

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031472.D
 Acq On : 19 Sep 2022 20:00
 Operator : JC/MD
 Sample : N4558-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-258-260RE

Quant Time: Sep 20 09:50:20 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)

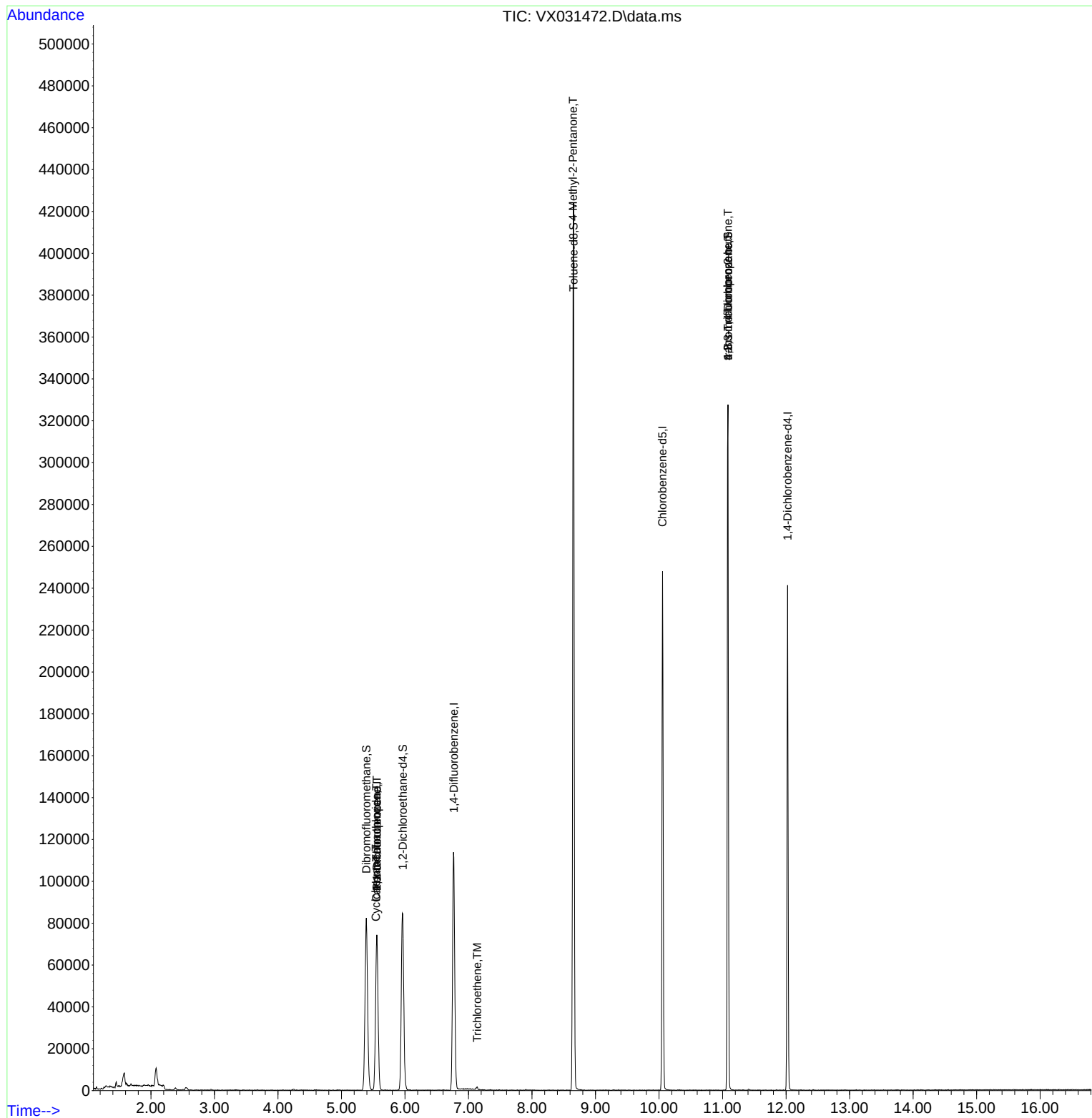
Internal Standards						
1) Pentafluorobenzene	5.556	168	68936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	116211	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	78092	61.912	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 123.820%			
35) Dibromofluoromethane	5.391	113	65581	54.666	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.340%			
50) Toluene-d8	8.653	98	244221	52.748	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.500%			
62) 4-Bromofluorobenzene	11.085	95	74158	47.286	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.580%			
Target Compounds						
6) Chloroethane	1.684	64	746	Below Cal	#	84
11) Tert butyl alcohol	2.940	59	150	Below Cal	#	73
13) Acrolein	2.178	56	20	Below Cal	#	1
16) Acetone	2.386	43	1238	Below Cal		95
20) Methylene Chloride	2.788	84	19	Below Cal	#	49
31) Cyclohexane	5.543	56	1715	0.915	ug/l #	59
36) 1,1-Dichloropropene	5.556	75	5594	3.028	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7093	3.464	ug/l #	16
44) Trichloroethene	7.135	130	374	0.239	ug/l	63
51) 4-Methyl-2-Pentanone	8.647	43	1308	0.600	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.079	83	170	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.085	75	42991	41.783	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	42991	134.536	ug/l #	11

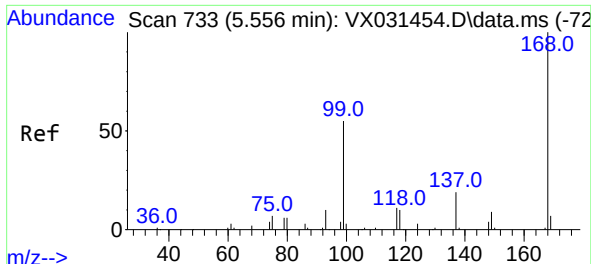
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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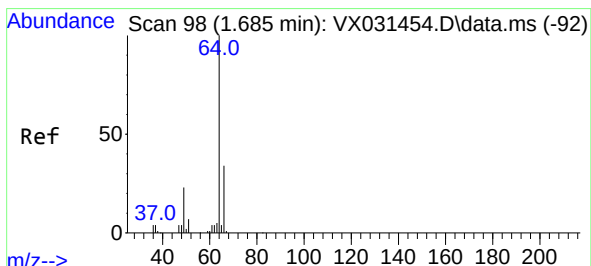
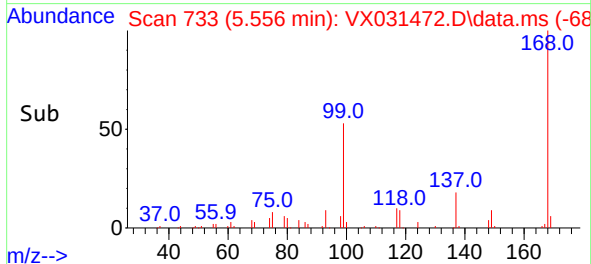
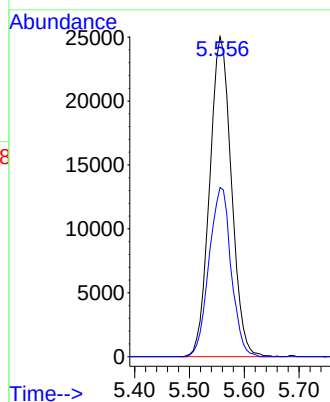
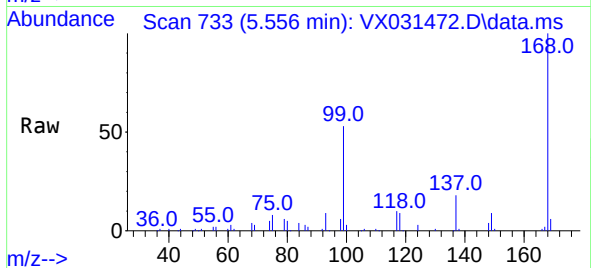




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031472.D
Acq: 19 Sep 2022 20:00

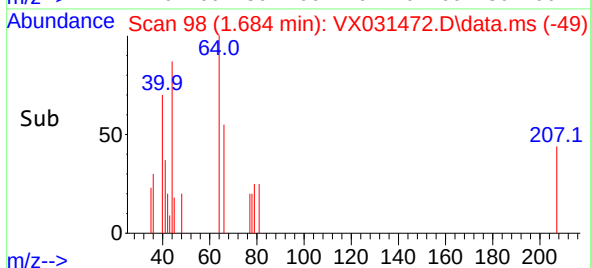
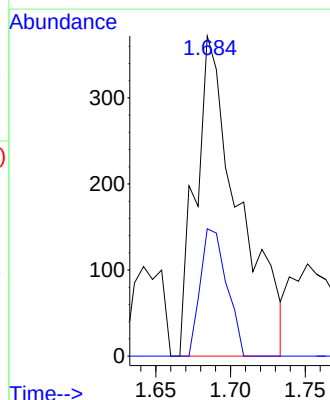
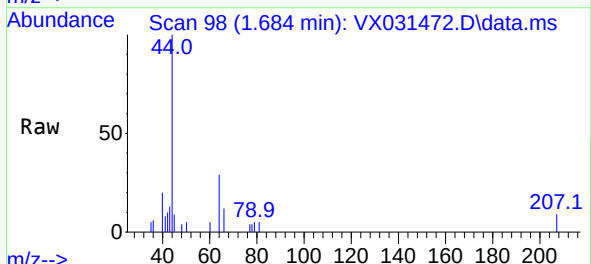
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-258-260RE

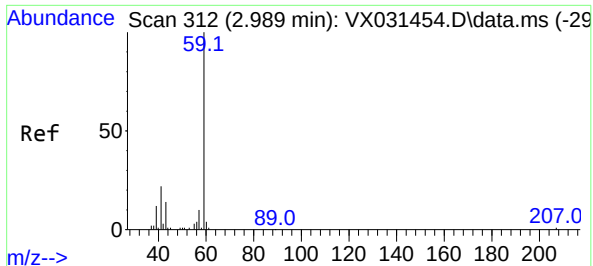
Tgt Ion:168 Resp: 68936
Ion Ratio Lower Upper
168 100
99 52.8 48.8 73.2



#6
Chloroethane
Concen: Below Cal
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
Lab File: VX031472.D
Acq: 19 Sep 2022 20:00

Tgt Ion: 64 Resp: 746
Ion Ratio Lower Upper
64 100
66 39.8 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX031472.D

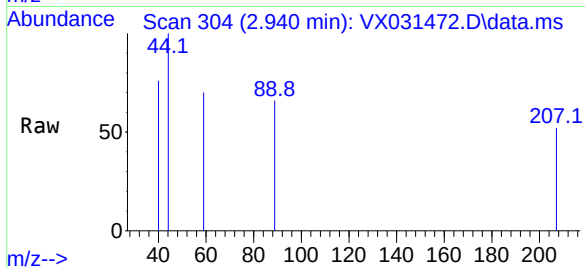
Acq: 19 Sep 2022 20:00

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-258-260RE

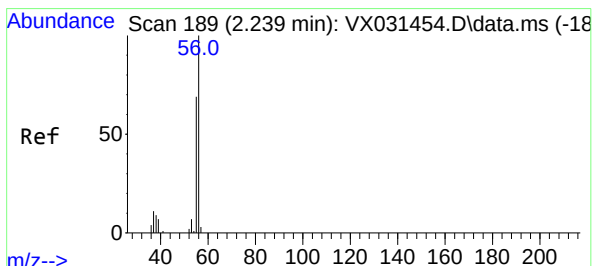
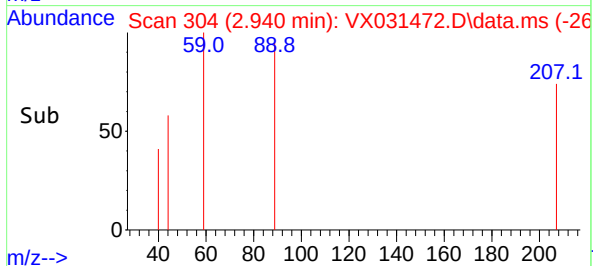
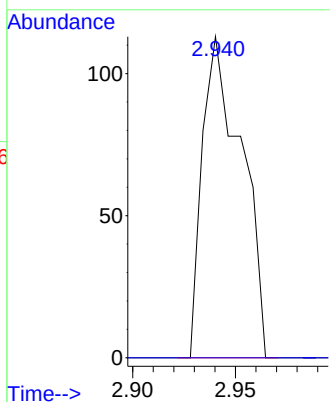


Tgt Ion: 59 Resp: 150

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: Below Cal

RT: 2.178 min Scan# 179

Delta R.T. -0.061 min

Lab File: VX031472.D

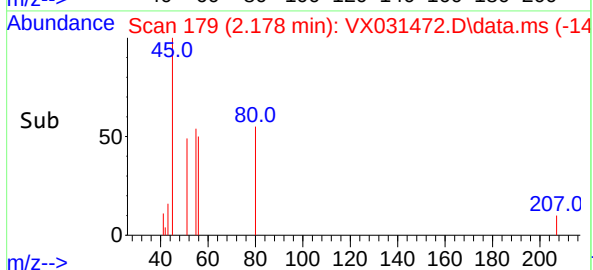
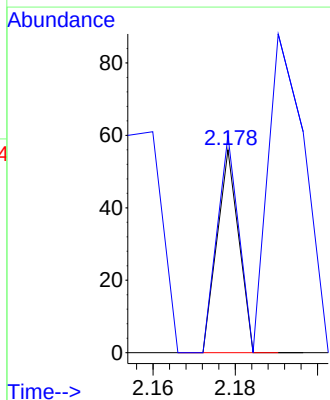
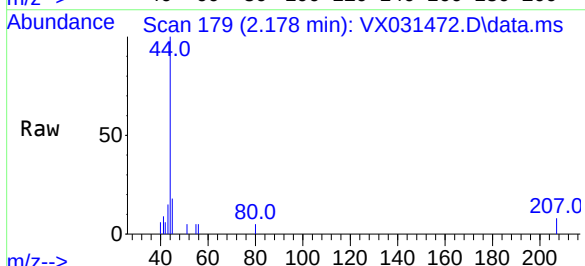
Acq: 19 Sep 2022 20:00

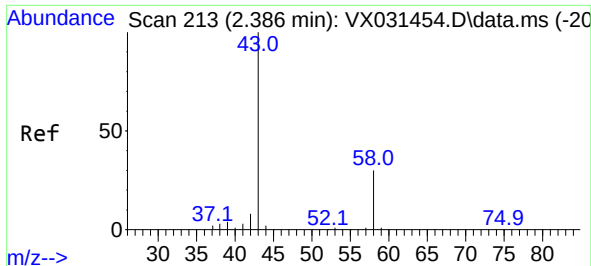
Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 380.0 56.0 84.0#

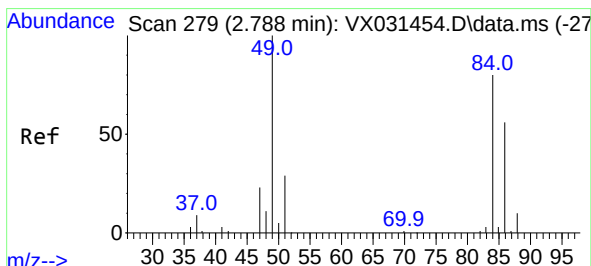
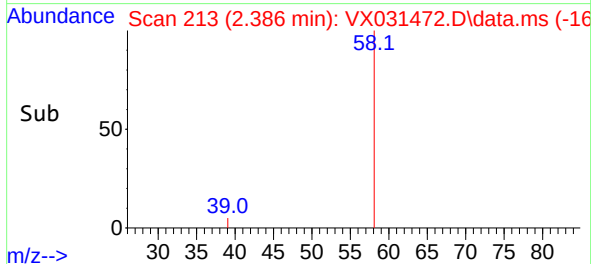
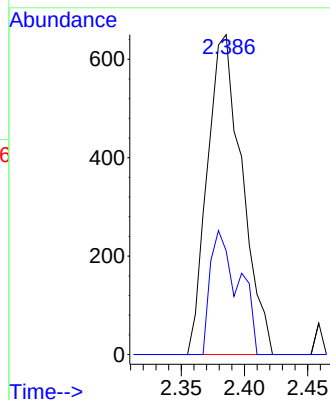
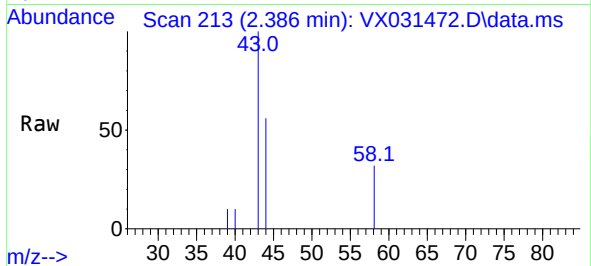




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX031472.D
Acq: 19 Sep 2022 20:00

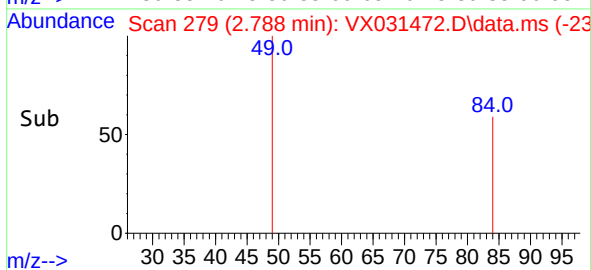
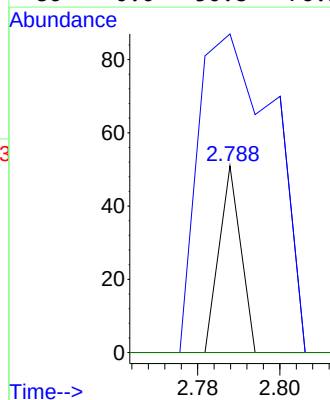
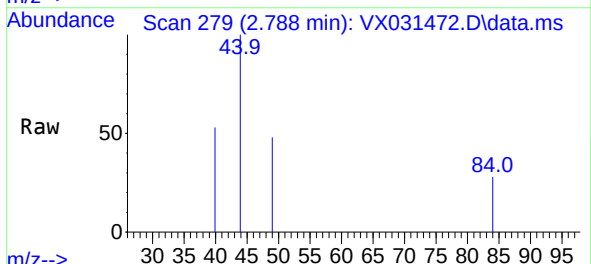
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-258-260RE

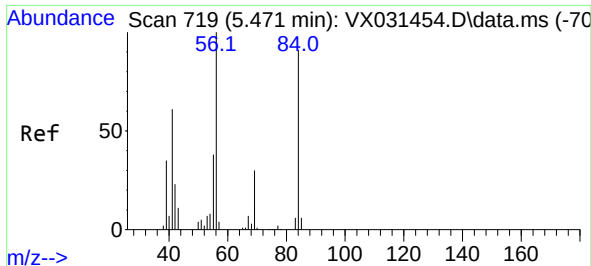
Tgt Ion: 43 Resp: 1238
Ion Ratio Lower Upper
43 100
58 32.5 23.8 35.8



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031472.D
Acq: 19 Sep 2022 20:00

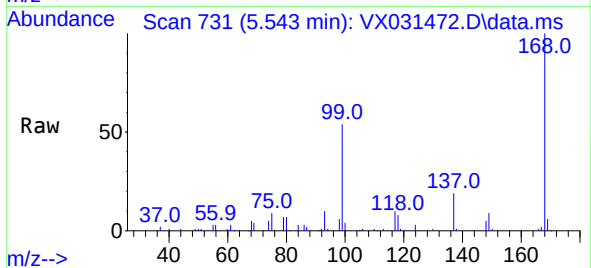
Tgt Ion: 84 Resp: 19
Ion Ratio Lower Upper
84 100
49 170.6 105.9 158.9#
51 0.0 32.2 48.2#
86 0.0 50.8 76.2#



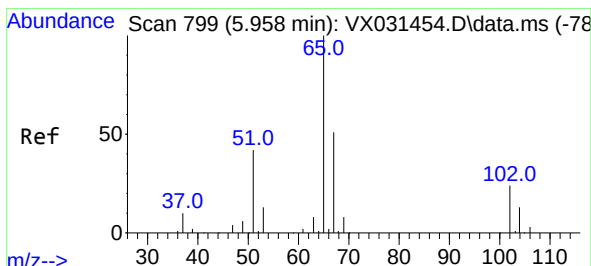
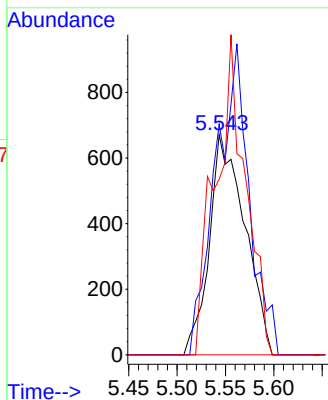
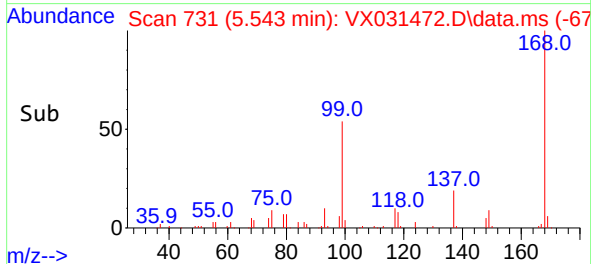


#31
Cyclohexane
Concen: 0.915 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.072 min
Lab File: VX031472.D
Acq: 19 Sep 2022 20:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-258-260RE

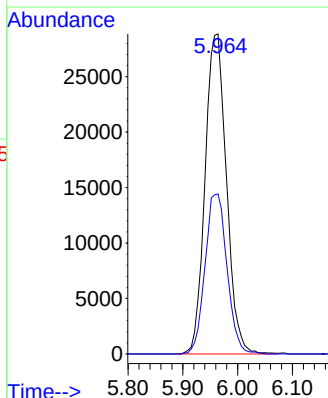
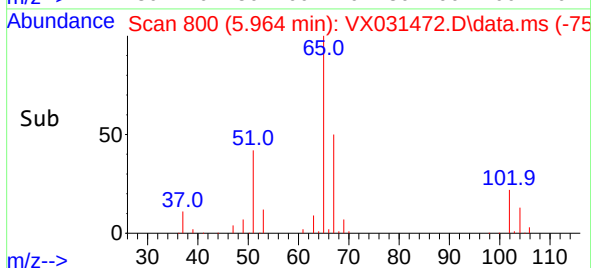
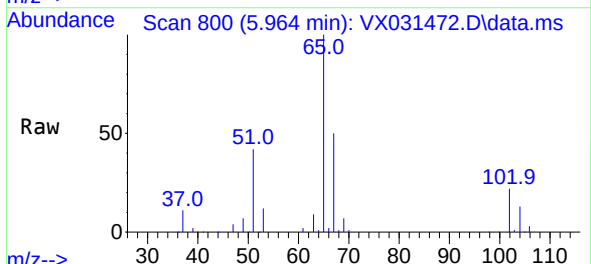


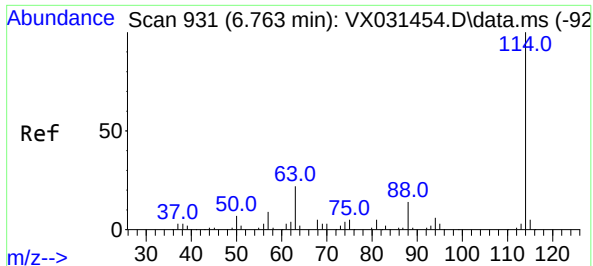
Tgt Ion: 56 Resp: 1715
Ion Ratio Lower Upper
56 100
69 104.8 25.1 37.7#
84 79.7 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 61.912 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX031472.D
Acq: 19 Sep 2022 20:00

Tgt Ion: 65 Resp: 78092
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.4

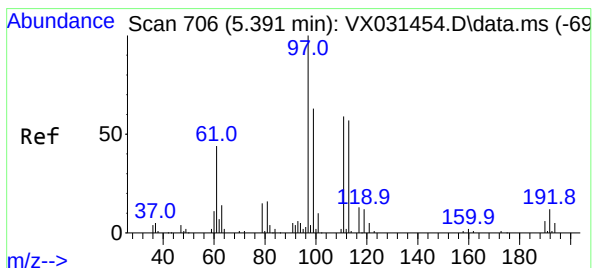
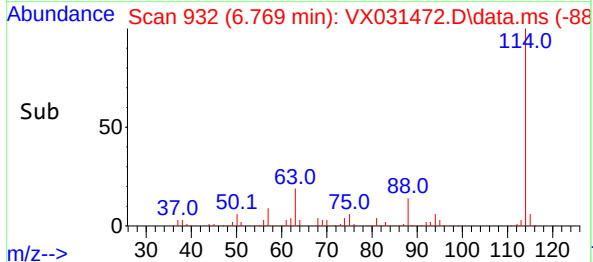
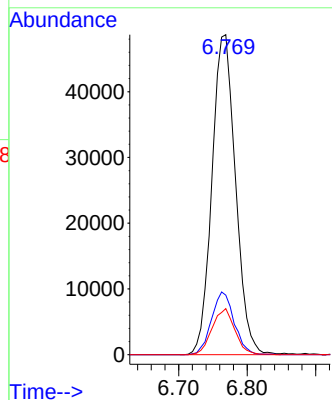
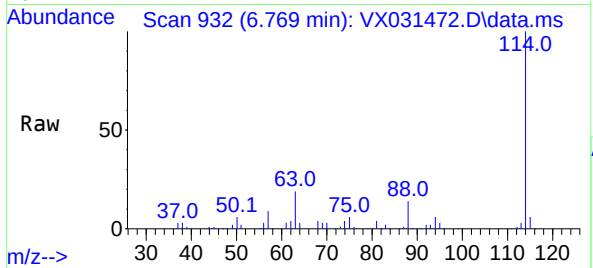




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX031472.D
Acq: 19 Sep 2022 20:00

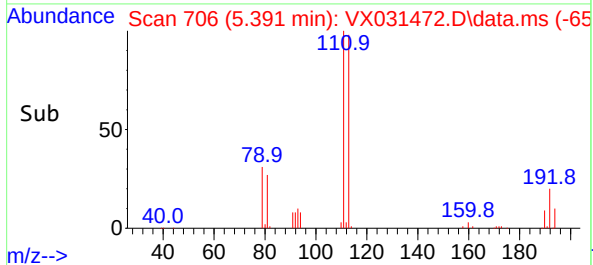
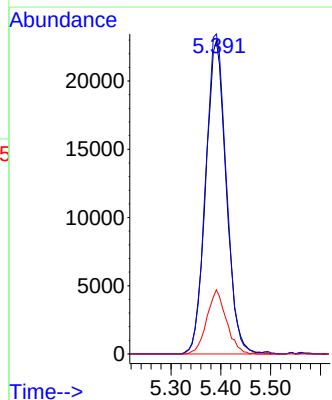
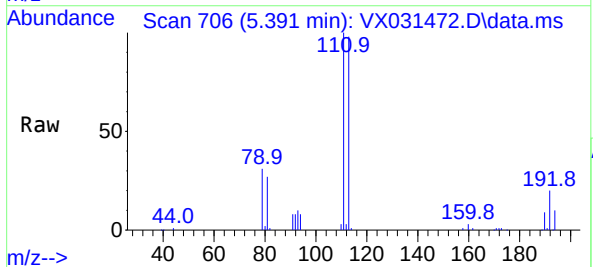
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-258-260RE

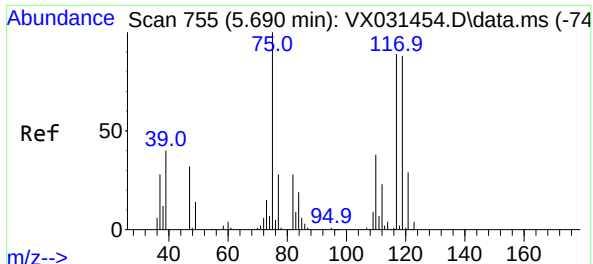
Tgt Ion:114 Resp: 116211
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.6
88 14.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 54.666 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031472.D
Acq: 19 Sep 2022 20:00

Tgt Ion:113 Resp: 65581
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 19.5 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.028 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX031472.D

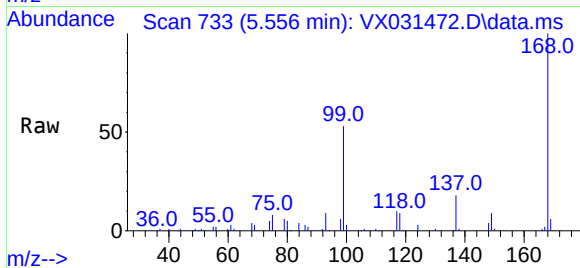
Acq: 19 Sep 2022 20:00

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-258-260RE



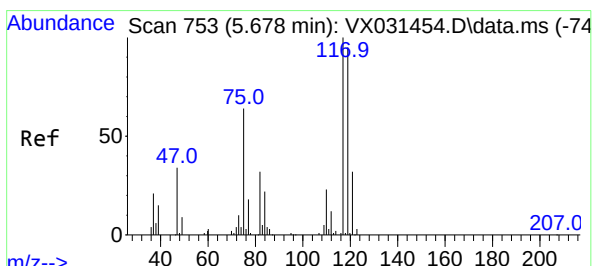
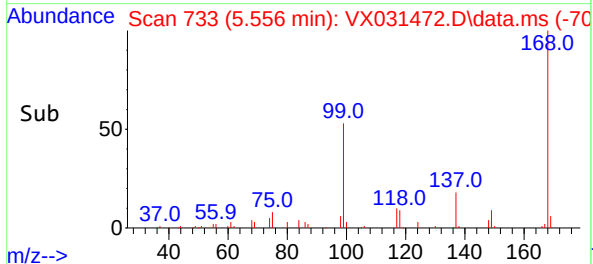
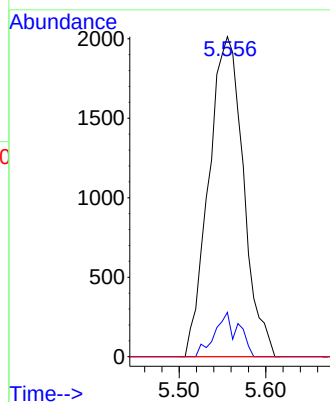
Tgt Ion: 75 Resp: 5594

Ion Ratio Lower Upper

75 100

110 9.7 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 3.464 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX031472.D

Acq: 19 Sep 2022 20:00

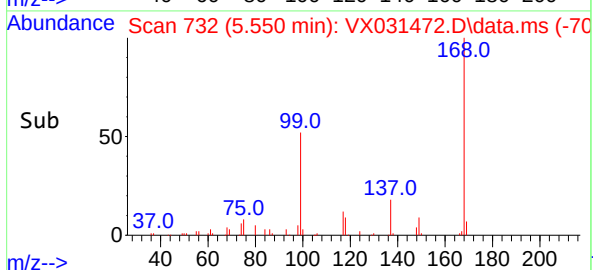
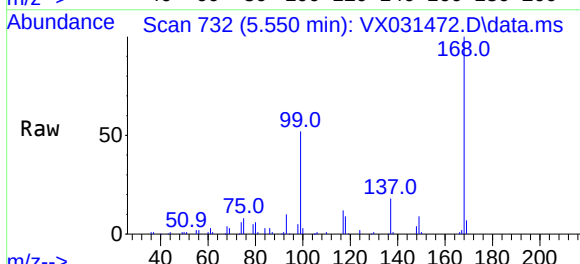
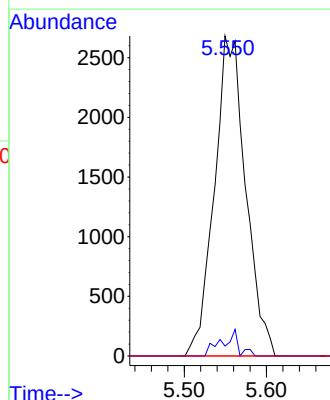
Tgt Ion: 117 Resp: 7093

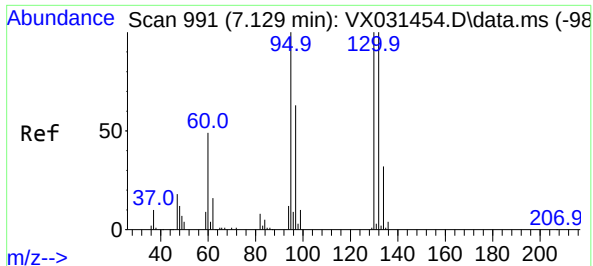
Ion Ratio Lower Upper

117 100

119 3.1 74.6 112.0#

121 0.0 25.3 37.9#

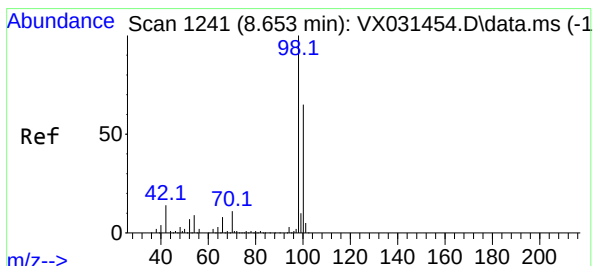
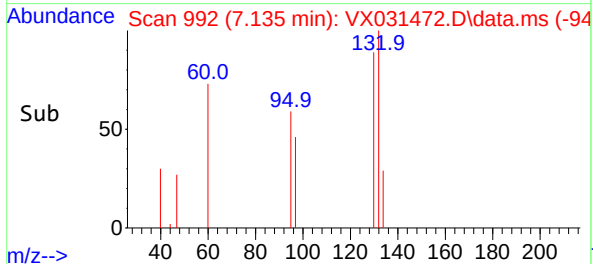
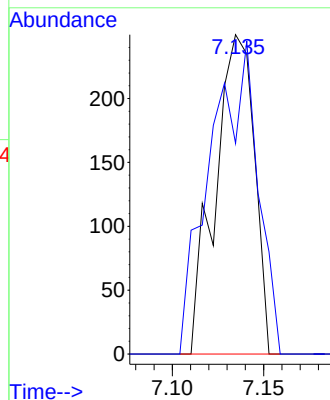
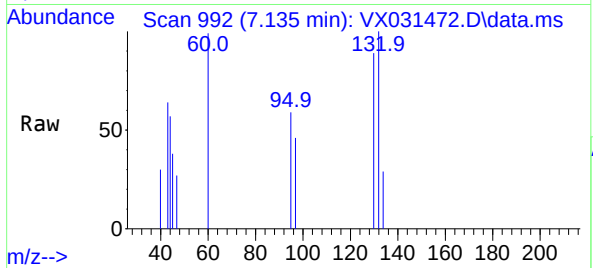




#44
Trichloroethene
Concen: 0.239 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX031472.D
Acq: 19 Sep 2022 20:00

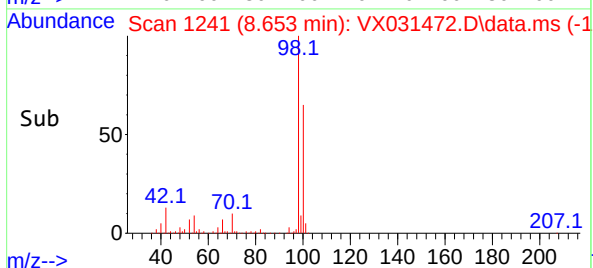
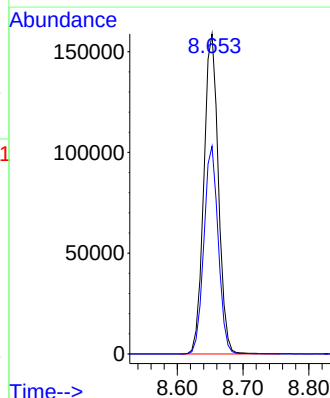
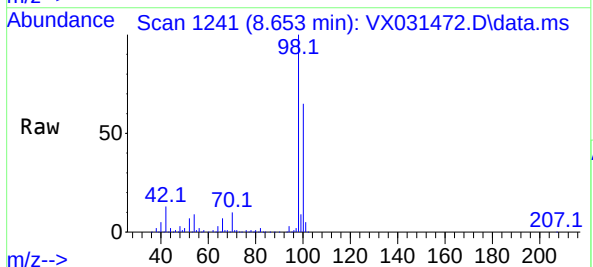
Instrument :
MSVOA_X
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BP-VPB-RW5-GW-258-260RE

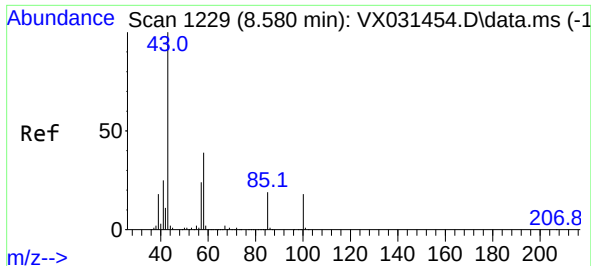
Tgt Ion:130 Resp: 374
Ion Ratio Lower Upper
130 100
95 66.0 0.0 206.8



#50
Toluene-d8
Concen: 52.748 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031472.D
Acq: 19 Sep 2022 20:00

Tgt Ion: 98 Resp: 244221
Ion Ratio Lower Upper
98 100
100 63.9 52.5 78.7

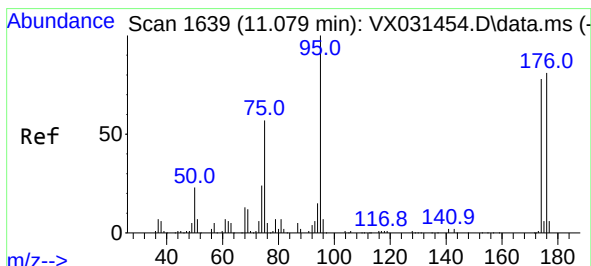
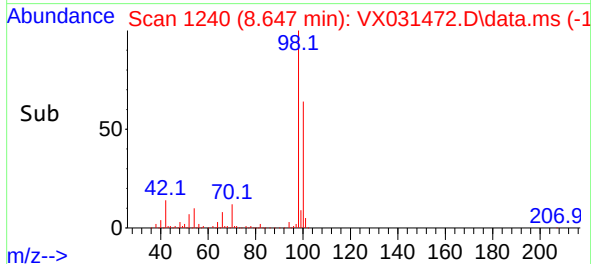
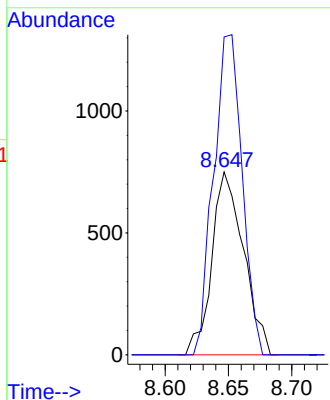
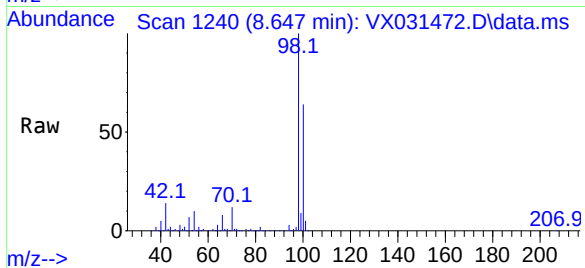




#51
4-Methyl-2-Pentanone
Concen: 0.600 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX031472.D
Acq: 19 Sep 2022 20:00

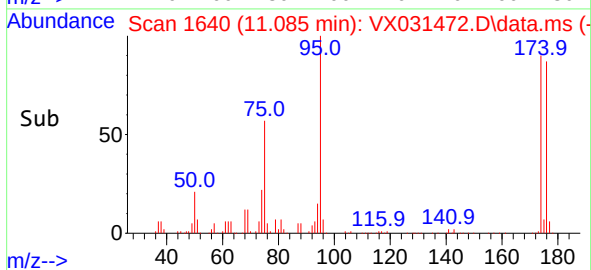
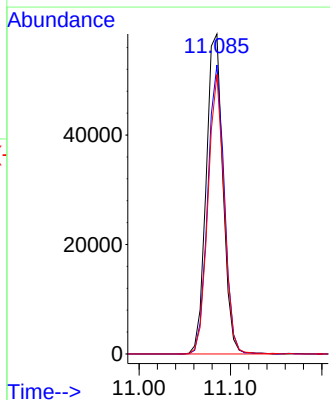
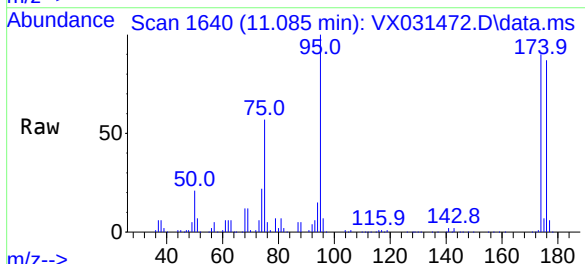
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-258-260RE

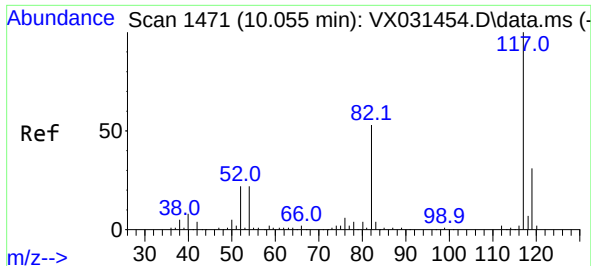
Tgt Ion: 43 Resp: 1308
Ion Ratio Lower Upper
43 100
58 157.9 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 47.286 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031472.D
Acq: 19 Sep 2022 20:00

Tgt Ion: 95 Resp: 74158
Ion Ratio Lower Upper
95 100
174 89.2 0.0 153.2
176 84.5 0.0 144.0

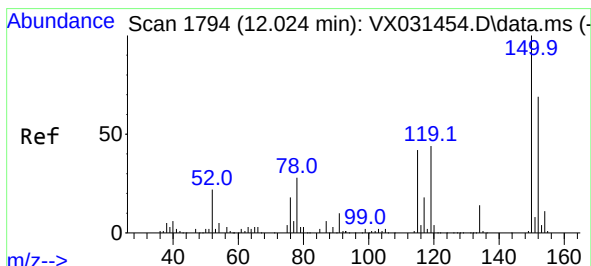
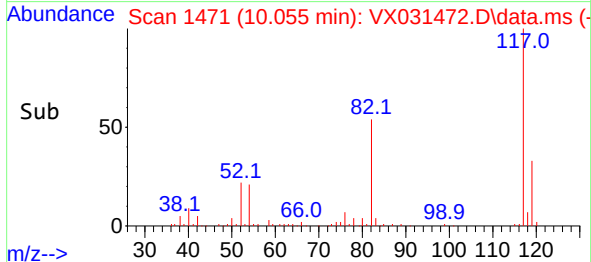
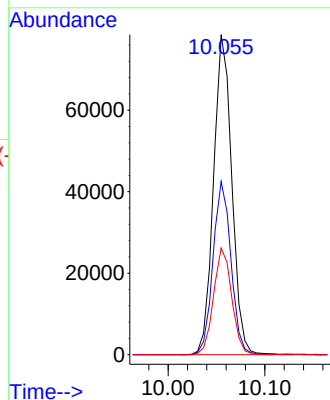
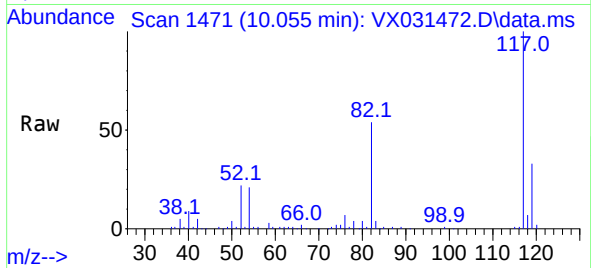




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031472.D
Acq: 19 Sep 2022 20:00

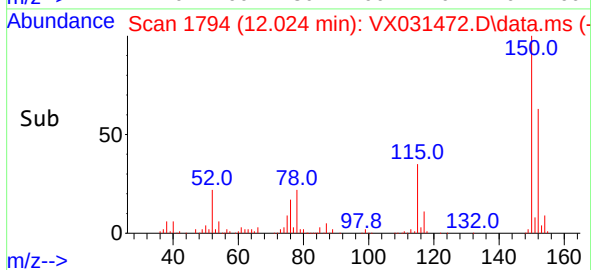
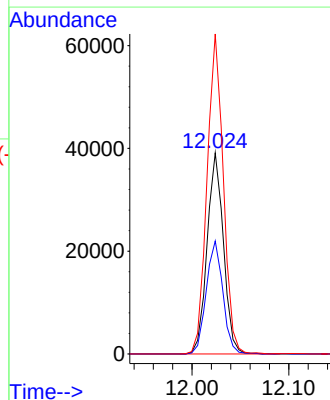
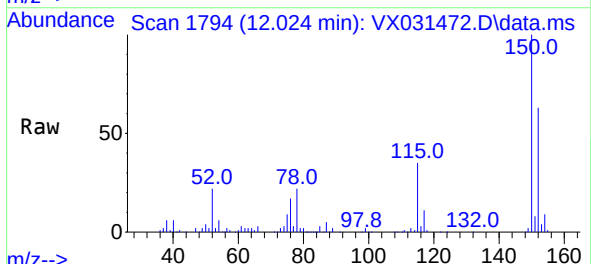
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW5-GW-258-260RE

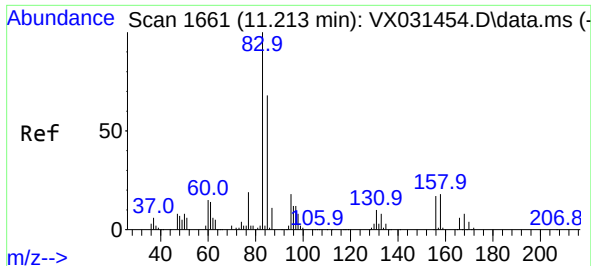
Tgt Ion:117 Resp: 103053
Ion Ratio Lower Upper
117 100
82 54.1 46.8 70.2
119 33.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031472.D
Acq: 19 Sep 2022 20:00

Tgt Ion:152 Resp: 46100
Ion Ratio Lower Upper
152 100
115 57.1 43.4 130.1
150 158.6 0.0 346.8

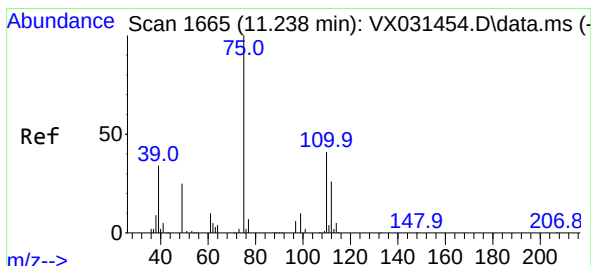
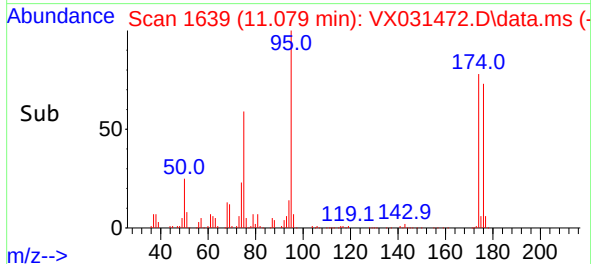
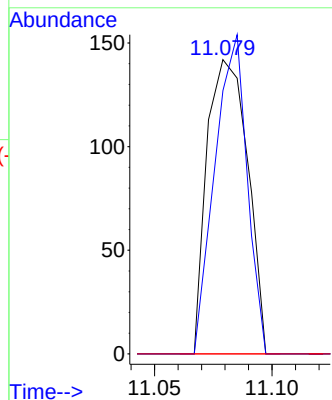
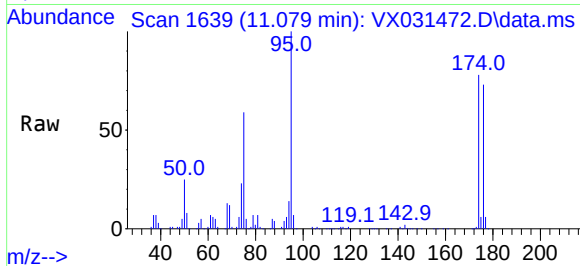




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX031472.D
Acq: 19 Sep 2022 20:00

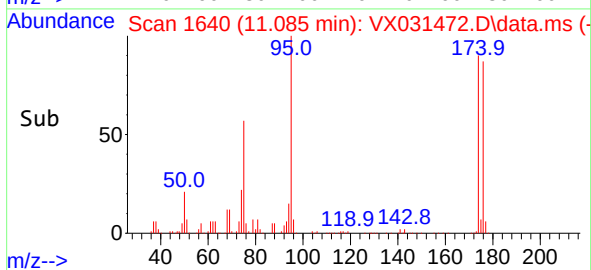
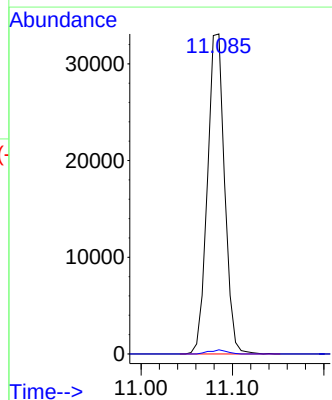
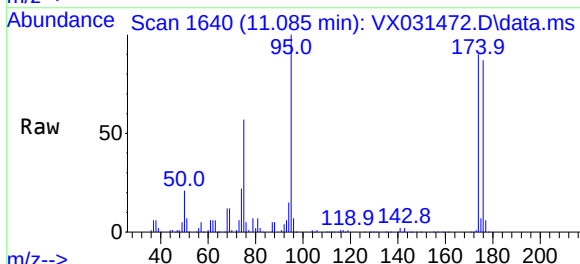
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW5-GW-258-260RE

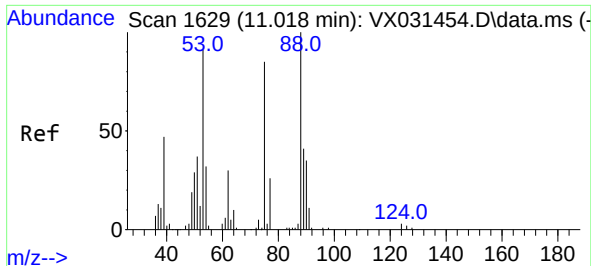
Tgt Ion: 83 Resp: 170
Ion Ratio Lower Upper
83 100
131 85.9 5.1 15.4#
85 0.0 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 41.783 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX031472.D
Acq: 19 Sep 2022 20:00

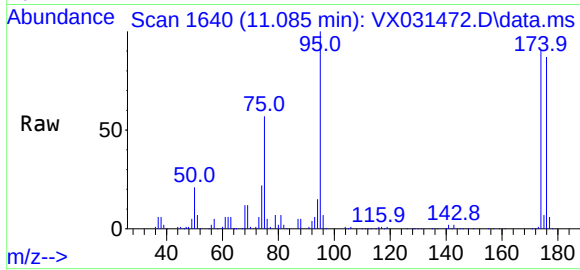
Tgt Ion: 75 Resp: 42991
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 134.536 ug/l
RT: 11.085 min Scan# 10
Delta R.T. 0.067 min
Lab File: VX031472.D
Acq: 19 Sep 2022 20:00

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-258-260RE



Tgt Ion: 75 Resp: 42991
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

