

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024598.D
 Acq On : 06 Oct 2021 02:58
 Operator : JC/MD
 Sample : M4055-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-RW8-MW01S-GW-20211001

Quant Time: Oct 06 06:53:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

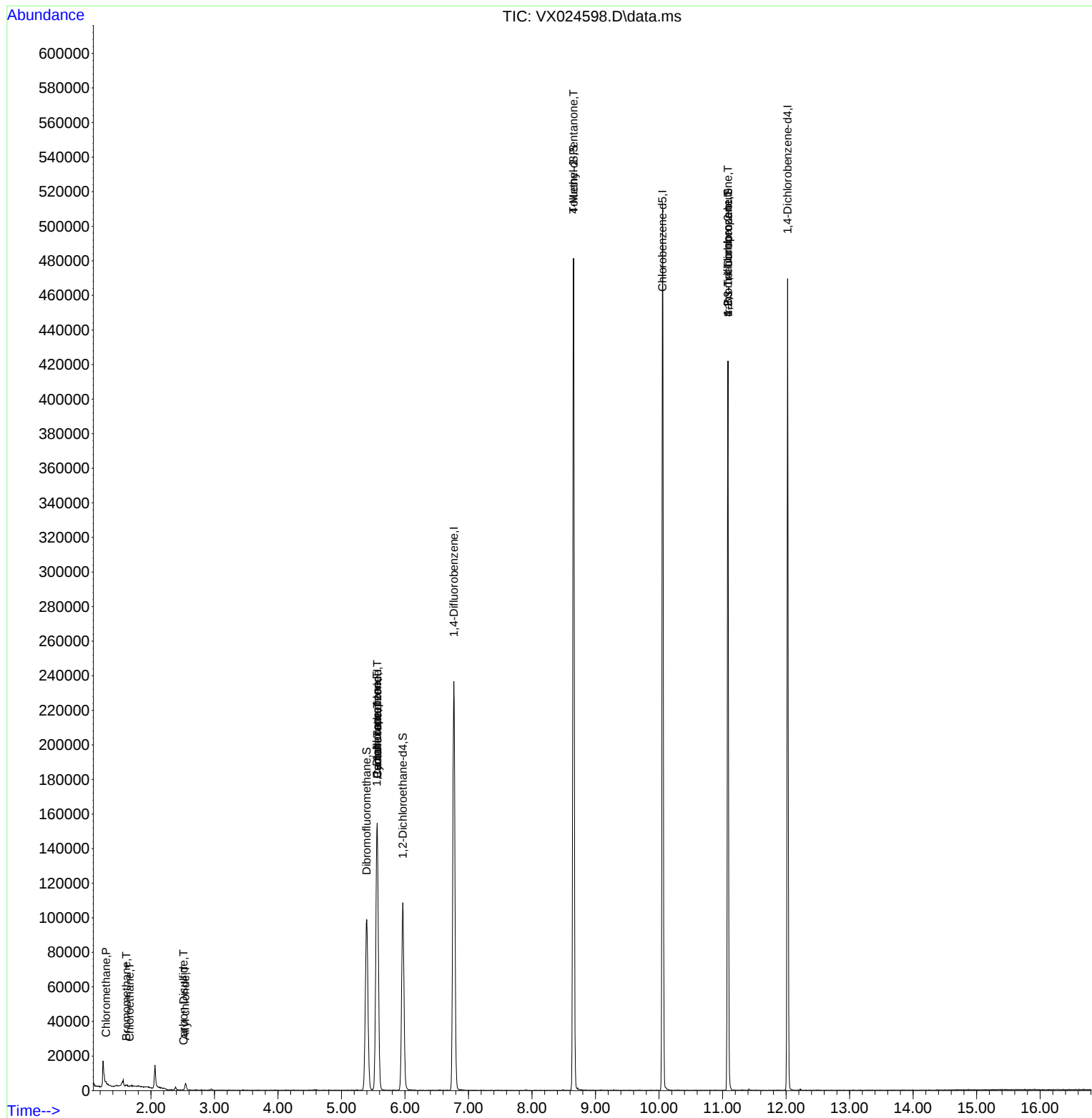
Internal Standards						
1) Pentafluorobenzene	5.562	168	144980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	240214	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105953	51.853	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.700%	
35) Dibromofluoromethane	5.397	113	86300	54.079	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.160%	
50) Toluene-d8	8.653	98	284282	48.402	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.800%	
62) 4-Bromofluorobenzene	11.085	95	105535	45.700	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	507	0.369	ug/l #	77
5) Bromomethane	1.611	94	309	0.319	ug/l #	71
6) Chloroethane	1.666	64	210	0.476	ug/l #	43
11) Tert butyl alcohol	2.959	59	369	Below Cal	#	73
14) Allyl chloride	2.538	41	499	0.205	ug/l #	50
16) Acetone	2.386	43	1703	Below Cal	#	78
17) Carbon Disulfide	2.514	76	251	0.301	ug/l #	75
20) Methylene Chloride	2.800	84	130	Below Cal	#	46
31) Cyclohexane	5.562	56	3009	1.230	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	11257	4.888	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14931	5.956	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1356	0.470	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	55128	27.295	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55128	74.255	ug/l #	12

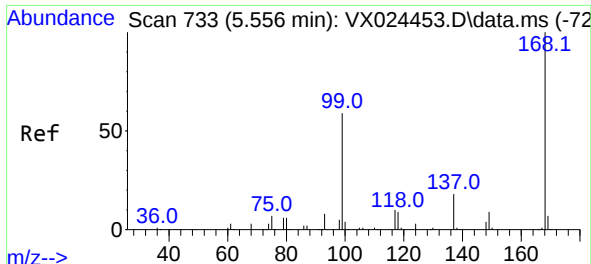
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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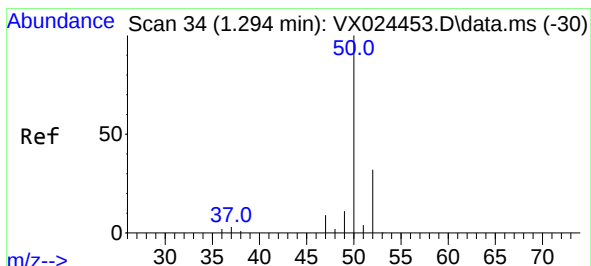
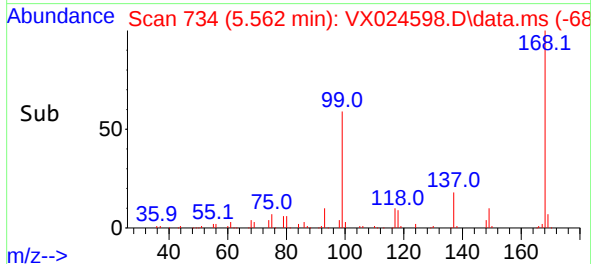
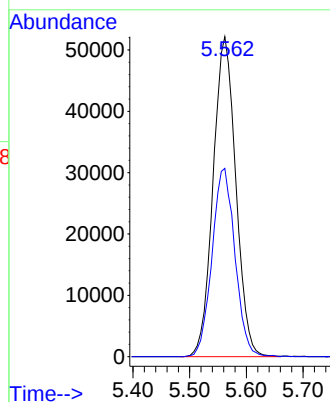
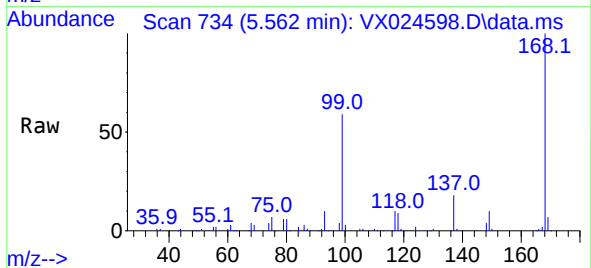




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024598.D
Acq: 06 Oct 2021 02:58

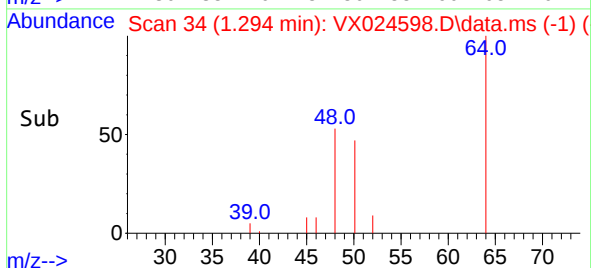
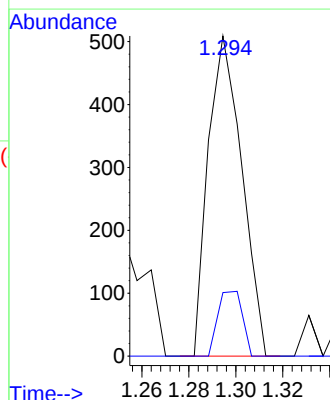
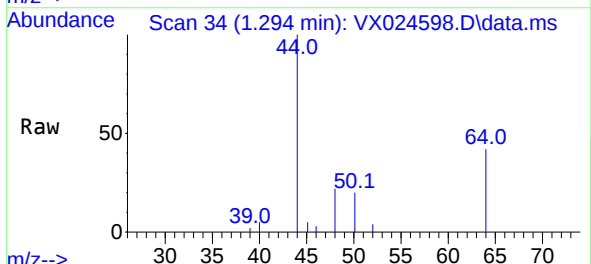
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01S-GW-20211001

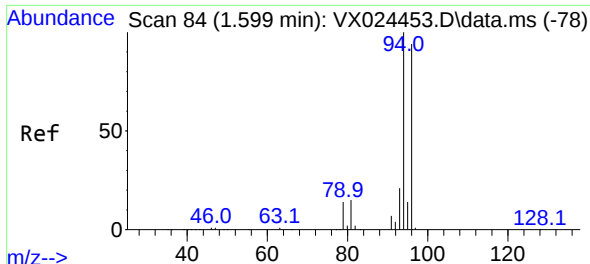
Tgt Ion:168 Resp: 144980
Ion Ratio Lower Upper
168 100
99 58.9 45.8 68.6



#3
Chloromethane
Concen: 0.369 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024598.D
Acq: 06 Oct 2021 02:58

Tgt Ion: 50 Resp: 507
Ion Ratio Lower Upper
50 100
52 19.8 26.4 39.6#

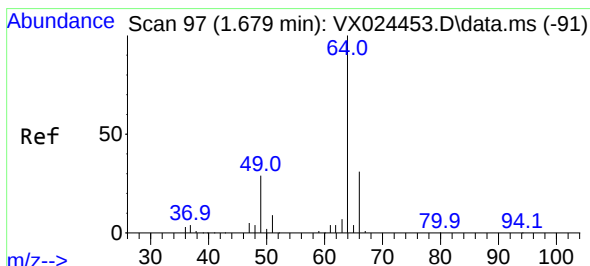
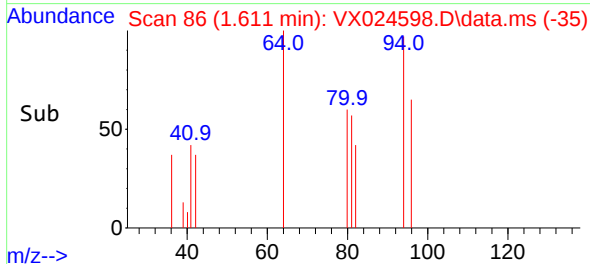
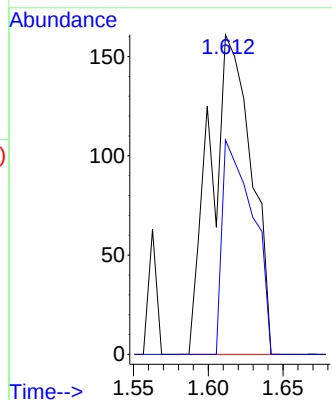
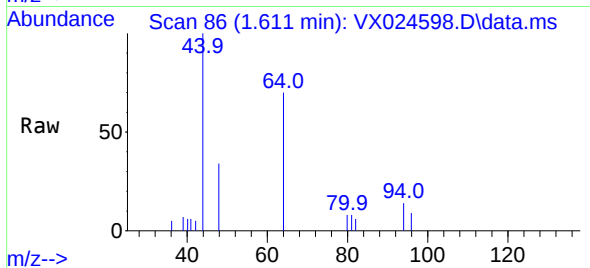




#5
Bromomethane
Concen: 0.319 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024598.D
Acq: 06 Oct 2021 02:58

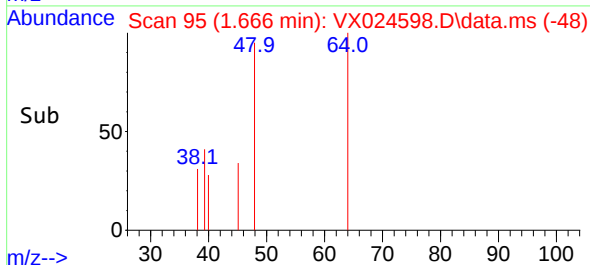
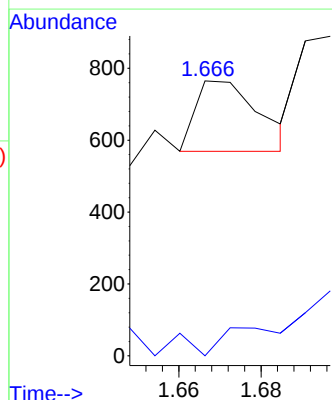
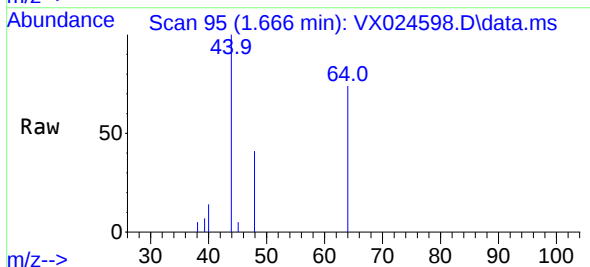
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01S-GW-20211001

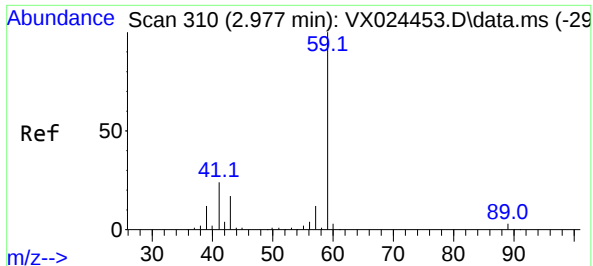
Tgt Ion: 94 Resp: 309
Ion Ratio Lower Upper
94 100
96 67.1 76.4 114.6#



#6
Chloroethane
Concen: 0.476 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024598.D
Acq: 06 Oct 2021 02:58

Tgt Ion: 64 Resp: 210
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



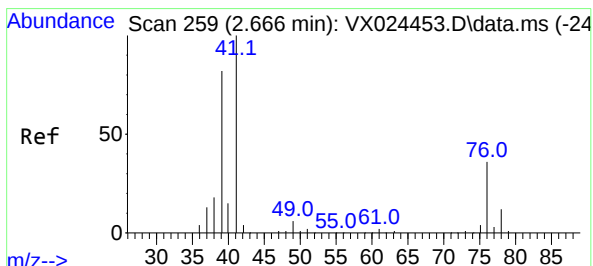
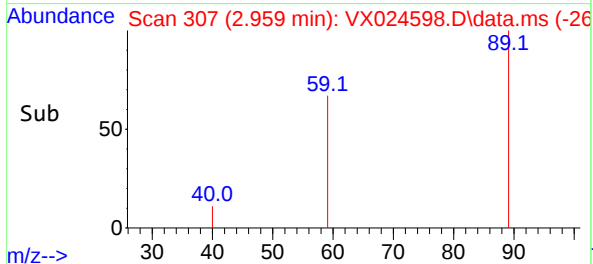
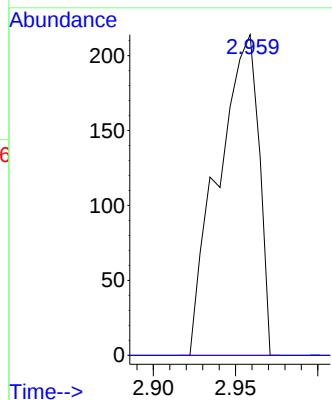
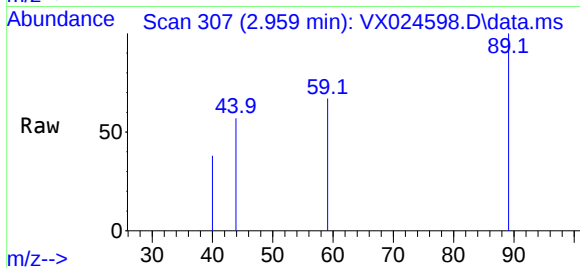


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX024598.D
Acq: 06 Oct 2021 02:58

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01S-GW-20211001

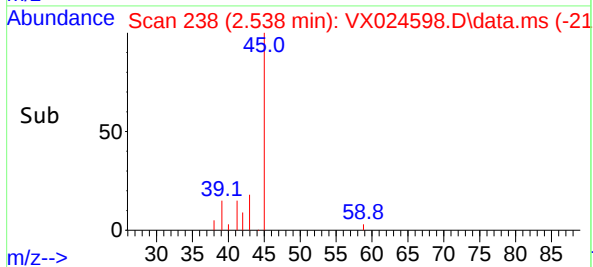
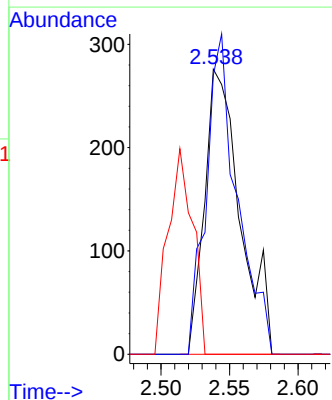
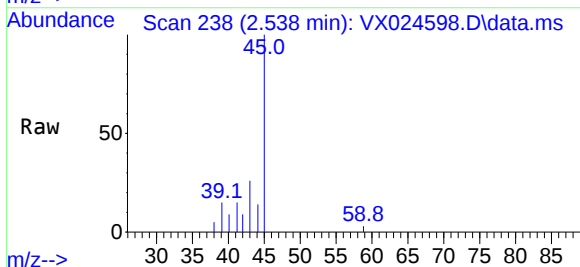
Tgt Ion: 59 Resp: 369
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

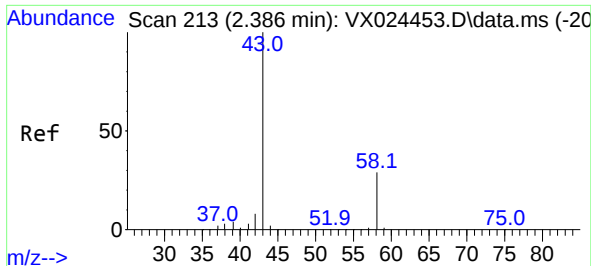


#14

Allyl chloride
Concen: 0.205 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.128 min
Lab File: VX024598.D
Acq: 06 Oct 2021 02:58

Tgt Ion: 41 Resp: 499
Ion Ratio Lower Upper
41 100
39 98.2 51.6 77.4#
76 0.0 30.5 45.7#

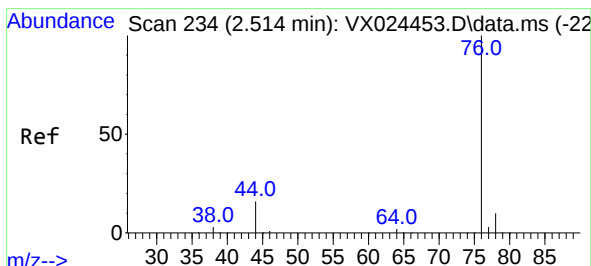
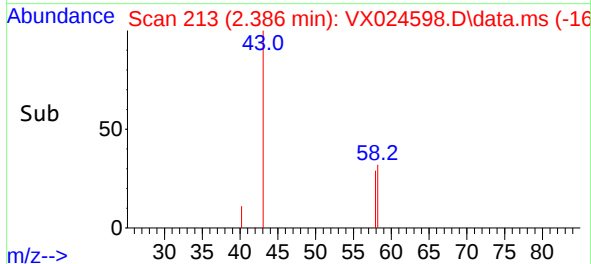
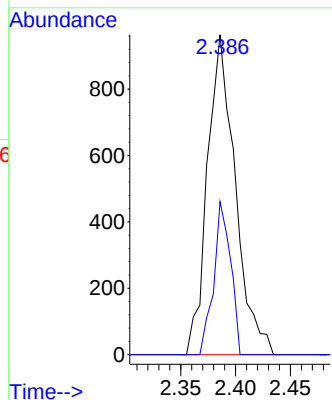
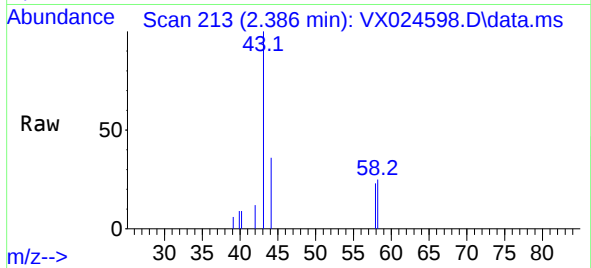




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024598.D
Acq: 06 Oct 2021 02:58

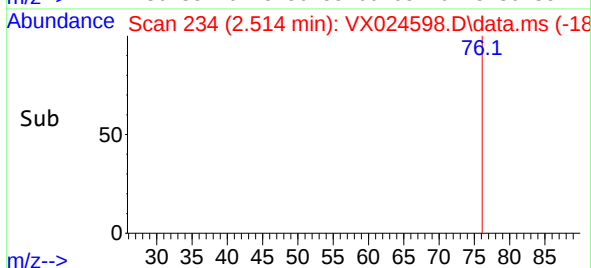
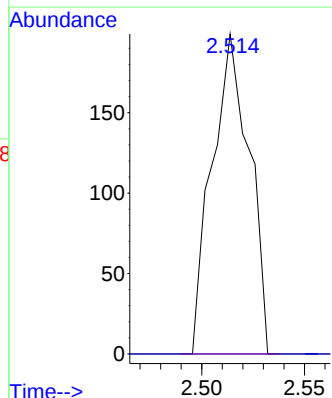
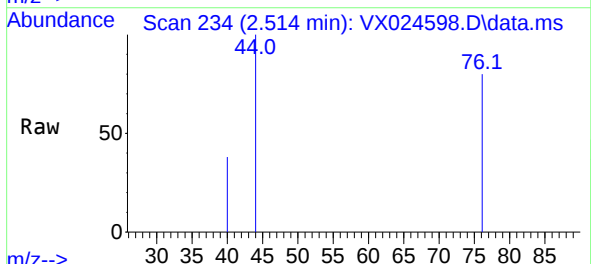
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01S-GW-20211001

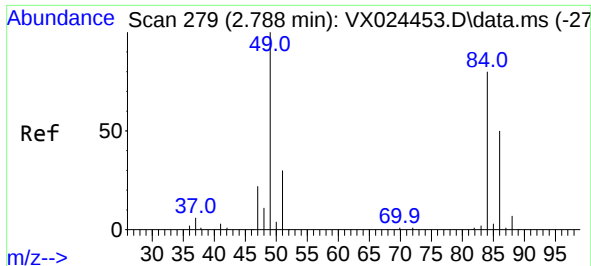
Tgt Ion: 43 Resp: 1703
Ion Ratio Lower Upper
43 100
58 47.8 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.301 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024598.D
Acq: 06 Oct 2021 02:58

Tgt Ion: 76 Resp: 251
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX024598.D

Acq: 06 Oct 2021 02:58

Instrument :

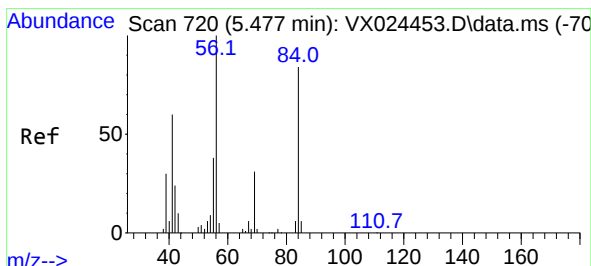
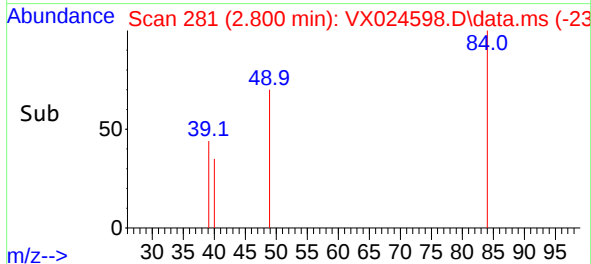
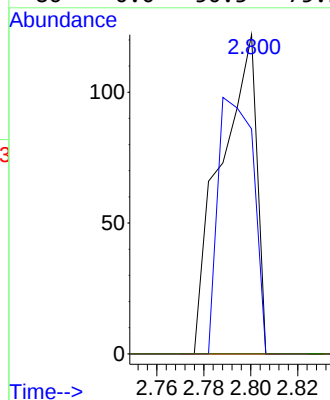
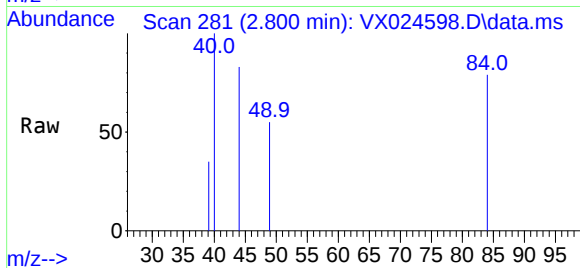
MSVOA_X

ClientSampleId :

BP-TT-RW8-MW01S-GW-20211001

Tgt Ion: 84 Resp: 130

Ion	Ratio	Lower	Upper
84	100		
49	70.5	88.6	132.8#
51	0.0	27.0	40.6#
86	0.0	50.3	75.5#



#31

Cyclohexane

Concen: 1.230 ug/l

RT: 5.562 min Scan# 734

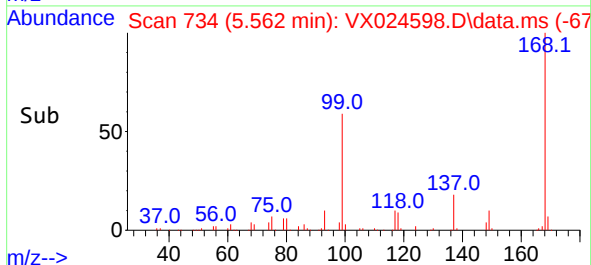
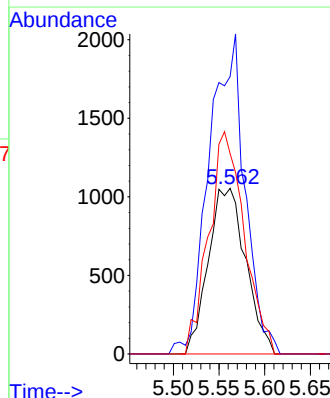
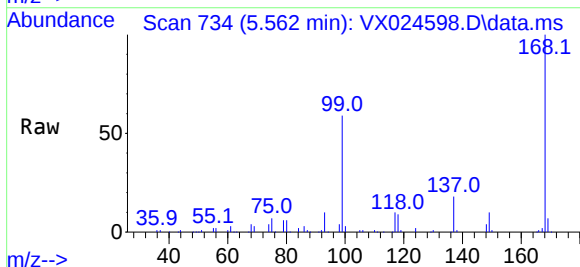
Delta R.T. 0.085 min

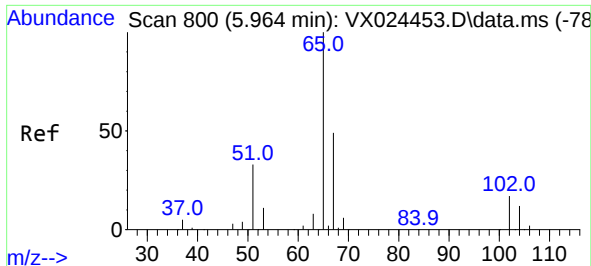
Lab File: VX024598.D

Acq: 06 Oct 2021 02:58

Tgt Ion: 56 Resp: 3009

Ion	Ratio	Lower	Upper
56	100		
69	167.6	25.3	37.9#
84	121.0	71.4	107.0#



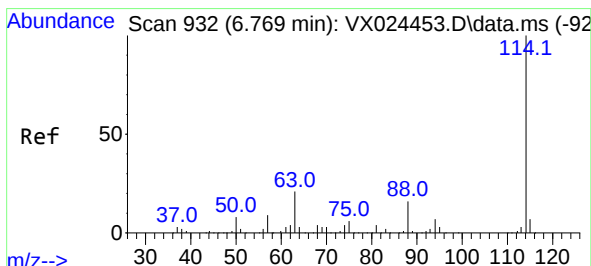
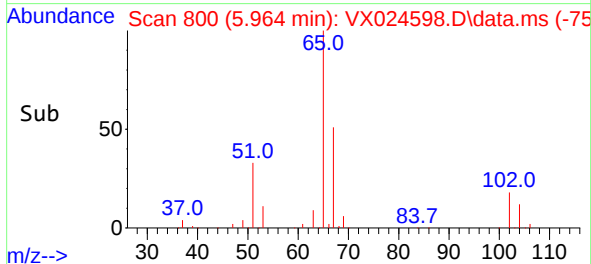
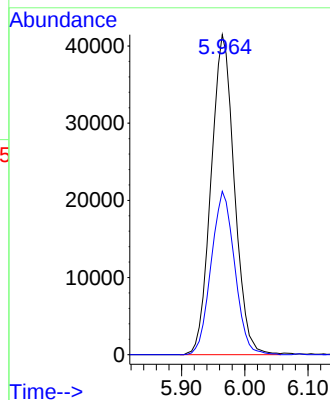
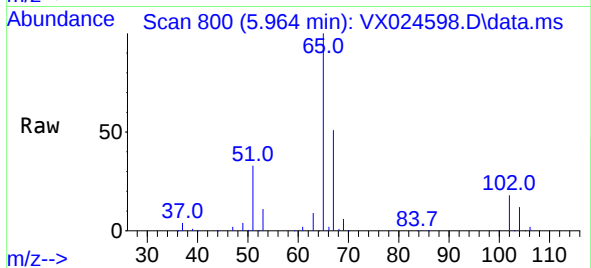


#33

1,2-Dichloroethane-d4
Concen: 51.853 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024598.D
Acq: 06 Oct 2021 02:58

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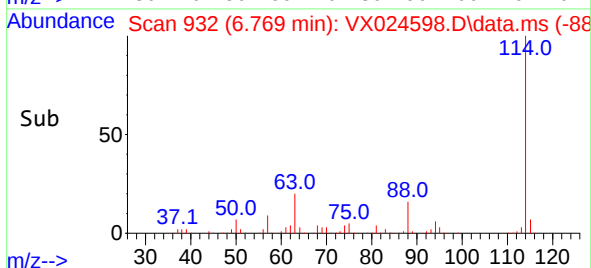
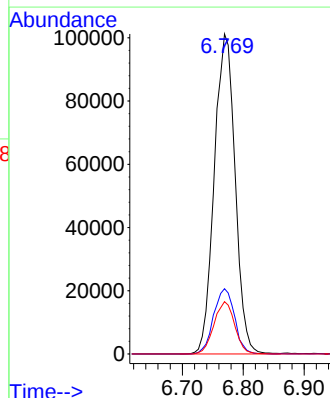
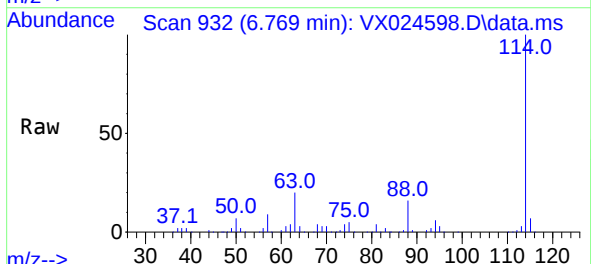
Tgt Ion: 65 Resp: 105953
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

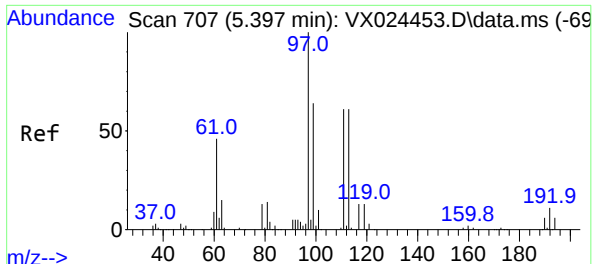


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024598.D
Acq: 06 Oct 2021 02:58

Tgt Ion: 114 Resp: 240214
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 54.079 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024598.D

Acq: 06 Oct 2021 02:58

Instrument :

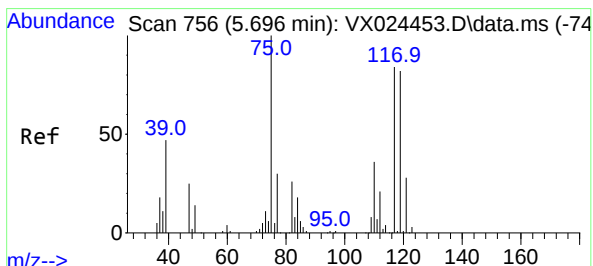
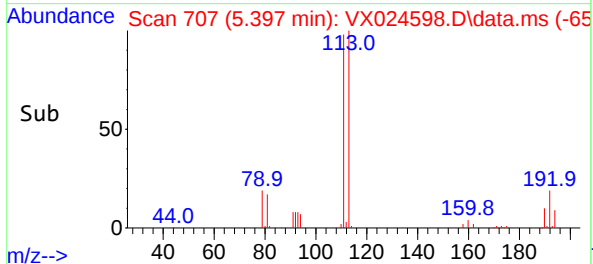
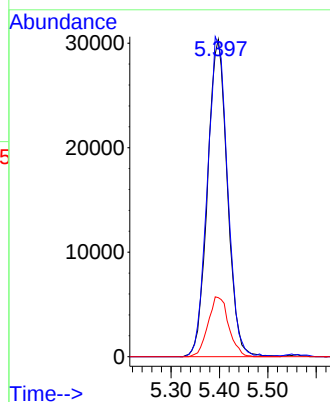
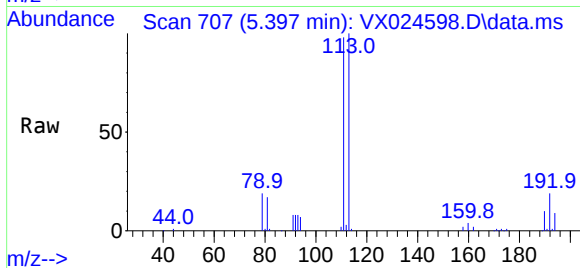
MSVOA_X

ClientSampleId :

BP-TT-RW8-MW01S-GW-20211001

Tgt Ion:113 Resp: 86300

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	19.6	16.7	25.1



#36

1,1-Dichloropropene

Concen: 4.888 ug/l

RT: 5.556 min Scan# 733

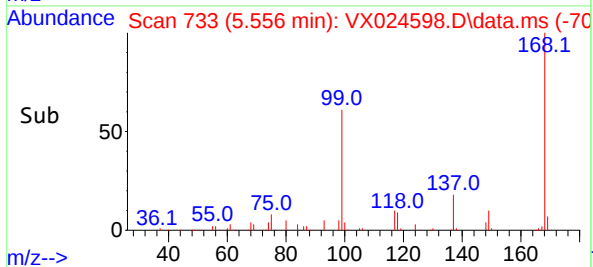
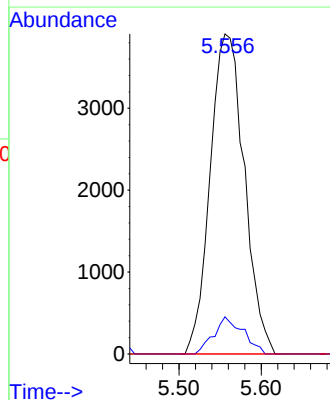
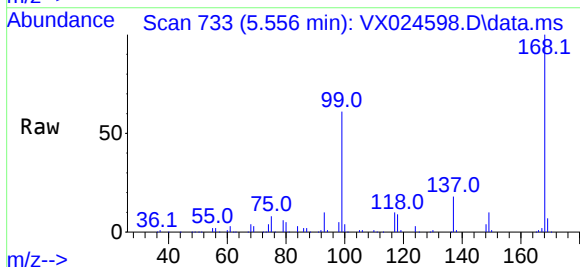
Delta R.T. -0.140 min

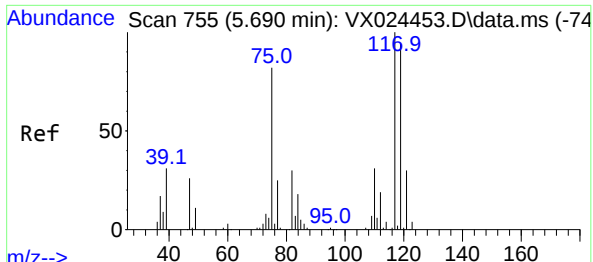
Lab File: VX024598.D

Acq: 06 Oct 2021 02:58

Tgt Ion: 75 Resp: 11257

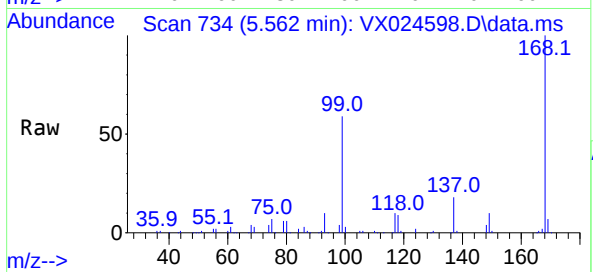
Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.4#
77	0.0	25.3	37.9#



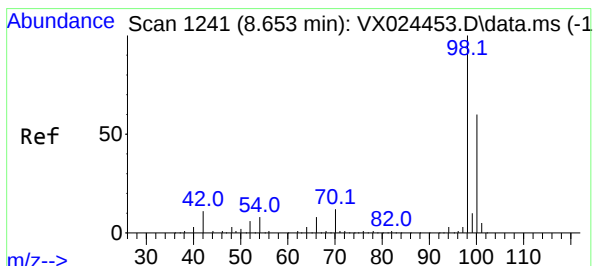
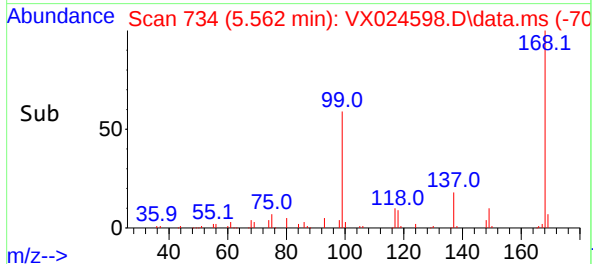
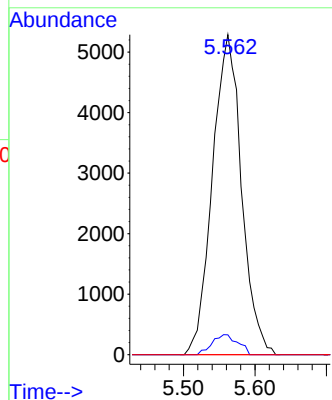


#38
Carbon Tetrachloride
Concen: 5.956 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024598.D
Acq: 06 Oct 2021 02:58

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01S-GW-20211001

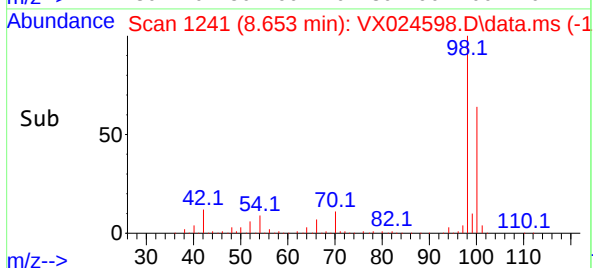
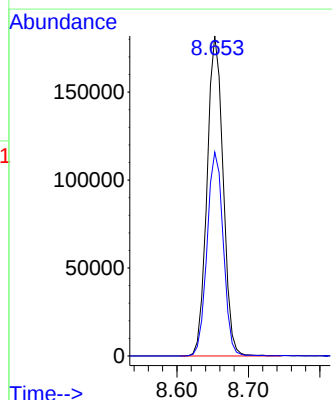
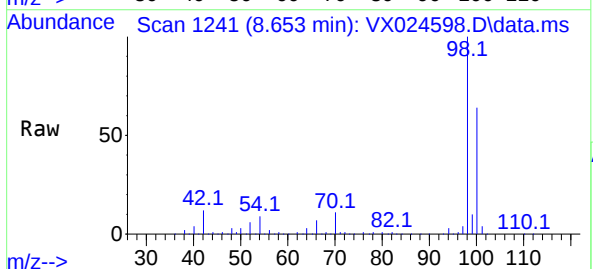


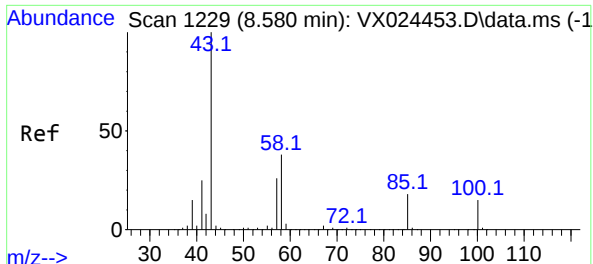
Tgt Ion:117 Resp: 14931
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.402 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024598.D
Acq: 06 Oct 2021 02:58

Tgt Ion: 98 Resp: 284282
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

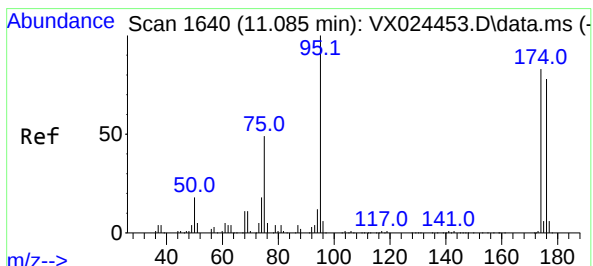
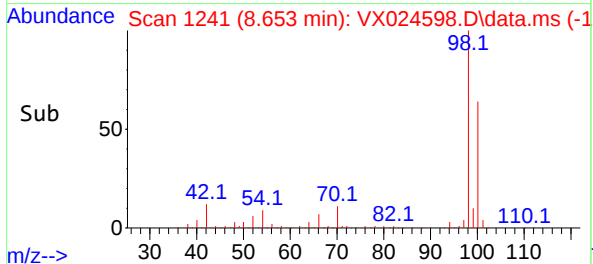
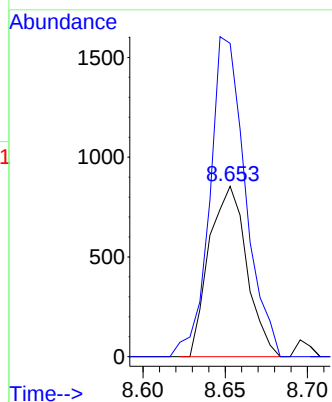
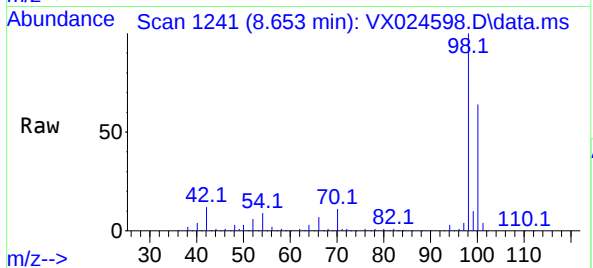




#51
4-Methyl-2-Pentanone
Concen: 0.470 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024598.D
Acq: 06 Oct 2021 02:58

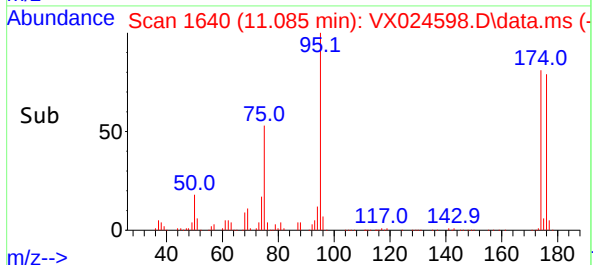
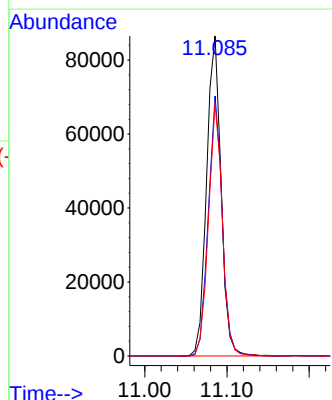
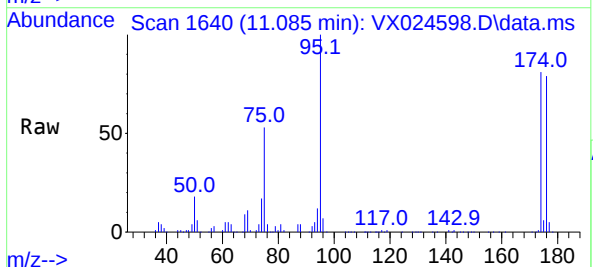
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01S-GW-20211001

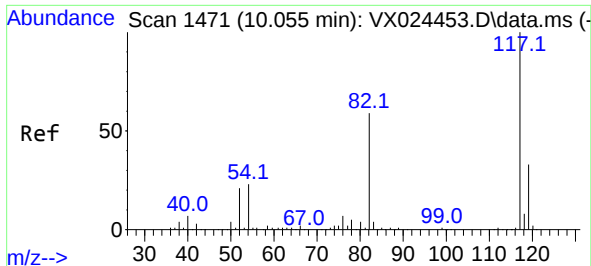
Tgt Ion: 43 Resp: 1356
Ion Ratio Lower Upper
43 100
58 177.9 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.700 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024598.D
Acq: 06 Oct 2021 02:58

Tgt Ion: 95 Resp: 105535
Ion Ratio Lower Upper
95 100
174 78.5 0.0 154.6
176 75.8 0.0 155.8

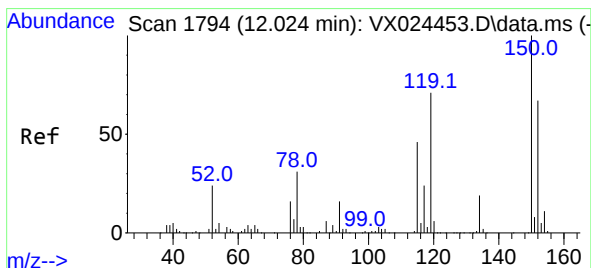
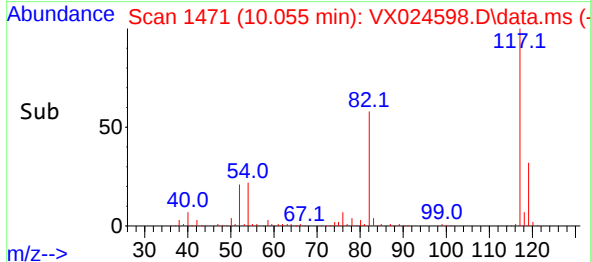
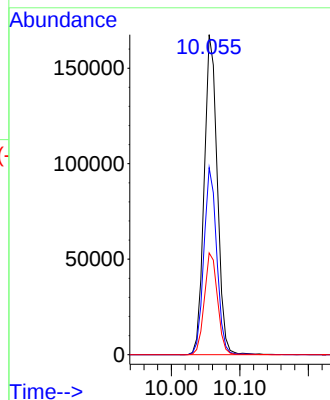
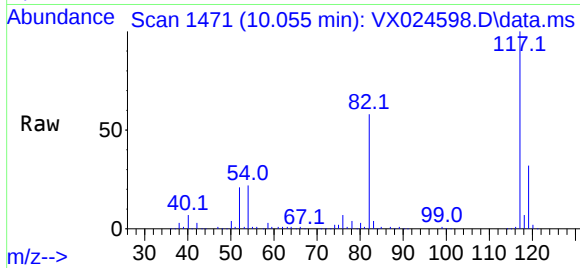




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024598.D
Acq: 06 Oct 2021 02:58

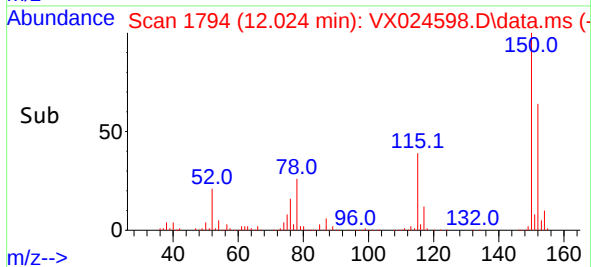
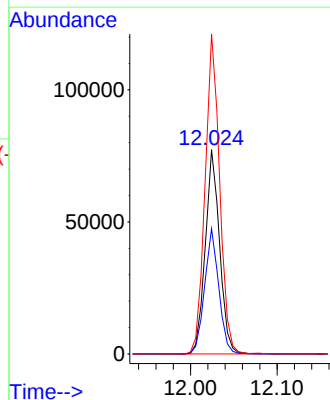
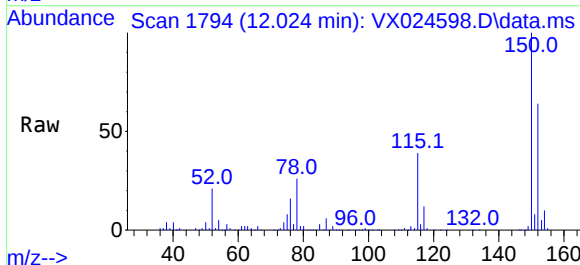
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01S-GW-20211001

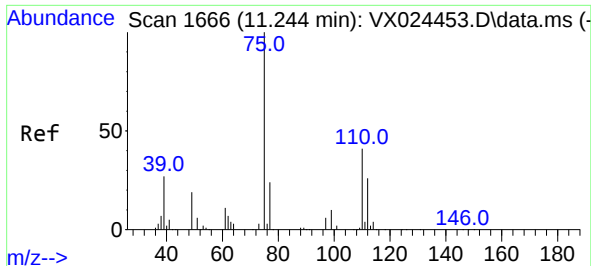
Tgt Ion:117 Resp: 222811
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024598.D
Acq: 06 Oct 2021 02:58

Tgt Ion:152 Resp: 88937
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 158.6 0.0 349.0

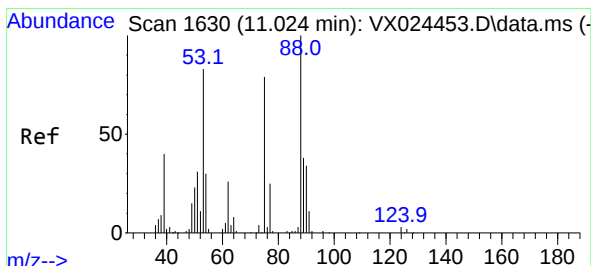
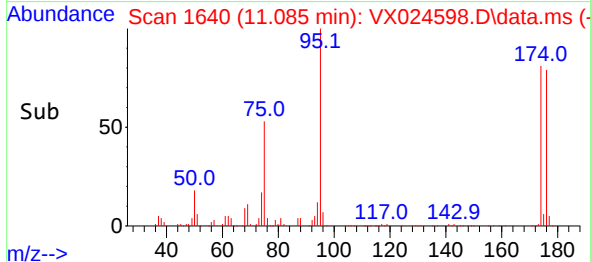
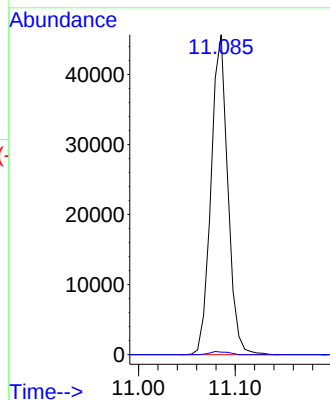
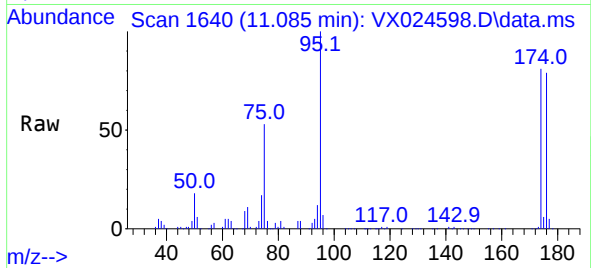




#76
1,2,3-Trichloropropane
Concen: 27.295 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024598.D
Acq: 06 Oct 2021 02:58

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW8-MW01S-GW-20211001

Tgt Ion: 75 Resp: 55128
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.255 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024598.D
Acq: 06 Oct 2021 02:58

Tgt Ion: 75 Resp: 55128
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

