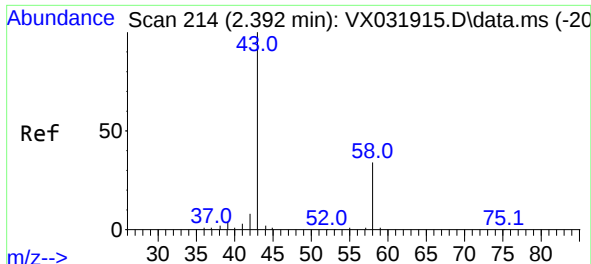
Tgt Ion: 64 Resp: 264
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#11
Tert butyl alcohol
Concen: 1.548 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.073 min
Lab File: VX031964.D
Acq: 07 Oct 2022 15:58

Tgt Ion: 59 Resp: 214
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

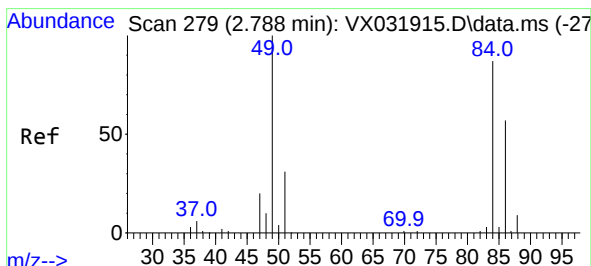
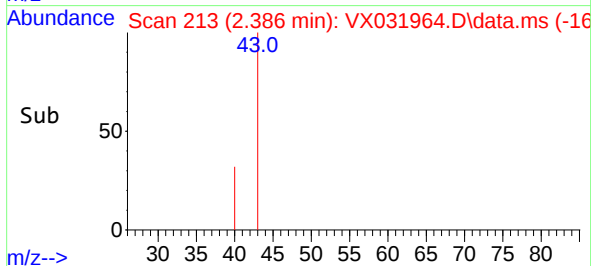
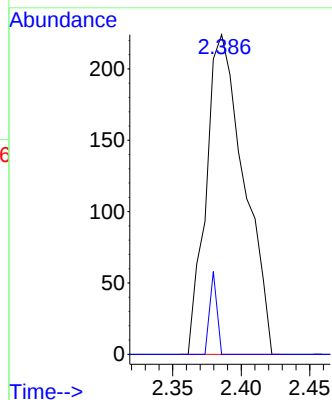
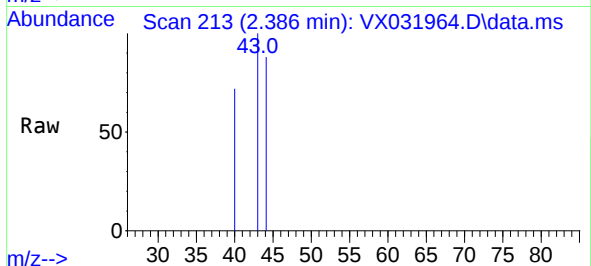




#16
Acetone
Concen: 1.144 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031964.D
Acq: 07 Oct 2022 15:58

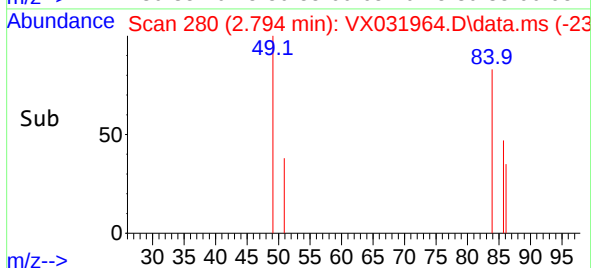
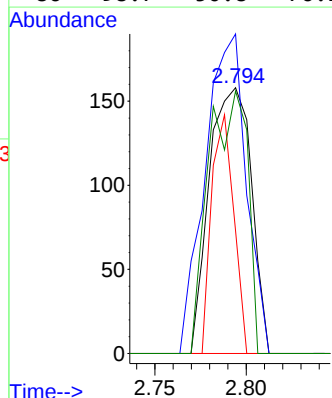
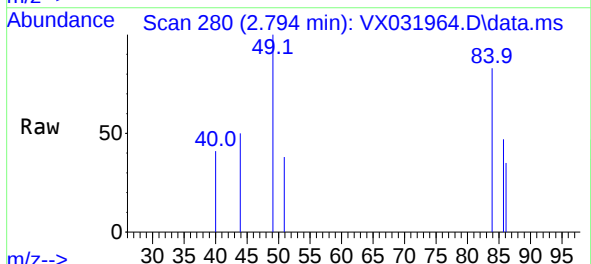
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW5-TB-20221005

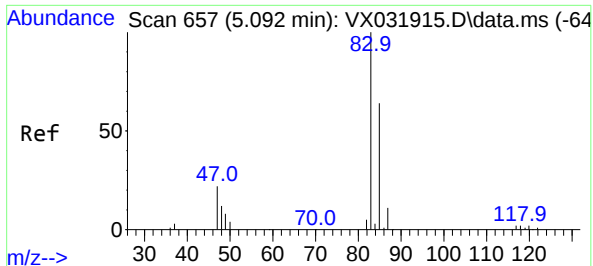
Tgt Ion: 43 Resp: 432
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: 0.255 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031964.D
Acq: 07 Oct 2022 15:58

Tgt Ion: 84 Resp: 253
Ion Ratio Lower Upper
84 100
49 120.3 105.9 158.9
51 46.2 32.2 48.2
86 98.7 50.8 76.2#





#30

Chloroform

Concen: 2.115 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.001 min

Lab File: VX031964.D

Acq: 07 Oct 2022 15:58

Instrument :

MSVOA_X

ClientSampleId :

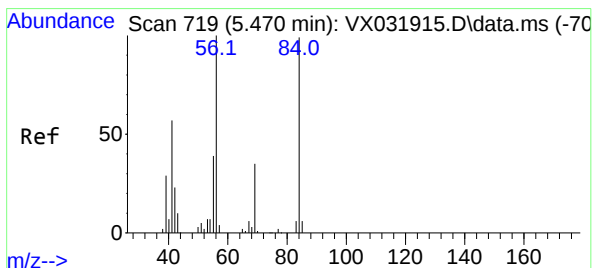
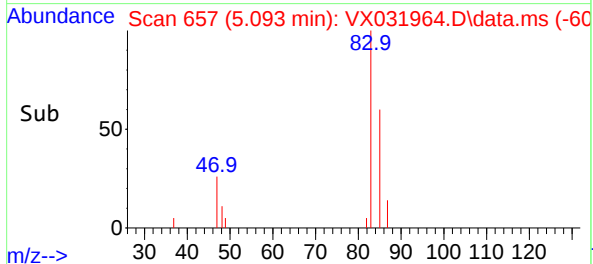
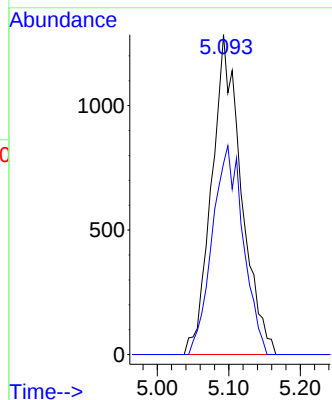
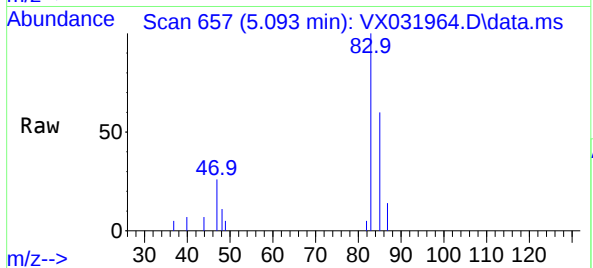
BP-VPB-RW5-TB-20221005

Tgt Ion: 83 Resp: 3703

Ion Ratio Lower Upper

83 100

85 59.8 52.8 79.2



#31

Cyclohexane

Concen: 0.863 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX031964.D

Acq: 07 Oct 2022 15:58

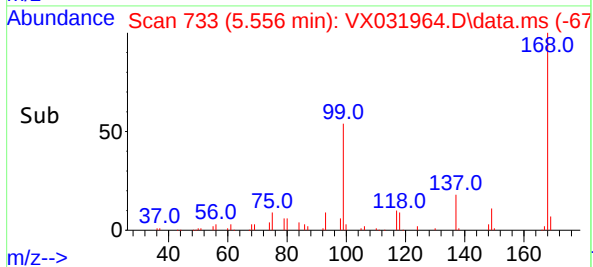
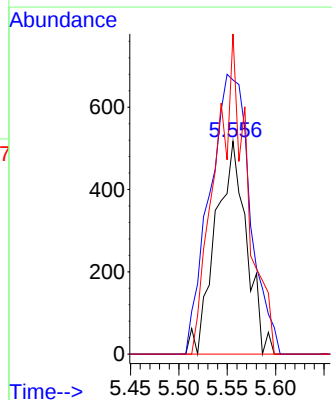
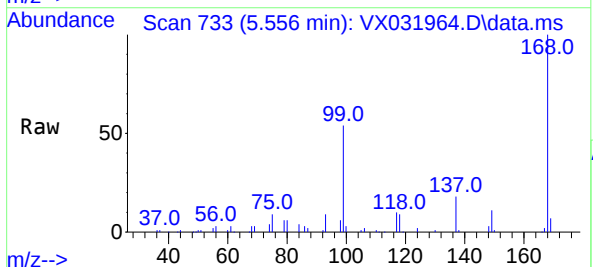
Tgt Ion: 56 Resp: 1145

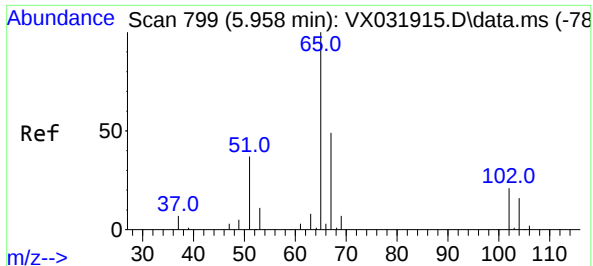
Ion Ratio Lower Upper

56 100

69 128.8 25.1 37.7#

84 150.5 70.2 105.4#

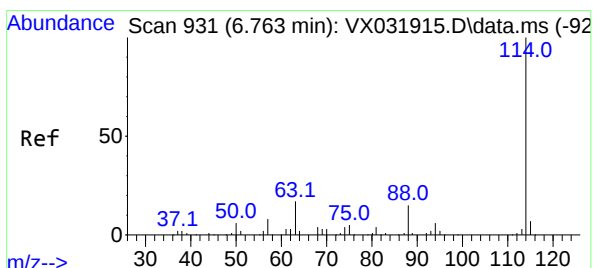
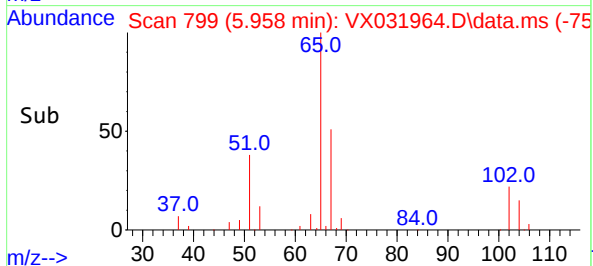
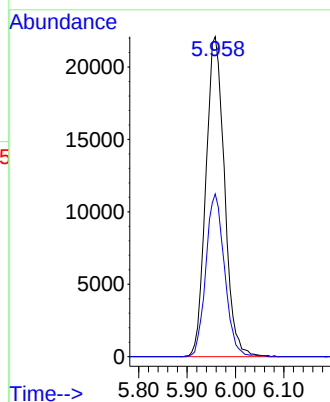
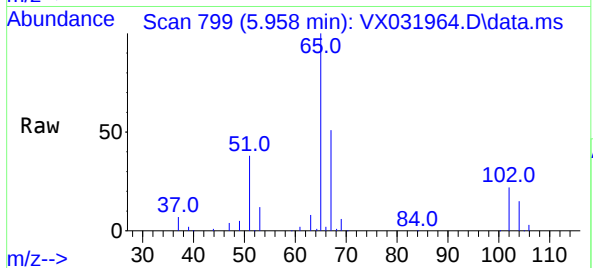




#33
 1,2-Dichloroethane-d4
 Concen: 53.211 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031964.D
 Acq: 07 Oct 2022 15:58

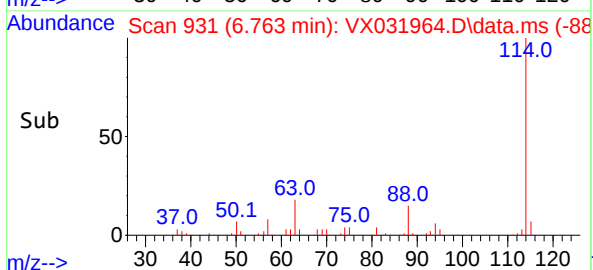
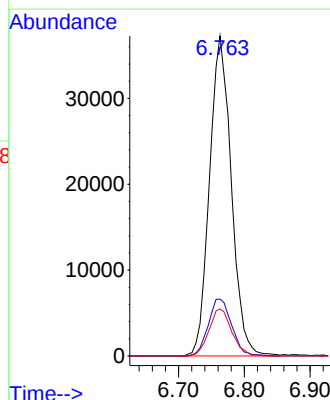
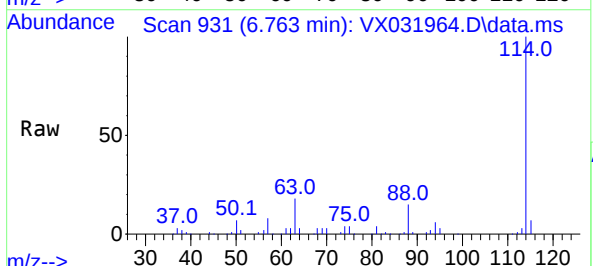
Instrument :
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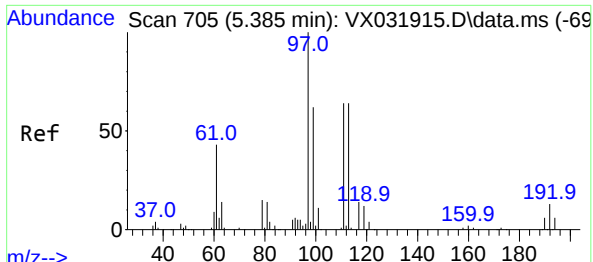
Tgt Ion: 65 Resp: 59131
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX031964.D
 Acq: 07 Oct 2022 15:58

Tgt Ion: 114 Resp: 85973
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 42.6
 88 14.7 0.0 33.0

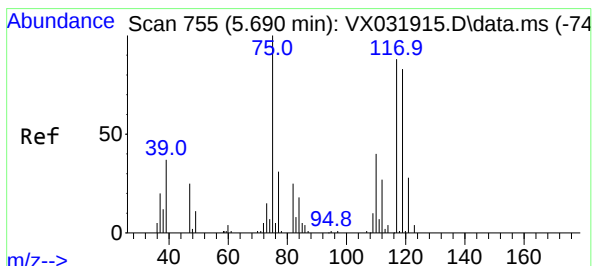
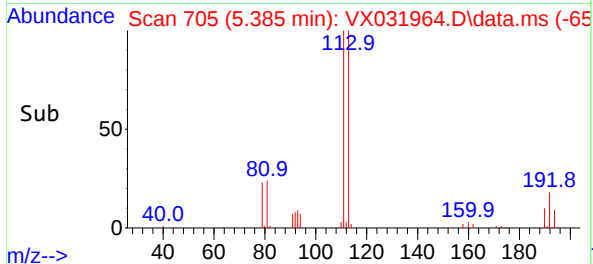
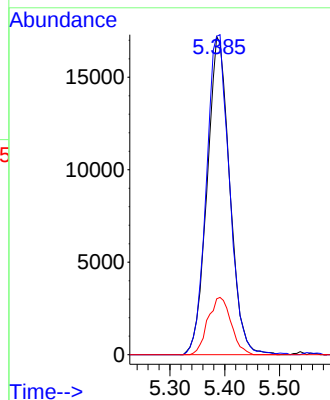
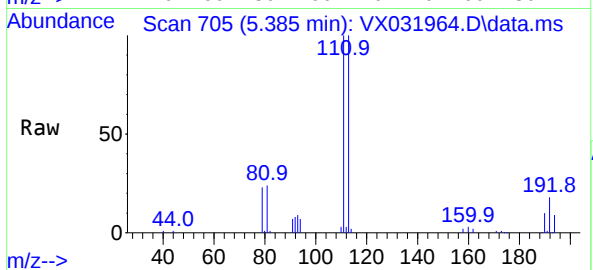




#35
Dibromofluoromethane
Concen: 50.510 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031964.D
Acq: 07 Oct 2022 15:58

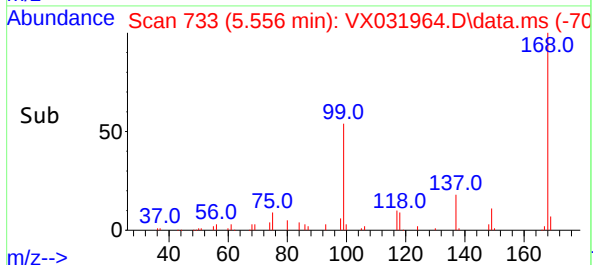
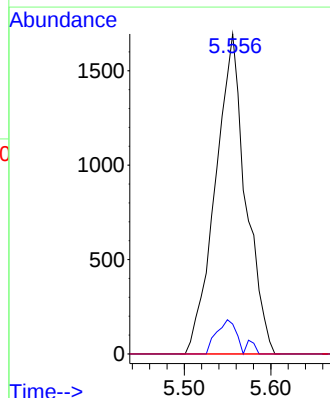
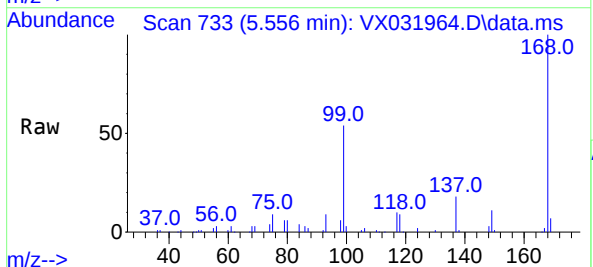
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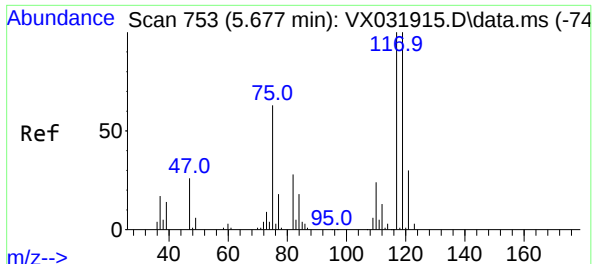
Tgt Ion:	113	Resp:	49155
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	18.5	14.1	21.1



#36
1,1-Dichloropropene
Concen: 3.202 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX031964.D
Acq: 07 Oct 2022 15:58

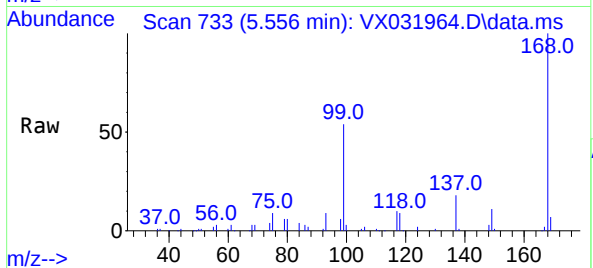
Tgt Ion:	75	Resp:	4132
Ion	Ratio	Lower	Upper
75	100		
110	6.8	17.5	52.5#
77	0.0	24.9	37.3#



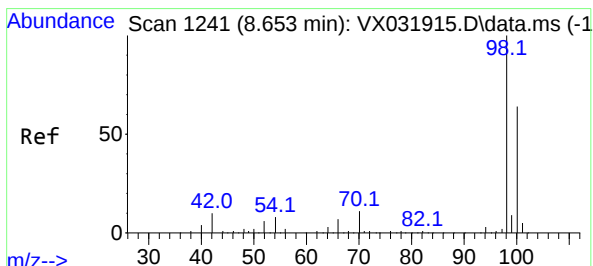
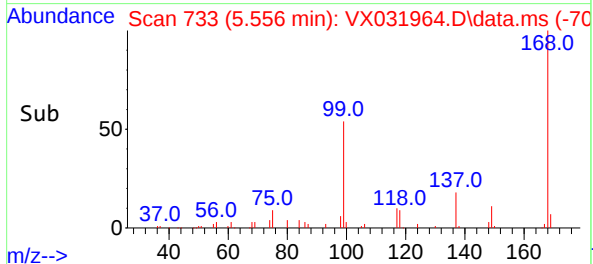
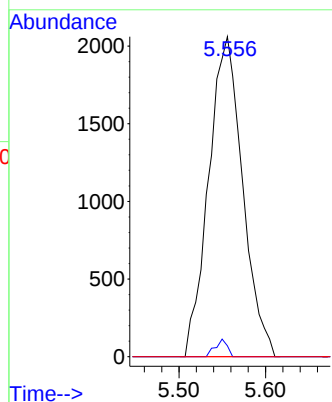


#38
Carbon Tetrachloride
Concen: 4.251 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX031964.D
Acq: 07 Oct 2022 15:58

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20221005

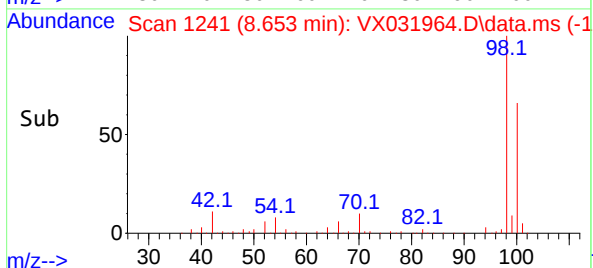
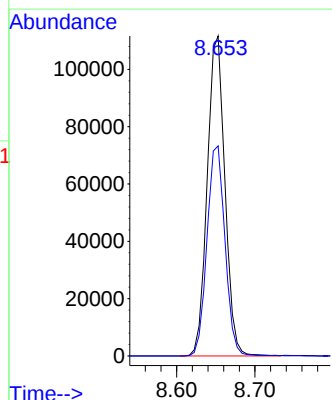
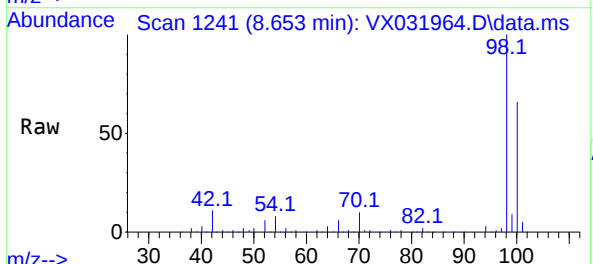


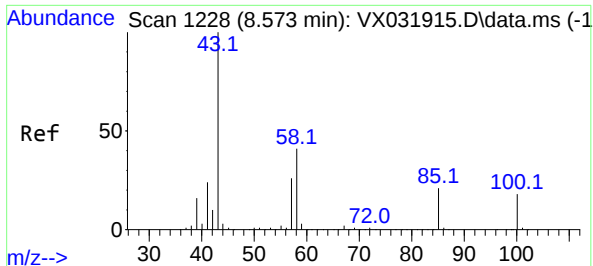
Tgt Ion:117 Resp: 5609
Ion Ratio Lower Upper
117 100
119 3.4 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.871 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031964.D
Acq: 07 Oct 2022 15:58

Tgt Ion: 98 Resp: 174637
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7

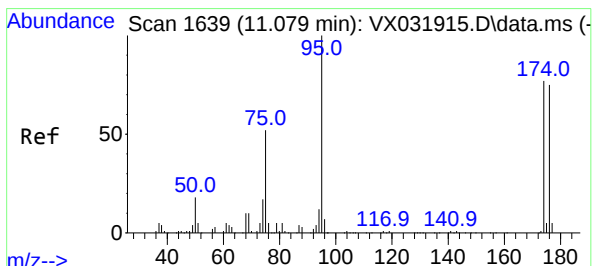
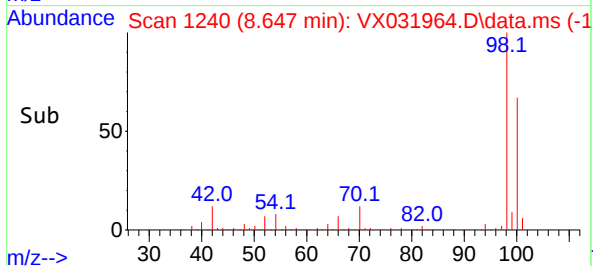
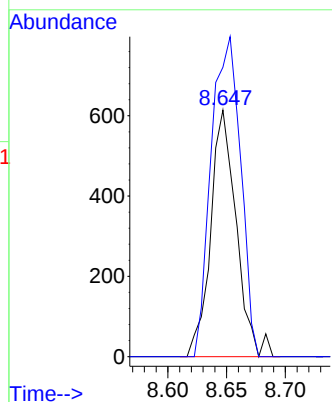
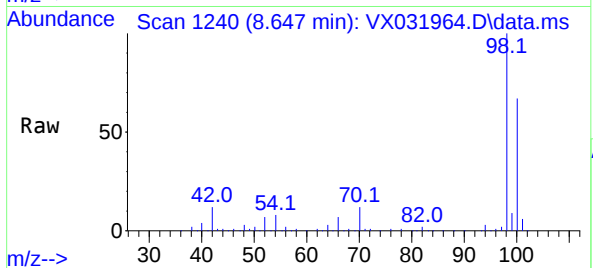




#51
4-Methyl-2-Pentanone
Concen: 0.762 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX031964.D
Acq: 07 Oct 2022 15:58

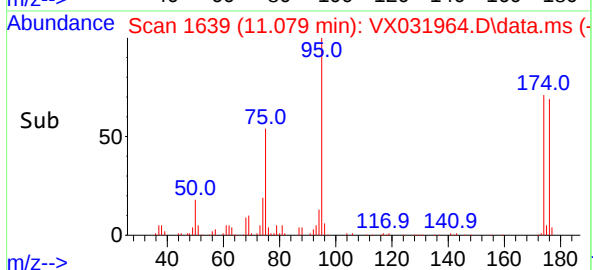
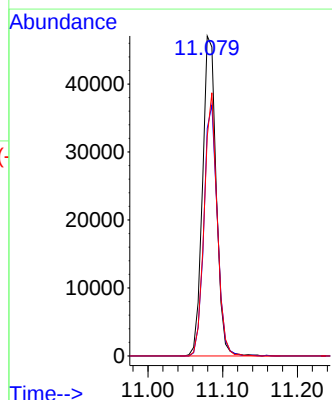
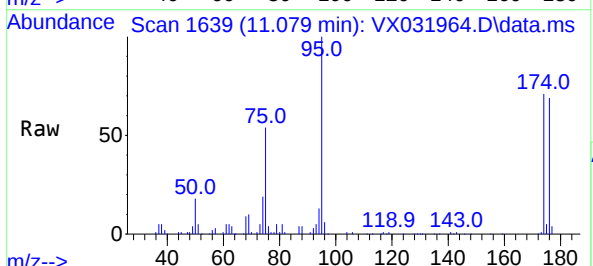
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20221005

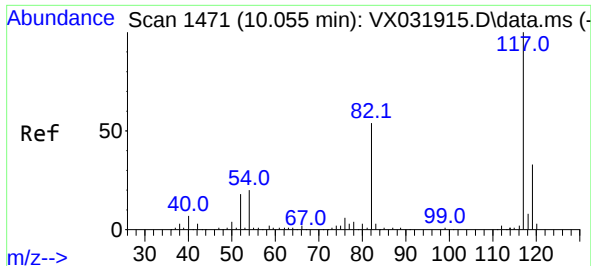
Tgt Ion: 43 Resp: 931
Ion Ratio Lower Upper
43 100
58 149.0 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 48.242 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031964.D
Acq: 07 Oct 2022 15:58

Tgt Ion: 95 Resp: 59722
Ion Ratio Lower Upper
95 100
174 77.0 0.0 153.2
176 77.7 0.0 144.0

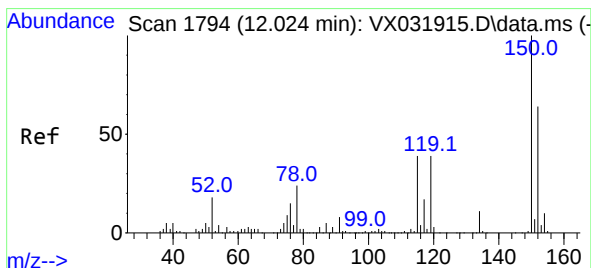
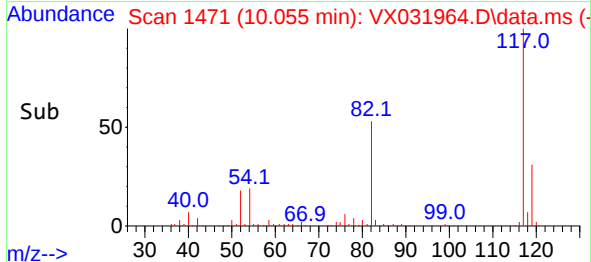
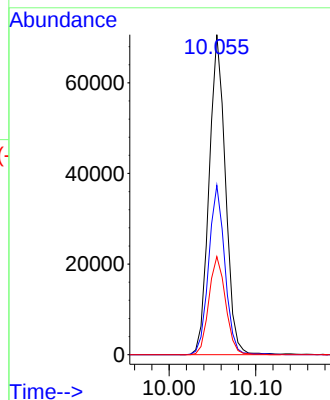
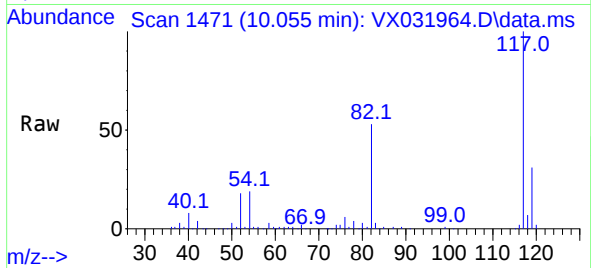




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031964.D
Acq: 07 Oct 2022 15:58

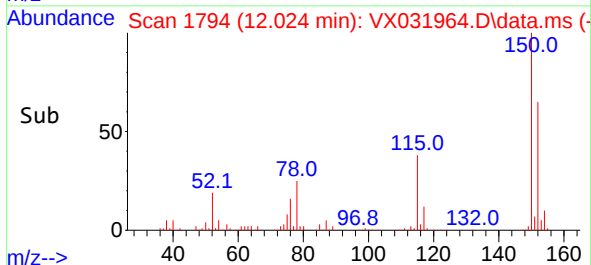
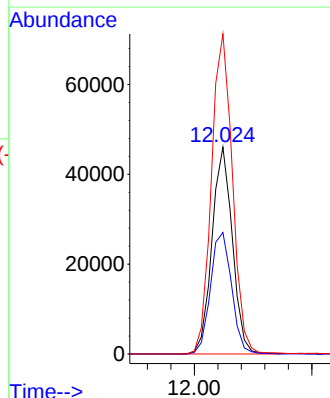
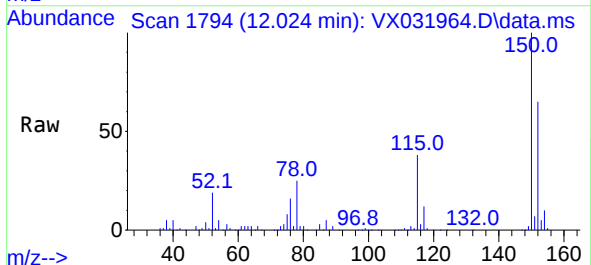
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20221005

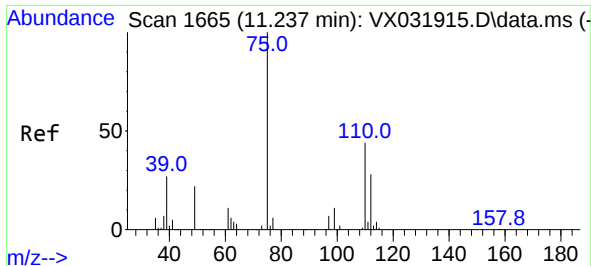
Tgt Ion:117	Resp:	92511
Ion	Ratio	Lower Upper
117	100	
82	52.9	46.8 70.2
119	30.7	26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031964.D
Acq: 07 Oct 2022 15:58

Tgt Ion:152	Resp:	55580
Ion	Ratio	Lower Upper
152	100	
115	60.9	43.4 130.1
150	159.0	0.0 346.8

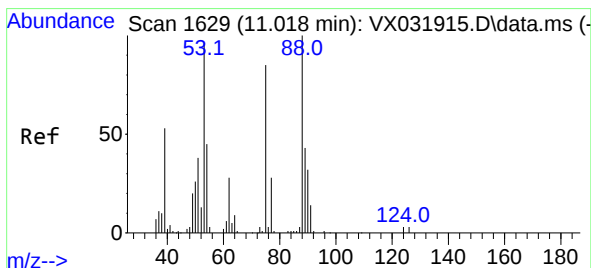
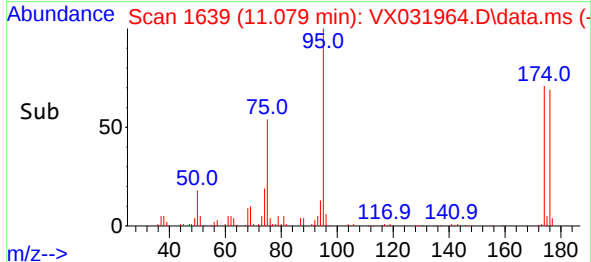
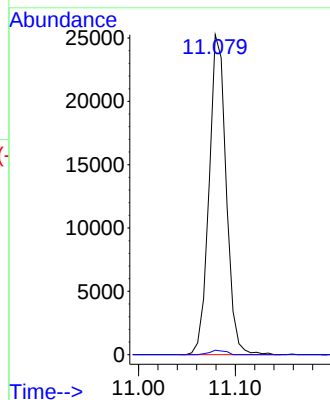
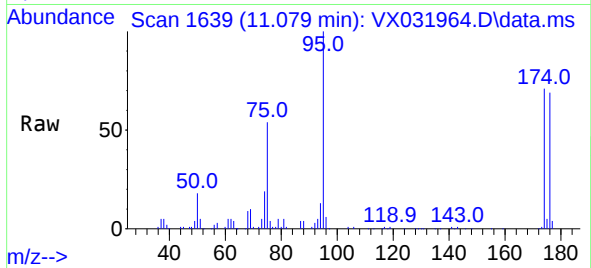




#76
1,2,3-Trichloropropane
Concen: 27.289 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031964.D
Acq: 07 Oct 2022 15:58

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20221005

Tgt Ion: 75 Resp: 31085
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.468 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031964.D
Acq: 07 Oct 2022 15:58

Tgt Ion: 75 Resp: 31085
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

