

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024209.D
 Acq On : 14 Sep 2021 15:54
 Operator : JC/MD
 Sample : M3729-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-TB-20210908

Quant Time: Sep 15 01:57:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

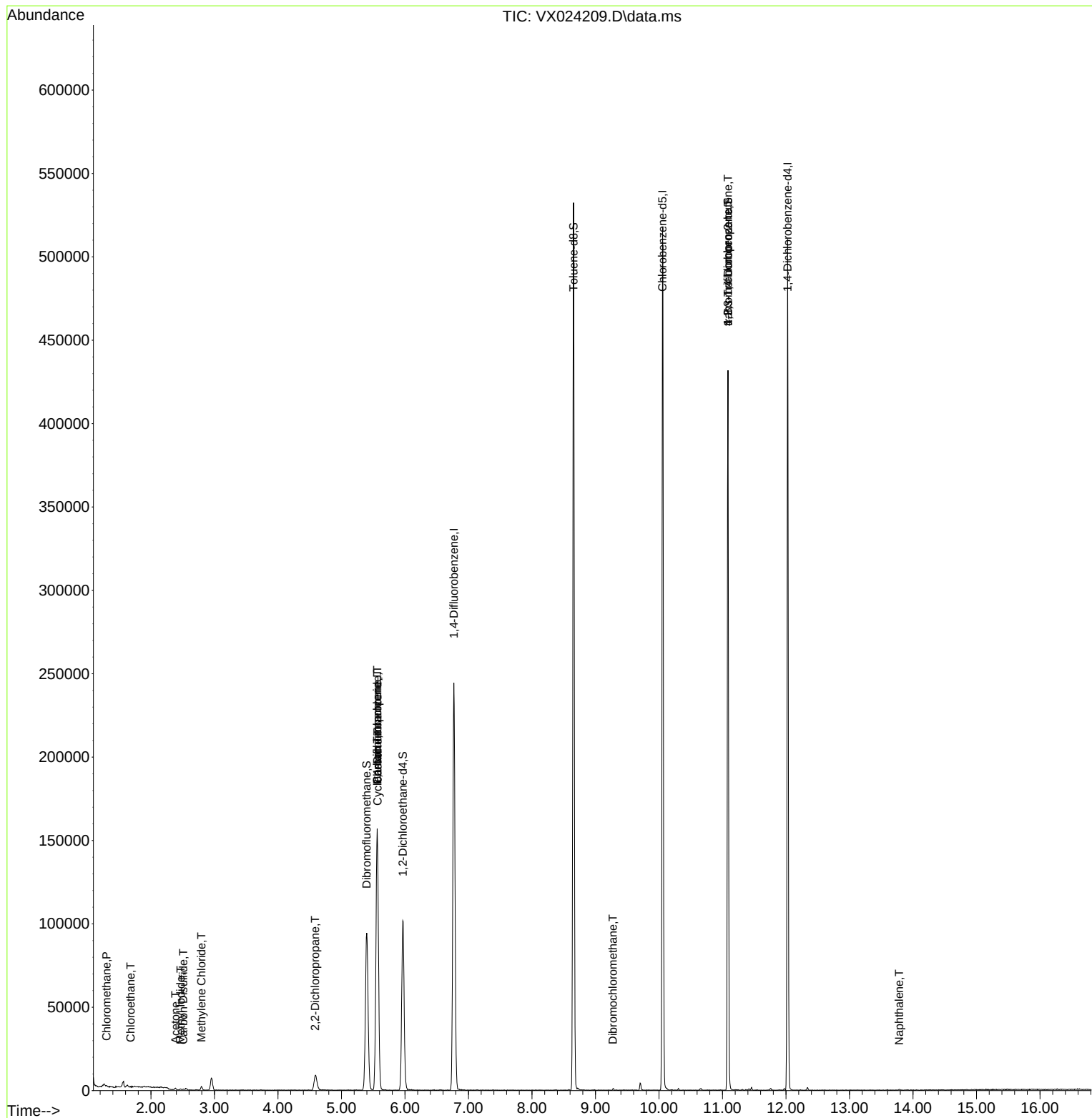
Internal Standards						
1) Pentafluorobenzene	5.562	168	144489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	243967	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103883	50.420	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.840%	
35) Dibromofluoromethane	5.397	113	82197	50.238	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.480%	
50) Toluene-d8	8.653	98	300489	50.414	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.820%	
62) 4-Bromofluorobenzene	11.085	95	111602	48.113	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.220%	
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	313	0.216	ug/l #	59
6) Chloroethane	1.679	64	51	2.045	ug/l #	43
10) Methyl Iodide	2.465	142	844	0.429	ug/l #	78
11) Tert butyl alcohol	2.953	59	4590	Below Cal	#	76
16) Acetone	2.386	43	1156	1.316	ug/l #	66
17) Carbon Disulfide	2.508	76	726	0.217	ug/l #	75
20) Methylene Chloride	2.794	84	1007	0.597	ug/l #	90
26) 2,2-Dichloropropane	4.587	77	632	0.259	ug/l #	52
31) Cyclohexane	5.568	56	3215	1.334	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11658	5.197	ug/l #	45
38) Carbon Tetrachloride	5.562	117	15217	6.027	ug/l #	16
60) Dibromochloromethane	9.275	129	235	1.838	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	59703	25.872	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	59703	76.090	ug/l #	12
95) Naphthalene	13.780	128	583	1.366	ug/l #	69

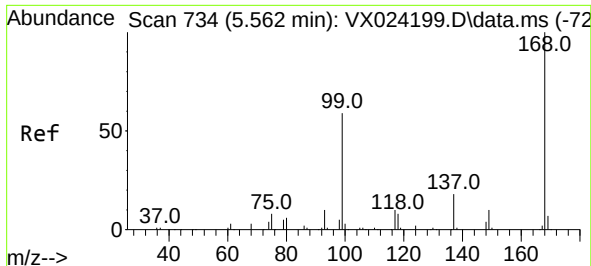
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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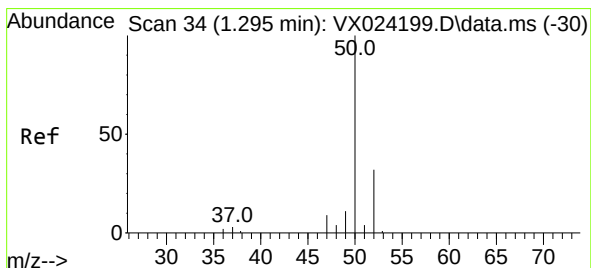
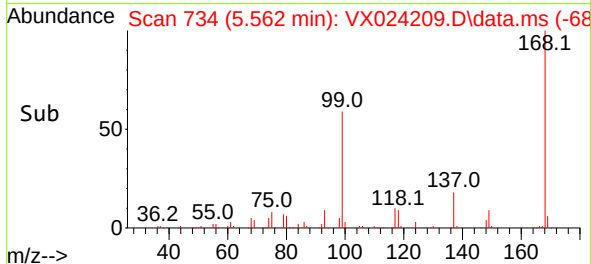
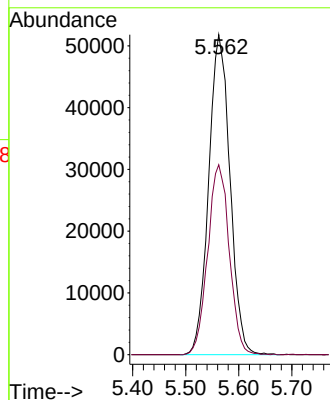
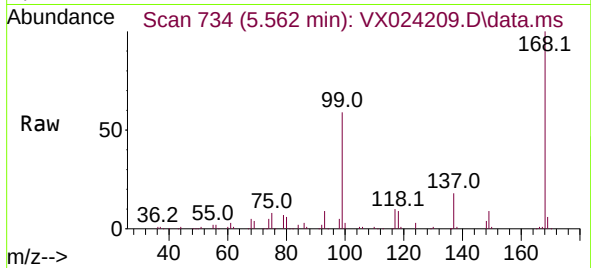




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024209.D
Acq: 14 Sep 2021 15:54

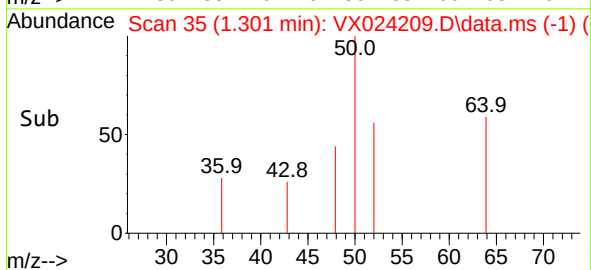
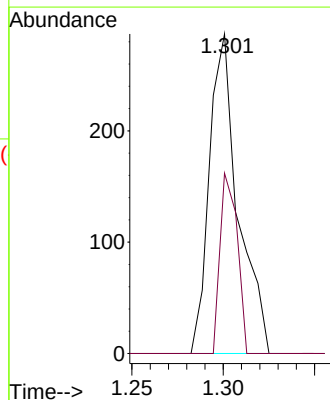
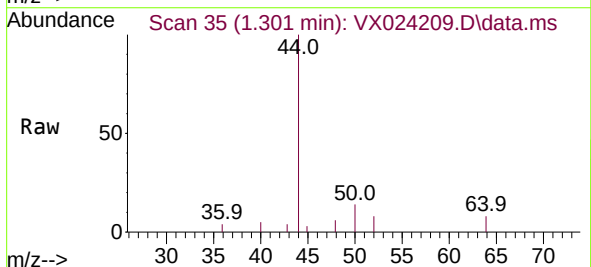
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210908

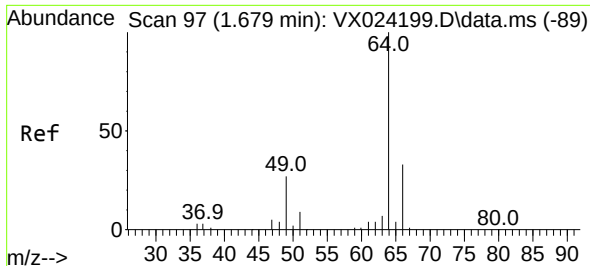
Tgt Ion:168 Resp: 144489
Ion Ratio Lower Upper
168 100
99 59.3 45.8 68.6



#3
Chloromethane
Concen: 0.216 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024209.D
Acq: 14 Sep 2021 15:54

Tgt Ion: 50 Resp: 313
Ion Ratio Lower Upper
50 100
52 56.4 26.4 39.6#

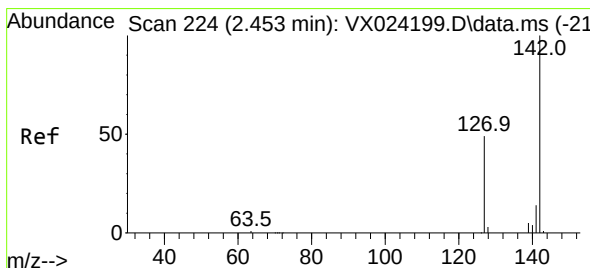
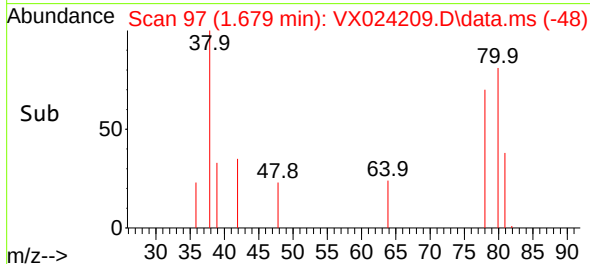
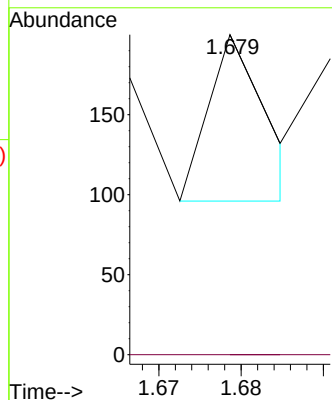
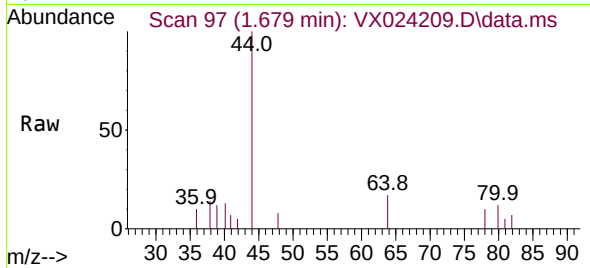




#6
Chloroethane
Concen: 2.045 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX024209.D
Acq: 14 Sep 2021 15:54

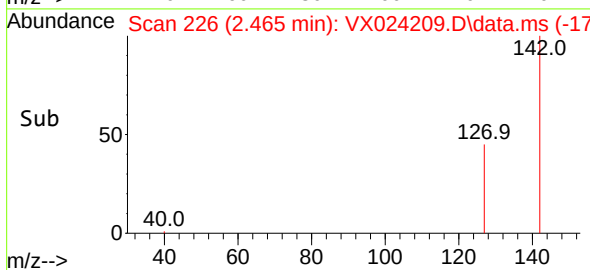
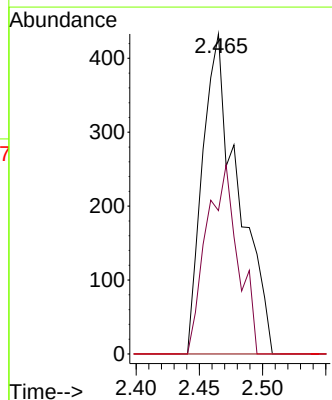
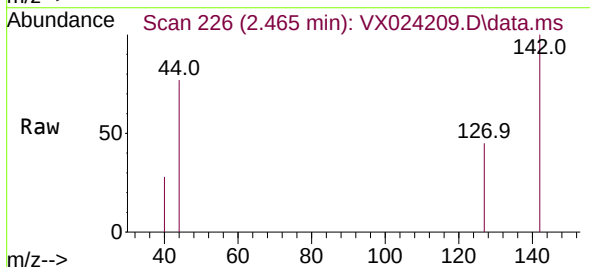
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210908

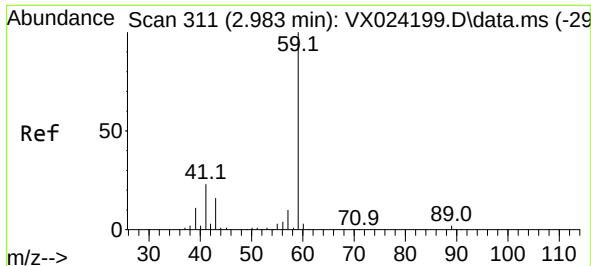
Tgt Ion: 64 Resp: 51
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.429 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024209.D
Acq: 14 Sep 2021 15:54

Tgt Ion: 142 Resp: 844
Ion Ratio Lower Upper
142 100
127 52.8 33.3 49.9#
141 0.0 11.4 17.0#

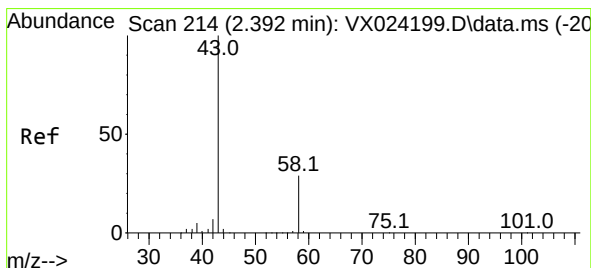
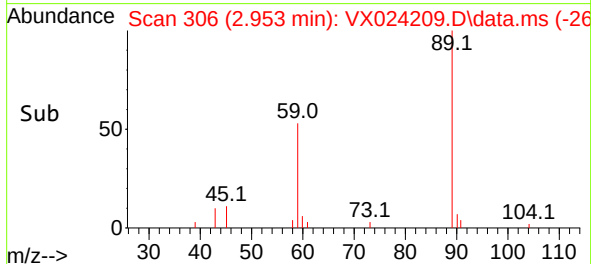
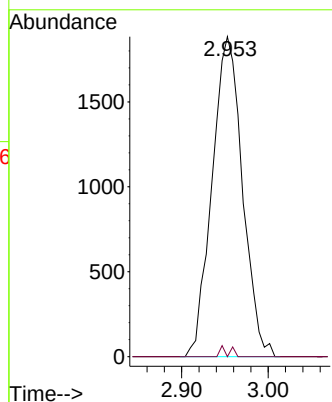
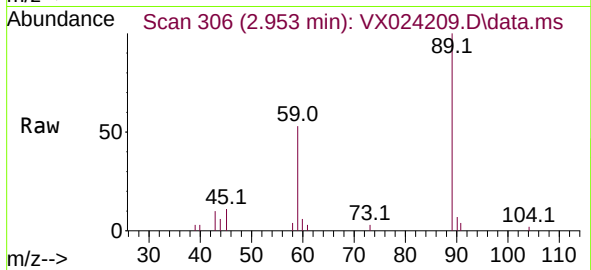




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024209.D
Acq: 14 Sep 2021 15:54

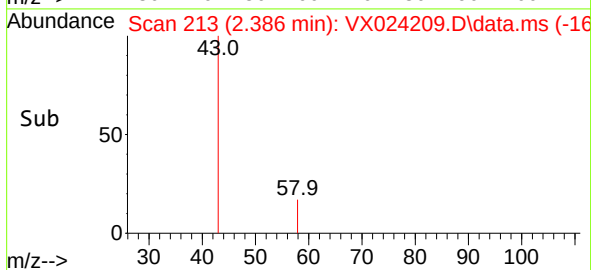
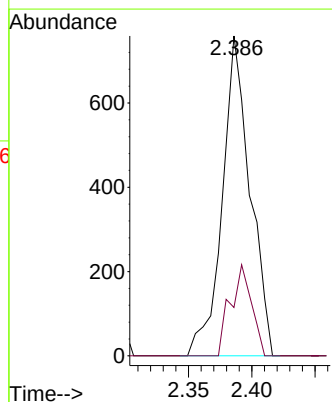
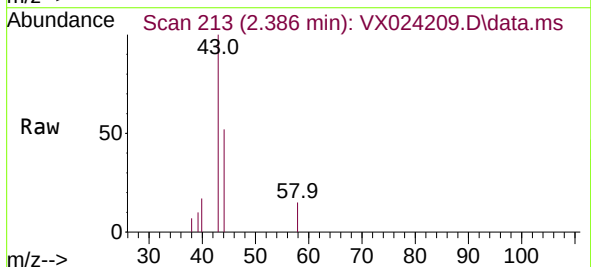
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210908

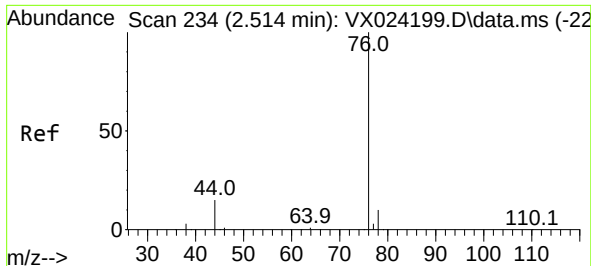
Tgt Ion: 59 Resp: 4590
Ion Ratio Lower Upper
59 100
57 1.0 7.8 11.8#



#16
Acetone
Concen: 1.316 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024209.D
Acq: 14 Sep 2021 15:54

Tgt Ion: 43 Resp: 1156
Ion Ratio Lower Upper
43 100
58 15.2 27.8 41.8#

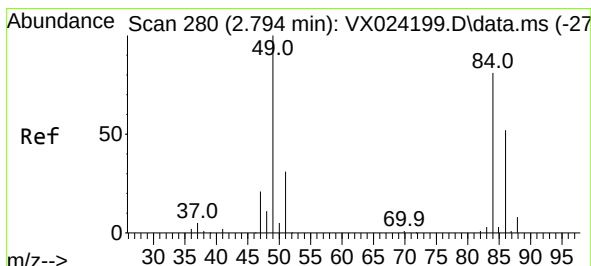
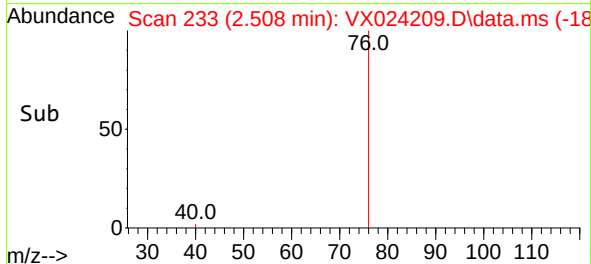
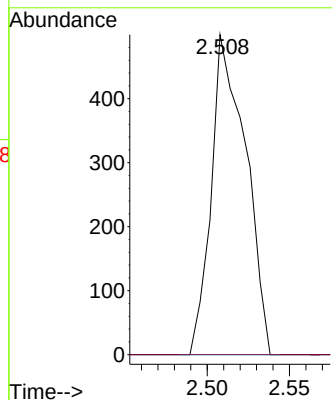
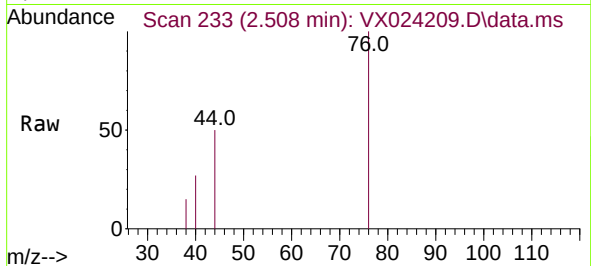




#17
Carbon Disulfide
Concen: 0.217 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024209.D
Acq: 14 Sep 2021 15:54

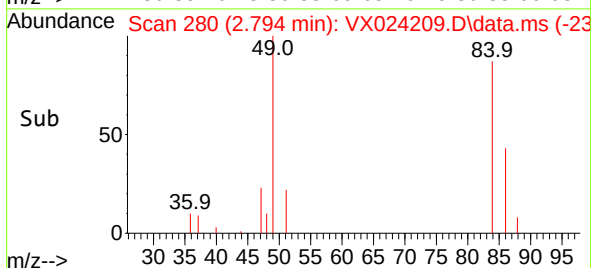
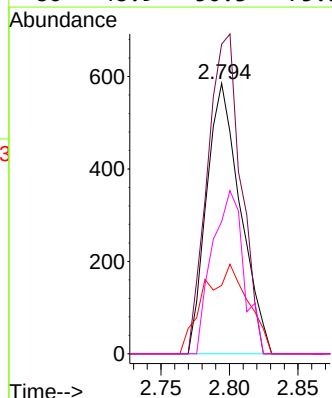
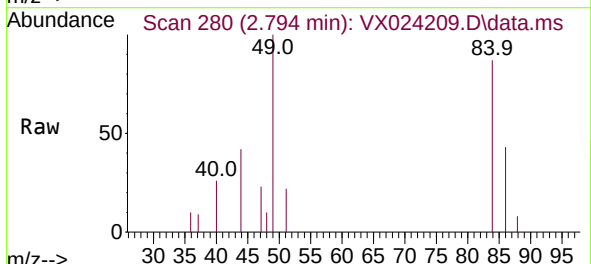
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210908

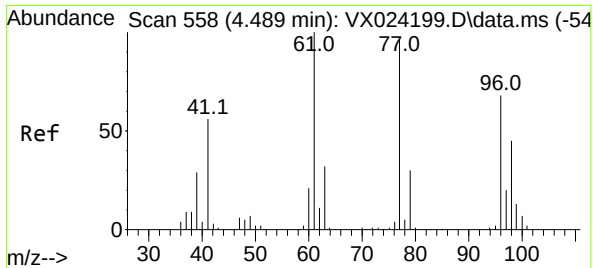
Tgt Ion: 76 Resp: 726
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.597 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024209.D
Acq: 14 Sep 2021 15:54

Tgt Ion: 84 Resp: 1007
Ion Ratio Lower Upper
84 100
49 114.5 88.6 132.8
51 25.3 27.0 40.6#
86 48.9 50.3 75.5#





#26

2,2-Dichloropropane

Concen: 0.259 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.098 min

Lab File: VX024209.D

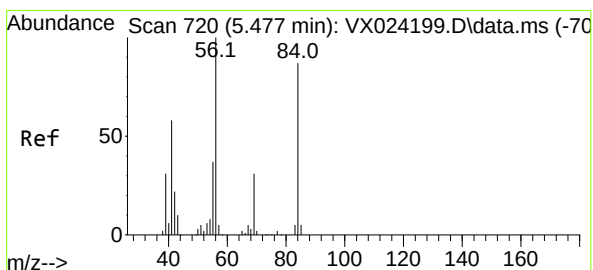
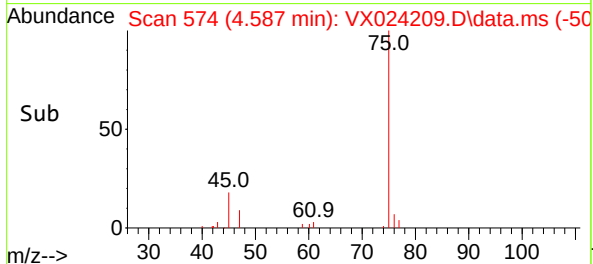
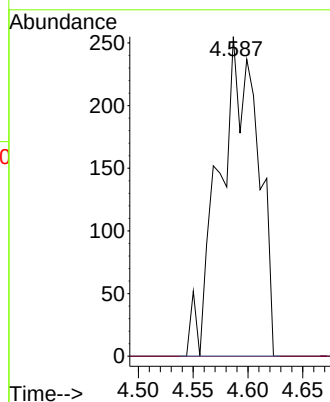
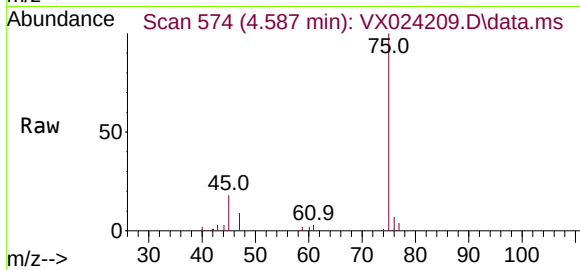
Acq: 14 Sep 2021 15:54

Tgt Ion: 77 Resp: 632

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.1#



#31

Cyclohexane

Concen: 1.334 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.091 min

Lab File: VX024209.D

Acq: 14 Sep 2021 15:54

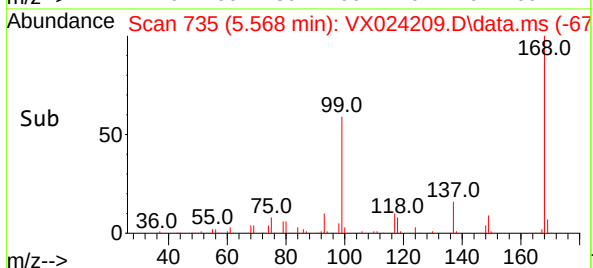
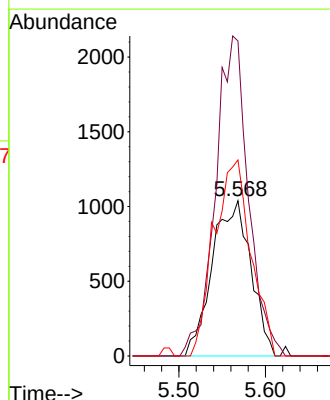
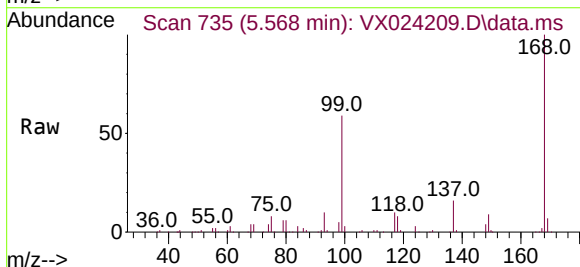
Tgt Ion: 56 Resp: 3215

Ion Ratio Lower Upper

56 100

69 202.9 25.3 37.9#

84 126.3 71.4 107.0#

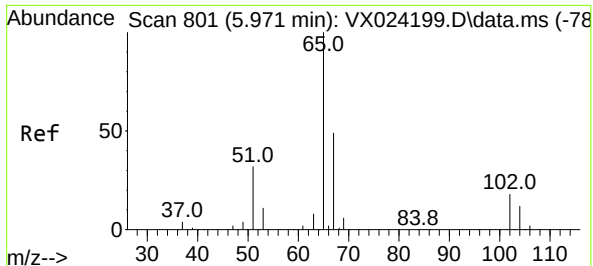


Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW7-TB-20210908



#33

1,2-Dichloroethane-d4

Concen: 50.420 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX024209.D

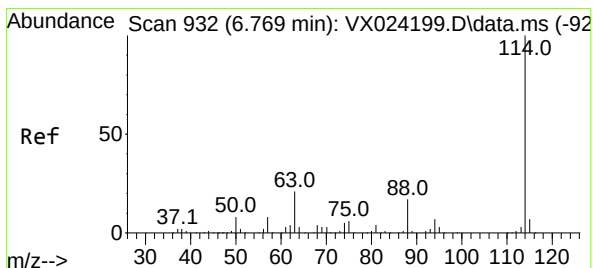
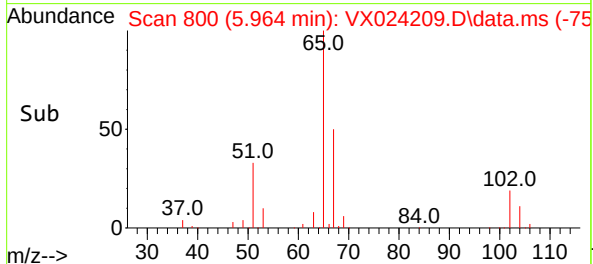
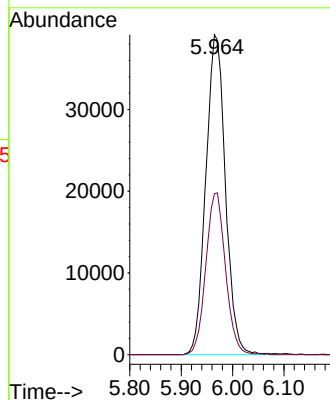
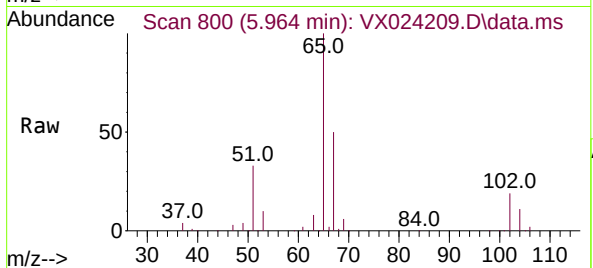
Acq: 14 Sep 2021 15:54

Tgt Ion: 65 Resp: 103883

Ion Ratio Lower Upper

65 100

67 50.7 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: VX024209.D

Acq: 14 Sep 2021 15:54

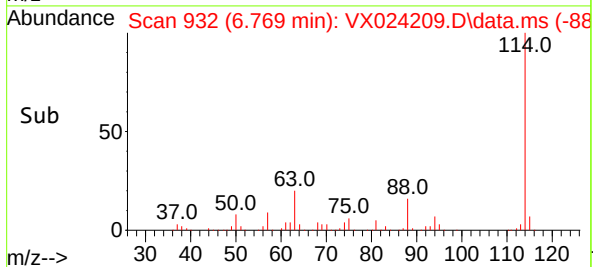
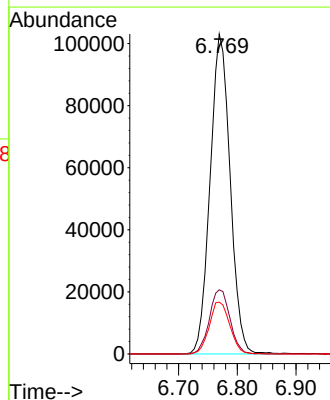
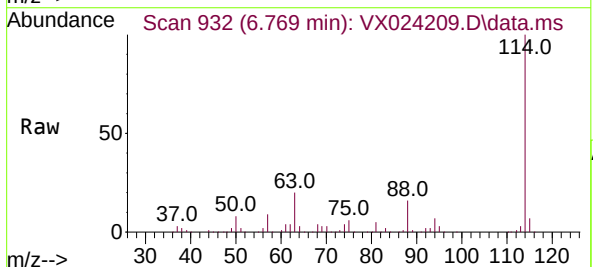
Tgt Ion: 114 Resp: 243967

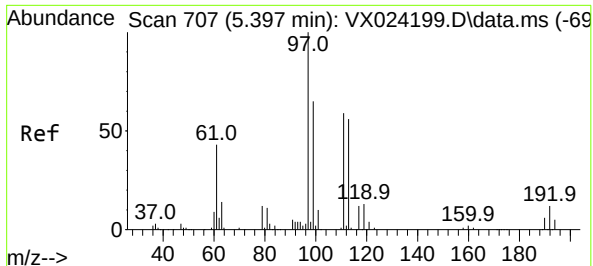
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 16.2 0.0 32.8

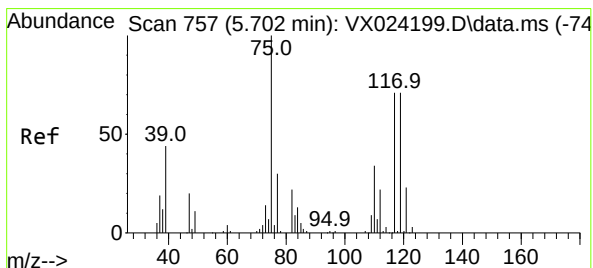
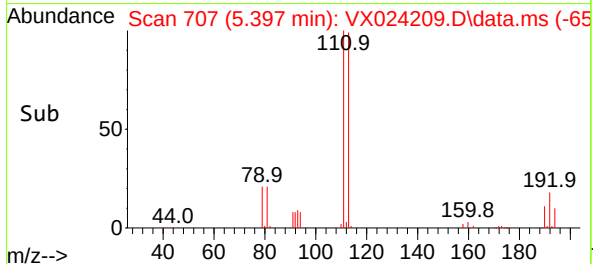
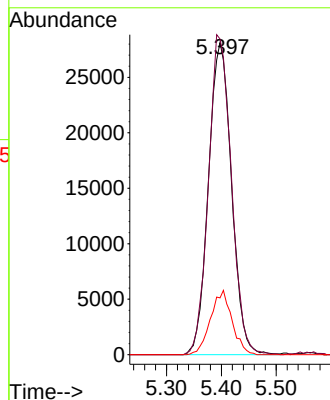
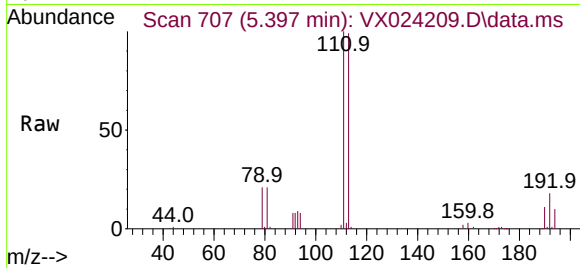




#35
Dibromofluoromethane
Concen: 50.238 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024209.D
Acq: 14 Sep 2021 15:54

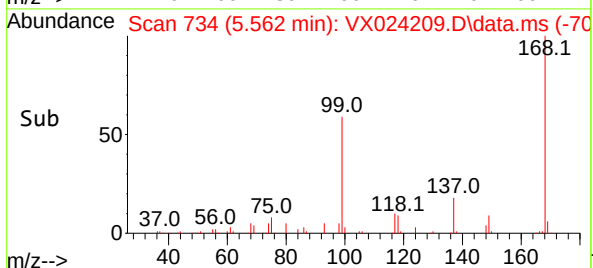
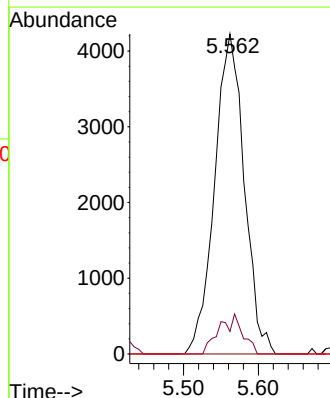
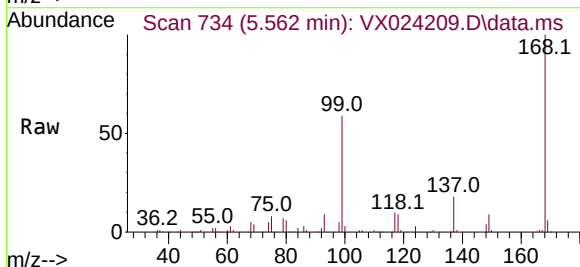
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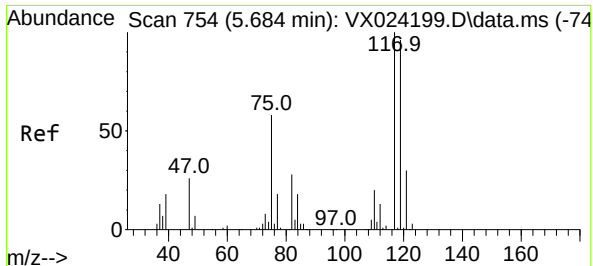
Tgt Ion:	113	Resp:	82197
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	19.2	16.7	25.1



#36
1,1-Dichloropropene
Concen: 5.197 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024209.D
Acq: 14 Sep 2021 15:54

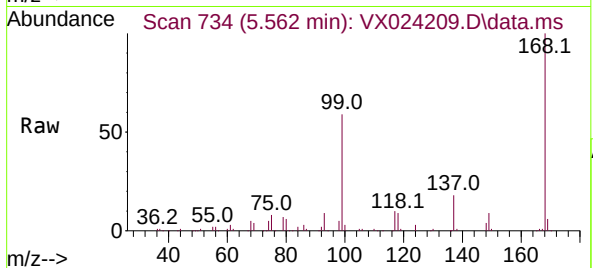
Tgt Ion:	75	Resp:	11658
Ion	Ratio	Lower	Upper
75	100		
110	5.4	18.1	54.4#
77	0.0	25.3	37.9#



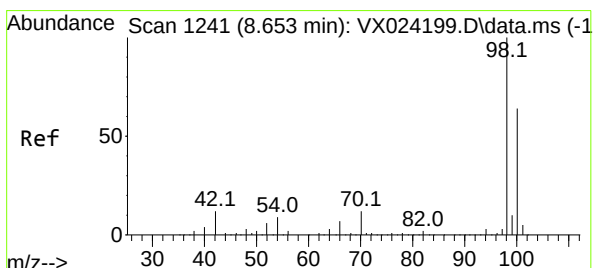
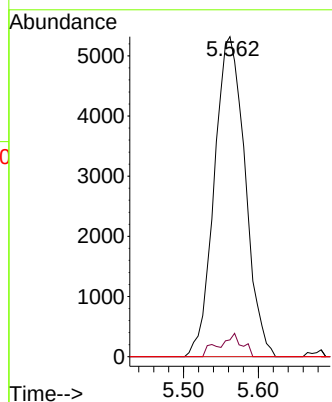
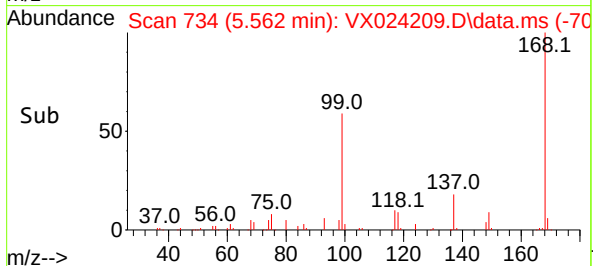


#38
Carbon Tetrachloride
Concen: 6.027 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024209.D
Acq: 14 Sep 2021 15:54

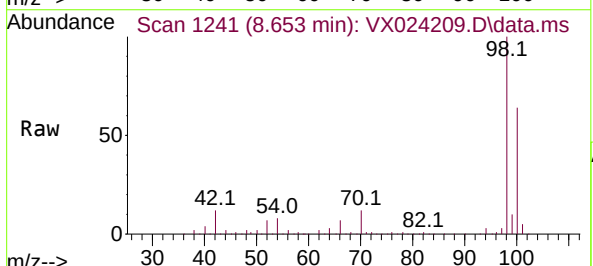
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210908



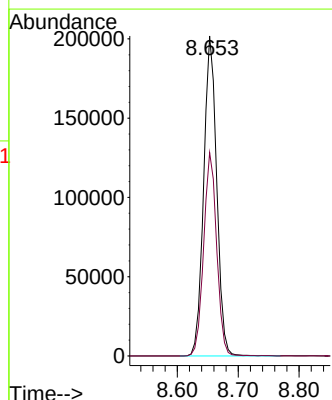
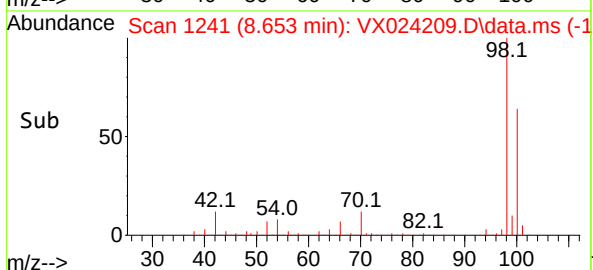
Tgt Ion:117 Resp: 15217
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

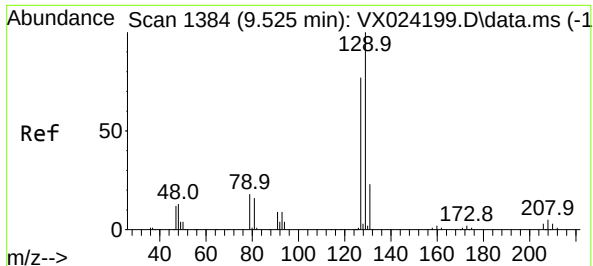


#50
Toluene-d8
Concen: 50.414 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024209.D
Acq: 14 Sep 2021 15:54



Tgt Ion: 98 Resp: 300489
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9

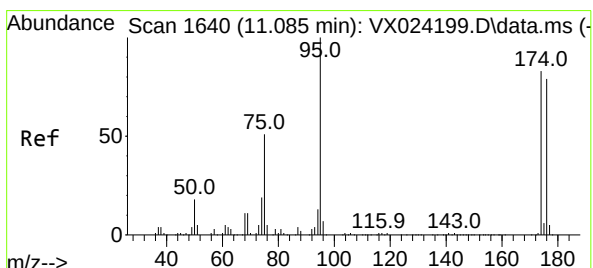
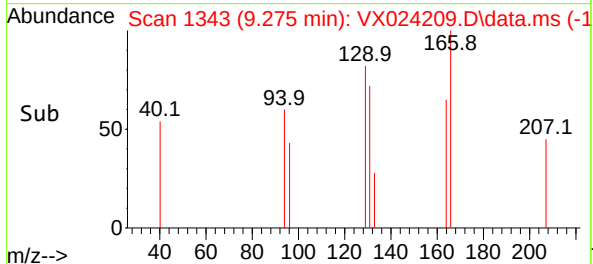
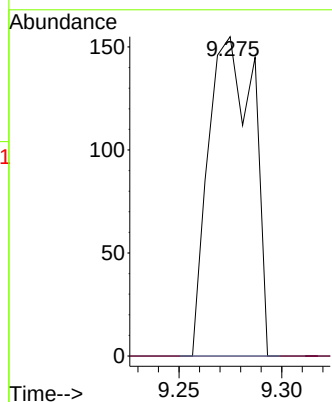
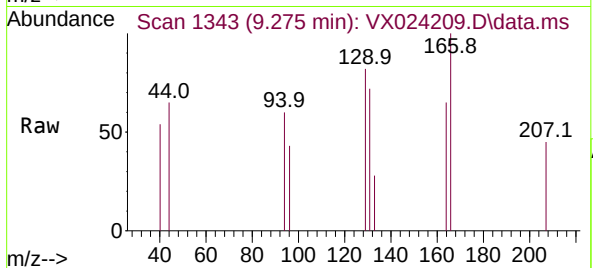




#60
Dibromochloromethane
Concen: 1.838 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024209.D
Acq: 14 Sep 2021 15:54

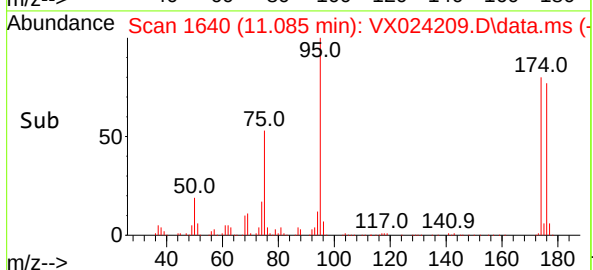
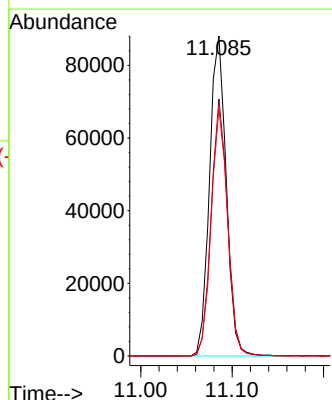
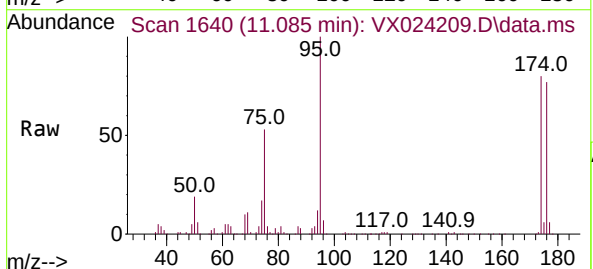
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210908

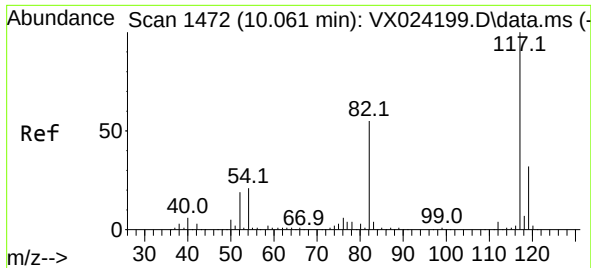
Tgt Ion:129 Resp: 235
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 48.113 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024209.D
Acq: 14 Sep 2021 15:54

Tgt Ion: 95 Resp: 111602
Ion Ratio Lower Upper
95 100
174 78.7 0.0 154.6
176 75.9 0.0 155.8

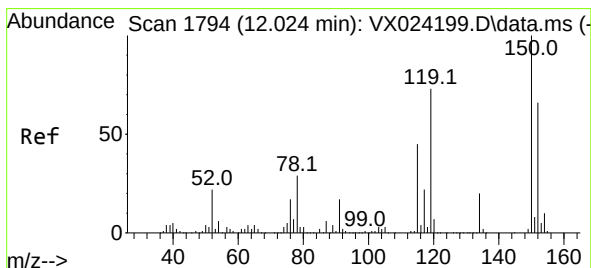
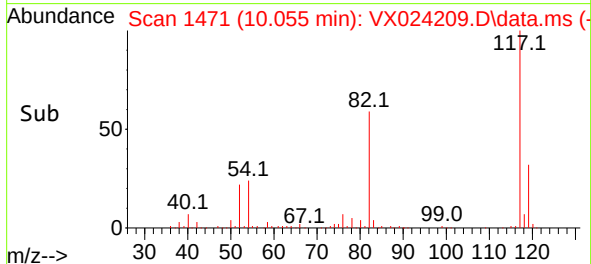
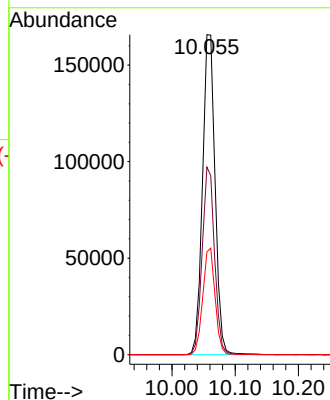
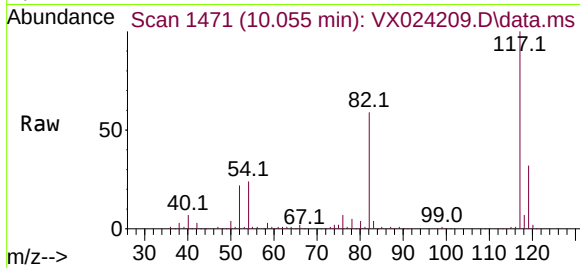




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024209.D
Acq: 14 Sep 2021 15:54

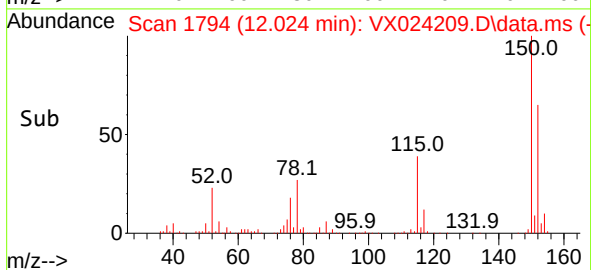
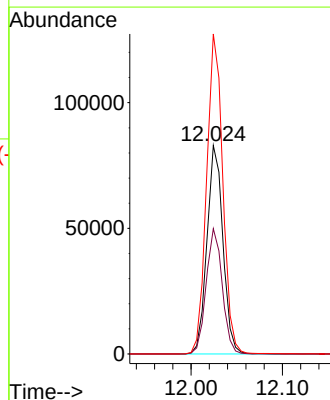
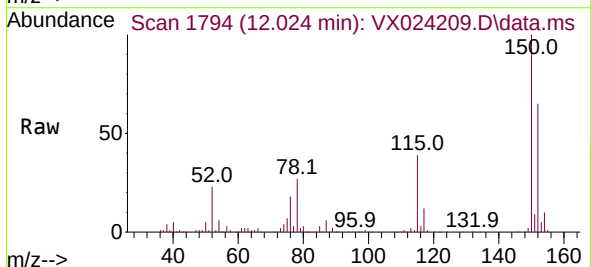
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210908

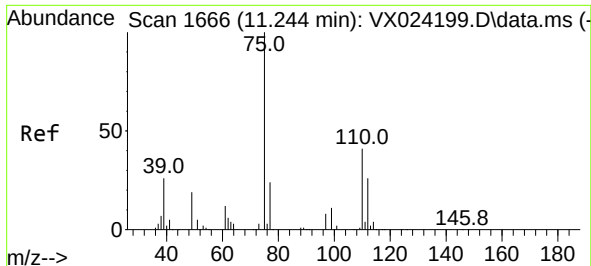
Tgt Ion:117 Resp: 229854
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024209.D
Acq: 14 Sep 2021 15:54

Tgt Ion:152 Resp: 100357
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 155.4 0.0 349.0

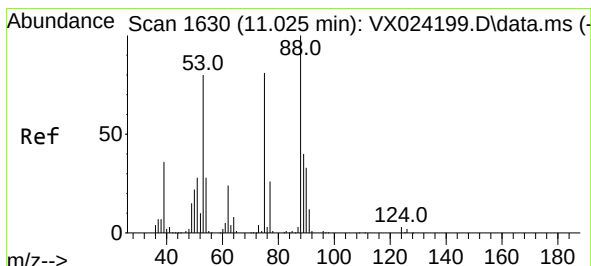
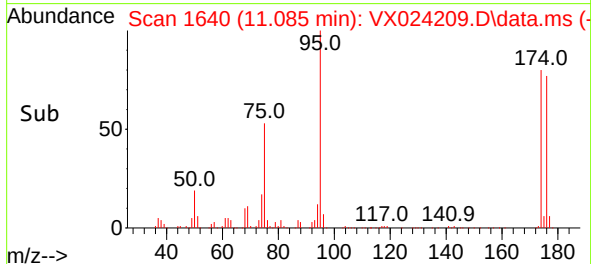
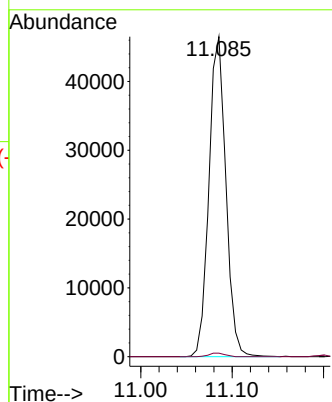
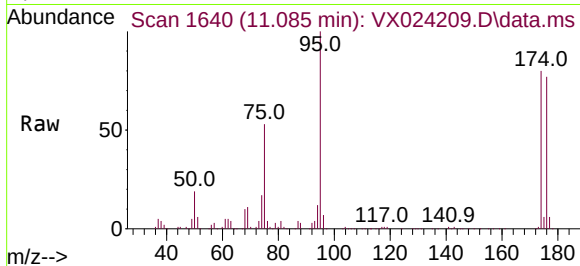




#76
1,2,3-Trichloropropane
Concen: 25.872 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024209.D
Acq: 14 Sep 2021 15:54

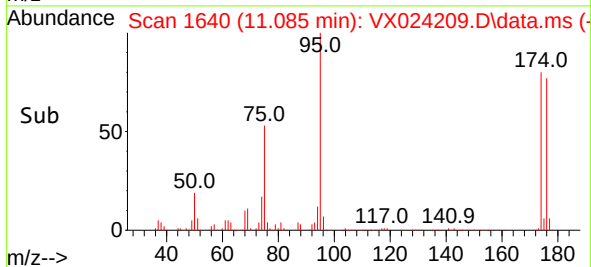
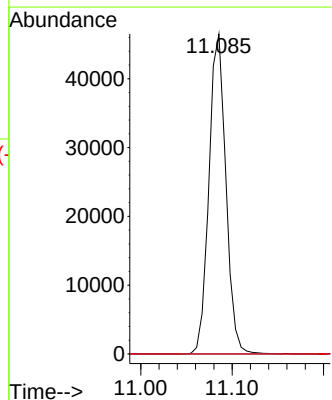
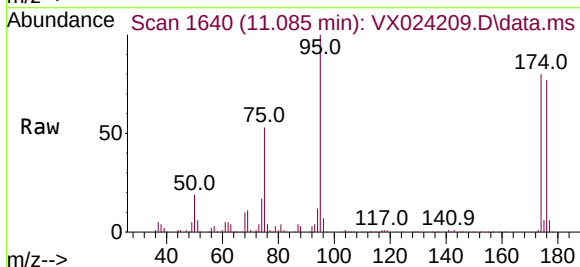
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210908

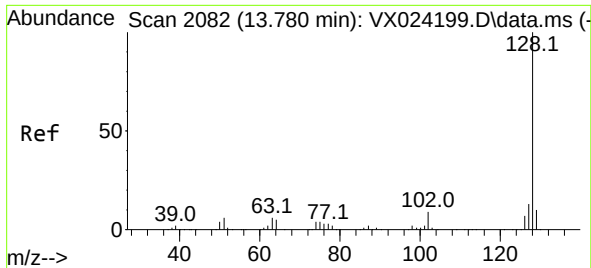
Tgt Ion: 75 Resp: 59703
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.090 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024209.D
Acq: 14 Sep 2021 15:54

Tgt Ion: 75 Resp: 59703
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.366 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024209.D
Acq: 14 Sep 2021 15:54

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210908

Tgt Ion:128 Resp: 583
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

