

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090221\
 Data File : VX024079.D
 Acq On : 02 Sep 2021 18:45
 Operator : JC/MD
 Sample : M3620-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-680-682

Quant Time: Sep 03 05:40:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

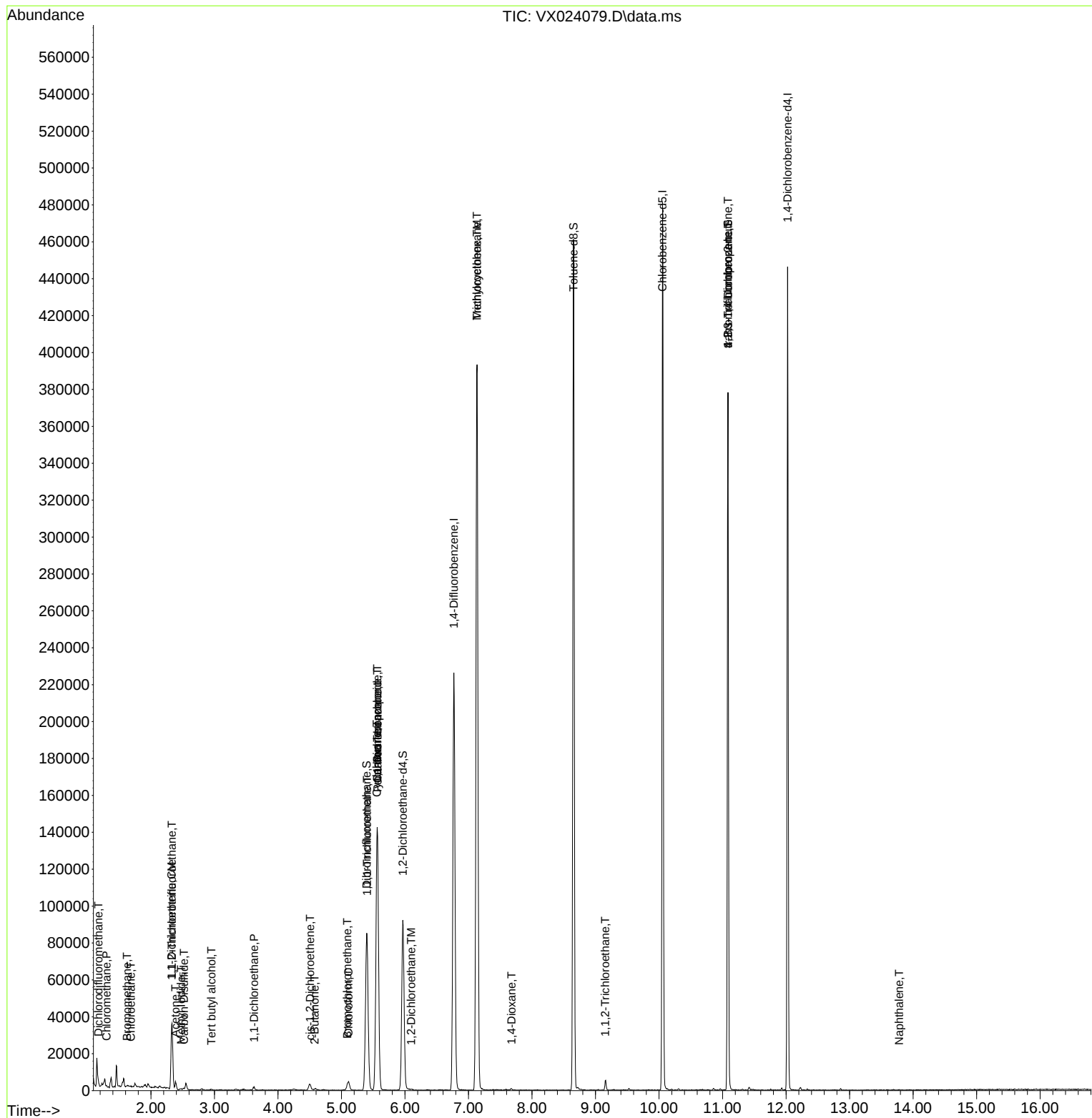
Internal Standards						
1) Pentafluorobenzene	5.568	168	134017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	222589	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	91807	49.083	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.160%
35) Dibromofluoromethane	5.397	113	71354	48.433	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.860%
50) Toluene-d8	8.653	98	263185	46.936	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.880%
62) 4-Bromofluorobenzene	11.085	95	93480	45.286	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.580%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	956	0.676	ug/l	89
3) Chloromethane	1.301	50	351	0.226	ug/l #	84
5) Bromomethane	1.624	94	431	0.453	ug/l	93
6) Chloroethane	1.685	64	60	2.263	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	8805	6.545	ug/l	95
10) Methyl Iodide	2.477	142	856	0.457	ug/l #	92
11) Tert butyl alcohol	2.953	59	334	0.883	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	5784	4.497	ug/l	95
16) Acetone	2.386	43	4413	5.277	ug/l #	82
17) Carbon Disulfide	2.520	76	1097	0.358	ug/l #	95
24) 1,1-Dichloroethane	3.623	63	1841	0.701	ug/l #	81
25) 2-Butanone	4.574	43	491	0.388	ug/l #	45
27) cis-1,2-Dichloroethene	4.507	96	2067	1.264	ug/l	93
28) Bromochloromethane	5.093	49	281	0.235	ug/l #	9
30) Chloroform	5.111	83	5465	1.964	ug/l	99
31) Cyclohexane	5.556	56	3284	1.367	ug/l #	12
32) 1,1,1-Trichloroethane	5.404	97	1100	0.462	ug/l #	49
36) 1,1-Dichloropropene	5.562	75	10924	5.299	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14020	6.522	ug/l #	16
39) Methylcyclohexane	7.135	83	1885	0.751	ug/l #	1
42) 1,2-Dichloroethane	6.099	62	615	0.257	ug/l #	73
44) Trichloroethene	7.135	130	149336	88.691	ug/l	96
49) 1,4-Dioxane	7.678	88	574	14.047	ug/l #	78
55) 1,1,2-Trichloroethane	9.153	97	1366	0.840	ug/l #	90
76) 1,2,3-Trichloropropane	11.085	75	50271	24.437	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	50271	71.883	ug/l #	12
95) Naphthalene	13.780	128	283	1.325	ug/l #	69

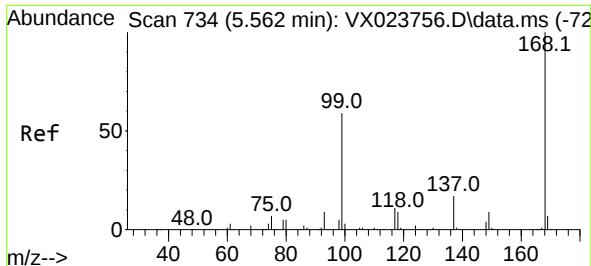
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX00221\
Data File : VX024079.D
Acq On : 02 Sep 2021 18:45
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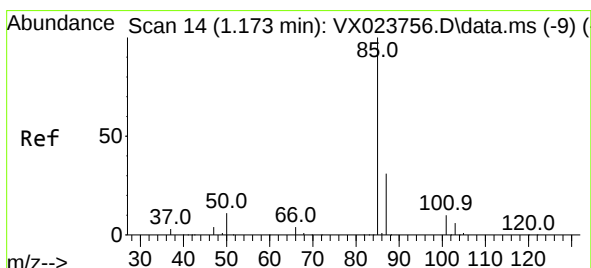
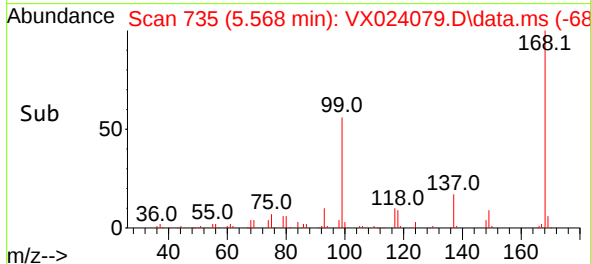
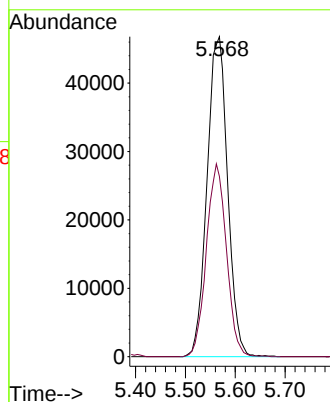
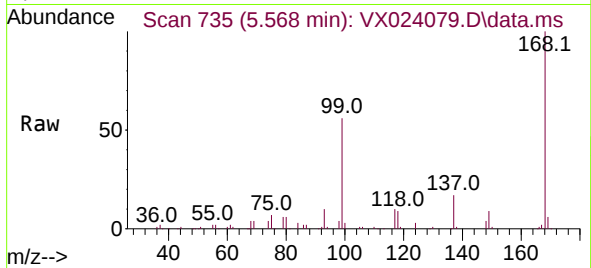




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

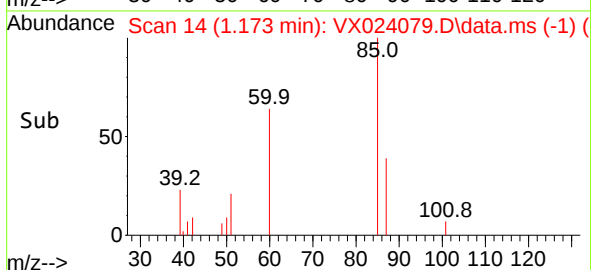
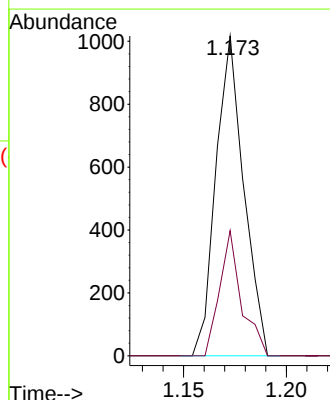
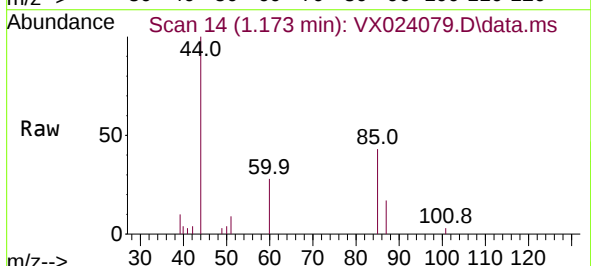
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-680-682

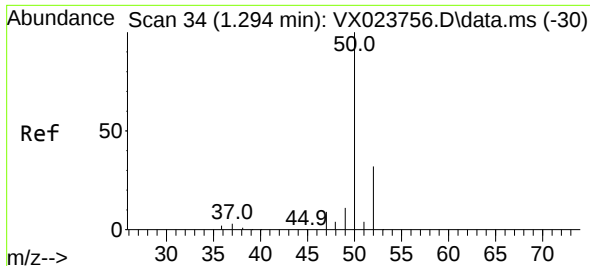
Tgt Ion:168 Resp: 134017
Ion Ratio Lower Upper
168 100
99 56.3 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.676 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

Tgt Ion: 85 Resp: 956
Ion Ratio Lower Upper
85 100
87 39.1 16.4 49.2

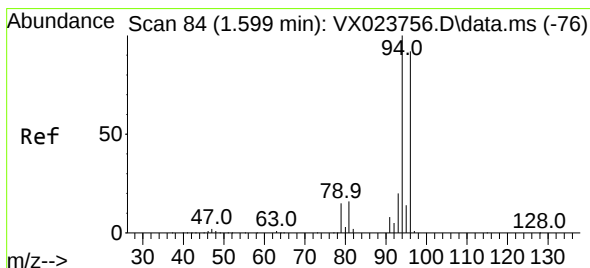
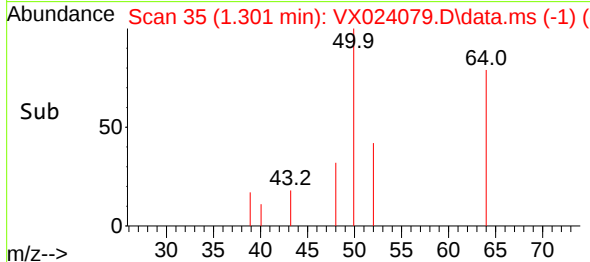
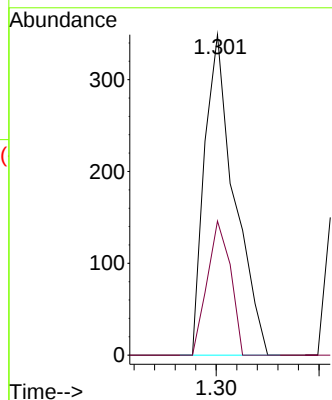
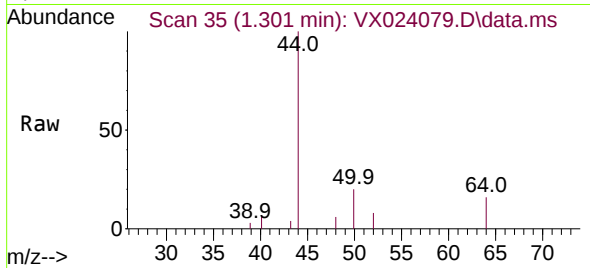




#3
Chloromethane
Concen: 0.226 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

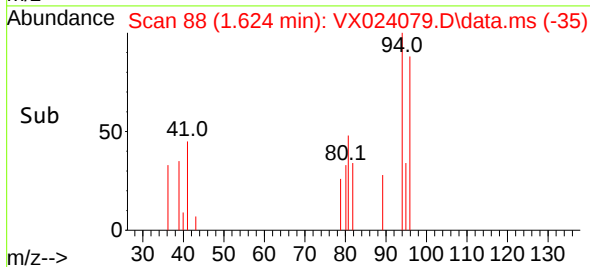
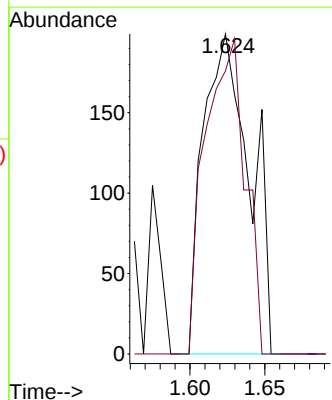
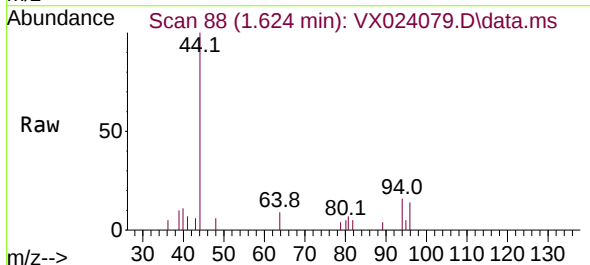
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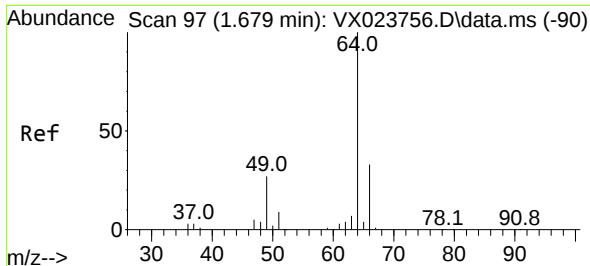
Tgt Ion: 50 Resp: 351
Ion Ratio Lower Upper
50 100
52 41.8 26.4 39.6#



#5
Bromomethane
Concen: 0.453 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

Tgt Ion: 94 Resp: 431
Ion Ratio Lower Upper
94 100
96 88.4 76.4 114.6

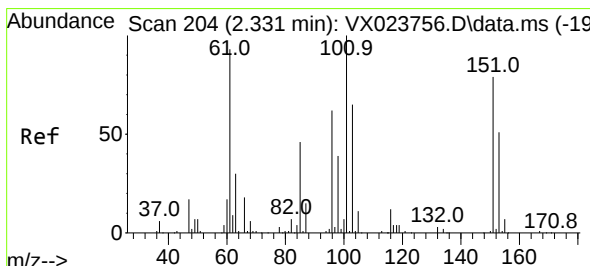
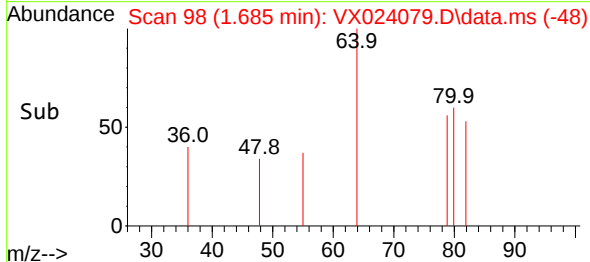
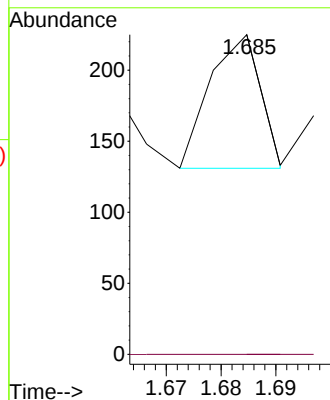
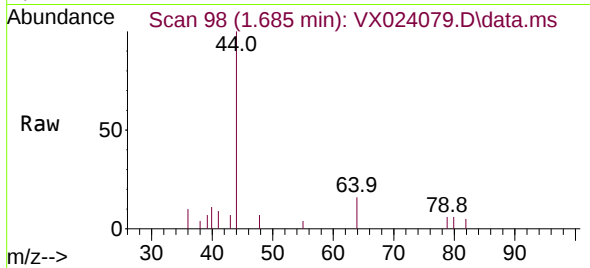




#6
Chloroethane
Concen: 2.263 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

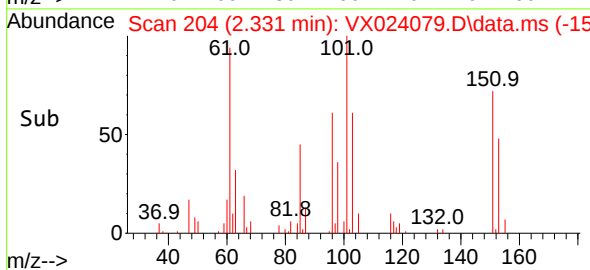
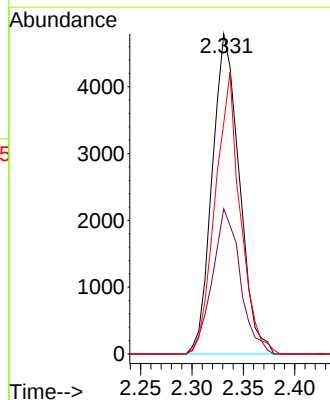
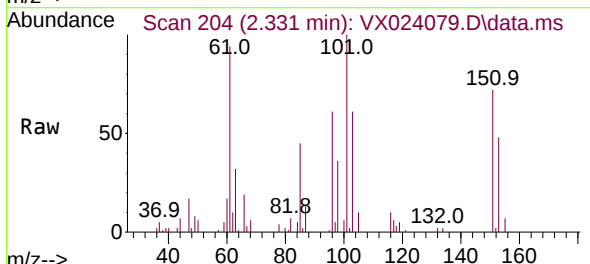
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-680-682

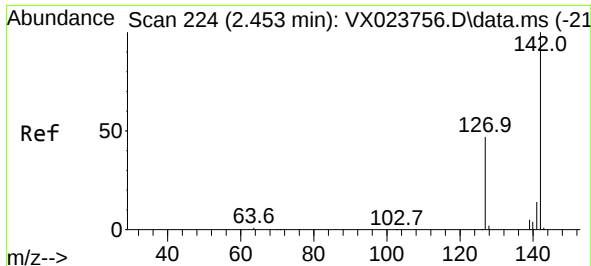
Tgt Ion: 64 Resp: 60
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.545 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

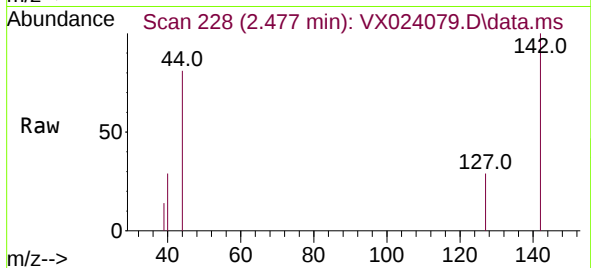
Tgt Ion: 101 Resp: 8805
Ion Ratio Lower Upper
101 100
85 46.3 34.9 52.3
151 80.9 61.4 92.2



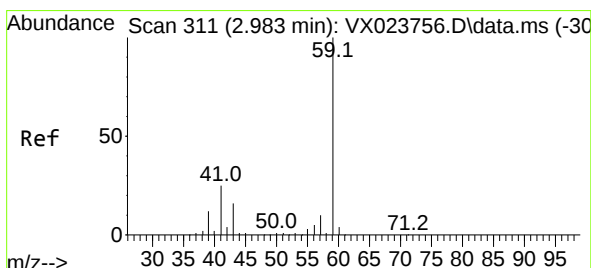
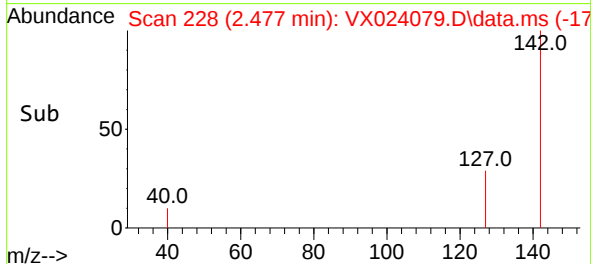
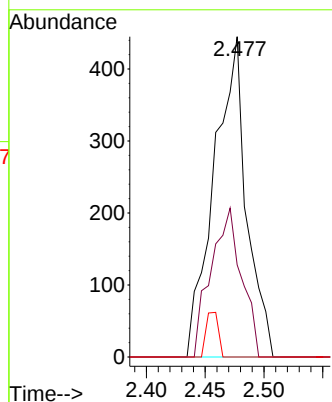


#10
Methyl Iodide
Concen: 0.457 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.024 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-680-682

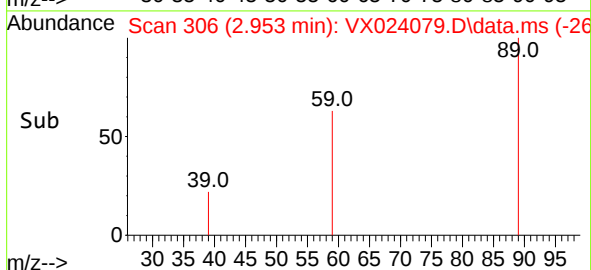
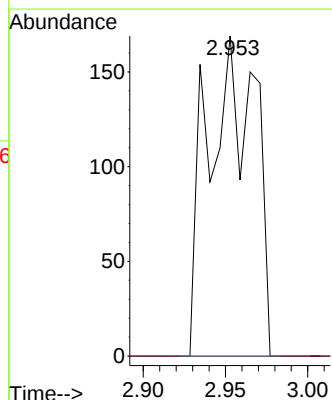
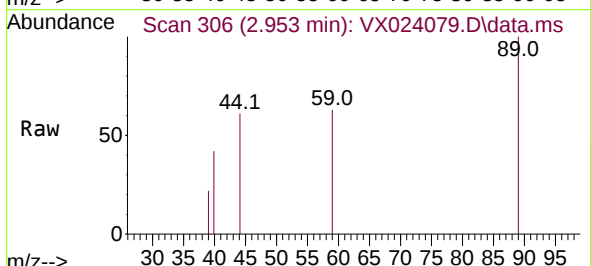


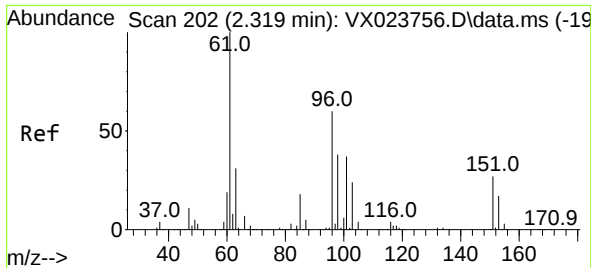
Tgt Ion:142 Resp: 856
Ion Ratio Lower Upper
142 100
127 43.8 33.3 49.9
141 5.3 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.883 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

Tgt Ion: 59 Resp: 334
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 4.497 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX024079.D

Acq: 02 Sep 2021 18:45

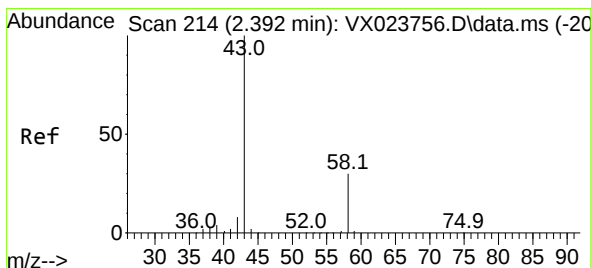
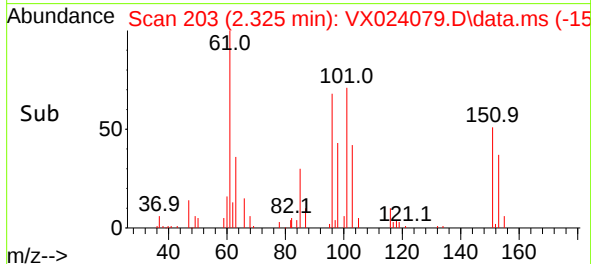
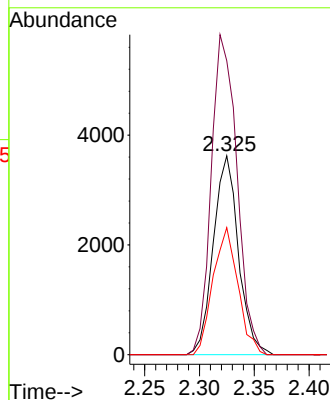
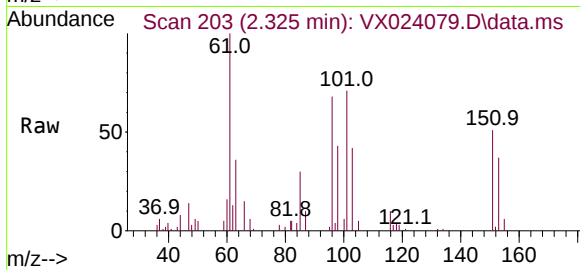
Tgt Ion: 96 Resp: 5784

Ion Ratio Lower Upper

96 100

61 147.8 124.6 187.0

98 63.9 50.6 76.0



#16

Acetone

Concen: 5.277 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX024079.D

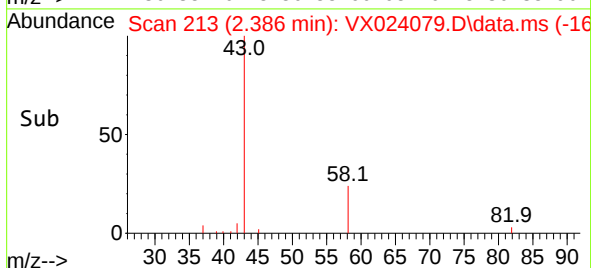
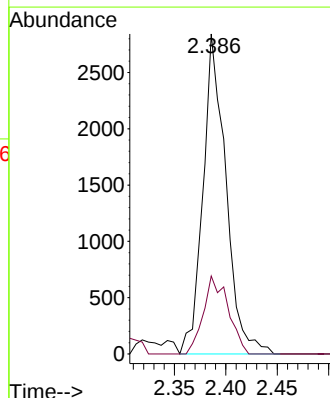
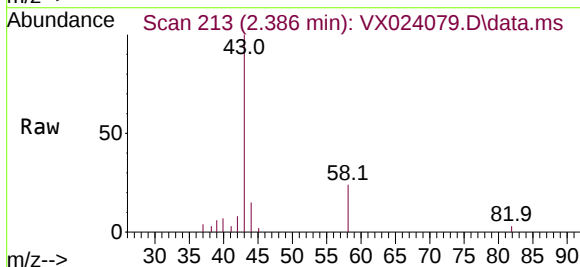
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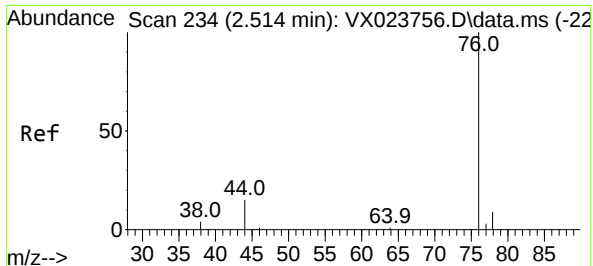
Tgt Ion: 43 Resp: 4413

Ion Ratio Lower Upper

43 100

58 24.3 27.8 41.8#

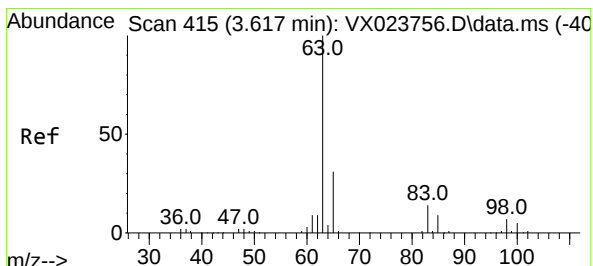
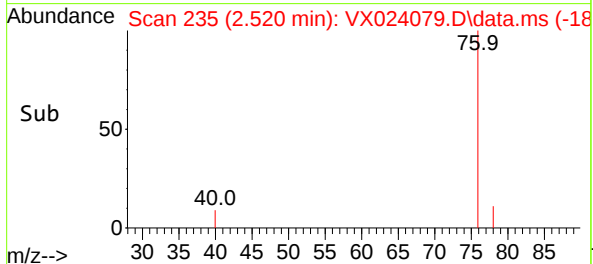
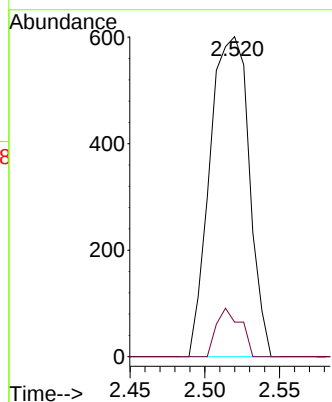
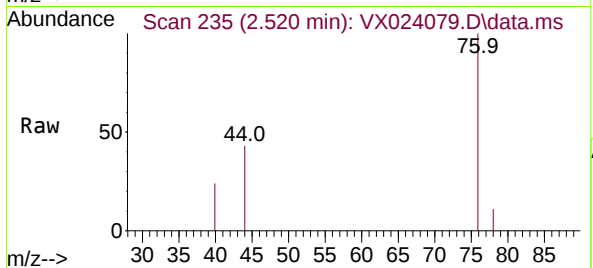




#17
Carbon Disulfide
Concen: 0.358 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

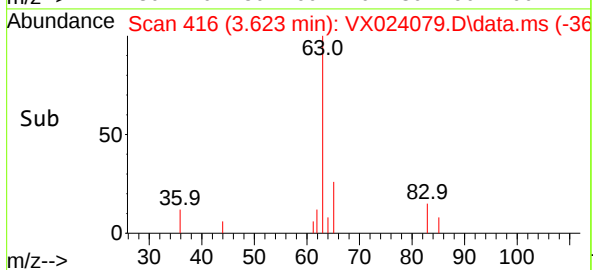
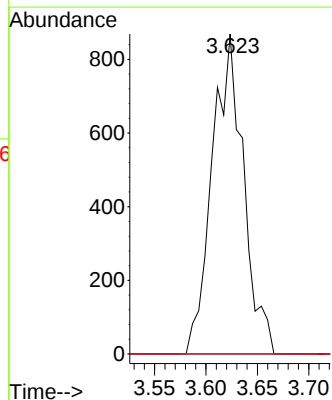
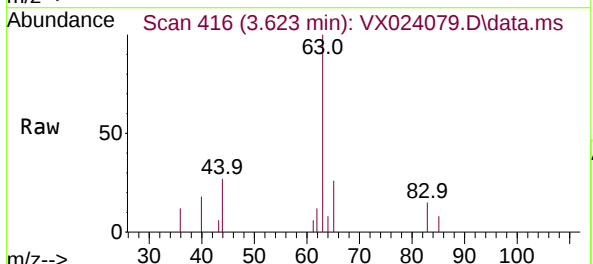
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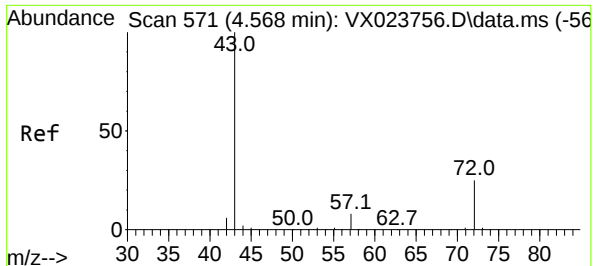
Tgt Ion: 76 Resp: 1097
Ion Ratio Lower Upper
76 100
78 10.8 7.2 10.8#



#24
1,1-Dichloroethane
Concen: 0.701 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.006 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

Tgt Ion: 63 Resp: 1841
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#





#25

2-Butanone

Concen: 0.388 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX024079.D

Acq: 02 Sep 2021 18:45

Tgt Ion: 43 Resp: 491

Ion Ratio Lower Upper

43 100

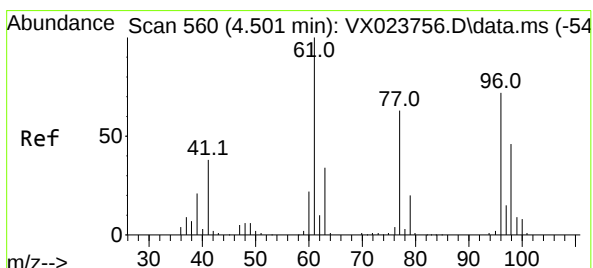
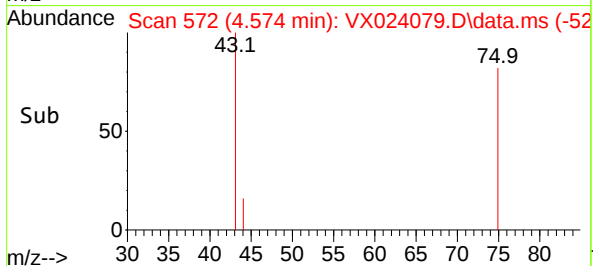
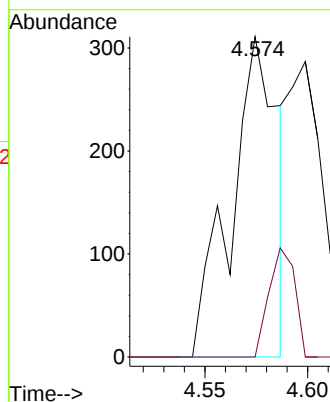
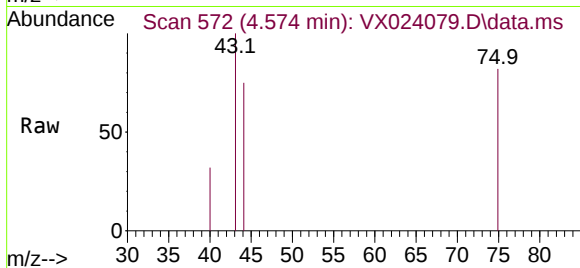
72 0.0 23.7 35.5#

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW7-GW-680-682



#27

cis-1,2-Dichloroethene

Concen: 1.264 ug/l

RT: 4.507 min Scan# 561

Delta R.T. 0.006 min

Lab File: VX024079.D

Acq: 02 Sep 2021 18:45

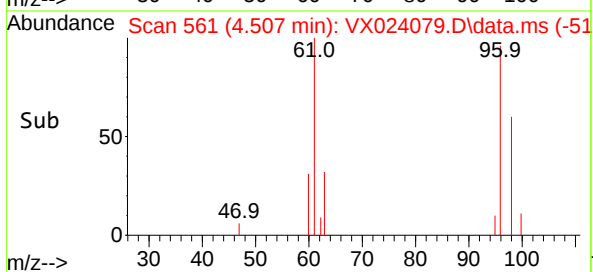
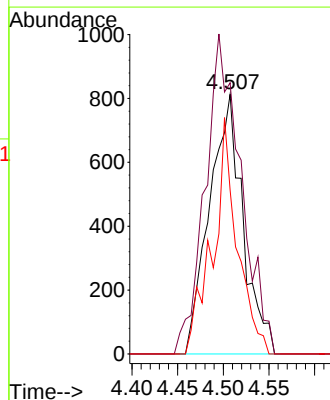
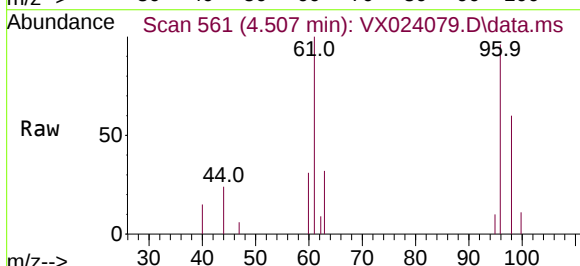
Tgt Ion: 96 Resp: 2067

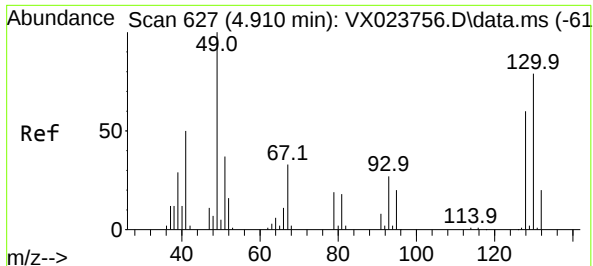
Ion Ratio Lower Upper

96 100

61 131.8 0.0 285.6

98 66.8 0.0 129.6

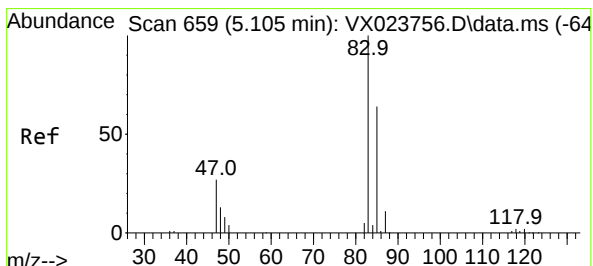
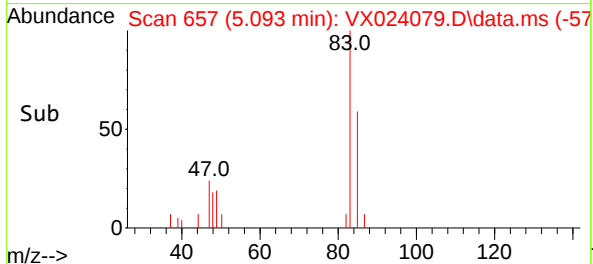
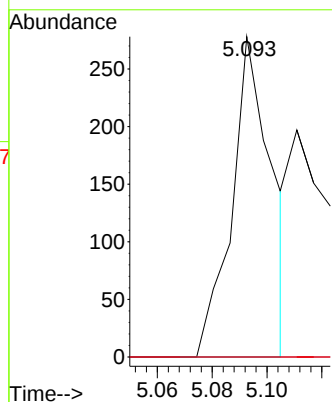
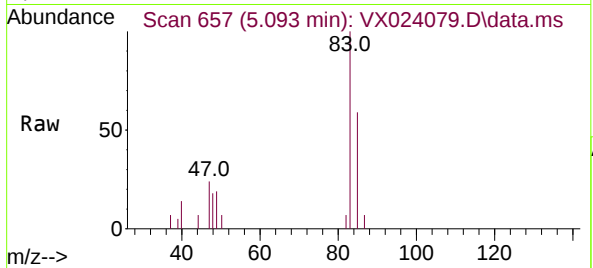




#28
Bromochloromethane
Concen: 0.235 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.183 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

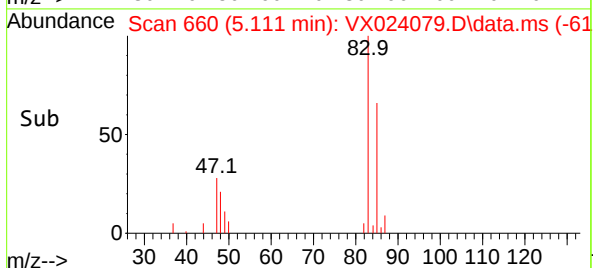
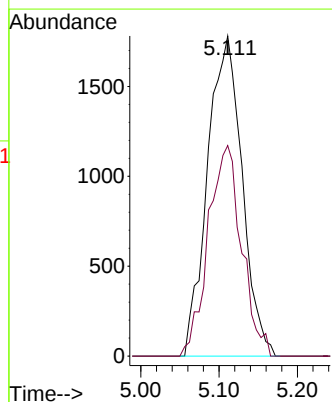
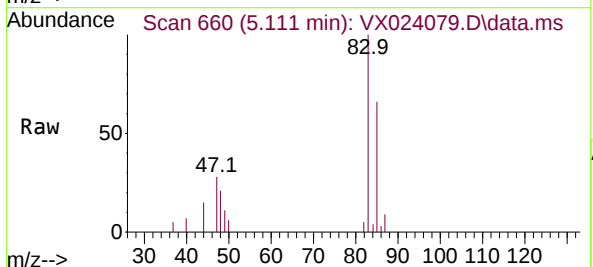
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-680-682

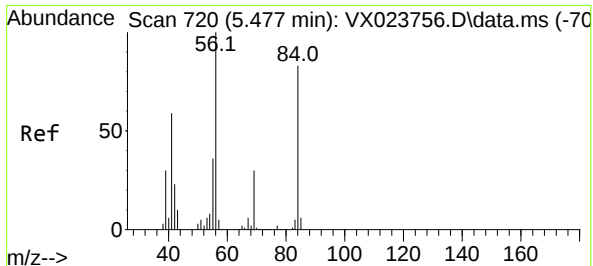
Tgt Ion: 49 Resp: 281
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#30
Chloroform
Concen: 1.964 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

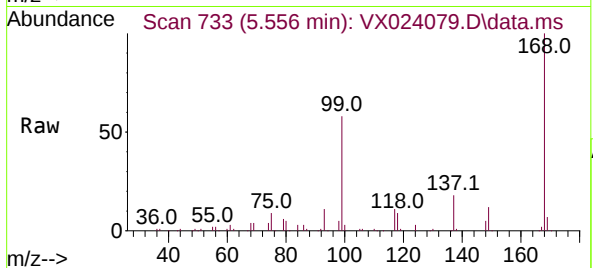
Tgt Ion: 83 Resp: 5465
Ion Ratio Lower Upper
83 100
85 65.7 52.0 78.0



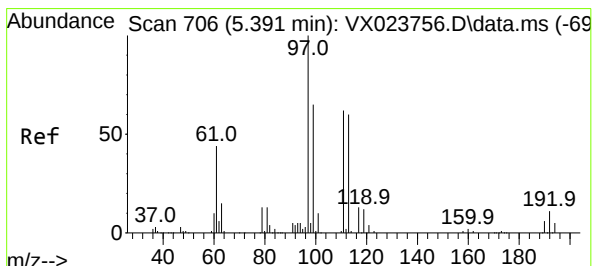
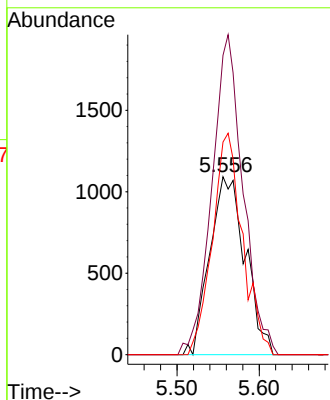
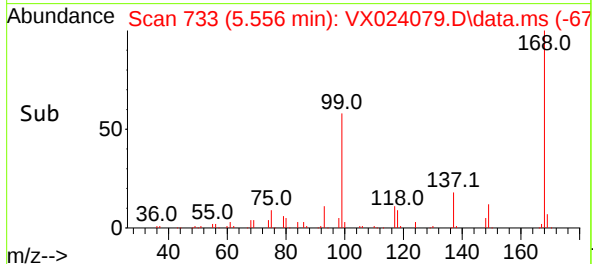


#31
Cyclohexane
Concen: 1.367 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

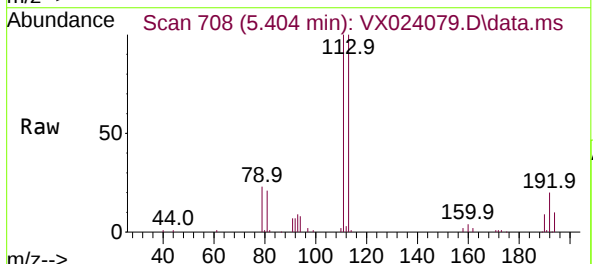
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-680-682



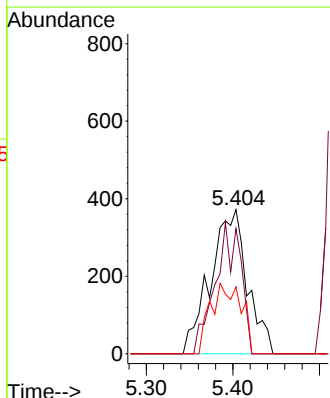
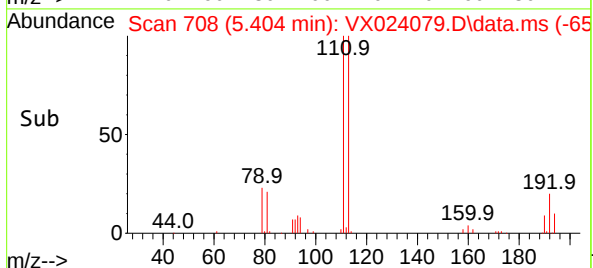
Tgt Ion: 56 Resp: 3284
Ion Ratio Lower Upper
56 100
69 168.2 25.3 37.9#
84 119.5 71.4 107.0#

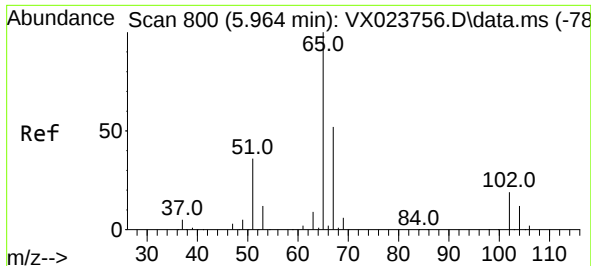


#32
1,1,1-Trichloroethane
Concen: 0.462 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.013 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45



Tgt Ion: 97 Resp: 1100
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 40.5 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 49.083 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024079.D

Acq: 02 Sep 2021 18:45

Tgt Ion: 65 Resp: 91807

Ion Ratio Lower Upper

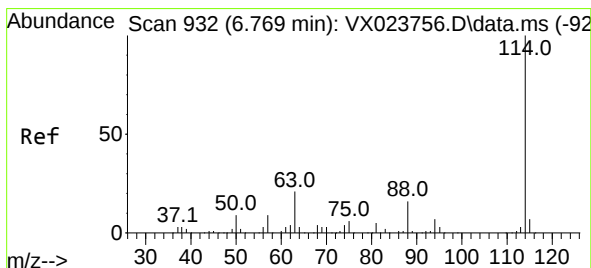
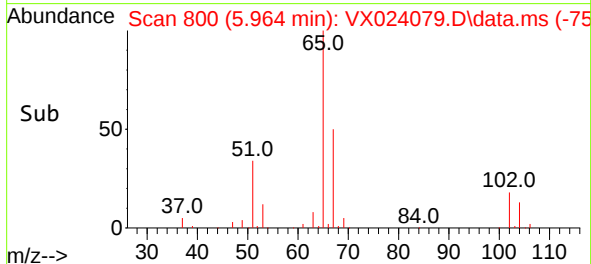
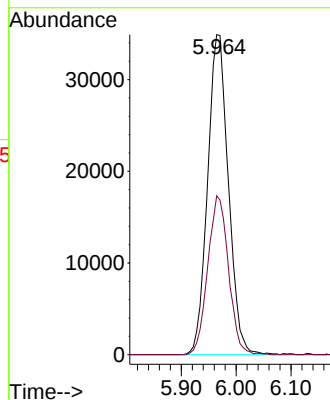
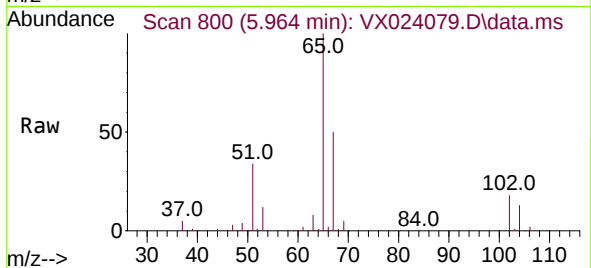
65	100		
67	49.5	0.0	105.4

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW7-GW-680-682



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

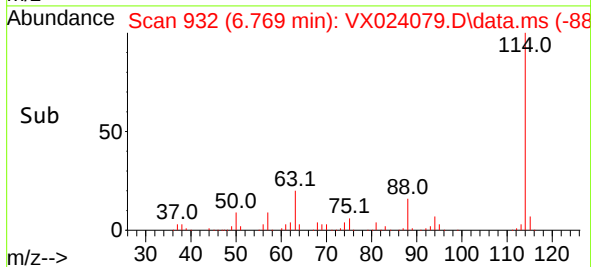
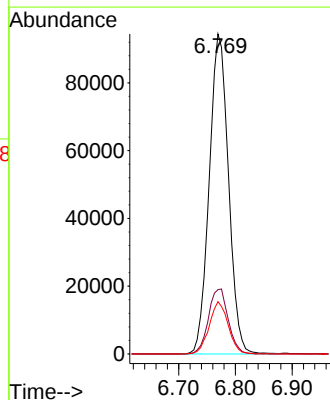
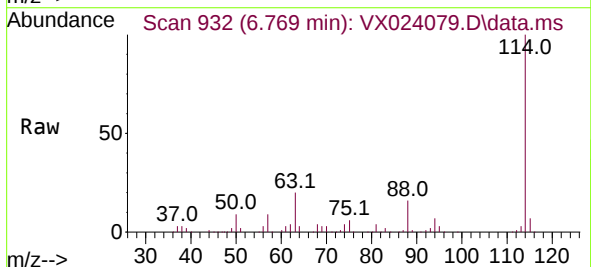
Lab File: VX024079.D

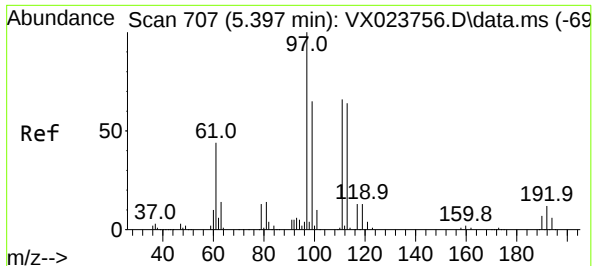
Acq: 02 Sep 2021 18:45

Tgt Ion: 114 Resp: 222589

Ion Ratio Lower Upper

114	100		
63	20.1	0.0	40.8
88	16.4	0.0	32.8





#35

Dibromofluoromethane

Concen: 48.433 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024079.D

Acq: 02 Sep 2021 18:45

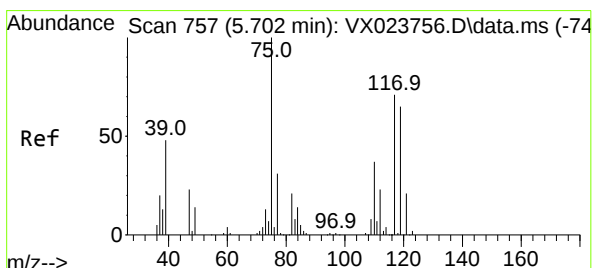
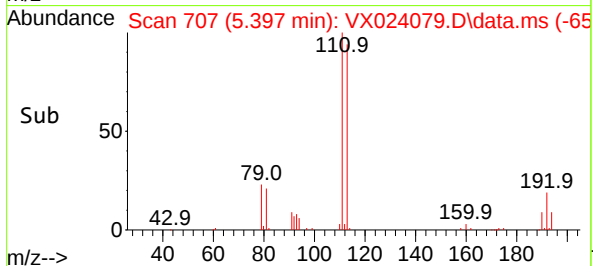
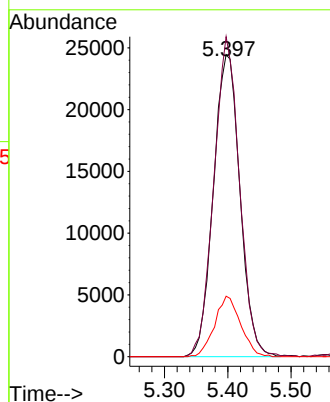
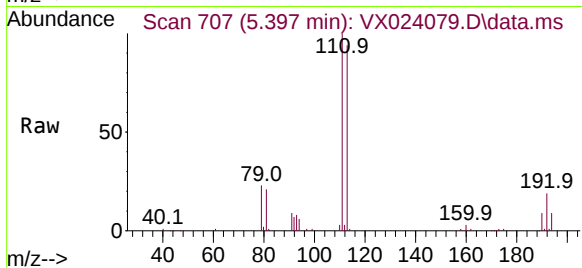
Tgt Ion:113 Resp: 71354

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

192 19.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.299 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024079.D

Acq: 02 Sep 2021 18:45

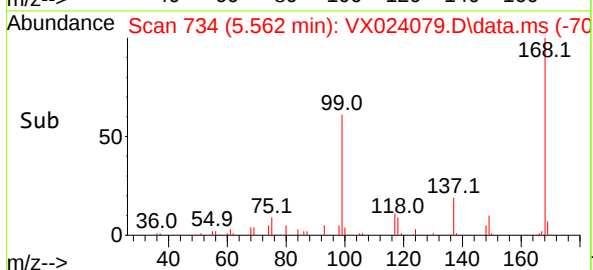
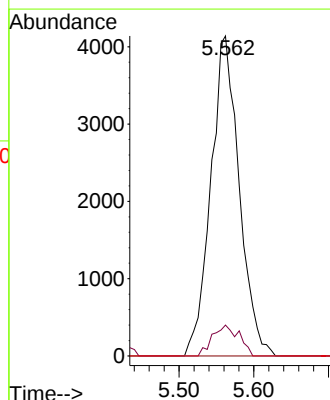
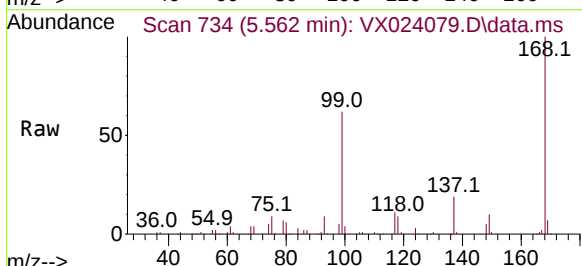
Tgt Ion: 75 Resp: 10924

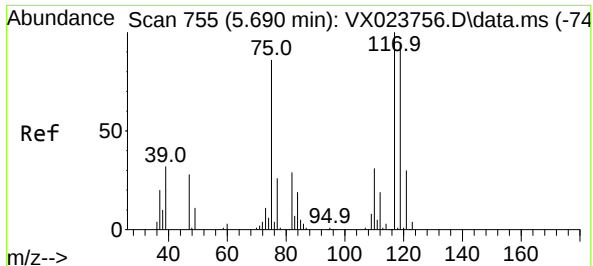
Ion Ratio Lower Upper

75 100

110 9.0 18.1 54.4#

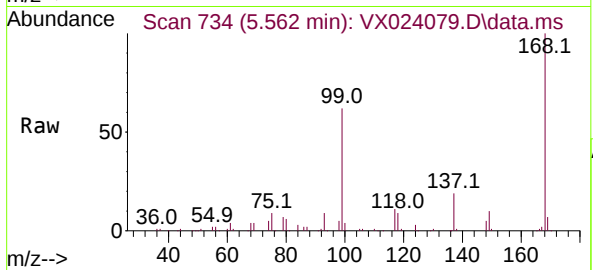
77 0.0 25.3 37.9#



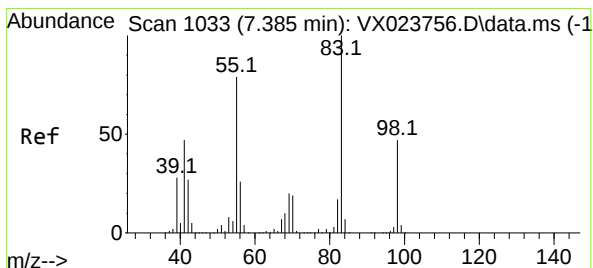
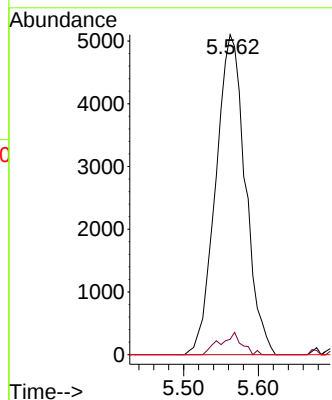
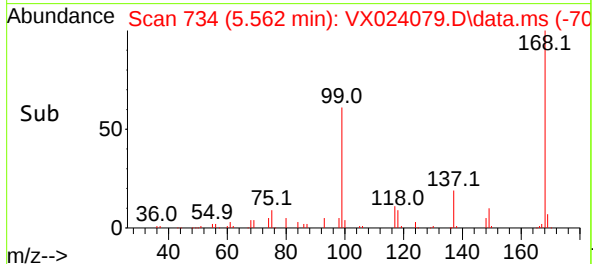


#38
Carbon Tetrachloride
Concen: 6.522 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

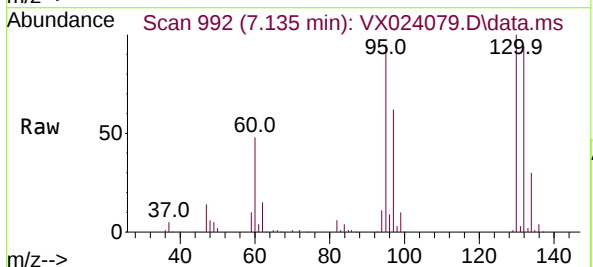
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-680-682



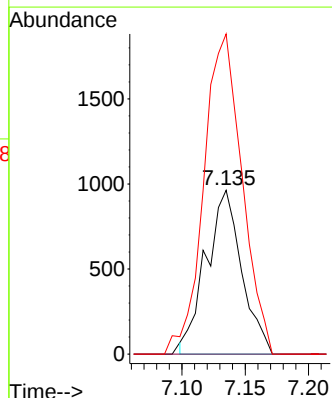
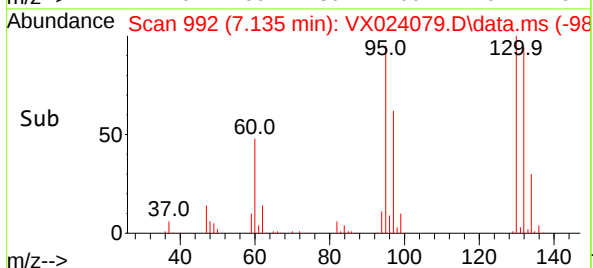
Tgt Ion:117 Resp: 14020
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

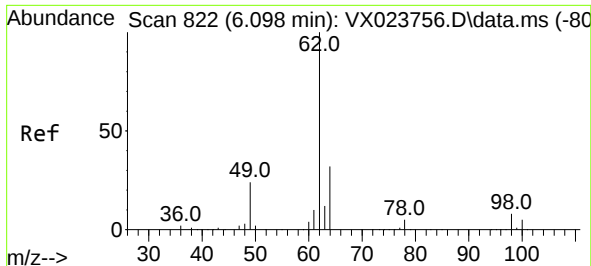


#39
Methylcyclohexane
Concen: 0.751 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45



Tgt Ion: 83 Resp: 1885
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 195.4 38.1 57.1#





#42

1,2-Dichloroethane

Concen: 0.257 ug/l

RT: 6.099 min Scan# 822

Delta R.T. 0.001 min

Lab File: VX024079.D

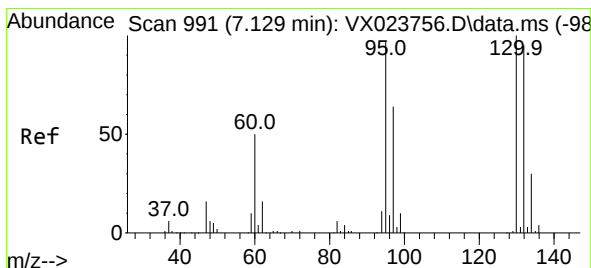
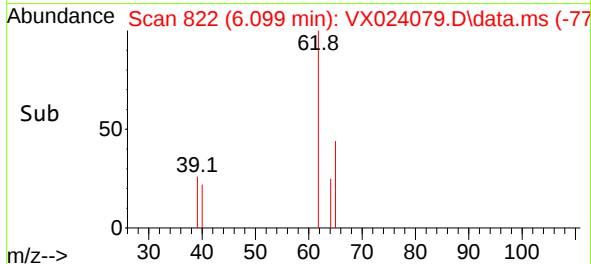
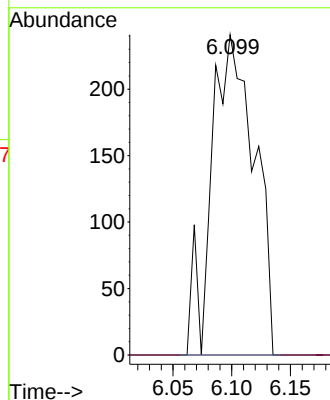
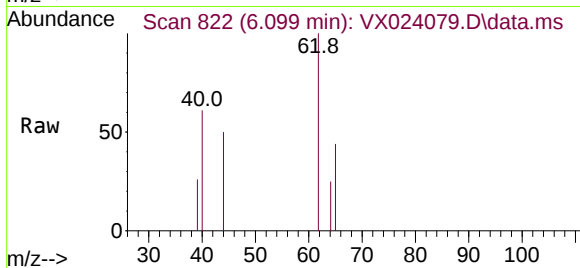
Acq: 02 Sep 2021 18:45

Tgt Ion: 62 Resp: 615

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#44

Trichloroethene

Concen: 88.691 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX024079.D

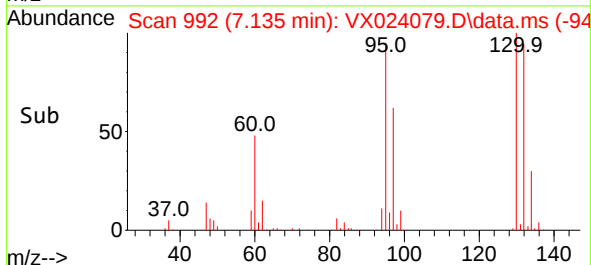
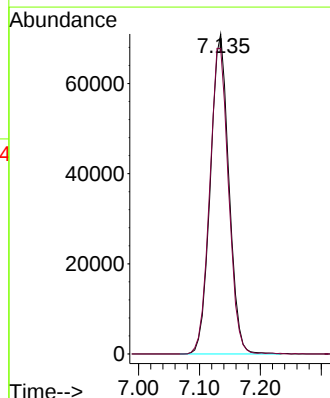
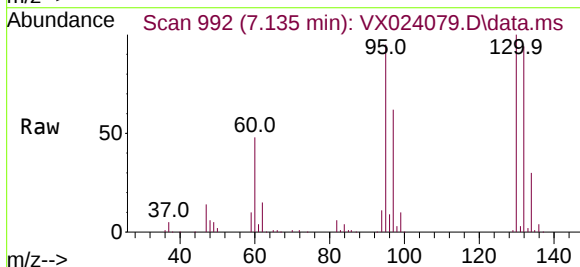
Acq: 02 Sep 2021 18:45

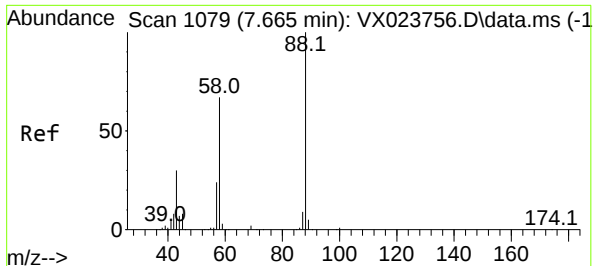
Tgt Ion: 130 Resp: 149336

Ion Ratio Lower Upper

130 100

95 95.4 0.0 198.0

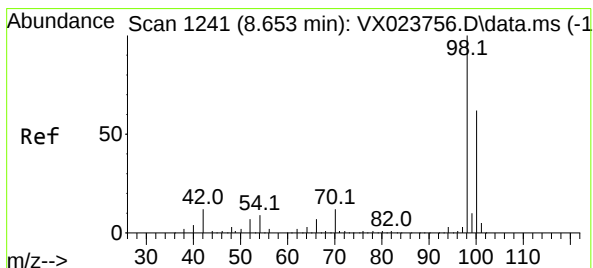
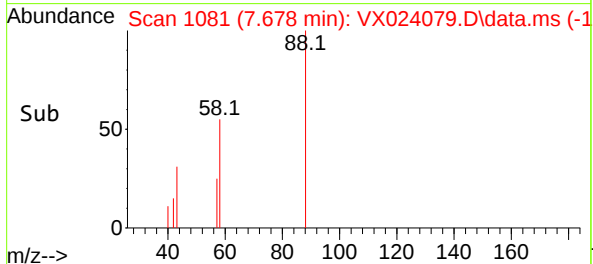
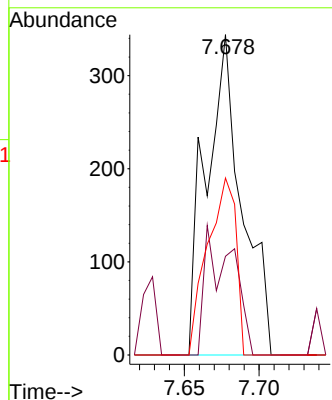
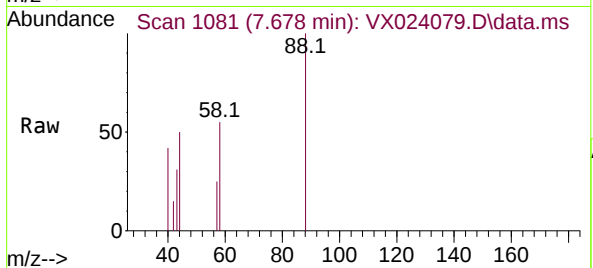




#49
1,4-Dioxane
Concen: 14.047 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.013 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

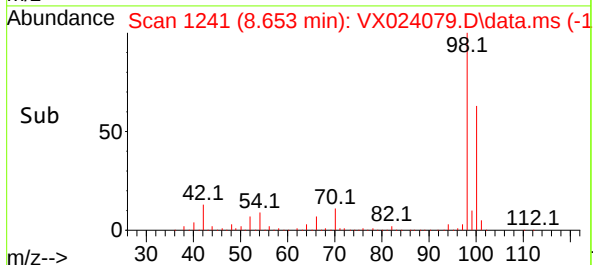
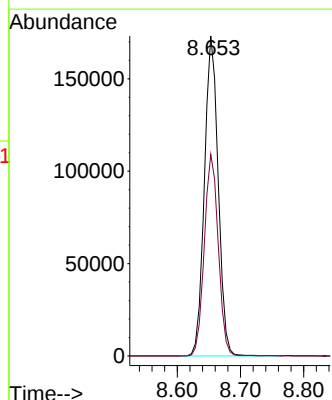
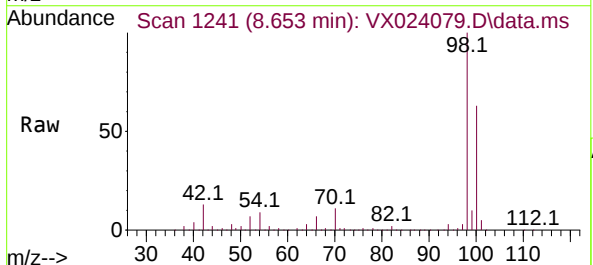
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-680-682

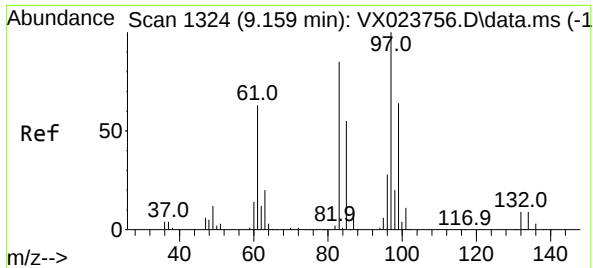
Tgt Ion: 88 Resp: 574
Ion Ratio Lower Upper
88 100
43 30.7 23.2 34.8
58 43.9 55.0 82.4#



#50
Toluene-d8
Concen: 46.936 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

Tgt Ion: 98 Resp: 263185
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9

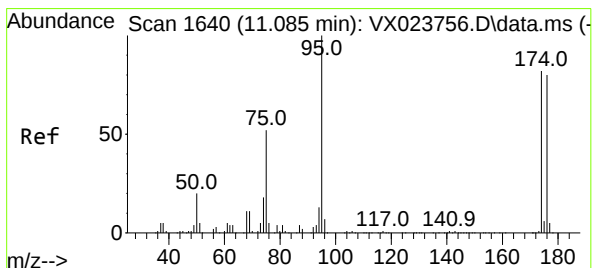
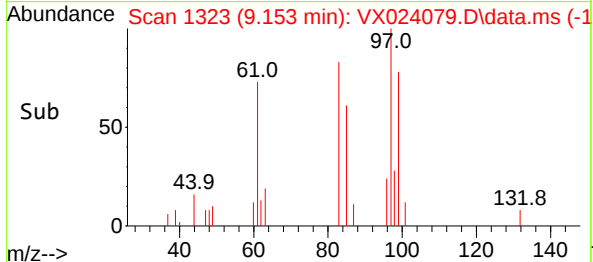
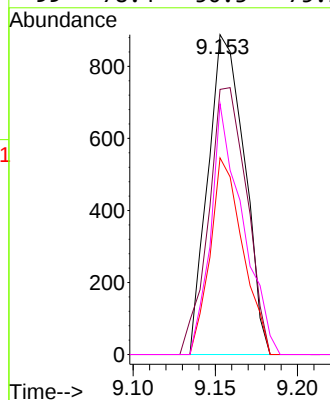
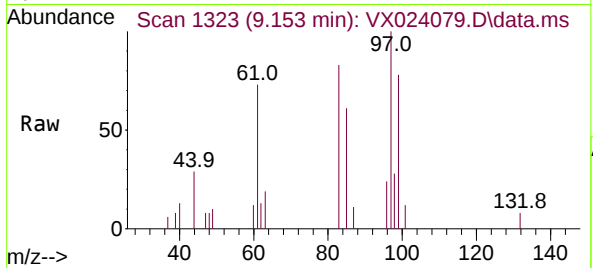




#55
1,1,2-Trichloroethane
Concen: 0.840 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

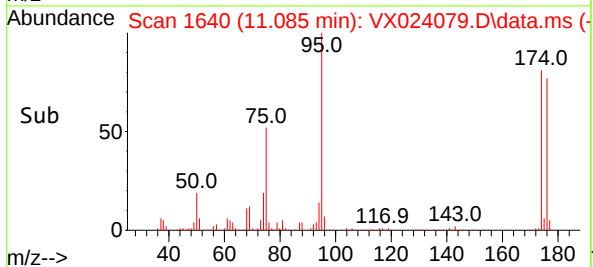
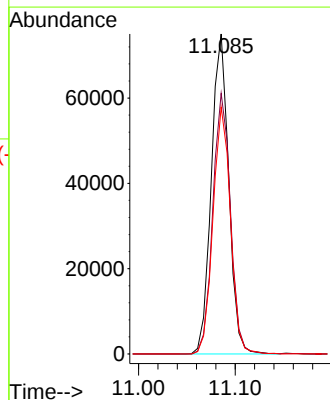
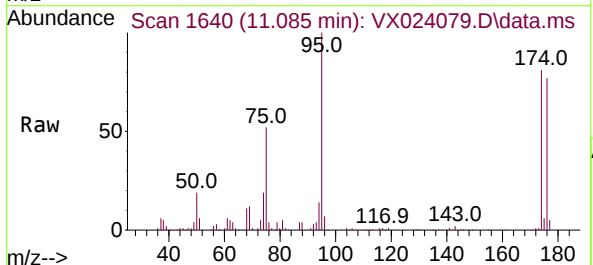
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-680-682

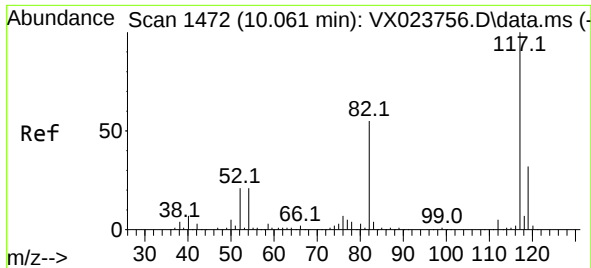
Tgt Ion:	97	Resp:	1366
Ion	Ratio	Lower	Upper
97	100		
83	82.9	69.3	103.9
85	61.5	44.3	66.5
99	78.4	50.3	75.5#



#62
4-Bromofluorobenzene
Concen: 45.286 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

Tgt Ion:	95	Resp:	93480
Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	154.6
176	77.6	0.0	155.8

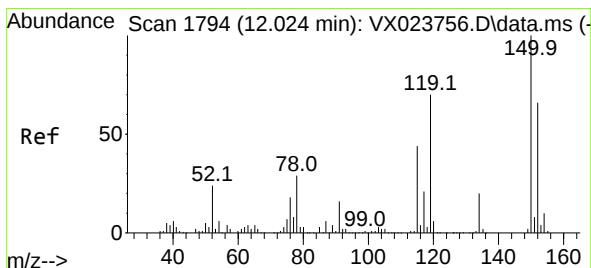
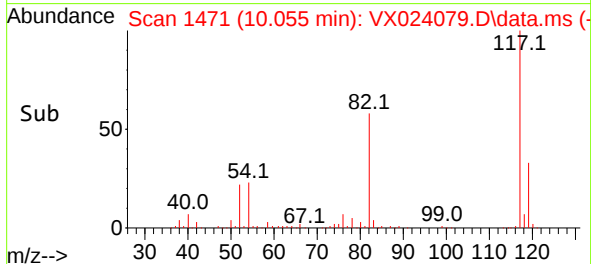
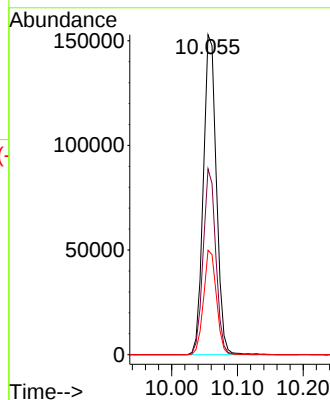
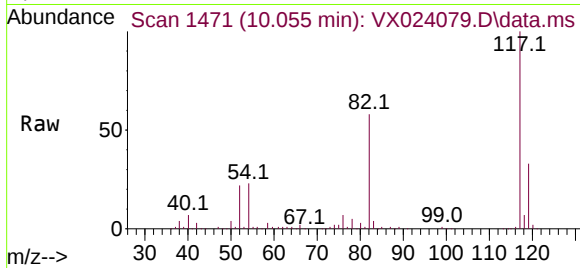




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

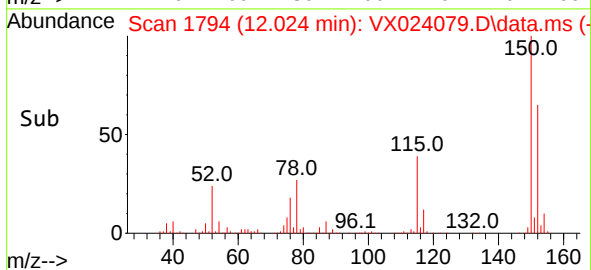
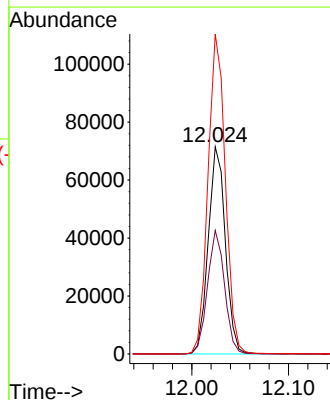
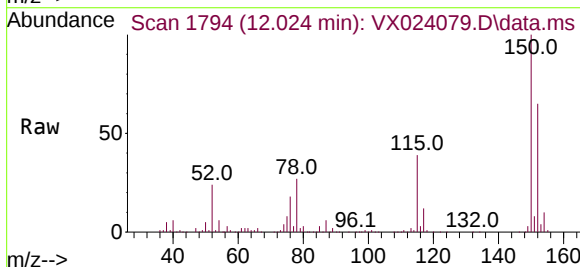
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-680-682

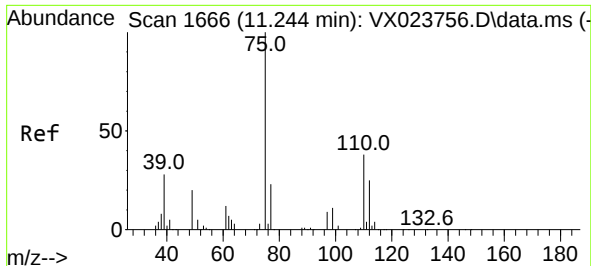
Tgt Ion:	117	Resp:	211004
Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.4	71.2
119	32.6	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

Tgt Ion:	152	Resp:	88186
Ion	Ratio	Lower	Upper
152	100		
115	59.4	41.1	123.3
150	156.0	0.0	349.0

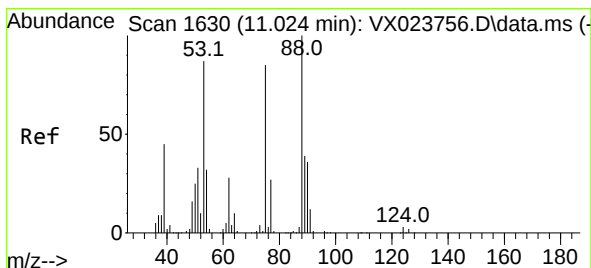
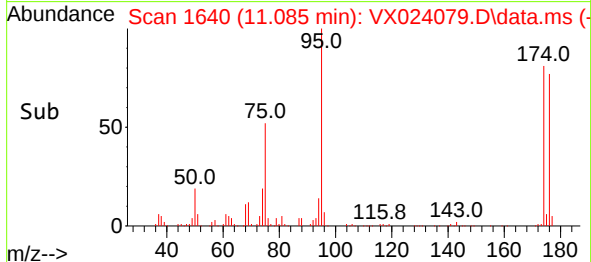
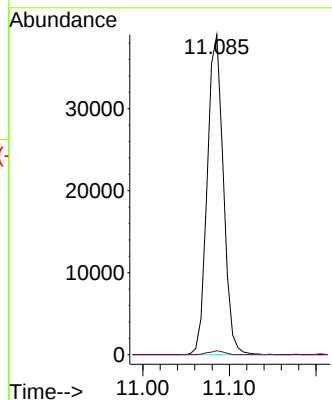
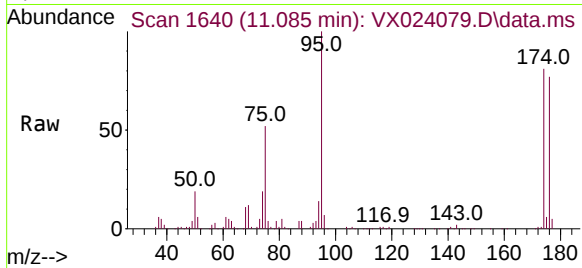




#76
1,2,3-Trichloropropane
Concen: 24.437 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

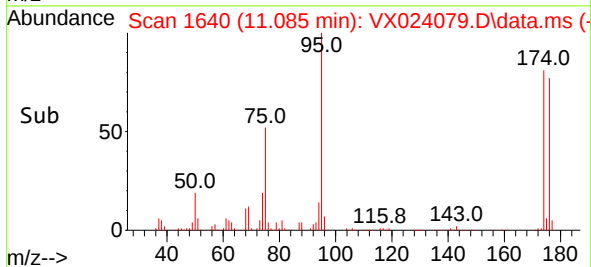
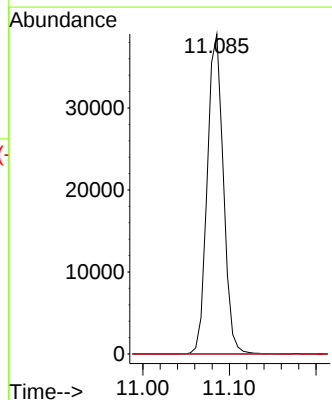
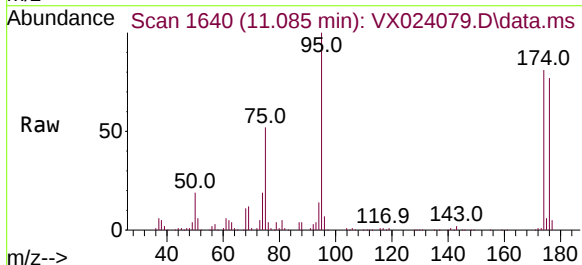
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-680-682

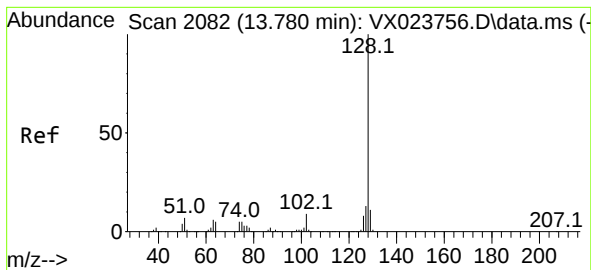
Tgt Ion: 75 Resp: 50271
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.883 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

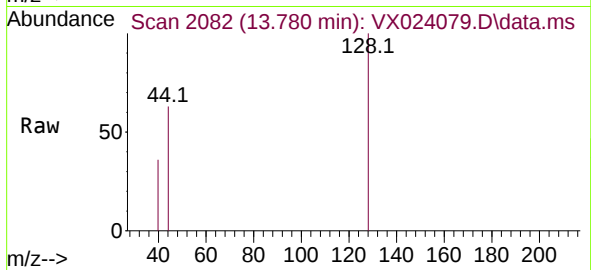
Tgt Ion: 75 Resp: 50271
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.325 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024079.D
Acq: 02 Sep 2021 18:45

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-680-682



Tgt Ion:128 Resp: 283
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

