

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
 Data File : VX033830.D
 Acq On : 20 Jan 2023 15:54
 Operator : JC/MD
 Sample : 01242-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-TB-20230116

Quant Time: Jan 21 04:45:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

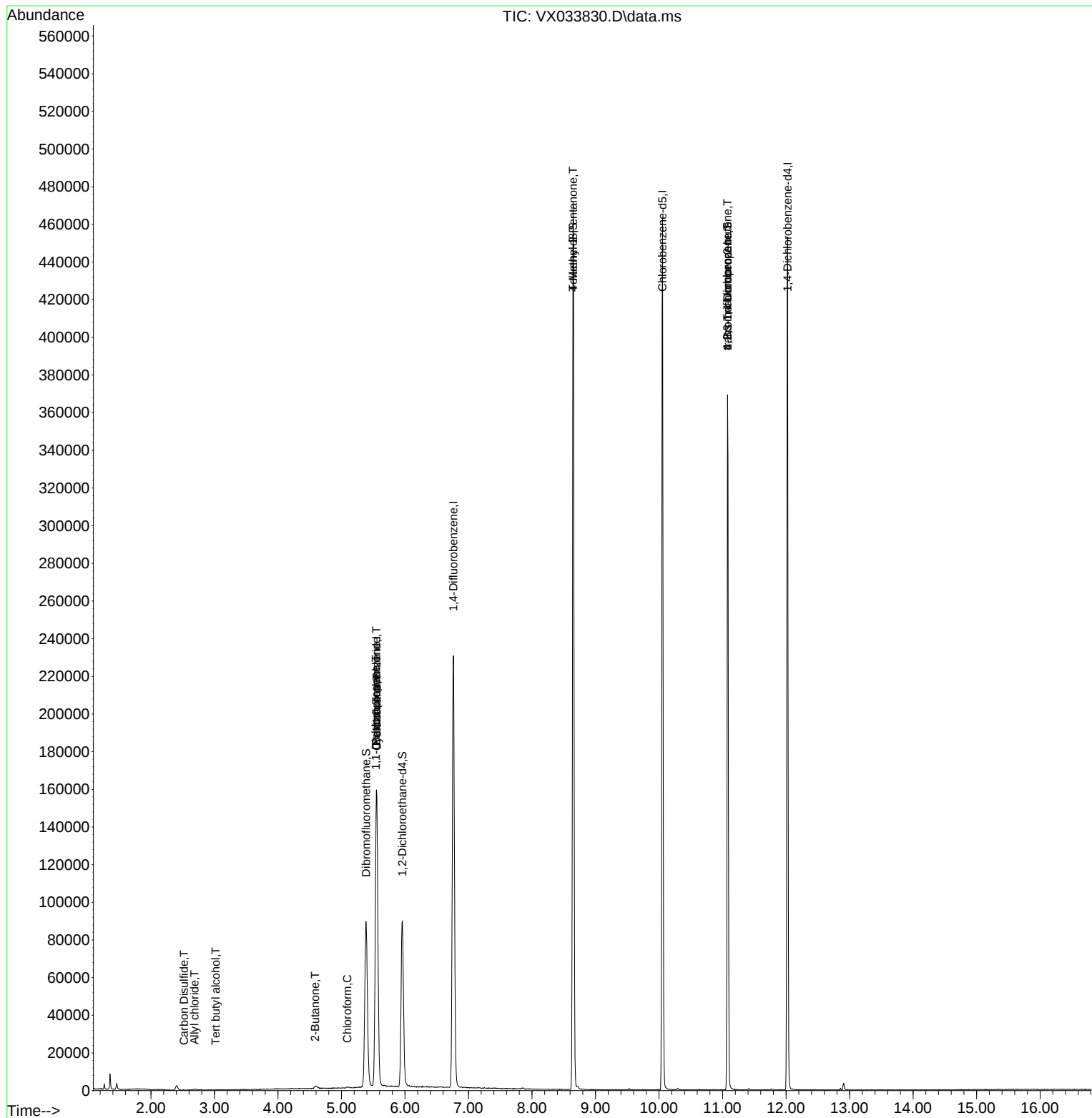
Internal Standards						
1) Pentafluorobenzene	5.550	168	170604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	249636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84797	47.206	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.420%		
35) Dibromofluoromethane	5.385	113	76875	49.593	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.180%		
50) Toluene-d8	8.646	98	286312	50.694	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.380%		
62) 4-Bromofluorobenzene	11.079	95	97704	46.594	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.180%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.019	59	75	0.240	ug/l #	86
14) Allyl chloride	2.684	41	645	0.246	ug/l #	25
16) Acetone	2.404	43	4277	Below Cal		93
17) Carbon Disulfide	2.520	76	148	1.863	ug/l #	76
20) Methylene Chloride	2.794	84	64	Below Cal	#	69
25) 2-Butanone	4.586	43	3449	2.939	ug/l #	89
30) Chloroform	5.092	83	617	0.209	ug/l #	67
31) Cyclohexane	5.556	56	2421	0.916	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	10326	4.564	ug/l #	48
37) Ethyl Acetate	4.678	43	204	Below Cal	#	68
38) Carbon Tetrachloride	5.550	117	14739	6.290	ug/l #	14
51) 4-Methyl-2-Pentanone	8.646	43	1185	0.540	ug/l #	1
73) Isopropylbenzene	11.079	105	97	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	45590	23.801	ug/l #	34
79) 2-Chlorotoluene	11.311	91	27	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	45590	73.971	ug/l #	8
82) 4-Chlorotoluene	11.311	91	27	Below Cal	#	43

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

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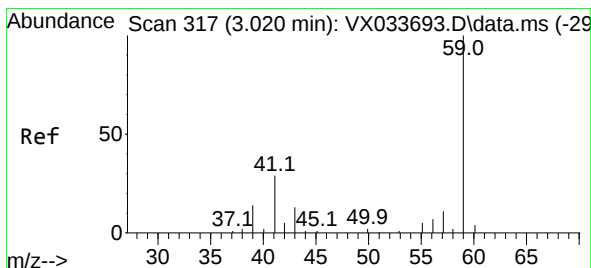
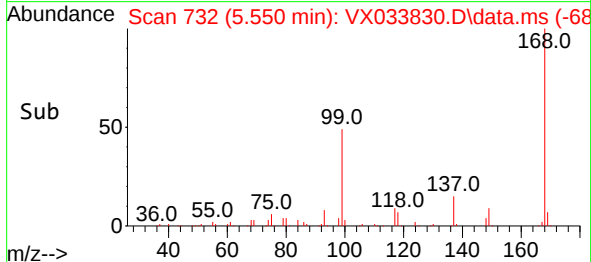
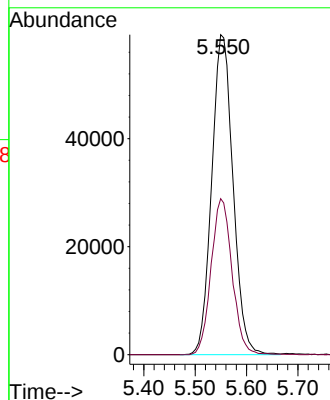
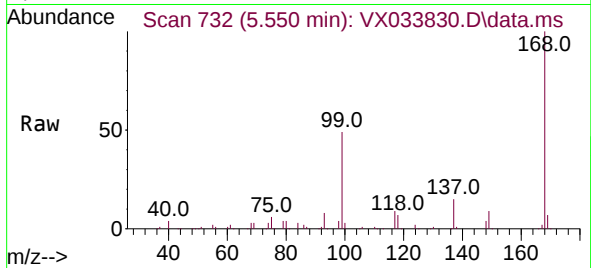




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX033830.D
Acq: 20 Jan 2023 15:54

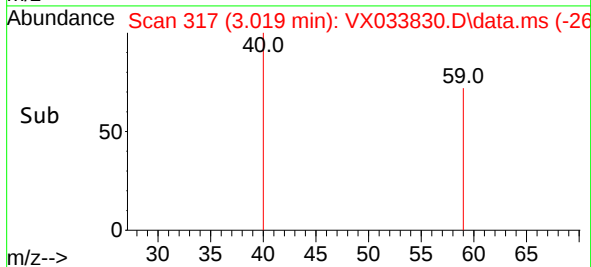
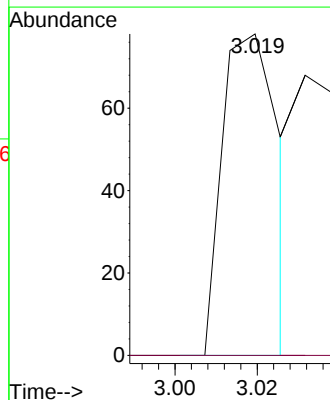
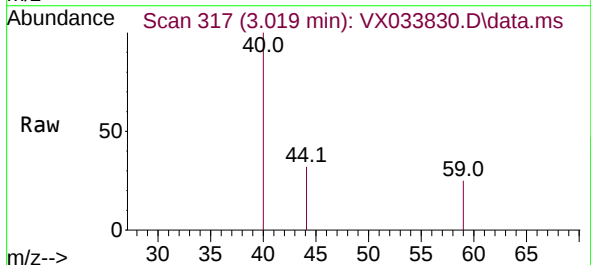
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-TB-20230116

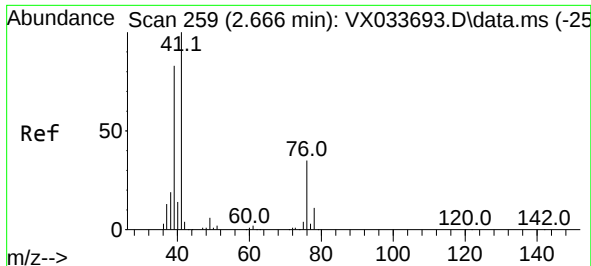
Tgt Ion:168 Resp: 170604
Ion Ratio Lower Upper
168 100
99 48.7 39.6 59.4



#11
Tert butyl alcohol
Concen: 0.240 ug/l
RT: 3.019 min Scan# 317
Delta R.T. -0.000 min
Lab File: VX033830.D
Acq: 20 Jan 2023 15:54

Tgt Ion: 59 Resp: 75
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#





#14

Allyl chloride

Concen: 0.246 ug/l

RT: 2.684 min Scan# 216

Delta R.T. 0.018 min

Lab File: VX033830.D

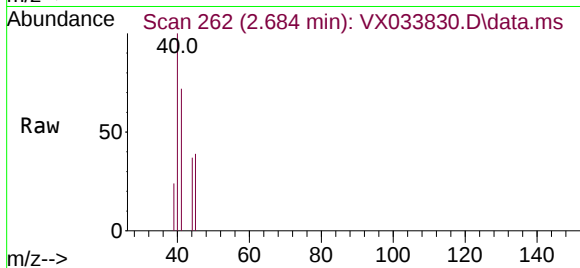
Acq: 20 Jan 2023 15:54

Instrument :

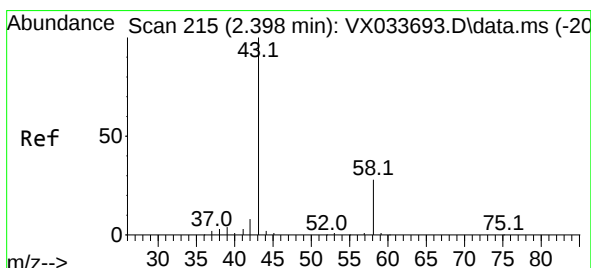
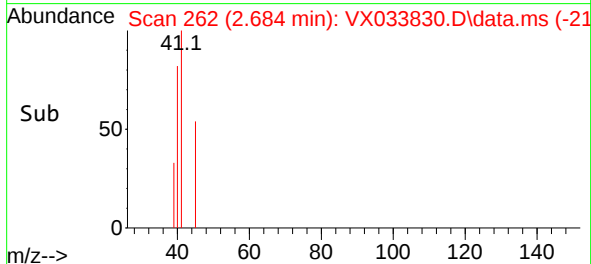
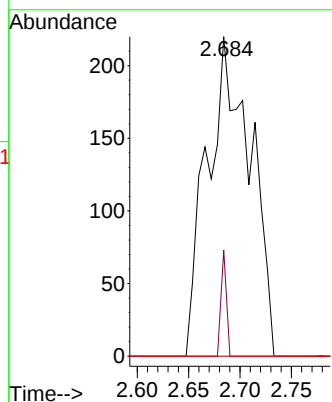
MSVOA_X

ClientSampleId :

BP-VPB-RW10-TB-20230116



Tgt Ion:	41	Resp:	645
Ion Ratio	Lower	Upper	
41	100		
39	4.2	59.0	88.4#
76	0.0	24.6	37.0#



#16

Acetone

Concen: Below Cal

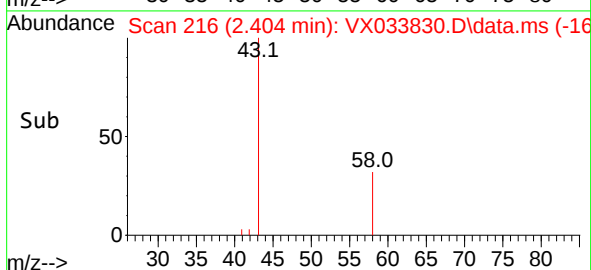
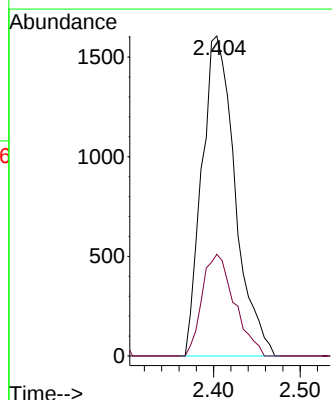
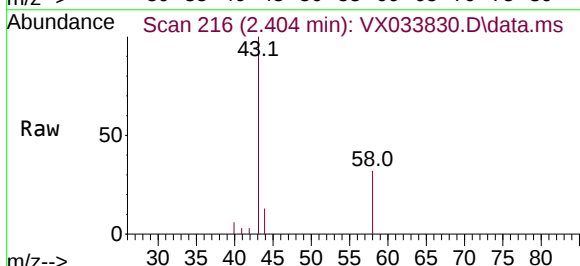
RT: 2.404 min Scan# 216

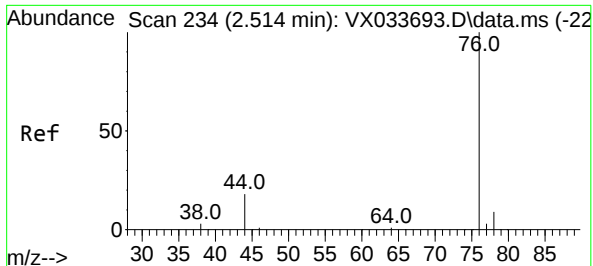
Delta R.T. 0.006 min

Lab File: VX033830.D

Acq: 20 Jan 2023 15:54

Tgt Ion:	43	Resp:	4277
Ion Ratio	Lower	Upper	
43	100		
58	31.8	22.6	33.8





#17

Carbon Disulfide

Concen: 1.863 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX033830.D

Acq: 20 Jan 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

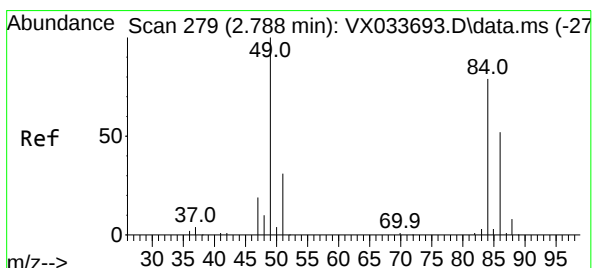
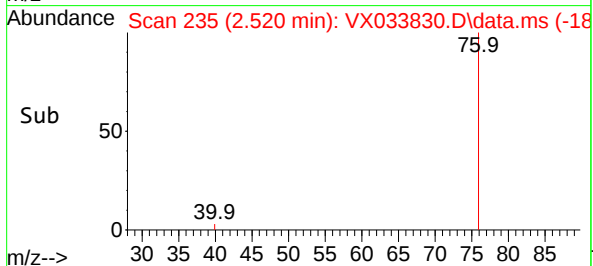
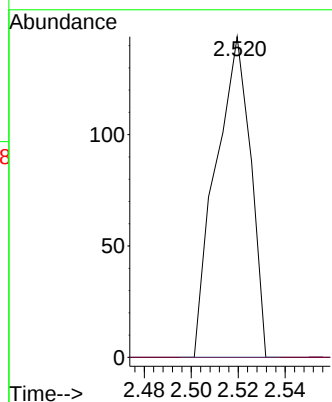
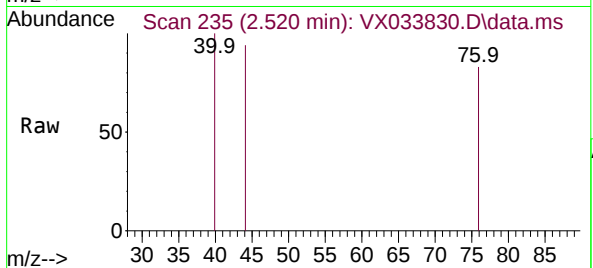
BP-VPB-RW10-TB-20230116

Tgt Ion: 76 Resp: 148

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX033830.D

Acq: 20 Jan 2023 15:54

Tgt Ion: 84 Resp: 64

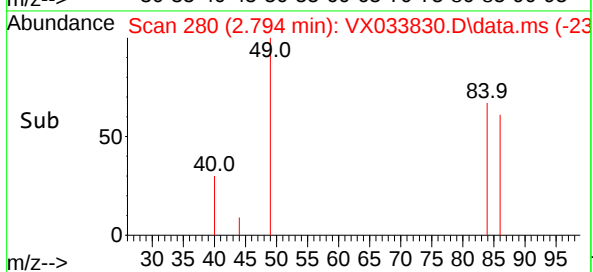
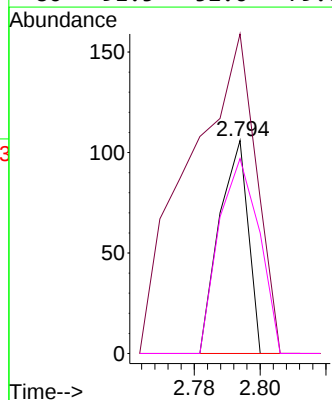
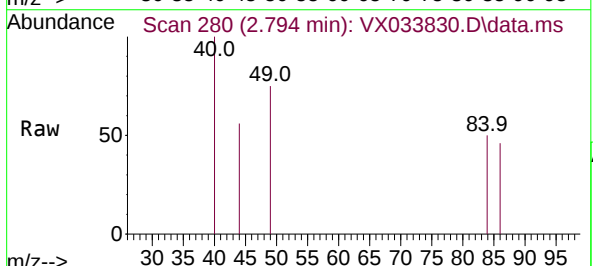
Ion Ratio Lower Upper

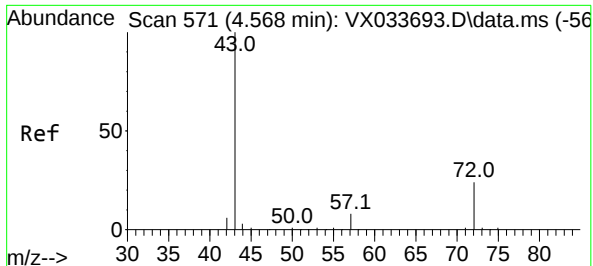
84 100

49 150.0 101.1 151.7

51 0.0 31.0 46.6#

86 91.5 52.6 79.0#





#25

2-Butanone

Concen: 2.939 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX033830.D

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MSVOA_X

ClientSampleId :

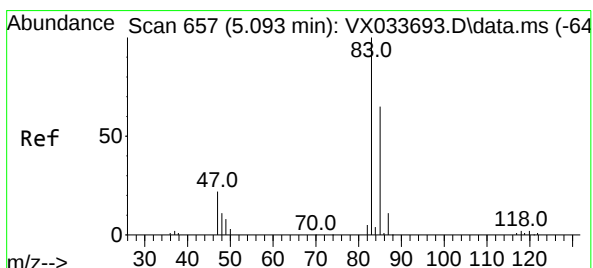
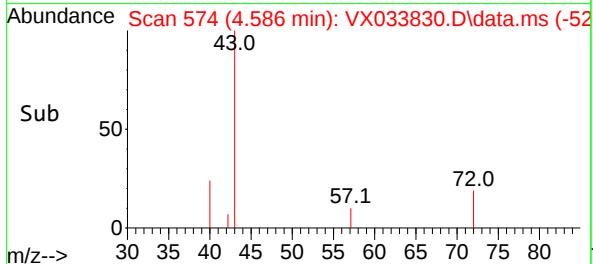
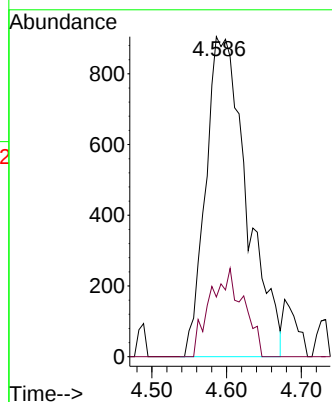
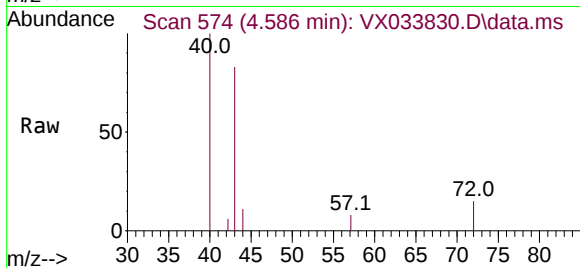
BP-VPB-RW10-TB-20230116

Tgt Ion: 43 Resp: 3449

Ion Ratio Lower Upper

43 100

72 18.7 19.4 29.2#



#30

Chloroform

Concen: 0.209 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX033830.D

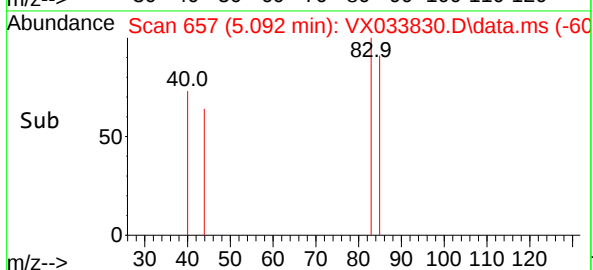
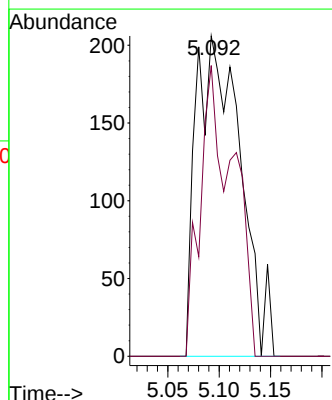
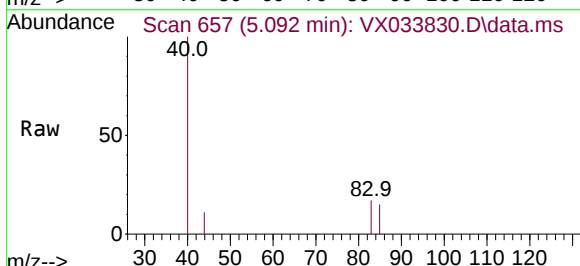
Acq: 20 Jan 2023 15:54

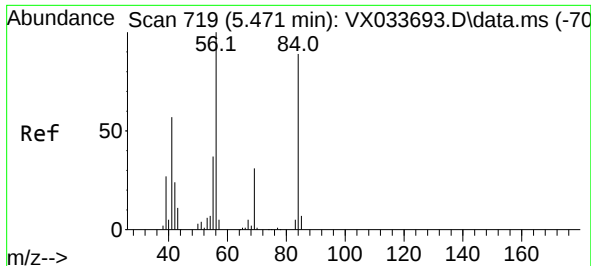
Tgt Ion: 83 Resp: 617

Ion Ratio Lower Upper

83 100

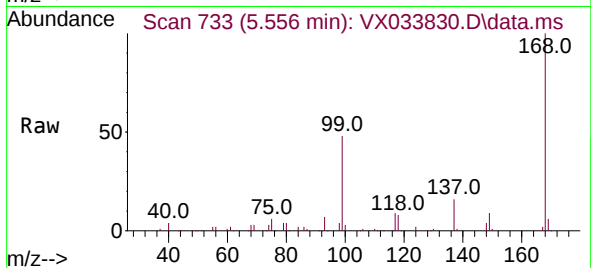
85 90.8 52.1 78.1#





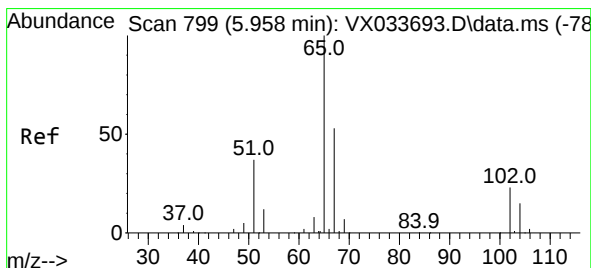
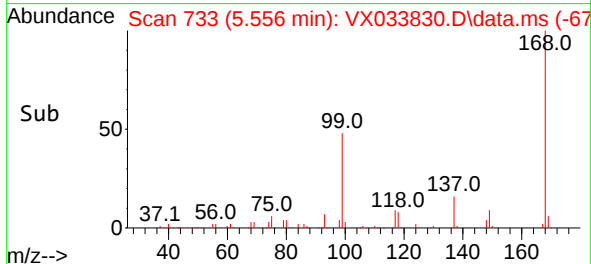
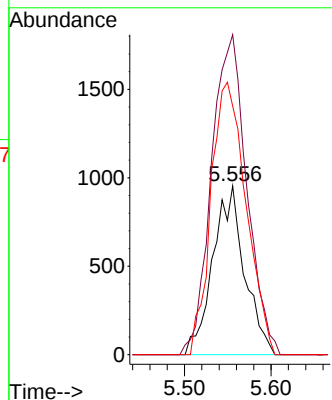
#31
Cyclohexane
Concen: 0.916 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX033830.D
Acq: 20 Jan 2023 15:54

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-TB-20230116



Tgt Ion: 56 Resp: 2421

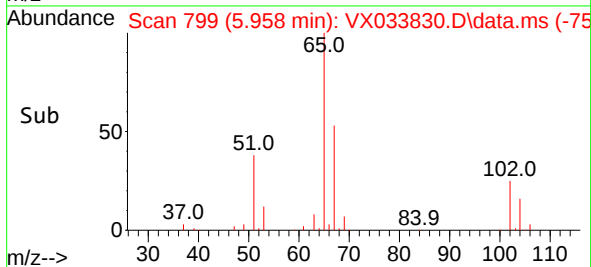
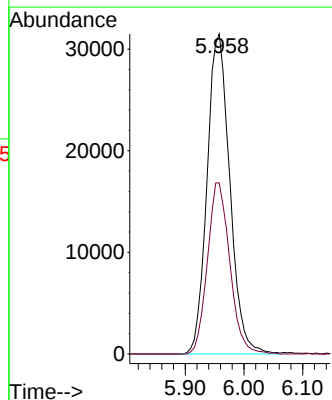
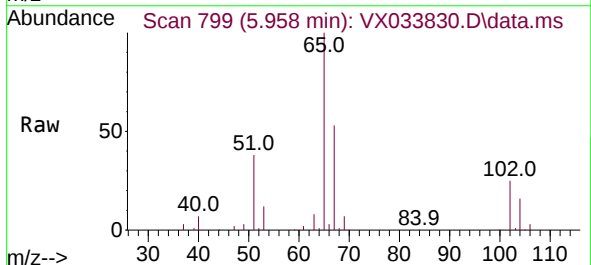
Ion	Ratio	Lower	Upper
56	100		
69	189.6	24.6	37.0#
84	147.4	71.0	106.6#

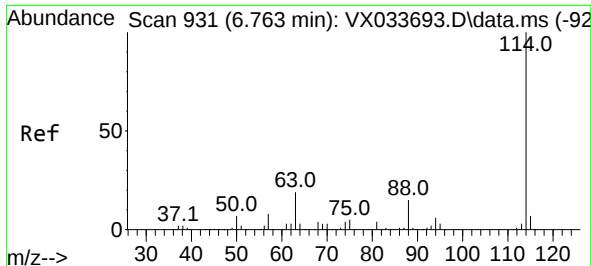


#33
1,2-Dichloroethane-d4
Concen: 47.206 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033830.D
Acq: 20 Jan 2023 15:54

Tgt Ion: 65 Resp: 84797

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.8

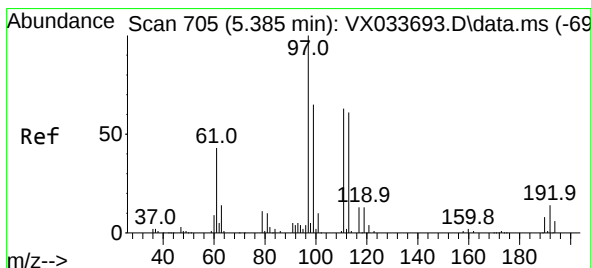
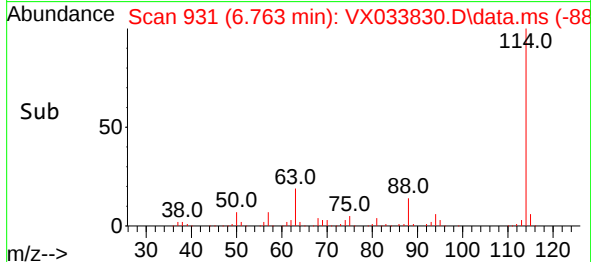
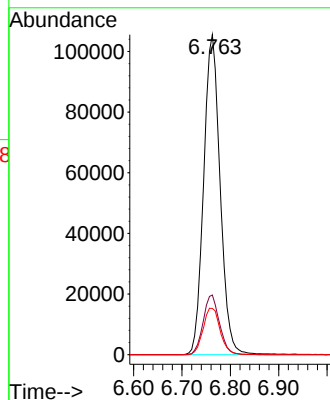
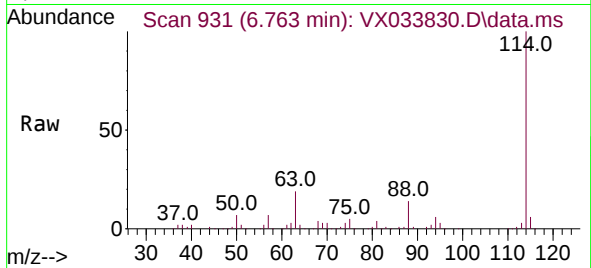




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033830.D
Acq: 20 Jan 2023 15:54

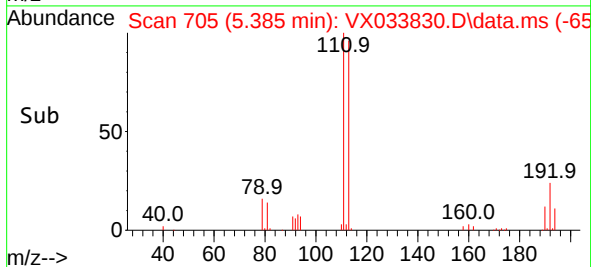
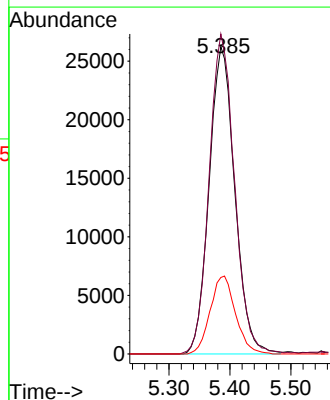
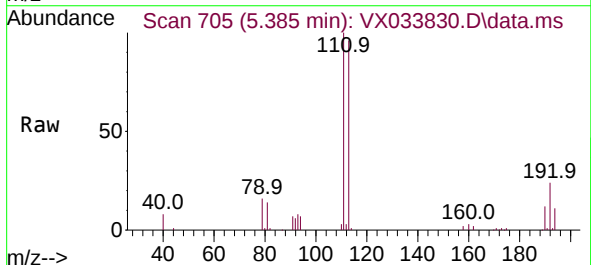
Instrument :
MSVOA_X
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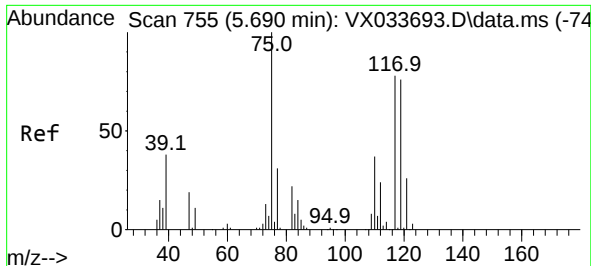
Tgt Ion:114 Resp: 249636
Ion Ratio Lower Upper
114 100
63 18.6 0.0 37.4
88 14.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.593 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033830.D
Acq: 20 Jan 2023 15:54

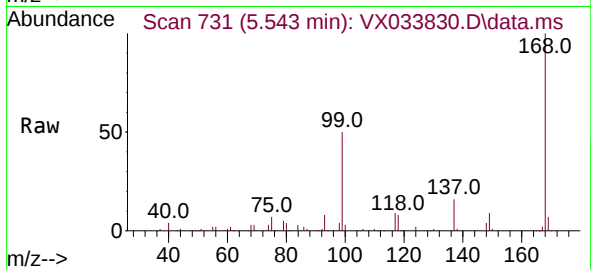
Tgt Ion:113 Resp: 76875
Ion Ratio Lower Upper
113 100
111 103.1 83.0 124.6
192 25.0 19.0 28.4



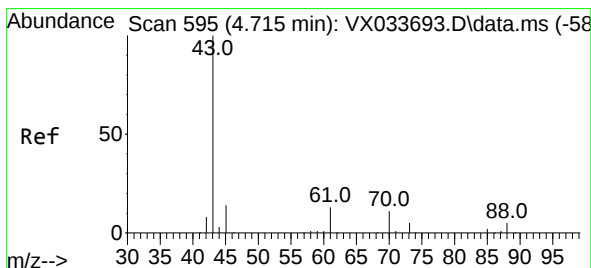
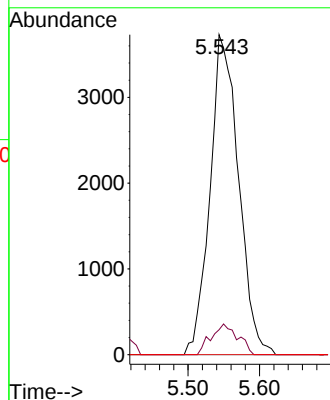
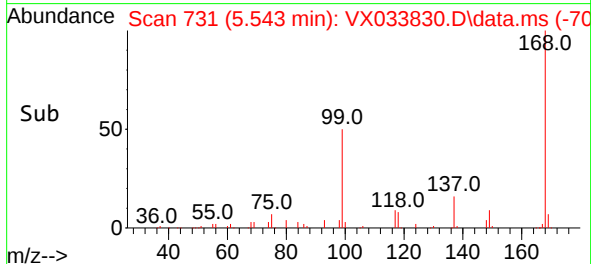


#36
1,1-Dichloropropene
Concen: 4.564 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX033830.D
Acq: 20 Jan 2023 15:54

Instrument :
MSVOA_X
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BP-VPB-RW10-TB-20230116

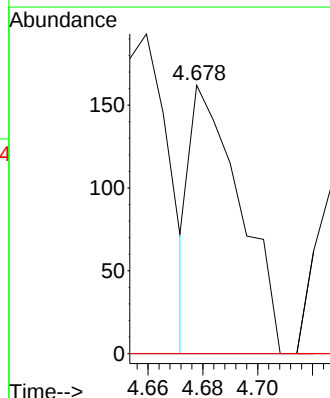
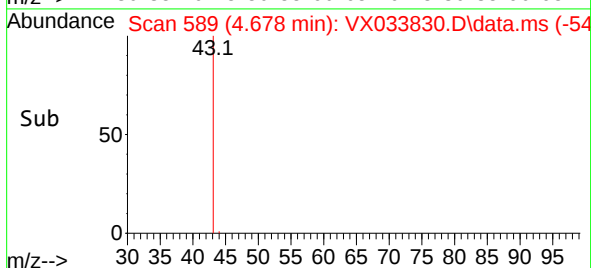
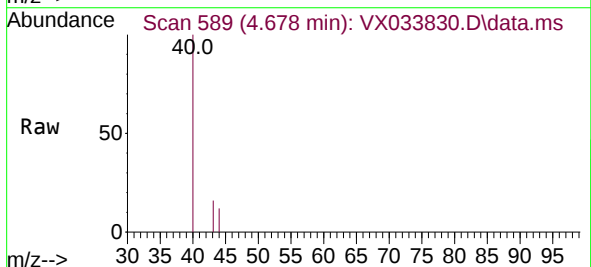


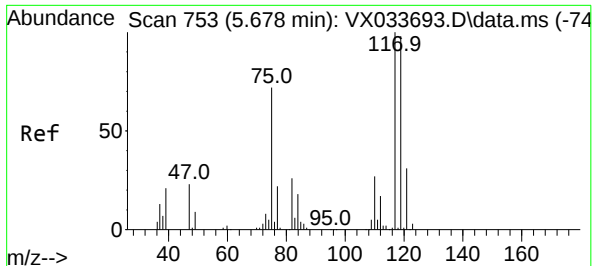
Tgt Ion: 75 Resp: 10326
Ion Ratio Lower Upper
75 100
110 9.0 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: Below Cal
RT: 4.678 min Scan# 589
Delta R.T. -0.037 min
Lab File: VX033830.D
Acq: 20 Jan 2023 15:54

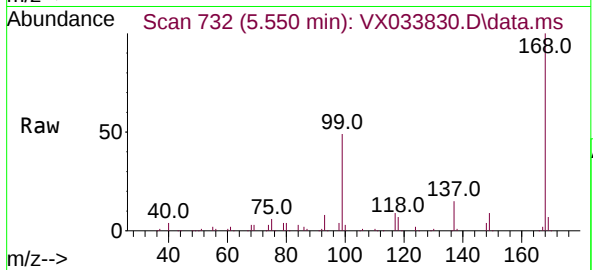
Tgt Ion: 43 Resp: 204
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.5 12.7#



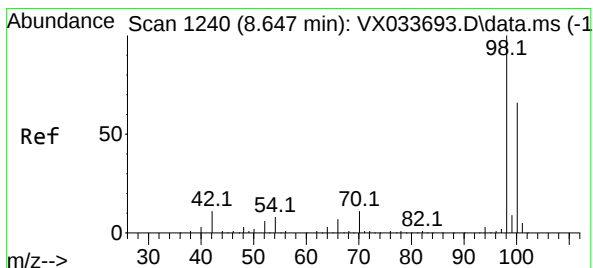
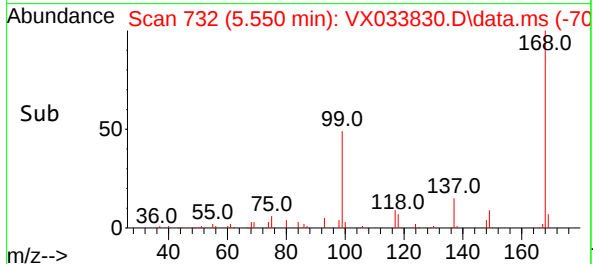
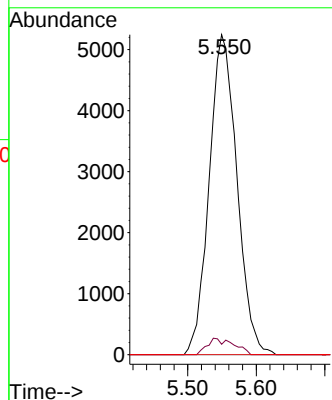


#38
Carbon Tetrachloride
Concen: 6.290 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033830.D
Acq: 20 Jan 2023 15:54

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-TB-20230116

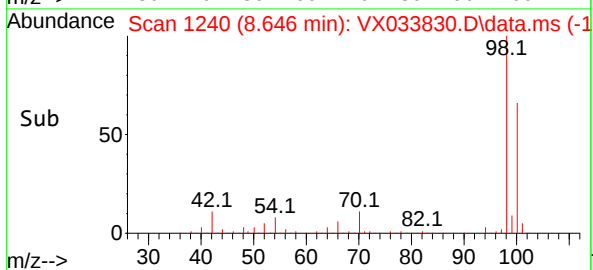
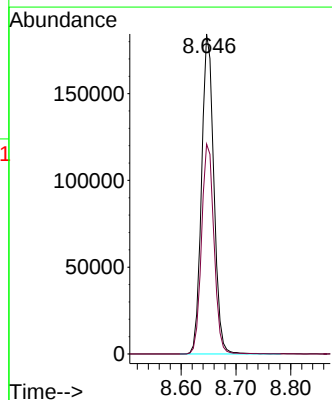
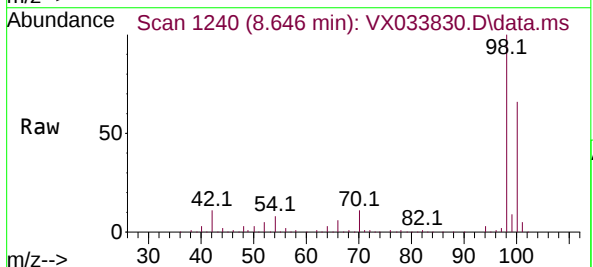


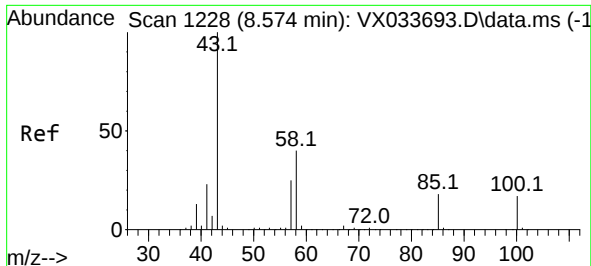
Tgt Ion:117 Resp: 14739
Ion Ratio Lower Upper
117 100
119 3.2 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.694 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033830.D
Acq: 20 Jan 2023 15:54

Tgt Ion: 98 Resp: 286312
Ion Ratio Lower Upper
98 100
100 66.6 53.6 80.4

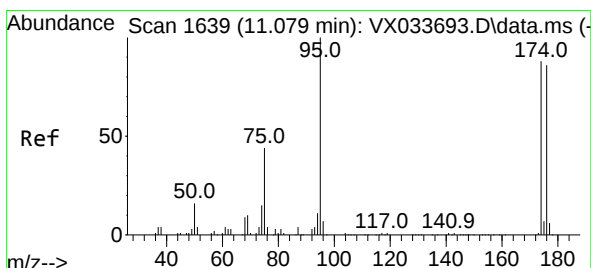
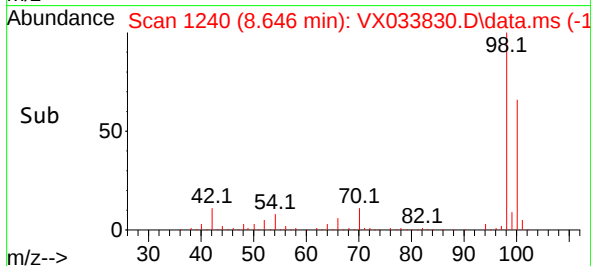
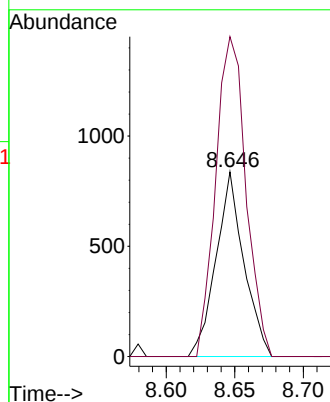
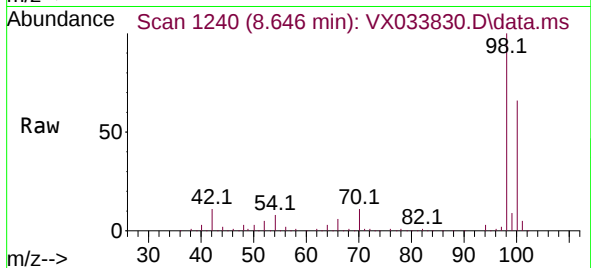




#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 8.646 min Scan# 1185
Delta R.T. 0.073 min
Lab File: VX033830.D
Acq: 20 Jan 2023 15:54

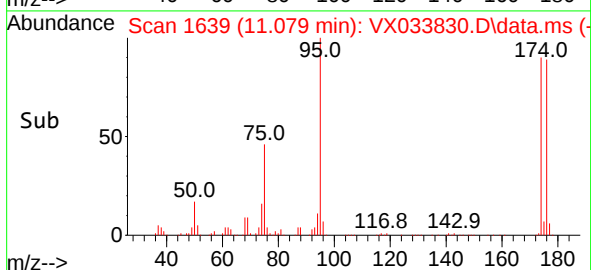
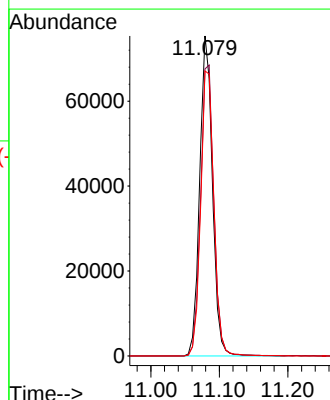
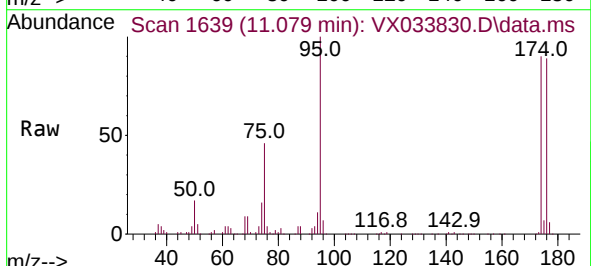
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-TB-20230116

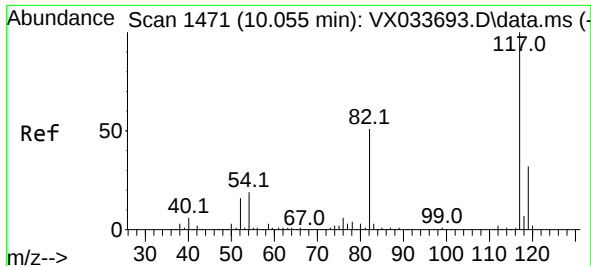
Tgt Ion: 43 Resp: 1185
Ion Ratio Lower Upper
43 100
58 187.8 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 46.594 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033830.D
Acq: 20 Jan 2023 15:54

Tgt Ion: 95 Resp: 97704
Ion Ratio Lower Upper
95 100
174 94.7 0.0 184.4
176 92.4 0.0 178.8

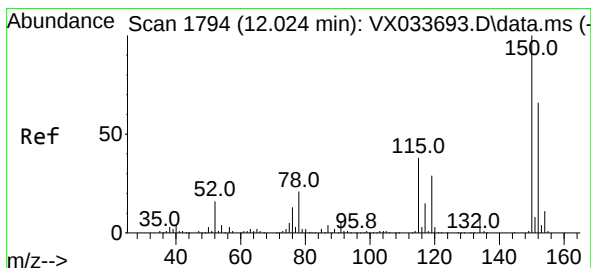
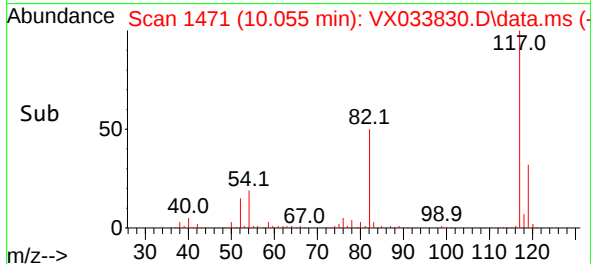
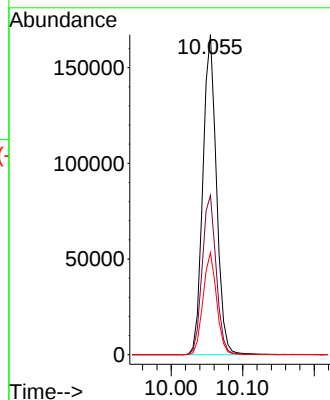
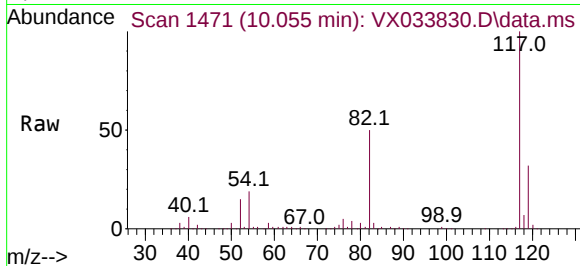




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033830.D
Acq: 20 Jan 2023 15:54

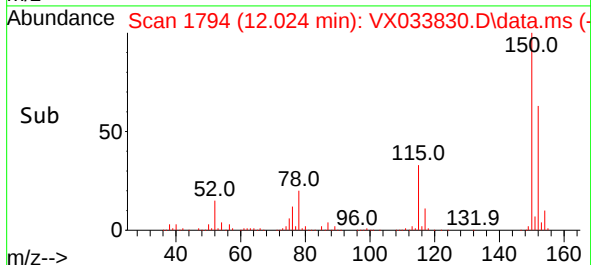
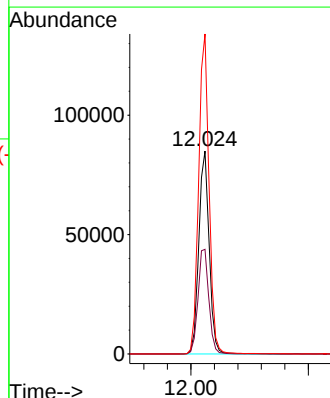
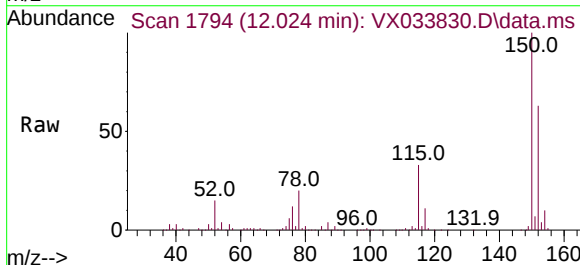
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-TB-20230116

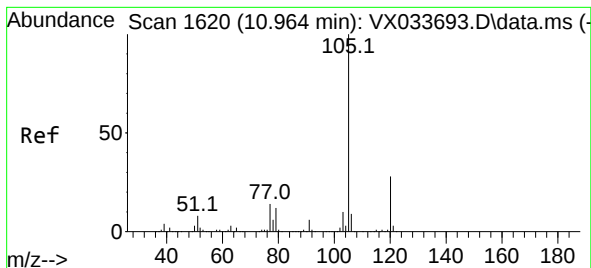
Tgt Ion:117 Resp: 221397
Ion Ratio Lower Upper
117 100
82 49.8 40.6 60.8
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033830.D
Acq: 20 Jan 2023 15:54

Tgt Ion:152 Resp: 104251
Ion Ratio Lower Upper
152 100
115 53.9 38.7 116.1
150 157.4 0.0 348.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 11.079 min Scan# 1639

Delta R.T. 0.115 min

Lab File: VX033830.D

Acq: 20 Jan 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

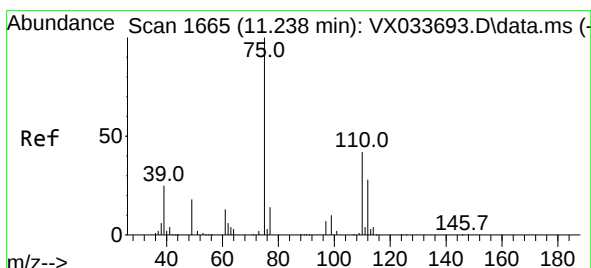
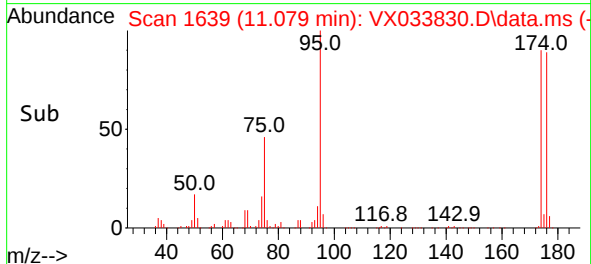
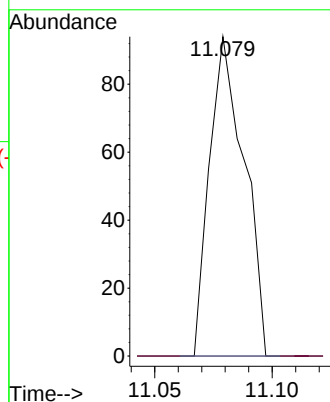
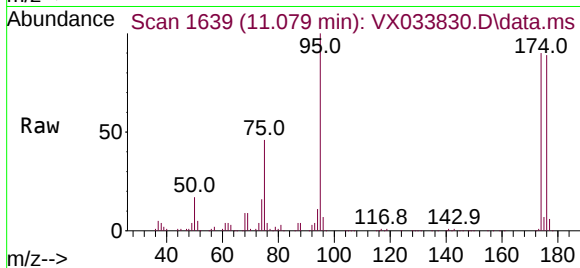
BP-VPB-RW10-TB-20230116

Tgt Ion:105 Resp: 97

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#



#76

1,2,3-Trichloropropane

Concen: 23.801 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX033830.D

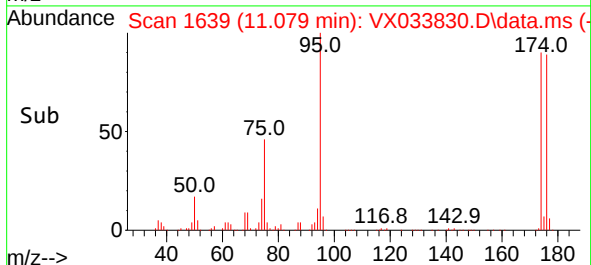
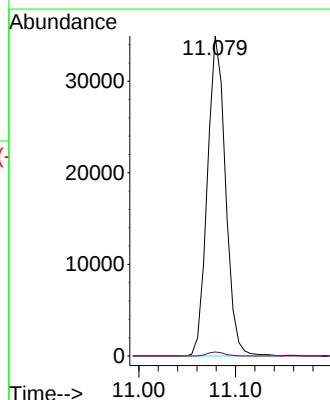
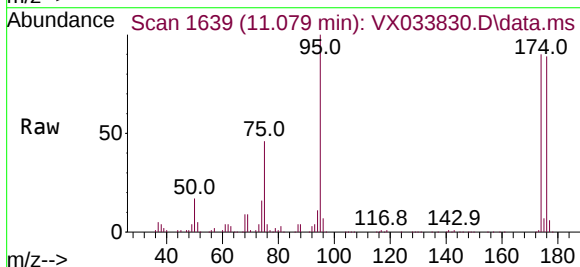
Acq: 20 Jan 2023 15:54

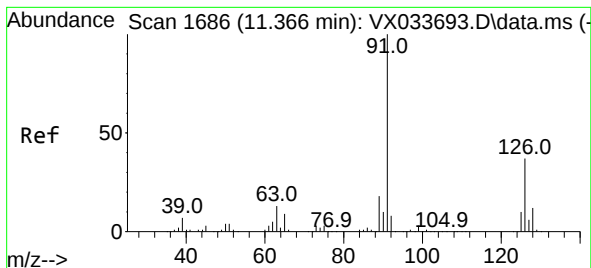
Tgt Ion: 75 Resp: 45590

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.4#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.311 min Scan# 1677

Delta R.T. -0.055 min

Lab File: VX033830.D

Acq: 20 Jan 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

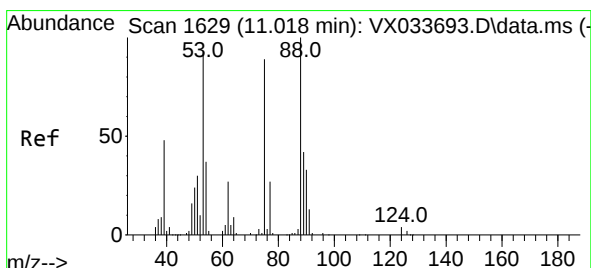
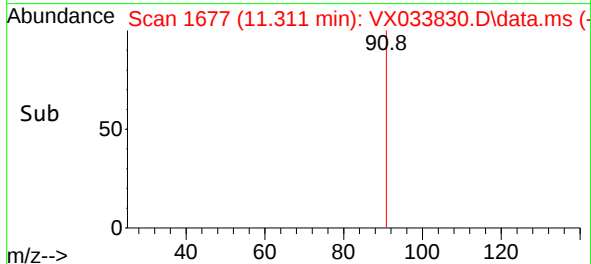
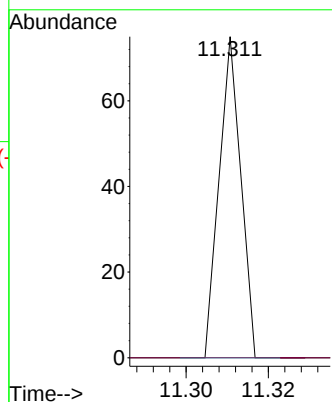
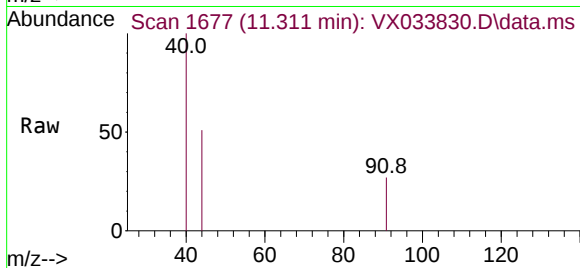
BP-VPB-RW10-TB-20230116

Tgt Ion: 91 Resp: 27

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.971 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033830.D

Acq: 20 Jan 2023 15:54

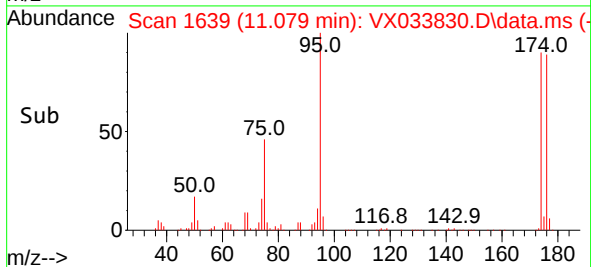
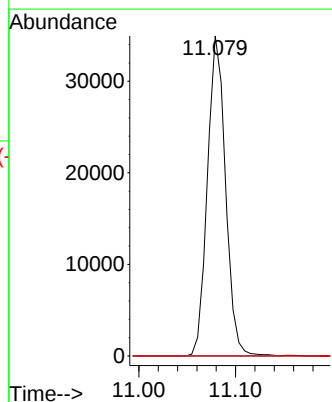
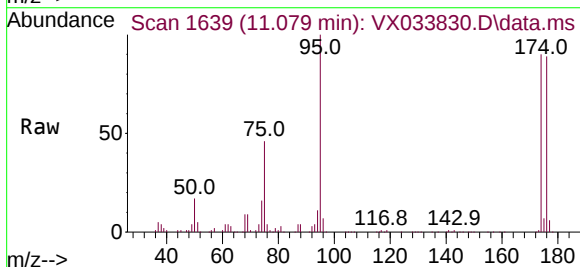
Tgt Ion: 75 Resp: 45590

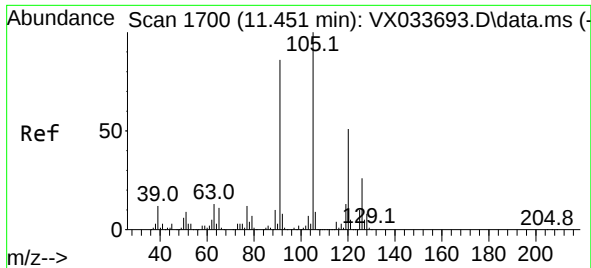
Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#





#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.311 min Scan# 1
 Delta R.T. -0.140 min
 Lab File: VX033830.D
 Acq: 20 Jan 2023 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-TB-20230116

Tgt Ion: 91 Resp: 27
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.4#

