

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031469.D
 Acq On : 19 Sep 2022 18:49
 Operator : JC/MD
 Sample : N4558-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-98-100RE

Quant Time: Sep 20 09:49:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

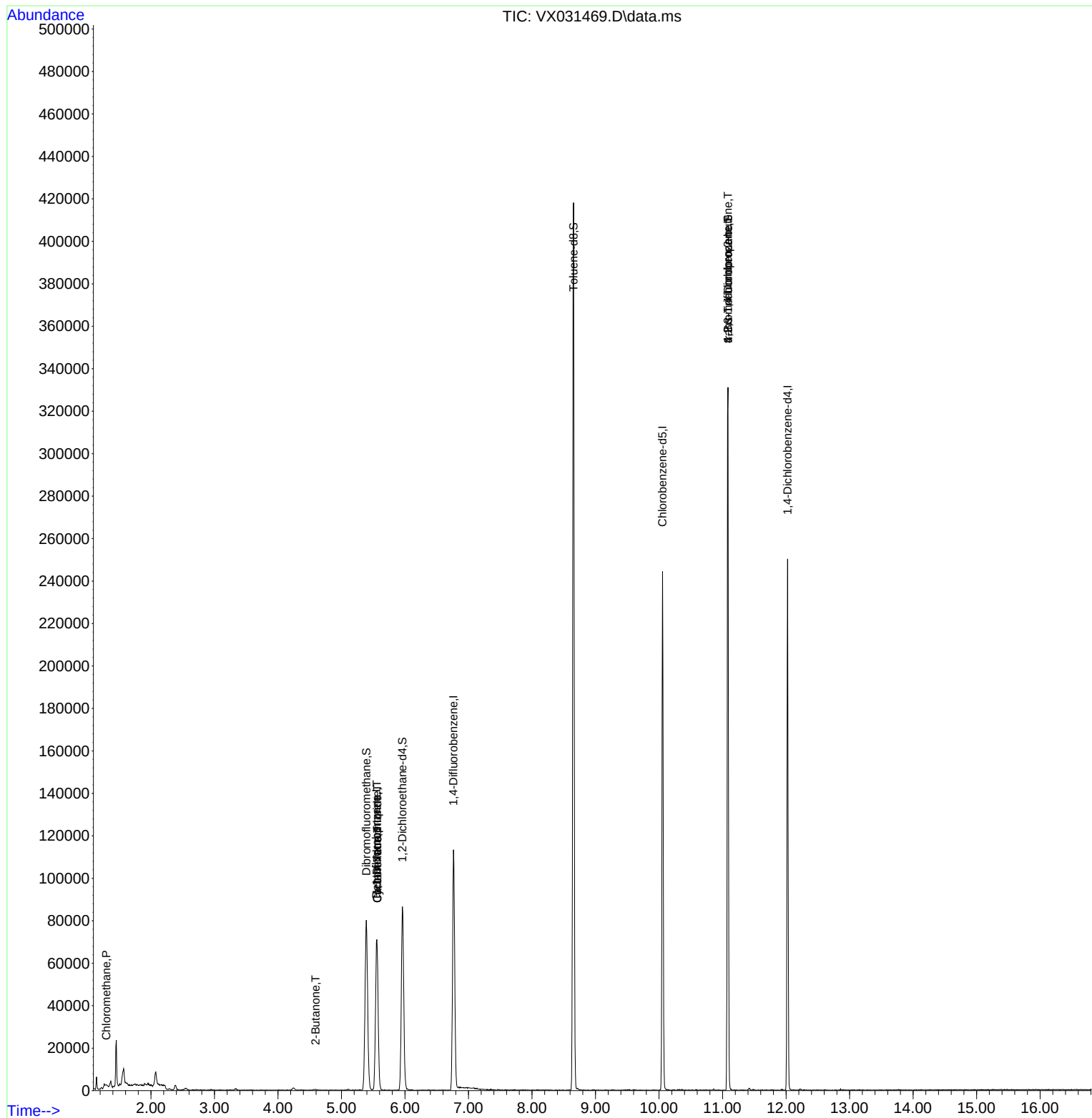
Internal Standards						
1) Pentafluorobenzene	5.550	168	69144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	112874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76590	60.514	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.020%	
35) Dibromofluoromethane	5.391	113	65017	55.813	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.620%	
50) Toluene-d8	8.653	98	242866	54.006	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.020%	
62) 4-Bromofluorobenzene	11.085	95	74579	48.960	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.920%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	306	0.232	ug/l	91
6) Chloroethane	1.679	64	205	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	55	Below Cal	#	73
13) Acrolein	2.239	56	31	Below Cal	#	15
16) Acetone	2.386	43	2654	Below Cal	#	86
20) Methylene Chloride	2.788	84	119	Below Cal	#	41
25) 2-Butanone	4.593	43	629	0.643	ug/l #	49
31) Cyclohexane	5.562	56	1620	0.861	ug/l #	62
36) 1,1-Dichloropropene	5.556	75	5480	3.054	ug/l #	50
38) Carbon Tetrachloride	5.562	117	6661	3.349	ug/l #	19
75) 1,1,2,2-Tetrachloroethane	11.085	83	132	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.085	75	43397	42.108	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	43397	135.580	ug/l #	11

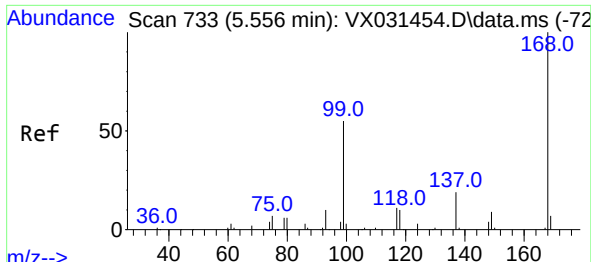
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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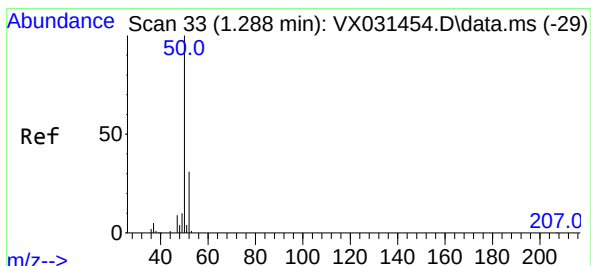
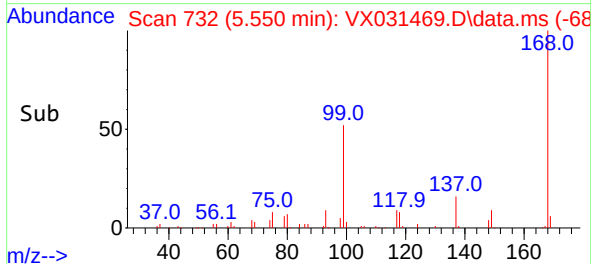
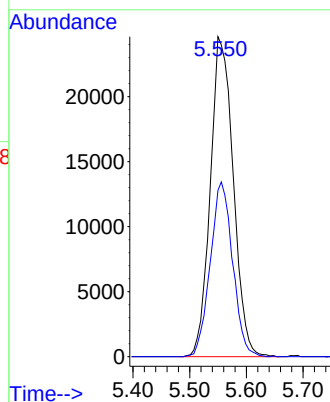
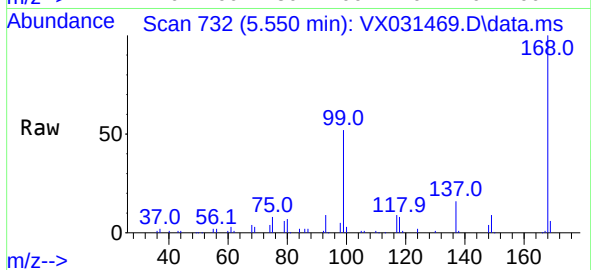




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031469.D
Acq: 19 Sep 2022 18:49

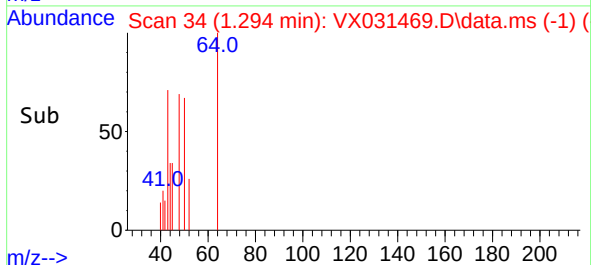
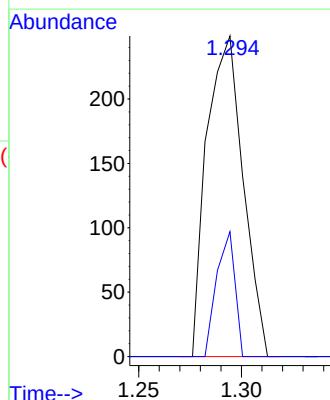
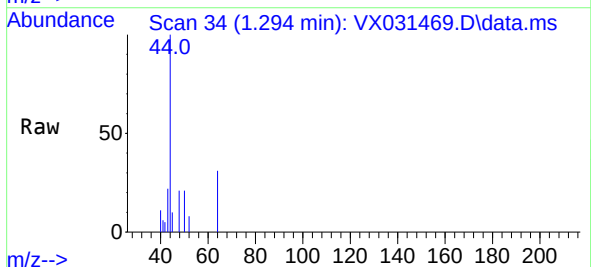
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-98-100RE

Tgt Ion:168 Resp: 69144
Ion Ratio Lower Upper
168 100
99 52.0 48.8 73.2

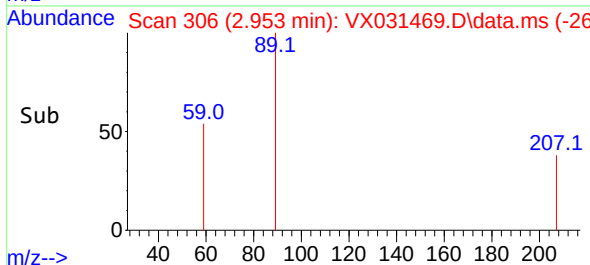
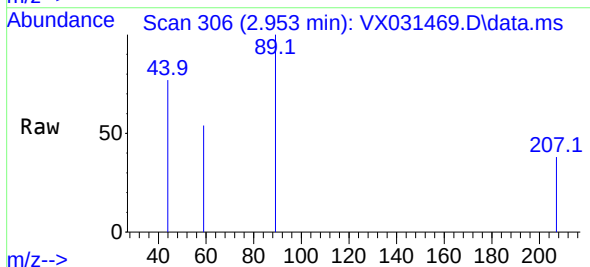
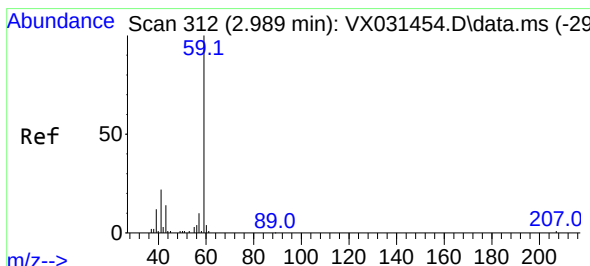
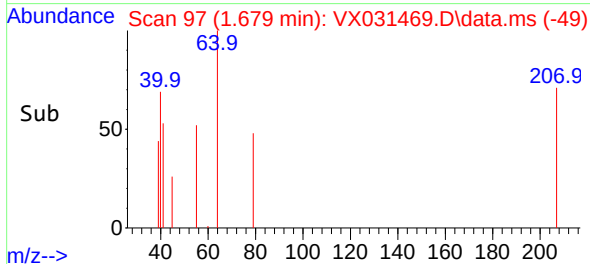
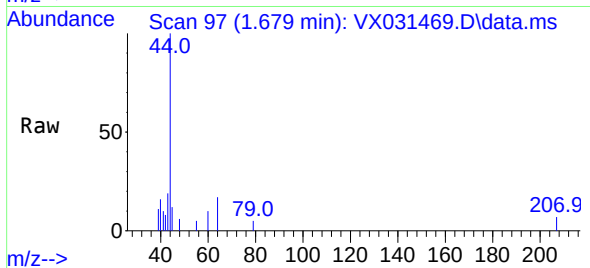
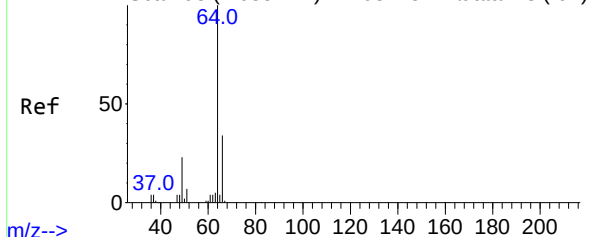


#3
Chloromethane
Concen: 0.232 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031469.D
Acq: 19 Sep 2022 18:49

Tgt Ion: 50 Resp: 306
Ion Ratio Lower Upper
50 100
52 39.0 26.9 40.3



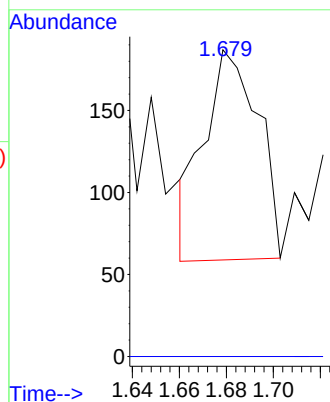
Abundance Scan 98 (1.685 min): VX031454.D\data.ms (-92)



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031469.D
Acq: 19 Sep 2022 18:49

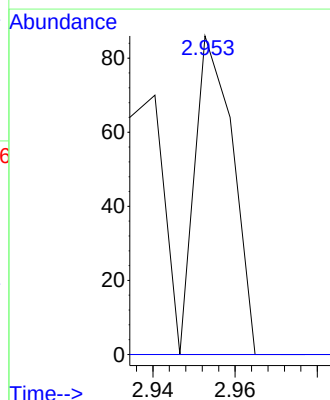
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-98-100RE

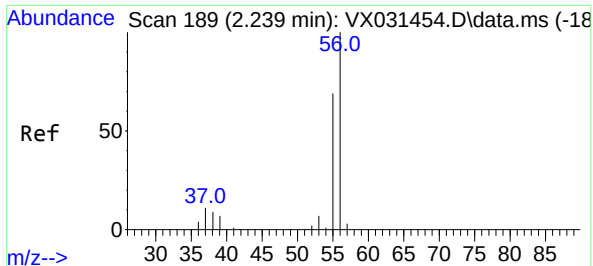
Tgt Ion: 64 Resp: 205
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX031469.D
Acq: 19 Sep 2022 18:49

Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

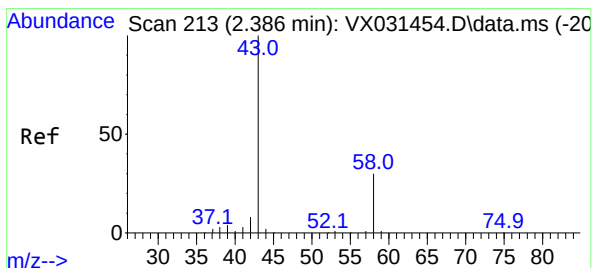
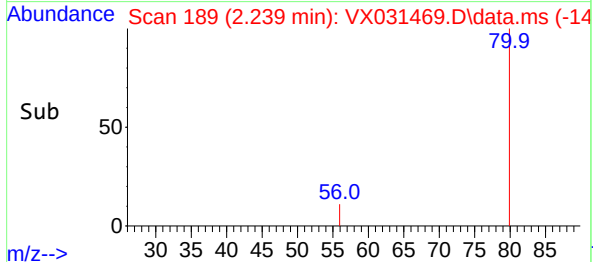
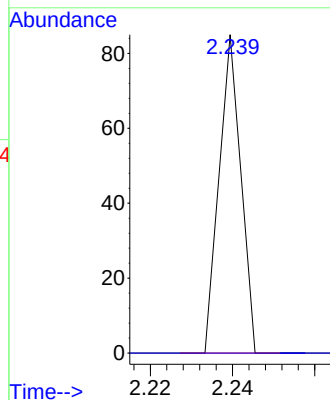
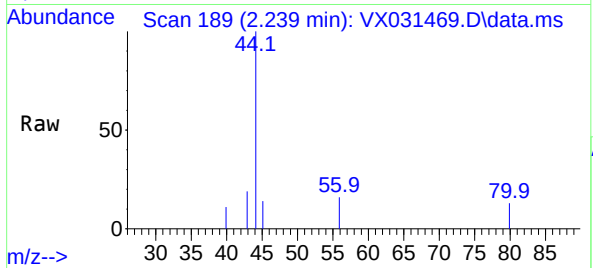




#13
Acrolein
Concen: Below Cal
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031469.D
Acq: 19 Sep 2022 18:49

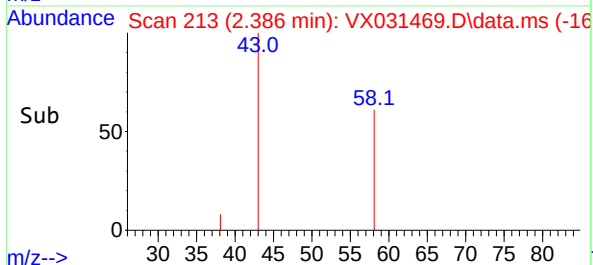
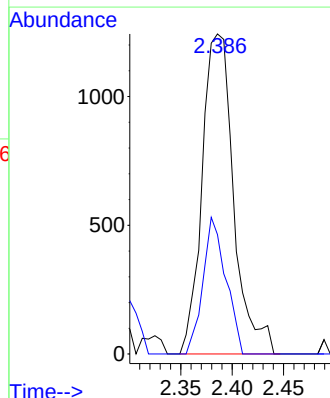
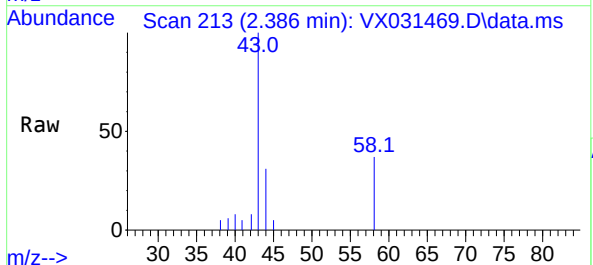
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW5-GW-98-100RE

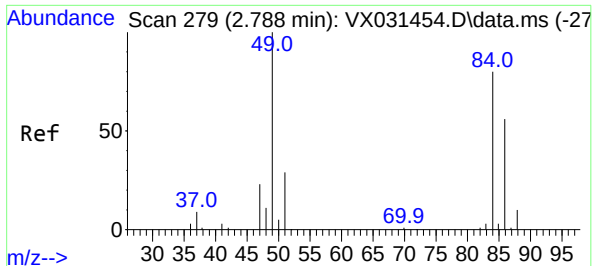
Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031469.D
Acq: 19 Sep 2022 18:49

Tgt Ion: 43 Resp: 2654
Ion Ratio Lower Upper
43 100
58 37.3 23.8 35.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX031469.D

Acq: 19 Sep 2022 18:49

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-98-100RE

Tgt Ion: 84 Resp: 119

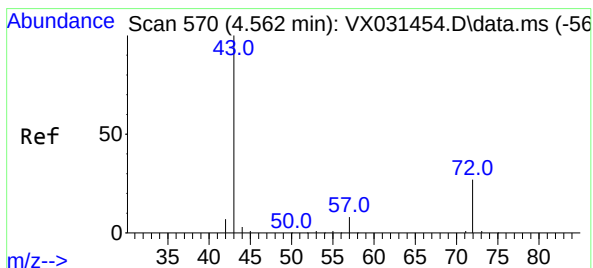
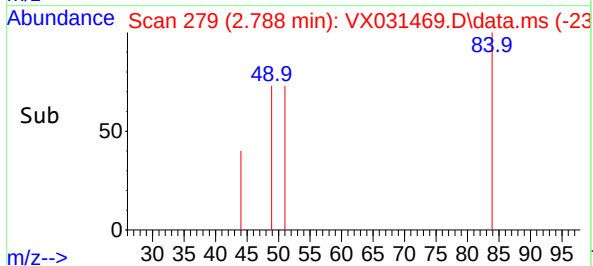
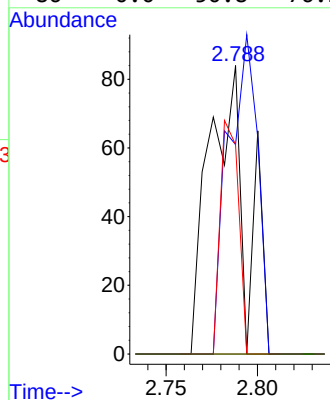
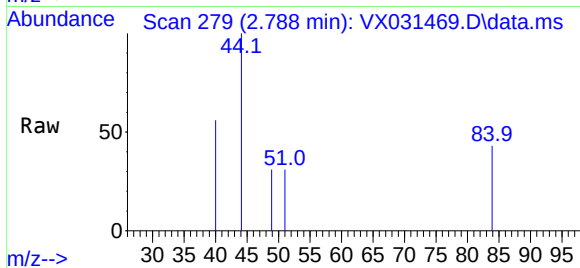
Ion Ratio Lower Upper

84 100

49 72.6 105.9 158.9#

51 72.6 32.2 48.2#

86 0.0 50.8 76.2#



#25

2-Butanone

Concen: 0.643 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.031 min

Lab File: VX031469.D

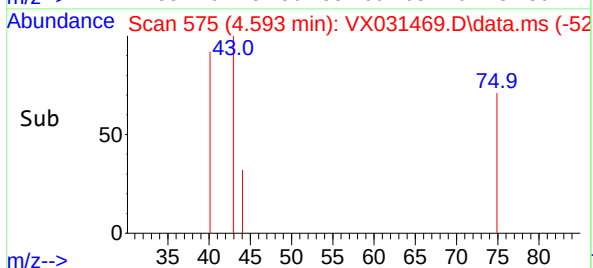
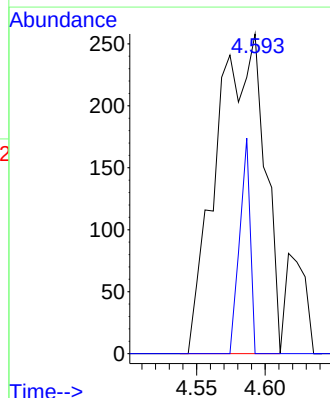
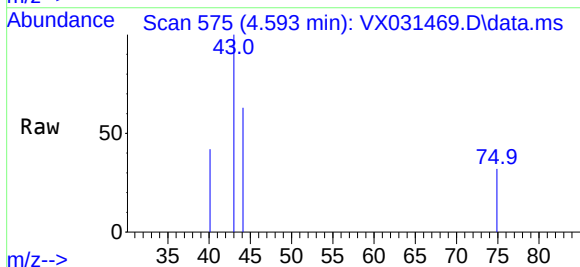
Acq: 19 Sep 2022 18:49

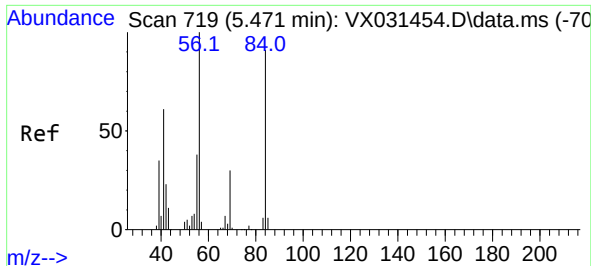
Tgt Ion: 43 Resp: 629

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#

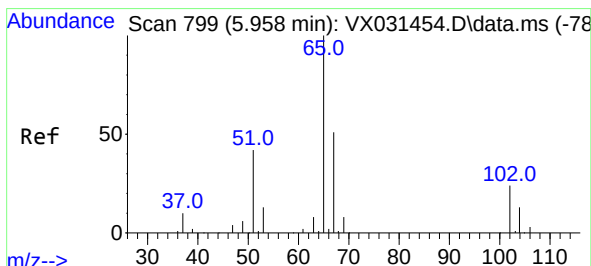
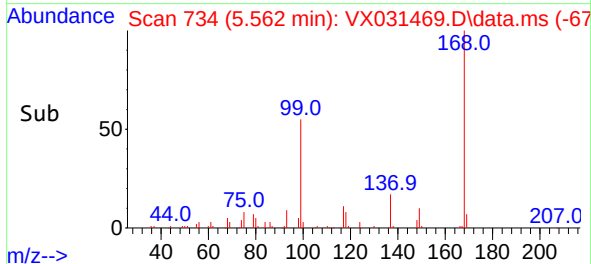
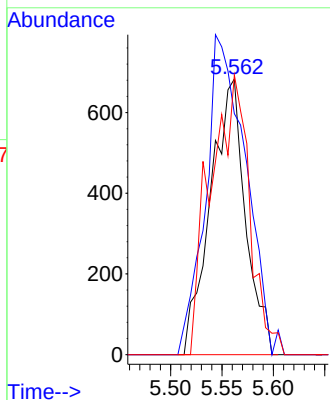
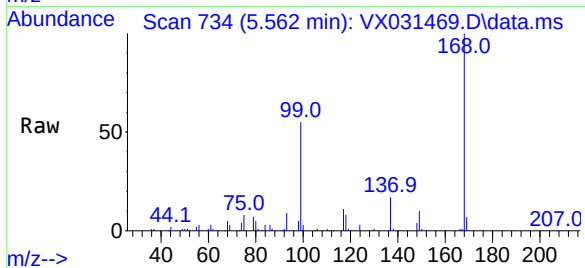




#31
Cyclohexane
Concen: 0.861 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX031469.D
Acq: 19 Sep 2022 18:49

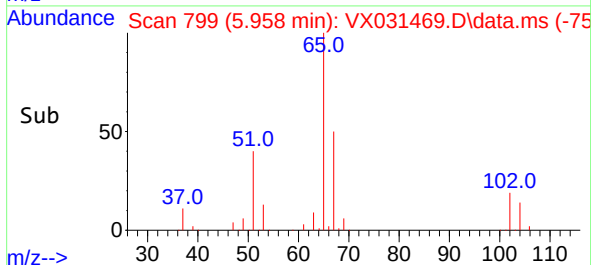
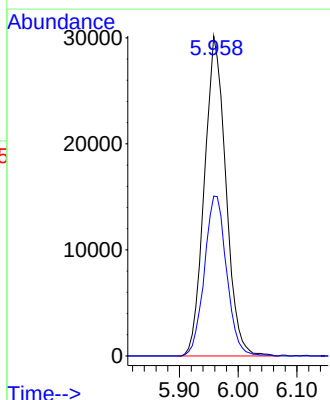
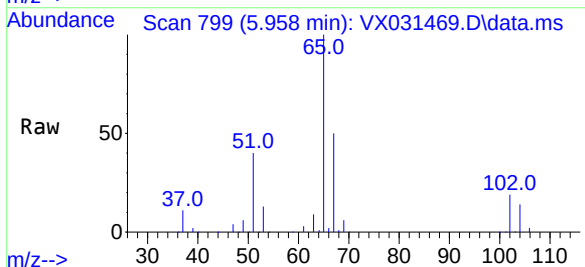
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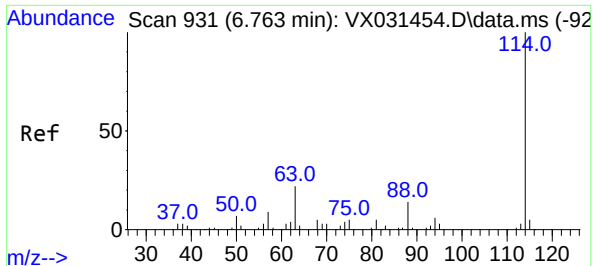
Tgt Ion: 56 Resp: 1620
Ion Ratio Lower Upper
56 100
69 87.4 25.1 37.7#
84 101.5 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 60.514 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031469.D
Acq: 19 Sep 2022 18:49

Tgt Ion: 65 Resp: 76590
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.4

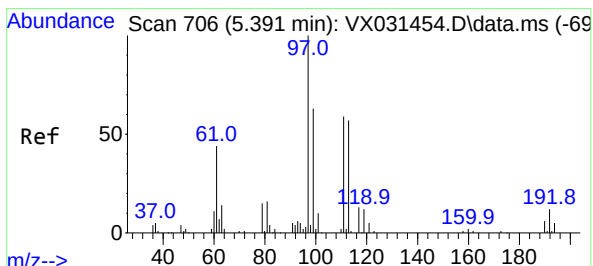
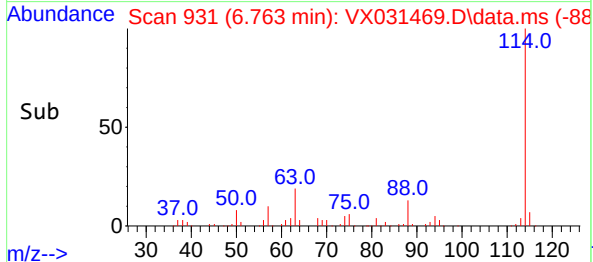
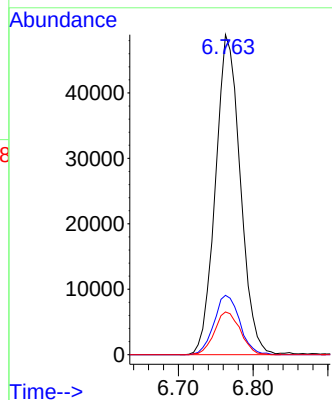
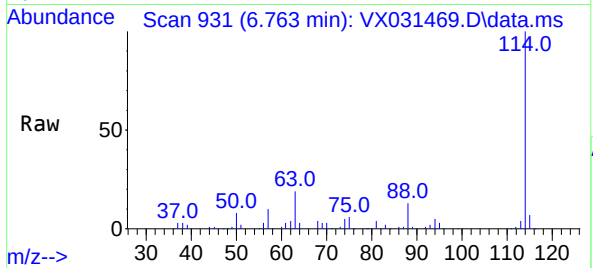




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031469.D
Acq: 19 Sep 2022 18:49

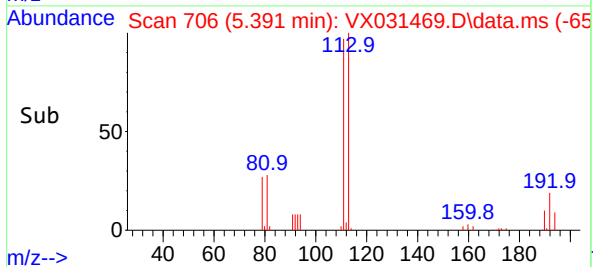
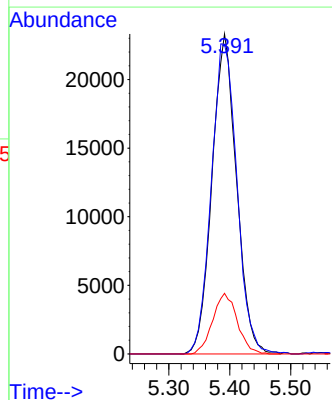
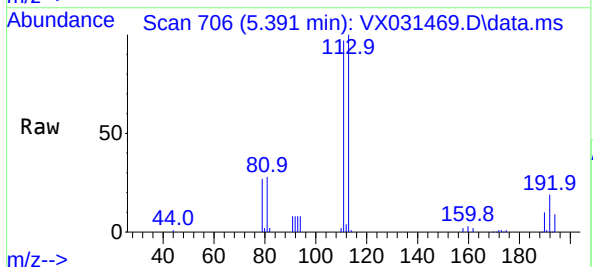
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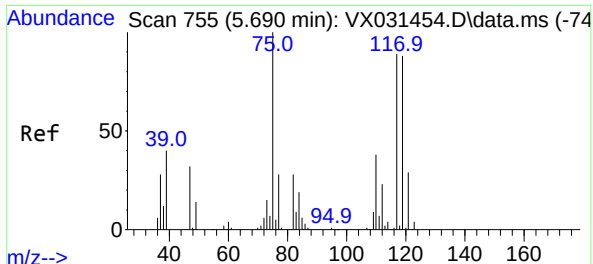
Tgt Ion:114 Resp: 112874
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.6
88 13.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 55.813 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031469.D
Acq: 19 Sep 2022 18:49

Tgt Ion:113 Resp: 65017
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 19.1 14.1 21.1

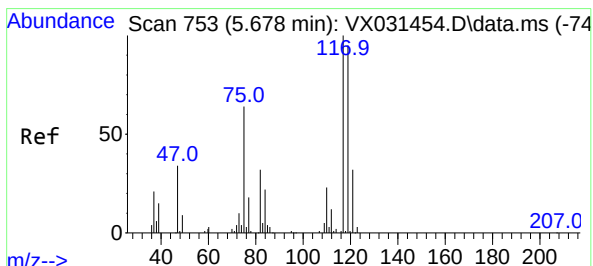
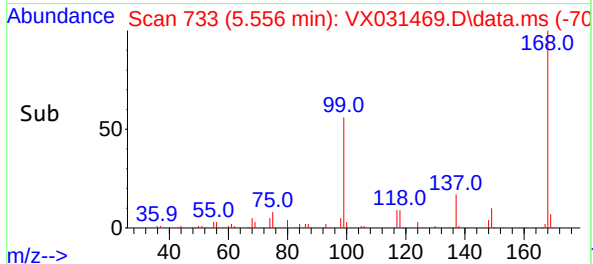
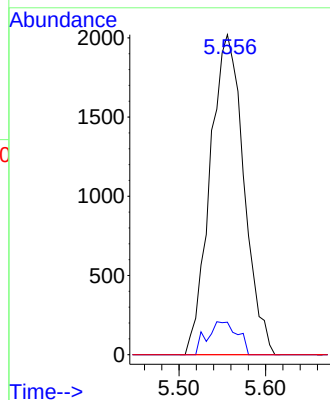
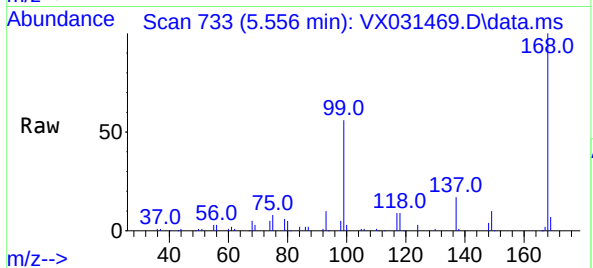




#36
1,1-Dichloropropene
Concen: 3.054 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX031469.D
Acq: 19 Sep 2022 18:49

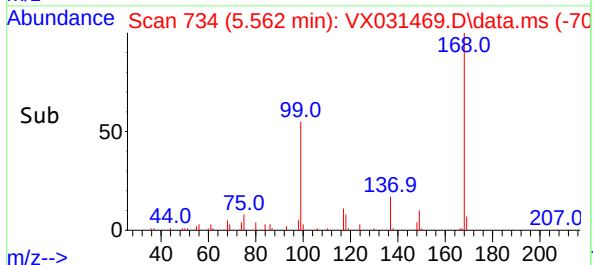
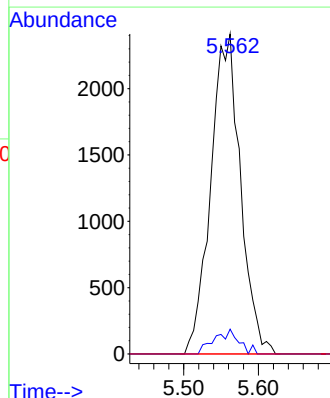
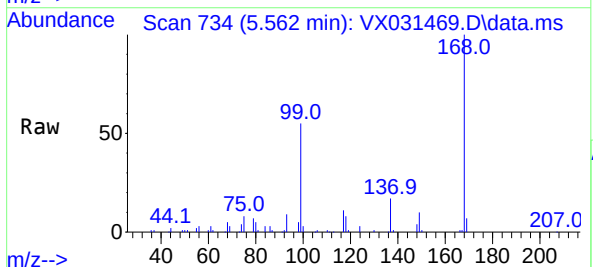
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-98-100RE

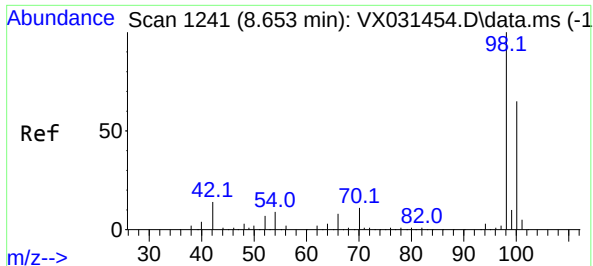
Tgt Ion: 75 Resp: 5480
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.349 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX031469.D
Acq: 19 Sep 2022 18:49

Tgt Ion: 117 Resp: 6661
Ion Ratio Lower Upper
117 100
119 7.8 74.6 112.0#
121 0.0 25.3 37.9#

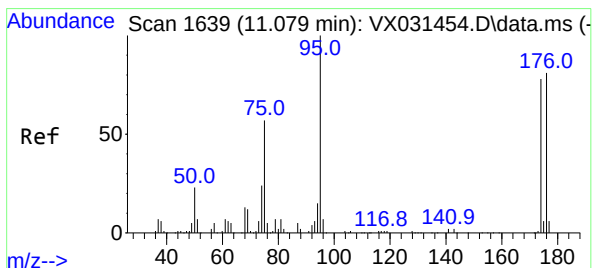
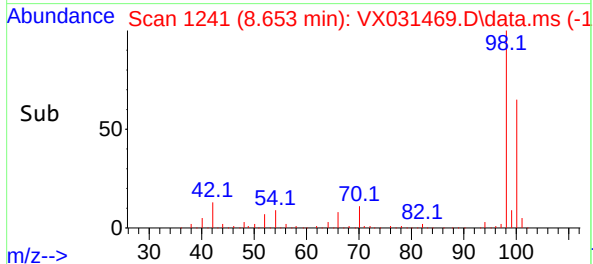
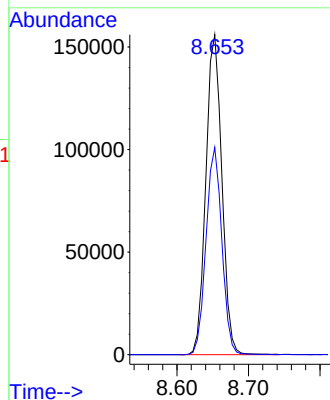
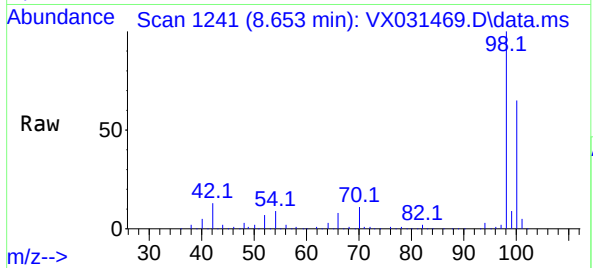




#50
Toluene-d8
Concen: 54.006 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031469.D
Acq: 19 Sep 2022 18:49

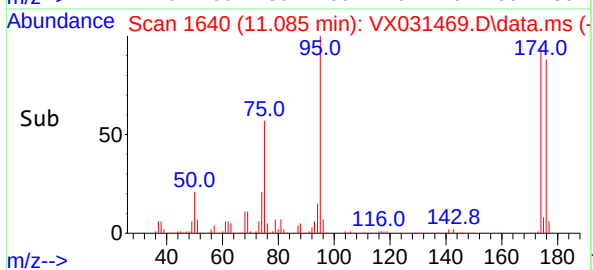
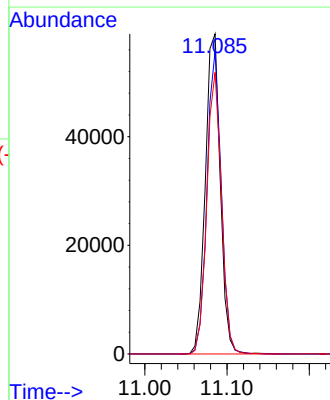
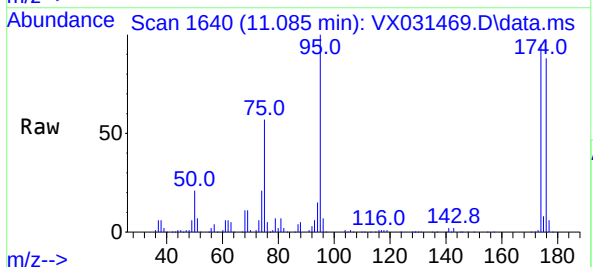
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-98-100RE

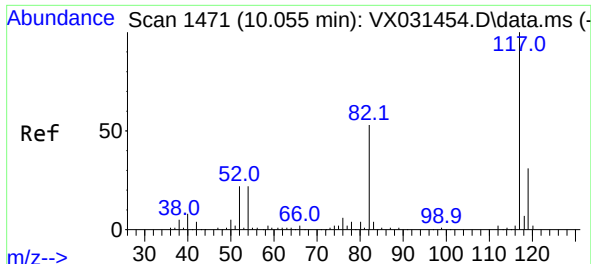
Tgt Ion: 98 Resp: 242866
Ion Ratio Lower Upper
98 100
100 64.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.960 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031469.D
Acq: 19 Sep 2022 18:49

Tgt Ion: 95 Resp: 74579
Ion Ratio Lower Upper
95 100
174 90.2 0.0 153.2
176 86.1 0.0 144.0

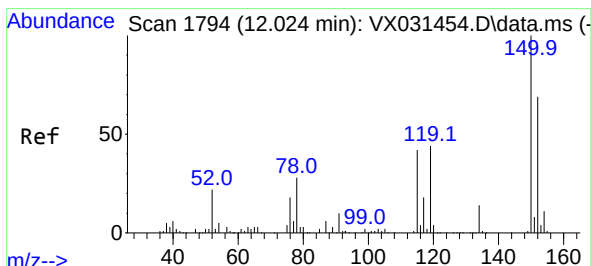
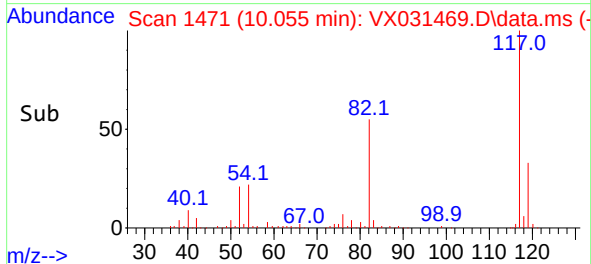
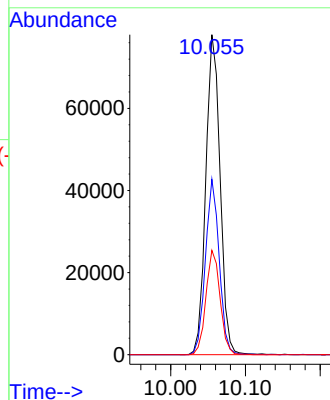
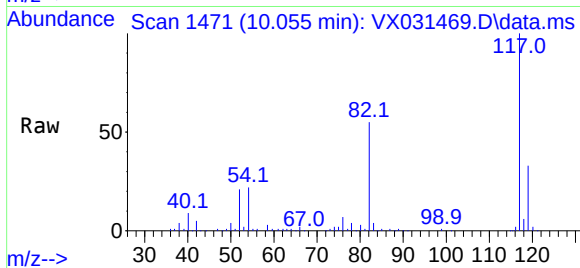




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031469.D
Acq: 19 Sep 2022 18:49

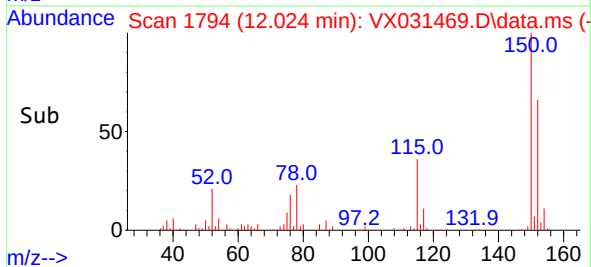
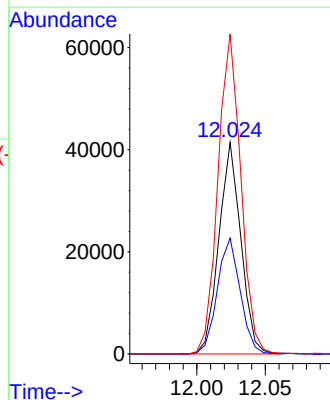
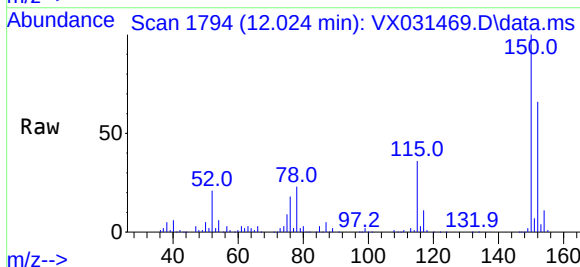
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-98-100RE

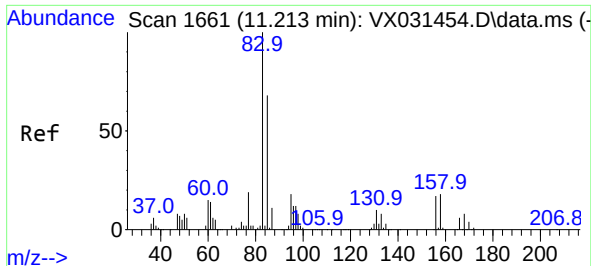
Tgt Ion:117 Resp: 103395
Ion Ratio Lower Upper
117 100
82 54.8 46.8 70.2
119 32.6 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031469.D
Acq: 19 Sep 2022 18:49

Tgt Ion:152 Resp: 46177
Ion Ratio Lower Upper
152 100
115 57.2 43.4 130.1
150 157.4 0.0 346.8

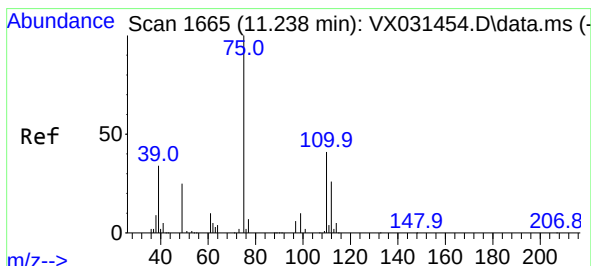
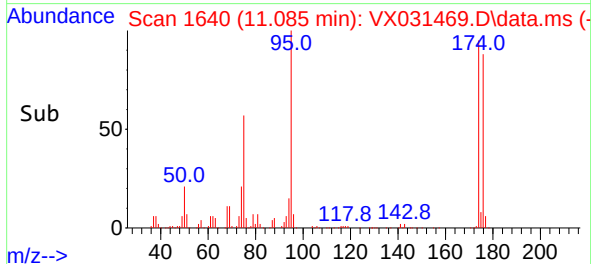
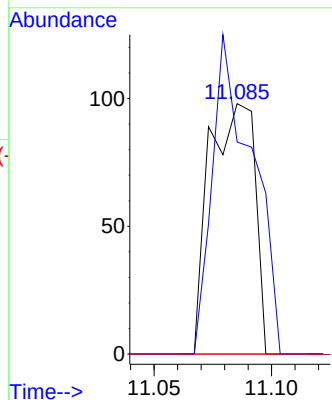
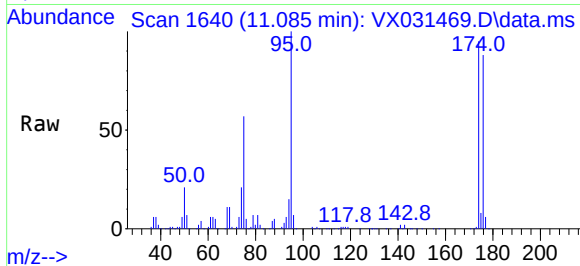




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.085 min Scan# 1640
Delta R.T. -0.128 min
Lab File: VX031469.D
Acq: 19 Sep 2022 18:49

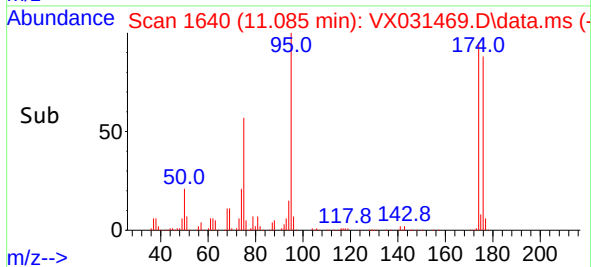
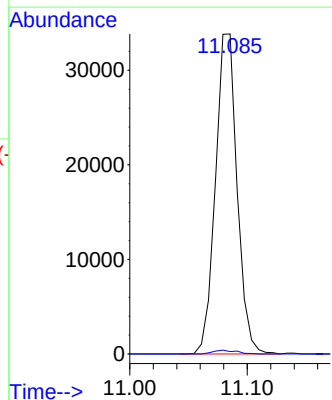
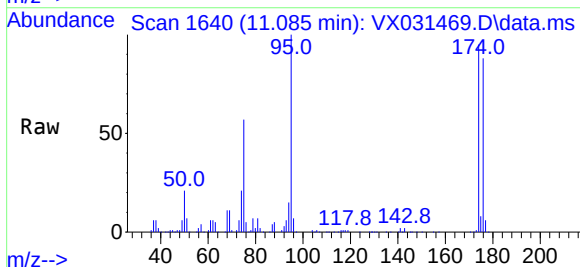
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW5-GW-98-100RE

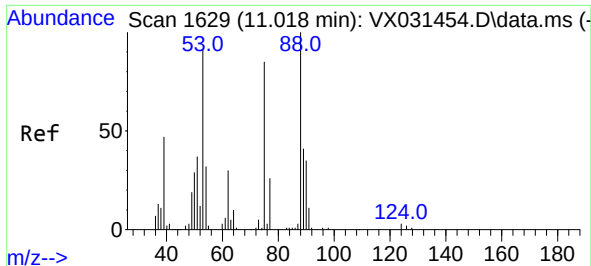
Tgt Ion: 83 Resp: 132
Ion Ratio Lower Upper
83 100
131 111.4 5.1 15.4#
85 0.0 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 42.108 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX031469.D
Acq: 19 Sep 2022 18:49

Tgt Ion: 75 Resp: 43397
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 135.580 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX031469.D
Acq: 19 Sep 2022 18:49

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-98-100RE

Tgt Ion: 75 Resp: 43397
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.1 37.4 56.0#

