

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031726.D
 Acq On : 28 Sep 2022 14:54
 Operator : JC/MD
 Sample : N4848-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-EB-20220926

Quant Time: Sep 29 04:31:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

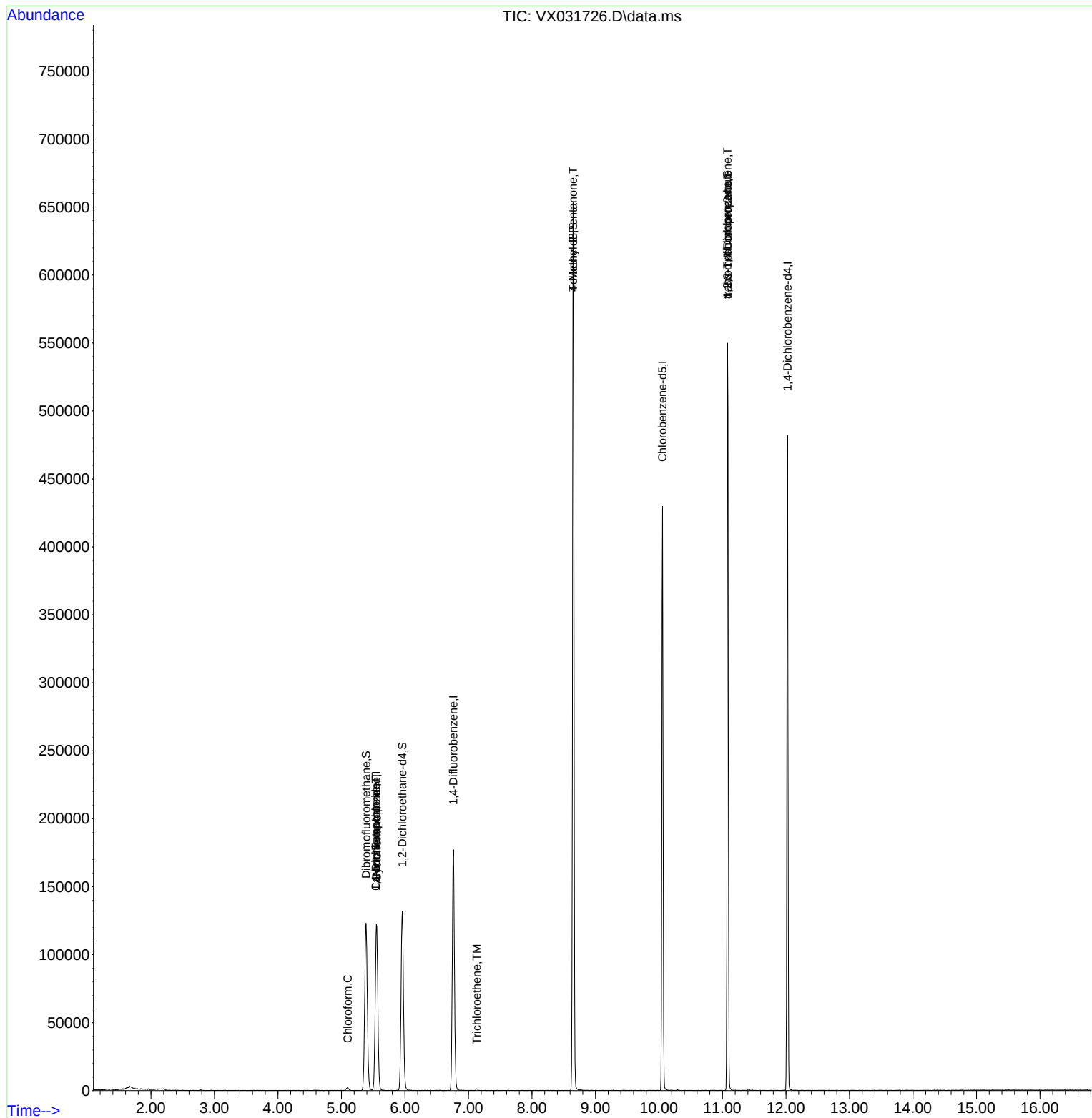
Internal Standards						
1) Pentafluorobenzene	5.550	168	116079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182797	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126346	51.284	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.560%	
35) Dibromofluoromethane	5.385	113	102551	47.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.160%	
50) Toluene-d8	8.647	98	392731	49.736	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.480%	
62) 4-Bromofluorobenzene	11.079	95	134503	46.474	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.940%	
Target Compounds						Qvalue
3) Chloromethane	1.282	50	27	Below Cal	#	41
5) Bromomethane	1.618	94	331	Below Cal		91
6) Chloroethane	1.685	64	24	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	22	Below Cal	#	73
12) 1,1-Dichloroethene	2.191	96	25	Below Cal	#	1
16) Acetone	2.386	43	148	Below Cal	#	45
17) Carbon Disulfide	2.502	76	57	Below Cal	#	75
20) Methylene Chloride	2.776	84	240	Below Cal	#	62
30) Chloroform	5.099	83	2689	0.726	ug/l	89
31) Cyclohexane	5.556	56	2697	1.151	ug/l #	54
36) 1,1-Dichloropropene	5.544	75	8813	3.523	ug/l #	51
38) Carbon Tetrachloride	5.544	117	11990	4.253	ug/l #	16
44) Trichloroethene	7.129	130	534	0.246	ug/l	85
51) 4-Methyl-2-Pentanone	8.647	43	1609	0.640	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	74245	42.330	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	74245	138.268	ug/l #	11

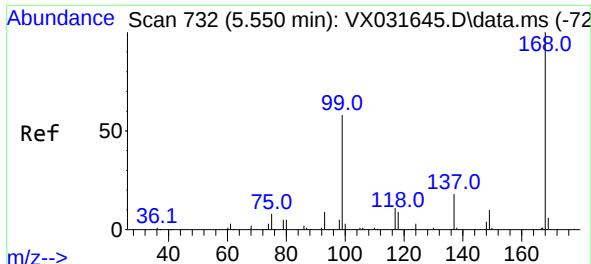
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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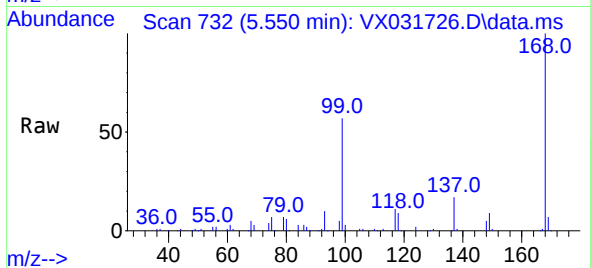
Quant Time: Sep 29 04:31:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
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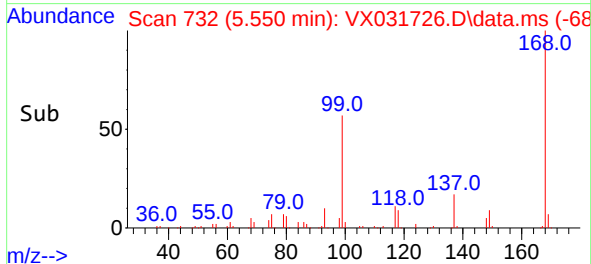
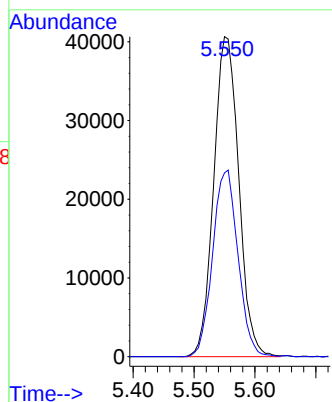


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220926

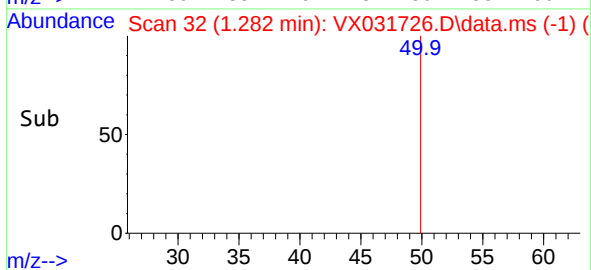
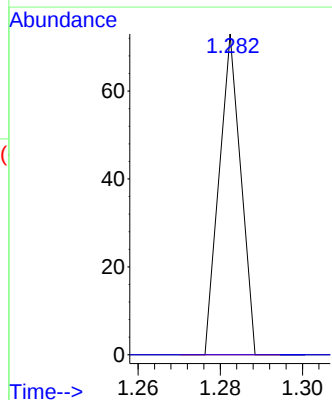
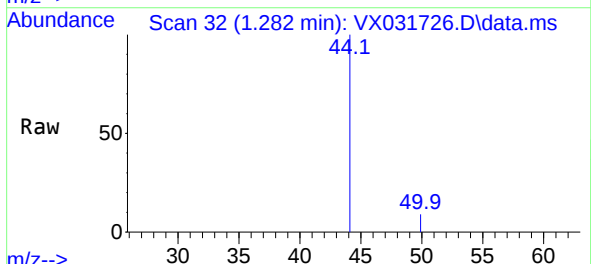


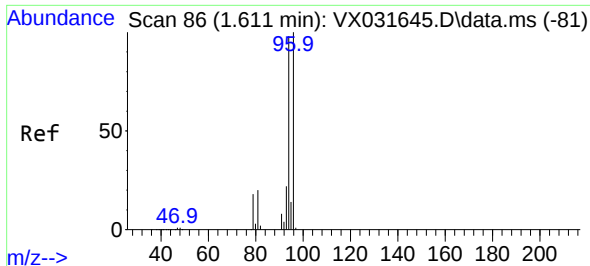
Tgt Ion:168 Resp: 116079
Ion Ratio Lower Upper
168 100
99 57.4 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.282 min Scan# 32
Delta R.T. -0.006 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

Tgt Ion: 50 Resp: 27
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

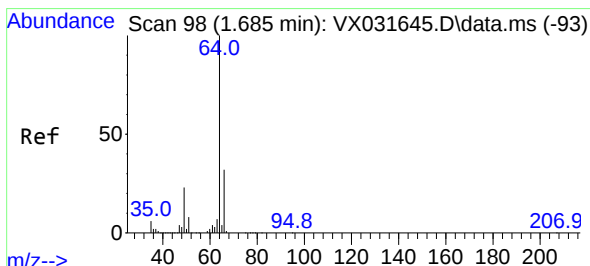
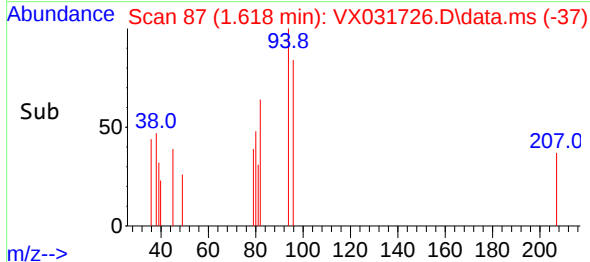
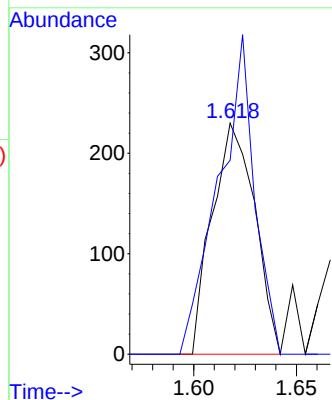
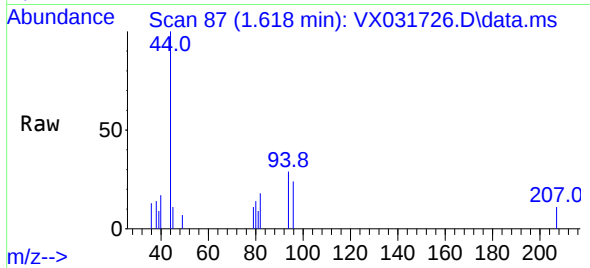




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

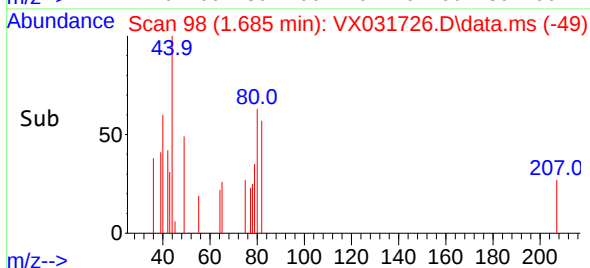
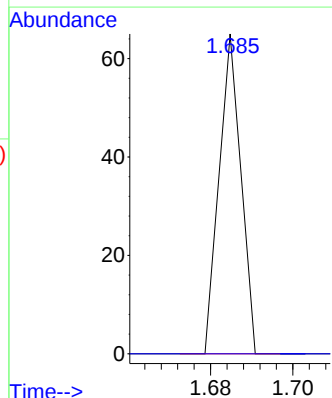
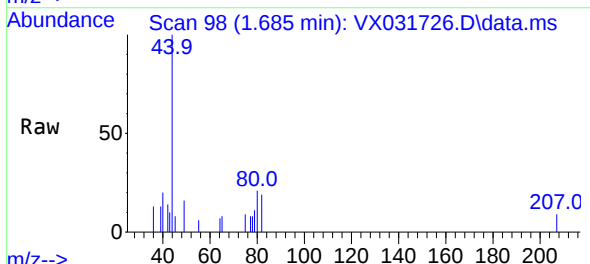
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220926

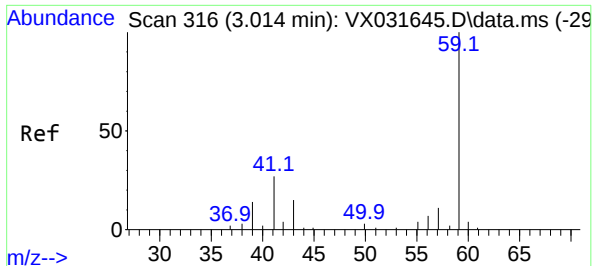
Tgt Ion: 94 Resp: 331
Ion Ratio Lower Upper
94 100
96 83.9 74.4 111.6



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 306

Delta R.T. -0.036 min

Lab File: VX031726.D

Acq: 28 Sep 2022 14:54

Instrument :

MSVOA_X

ClientSampleId :

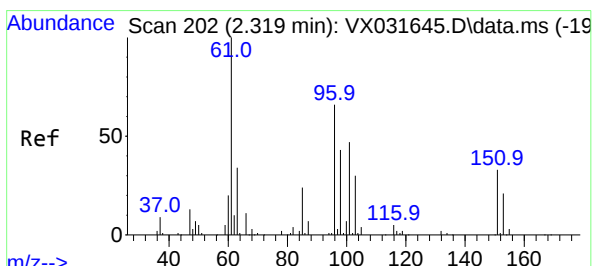
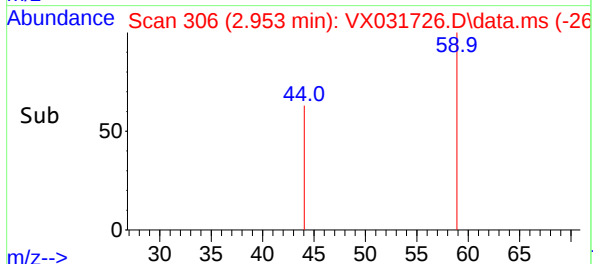
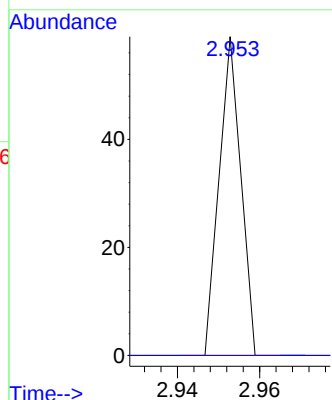
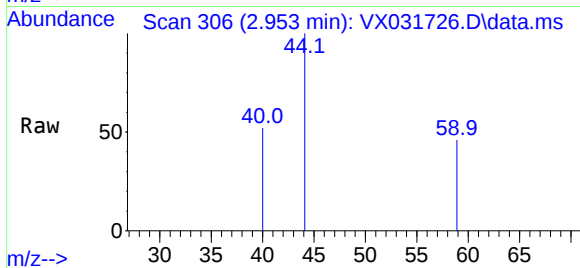
BP-VPB-RW5-EB-20220926

Tgt Ion: 59 Resp: 22

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#12

1,1-Dichloroethene

Concen: Below Cal

RT: 2.191 min Scan# 181

Delta R.T. -0.128 min

Lab File: VX031726.D

Acq: 28 Sep 2022 14:54

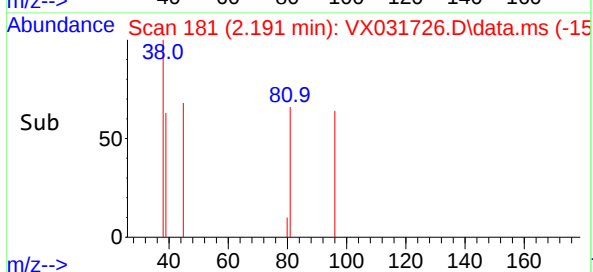
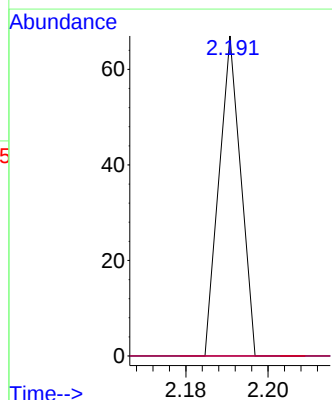
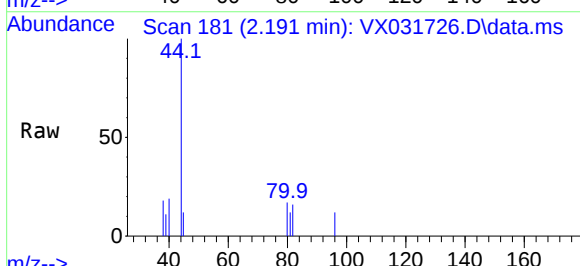
Tgt Ion: 96 Resp: 25

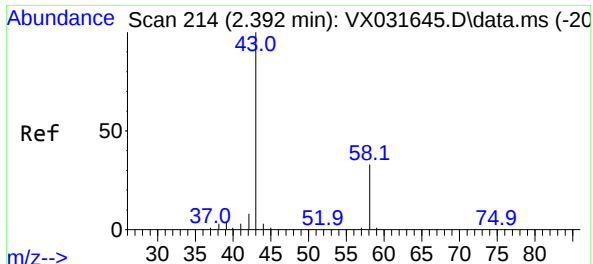
Ion Ratio Lower Upper

96 100

61 0.0 135.3 202.9#

98 0.0 49.4 74.2#

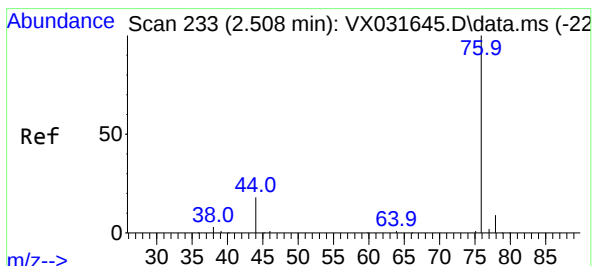
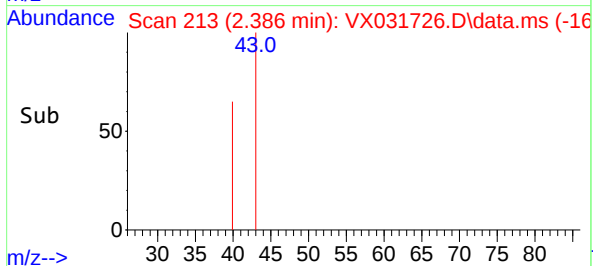
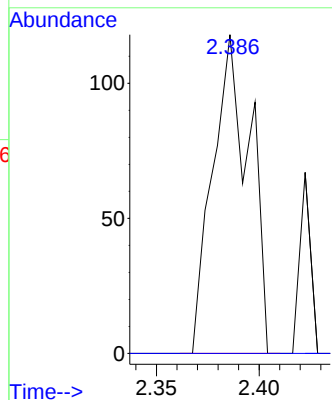
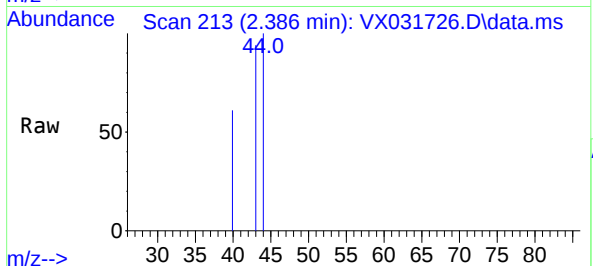




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

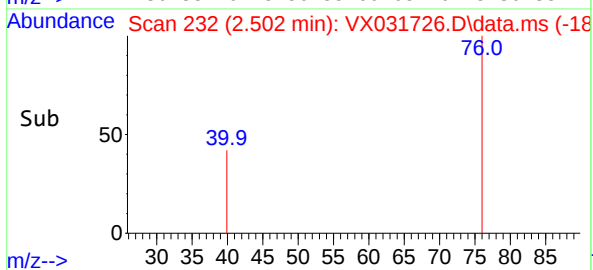
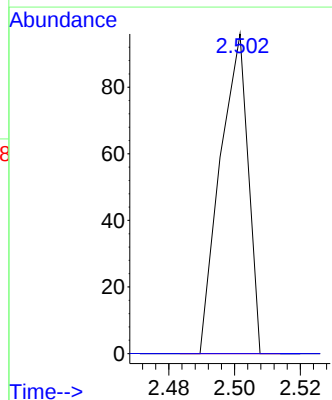
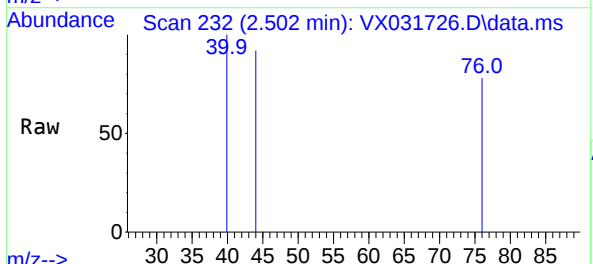
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220926

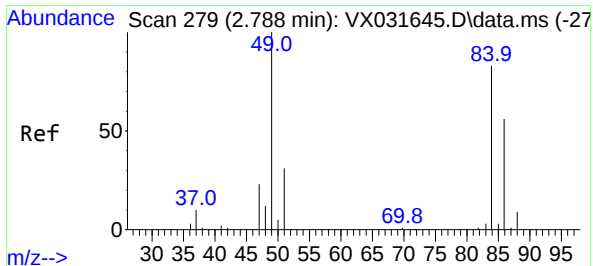
Tgt Ion: 43 Resp: 148
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.502 min Scan# 232
Delta R.T. -0.012 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

Tgt Ion: 76 Resp: 57
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



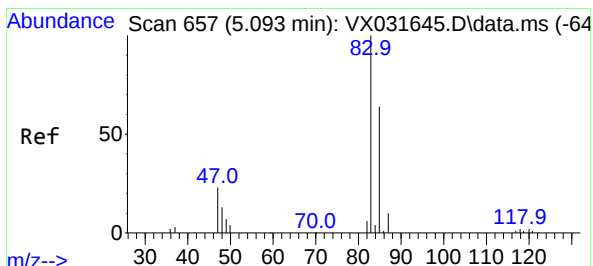
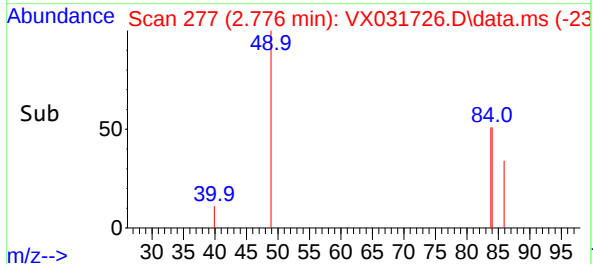
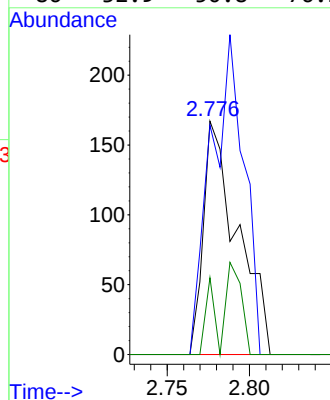
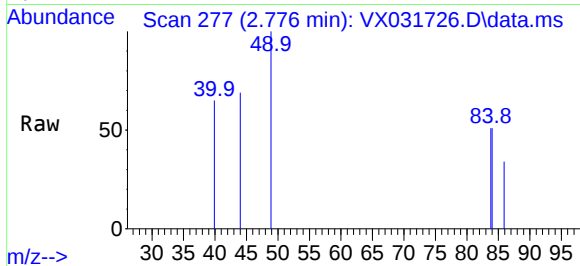


#20
Methylene Chloride
Concen: Below Cal
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220926

Tgt Ion: 84 Resp: 240

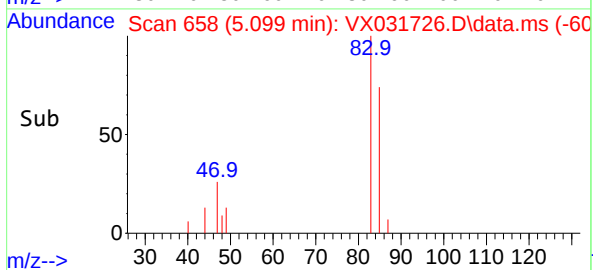
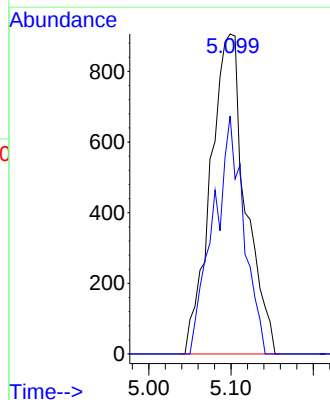
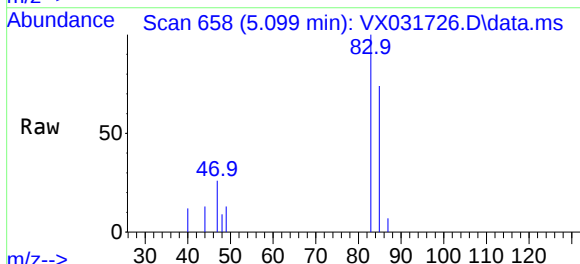
Ion	Ratio	Lower	Upper
84	100		
49	98.2	105.9	158.9#
51	0.0	32.2	48.2#
86	32.9	50.8	76.2#

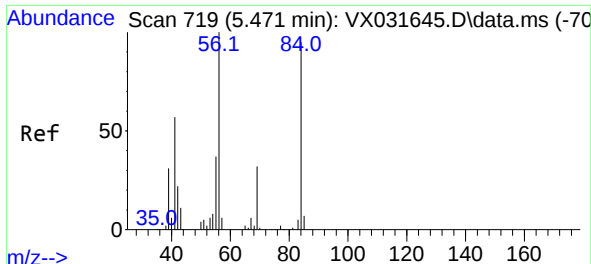


#30
Chloroform
Concen: 0.726 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

Tgt Ion: 83 Resp: 2689

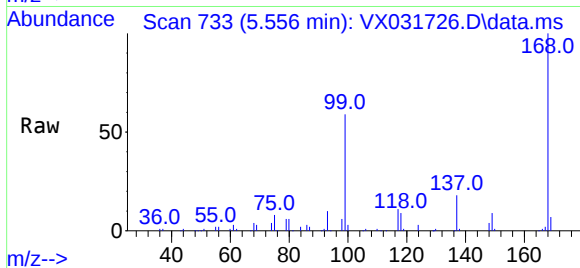
Ion	Ratio	Lower	Upper
83	100		
85	74.4	52.8	79.2



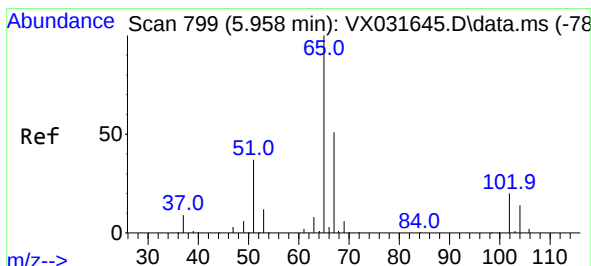
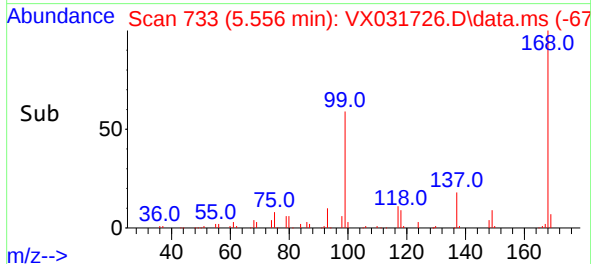
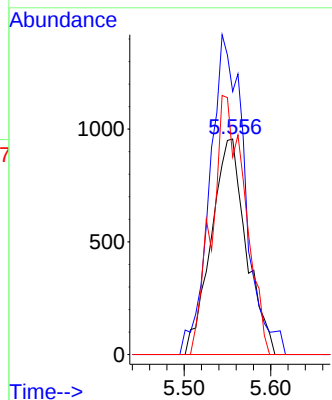


#31
Cyclohexane
Concen: 1.151 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

Instrument :
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ClientSampleId :
BP-VPB-RW5-EB-20220926

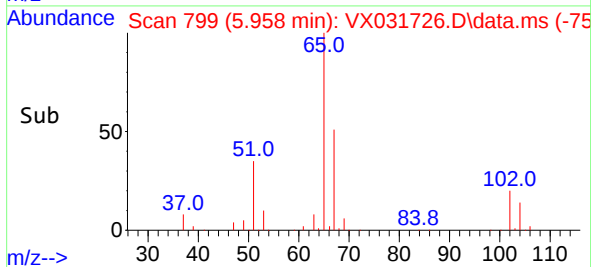
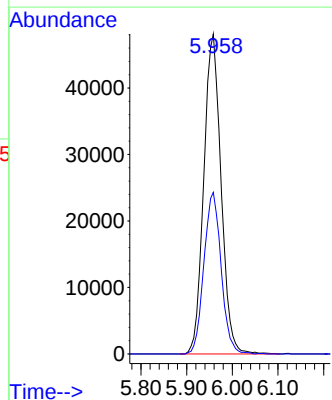
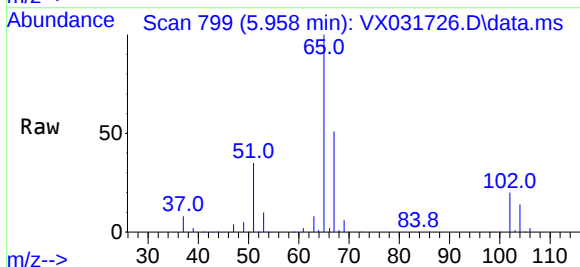


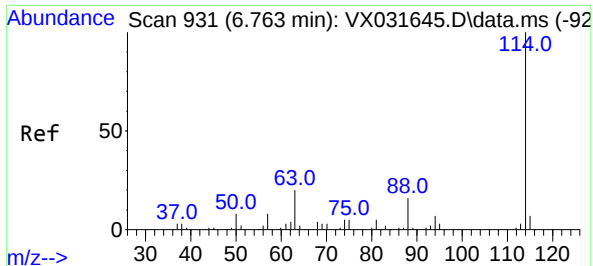
Tgt Ion: 56 Resp: 2697
Ion Ratio Lower Upper
56 100
69 122.1 25.1 37.7#
84 91.6 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 51.284 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

Tgt Ion: 65 Resp: 126346
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.4

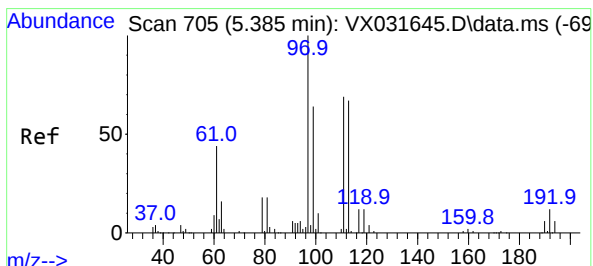
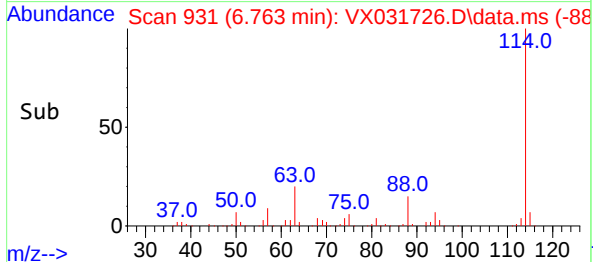
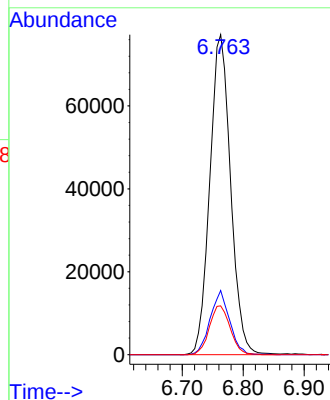
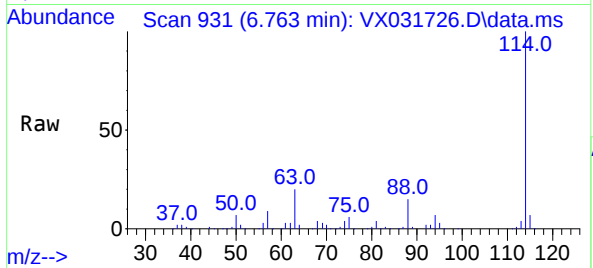




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

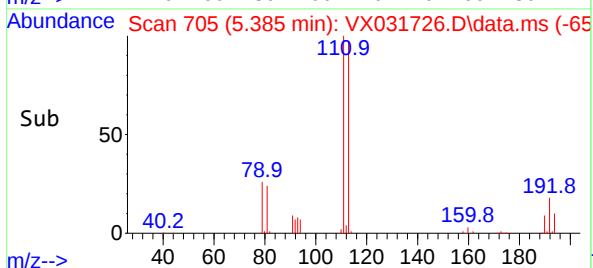
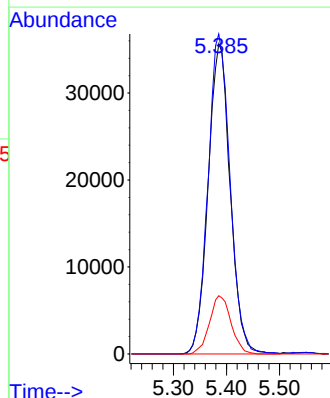
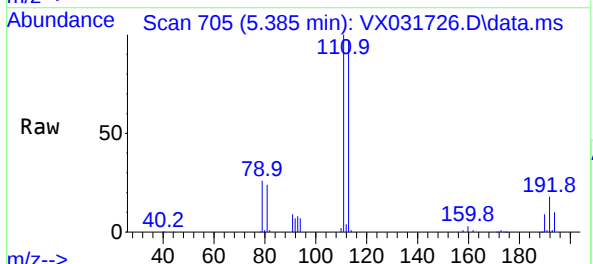
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220926

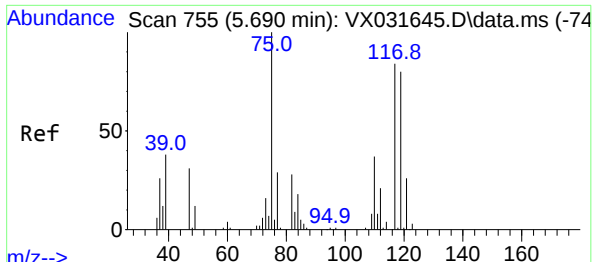
Tgt Ion:114 Resp: 182797
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.6
88 15.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.084 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

Tgt Ion:113 Resp: 102551
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 18.3 14.1 21.1

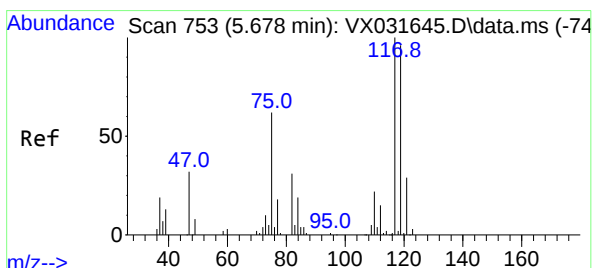
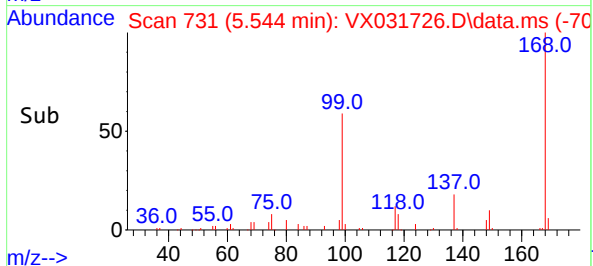
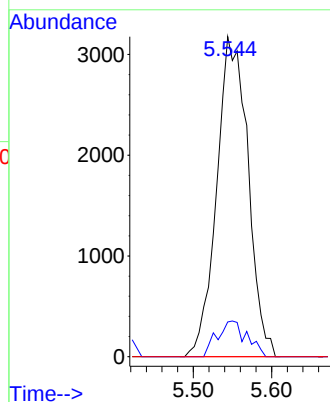
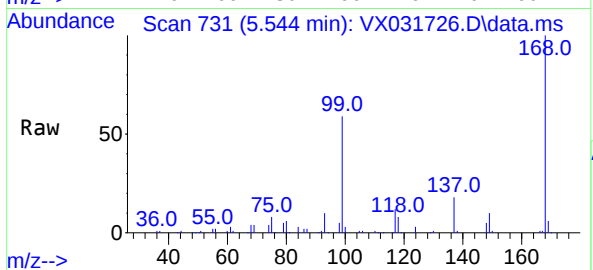




#36
1,1-Dichloropropene
Concen: 3.523 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

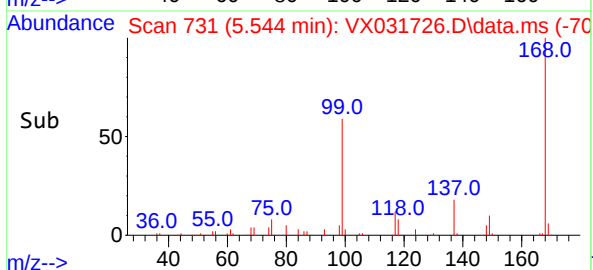
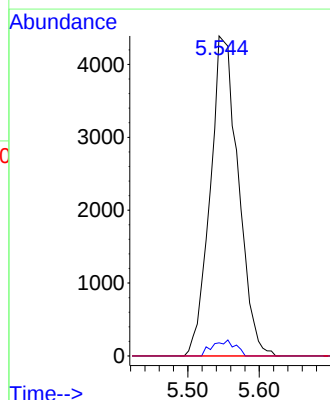
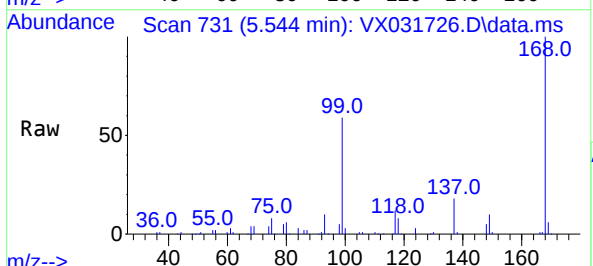
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220926

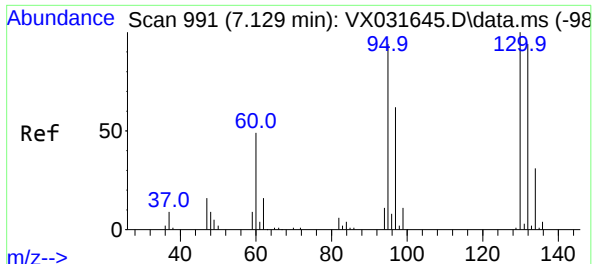
Tgt Ion: 75 Resp: 8813
Ion Ratio Lower Upper
75 100
110 10.6 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.253 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

Tgt Ion: 117 Resp: 11990
Ion Ratio Lower Upper
117 100
119 4.1 74.6 112.0#
121 0.0 25.3 37.9#

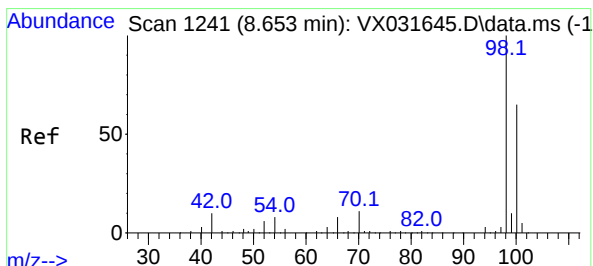
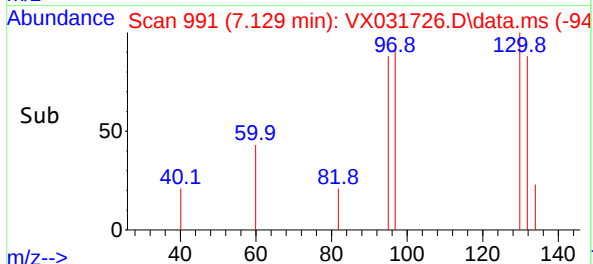
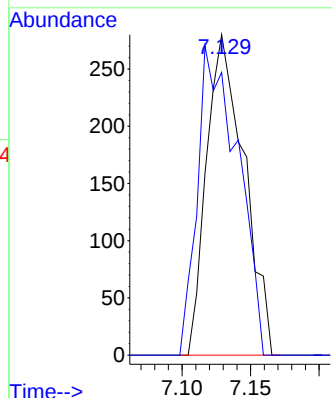
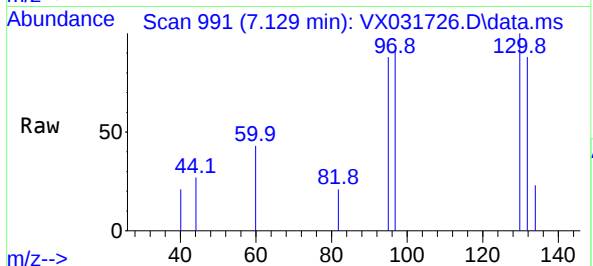




#44
Trichloroethene
Concen: 0.246 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

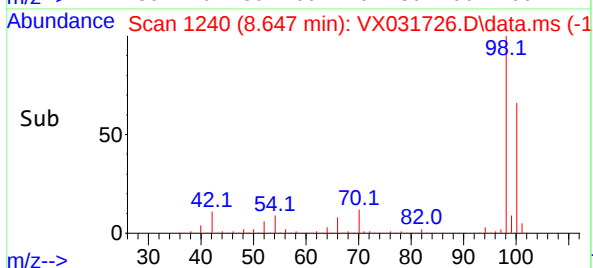
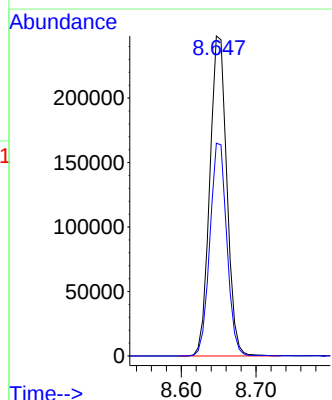
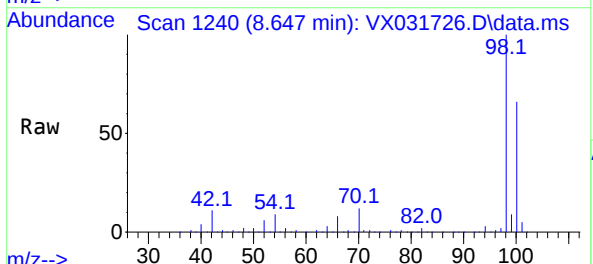
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220926

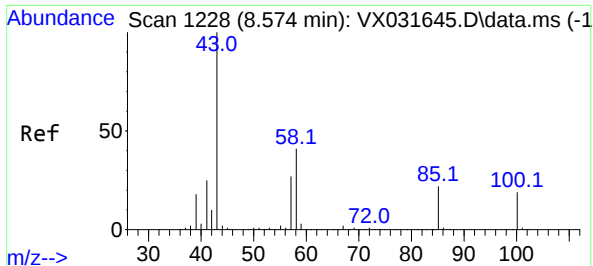
Tgt Ion:130 Resp: 534
Ion Ratio Lower Upper
130 100
95 88.2 0.0 206.8



#50
Toluene-d8
Concen: 49.736 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

Tgt Ion: 98 Resp: 392731
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7

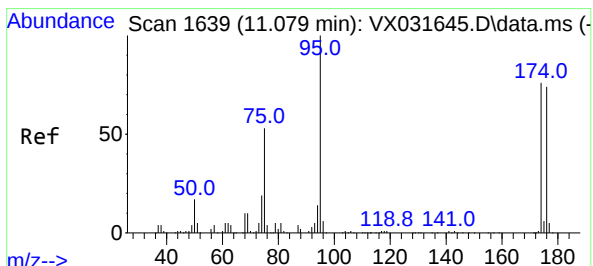
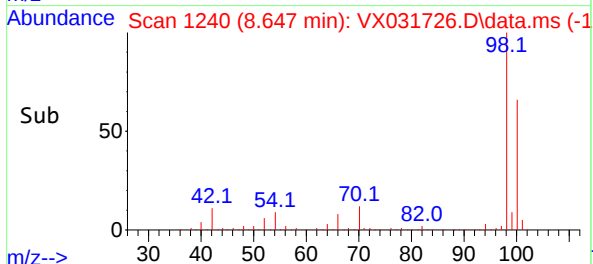
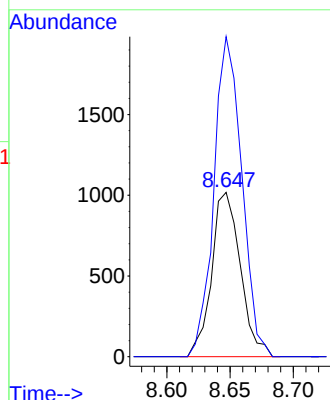
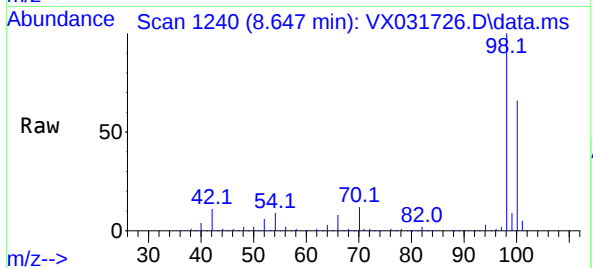




#51
4-Methyl-2-Pentanone
Concen: 0.640 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

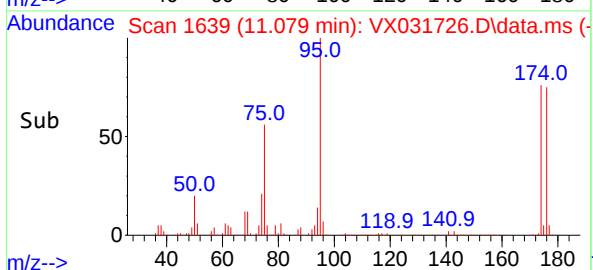
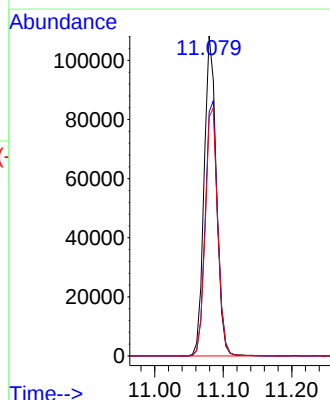
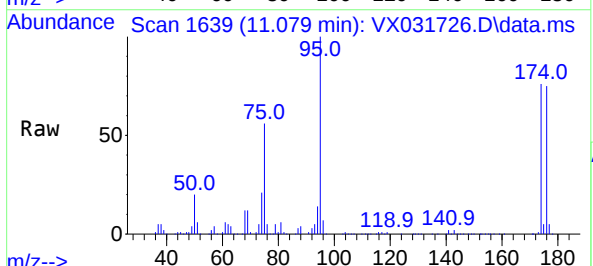
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW5-EB-20220926

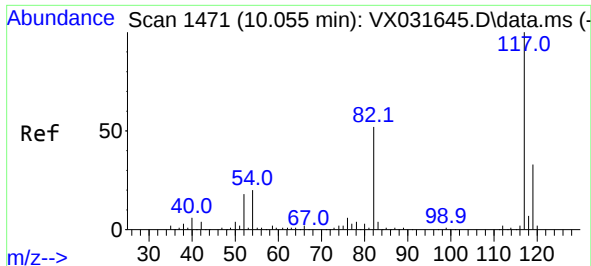
Tgt Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
58 189.0 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 46.474 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

Tgt Ion: 95 Resp: 134503
Ion Ratio Lower Upper
95 100
174 81.4 0.0 153.2
176 78.9 0.0 144.0

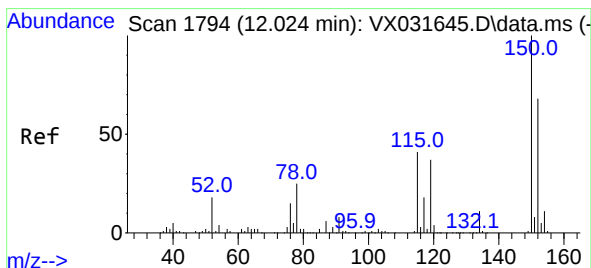
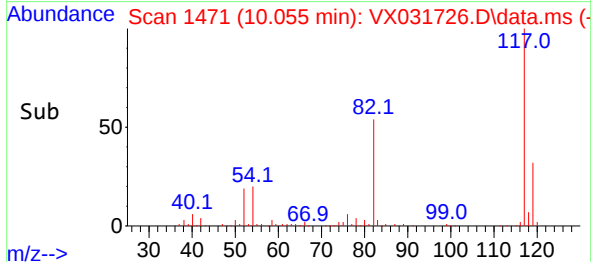
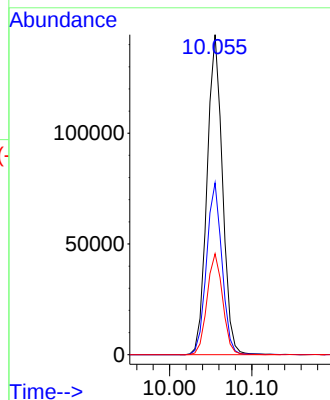
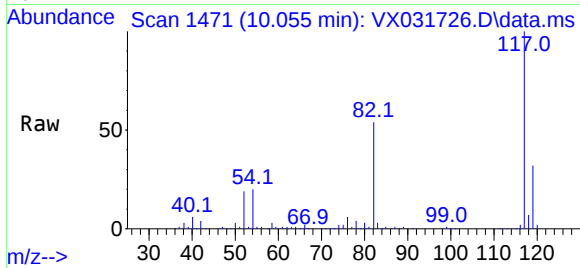




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

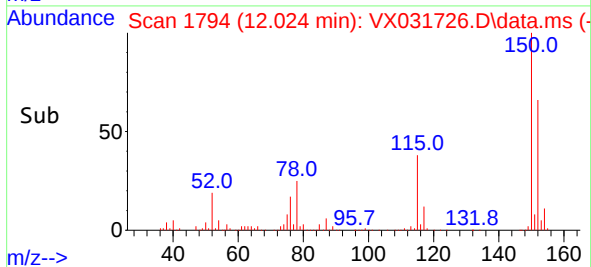
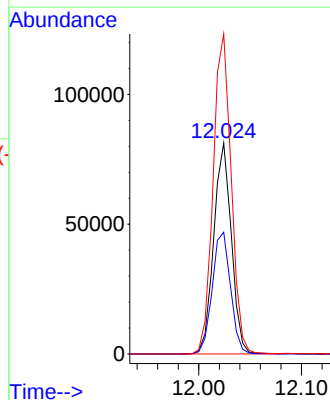
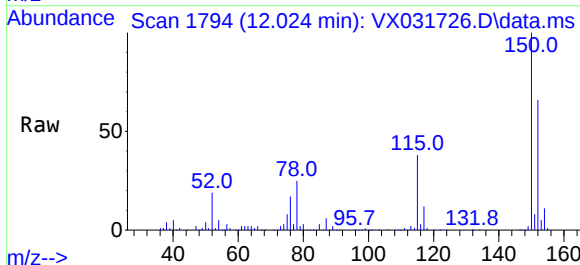
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220926

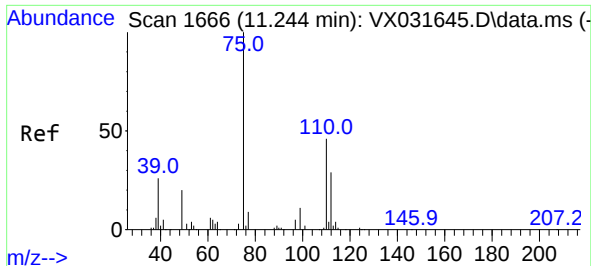
Tgt Ion:117 Resp: 188331
Ion Ratio Lower Upper
117 100
82 53.7 46.8 70.2
119 31.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

Tgt Ion:152 Resp: 96750
Ion Ratio Lower Upper
152 100
115 60.0 43.4 130.1
150 155.3 0.0 346.8

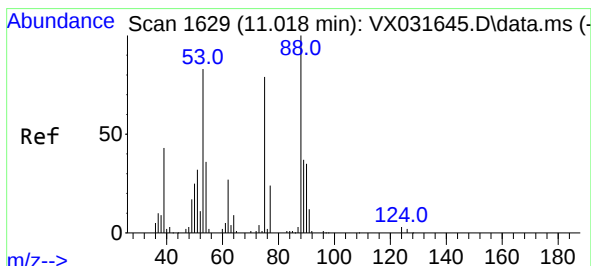
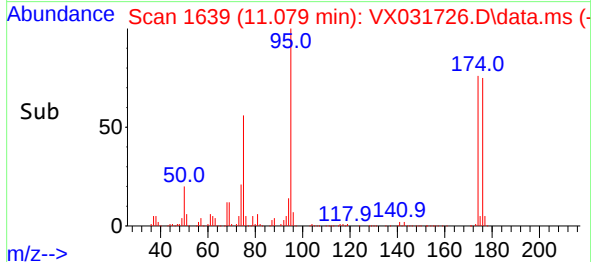
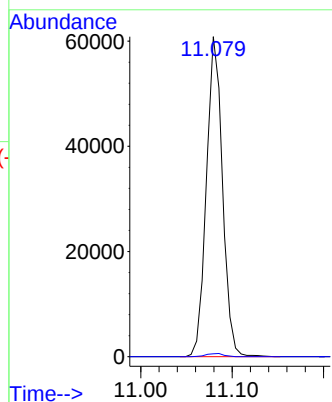
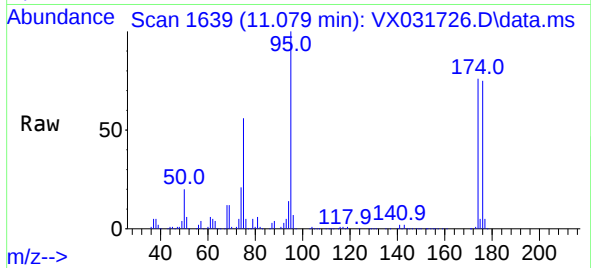




#76
1,2,3-Trichloropropane
Concen: 42.330 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220926

Tgt Ion: 75 Resp: 74245
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.268 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031726.D
Acq: 28 Sep 2022 14:54

Tgt Ion: 75 Resp: 74245
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

