

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052322\
 Data File : VX028907.D
 Acq On : 23 May 2022 20:16
 Operator : JC/MD
 Sample : N2983-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BRP1-20220520

Quant Time: May 24 05:37:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

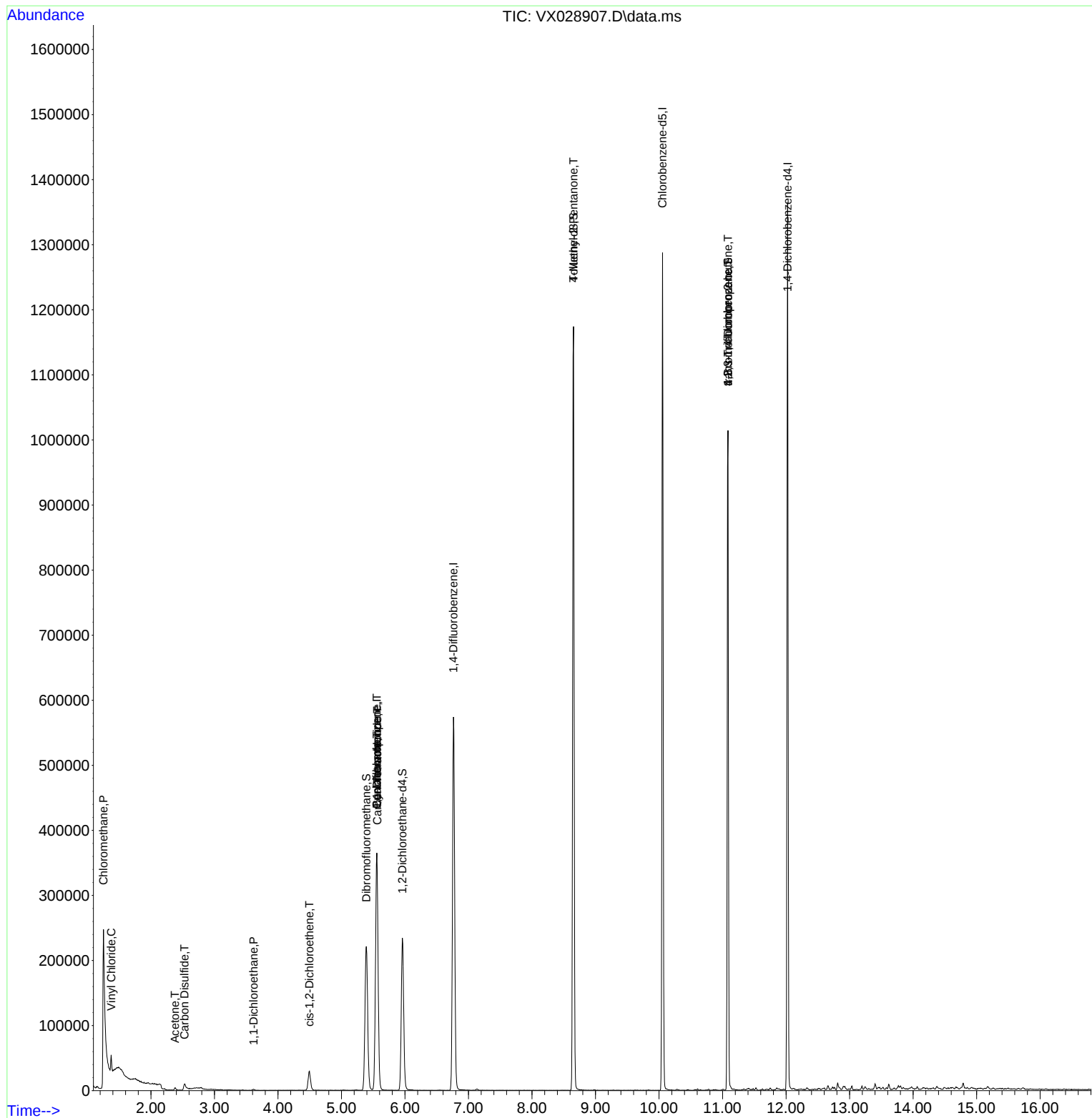
Internal Standards						
1) Pentafluorobenzene	5.556	168	340507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	597057	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	570495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	272088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	236065	50.576	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.160%			
35) Dibromofluoromethane	5.391	113	198560	50.759	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.520%			
50) Toluene-d8	8.653	98	704568	47.773	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.540%			
62) 4-Bromofluorobenzene	11.085	95	287065	52.112	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.220%			
Target Compounds					Qvalue	
3) Chloromethane	1.252	50	9940	2.367	ug/l #	42
4) Vinyl Chloride	1.374	62	13514	2.986	ug/l #	73
5) Bromomethane	1.618	94	908	Below Cal		84
6) Chloroethane	1.892	64	774	Below Cal	#	57
11) Tert butyl alcohol	2.947	59	70	Below Cal	#	72
16) Acetone	2.380	43	4132	2.063	ug/l #	84
17) Carbon Disulfide	2.526	76	15749	1.724	ug/l	99
24) 1,1-Dichloroethane	3.617	63	1915	0.273	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	18487	3.988	ug/l	91
31) Cyclohexane	5.556	56	7191	1.110	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	26767	4.556	ug/l #	50
38) Carbon Tetrachloride	5.562	117	35361	5.980	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	2684	0.424	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	144394	22.661	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	144394	66.239	ug/l #	15

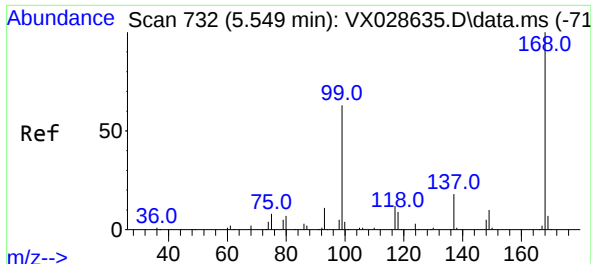
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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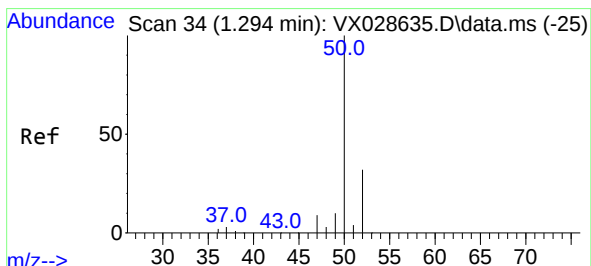
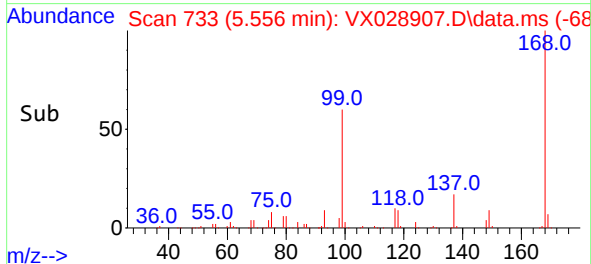
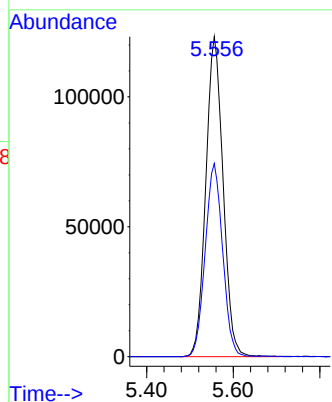
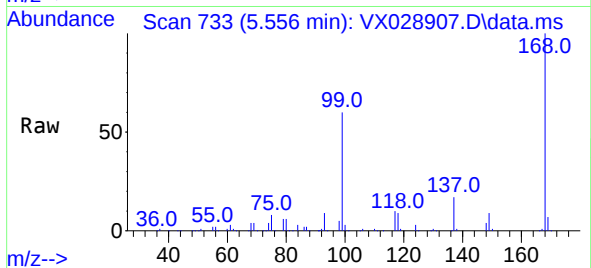




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028907.D
Acq: 23 May 2022 20:16

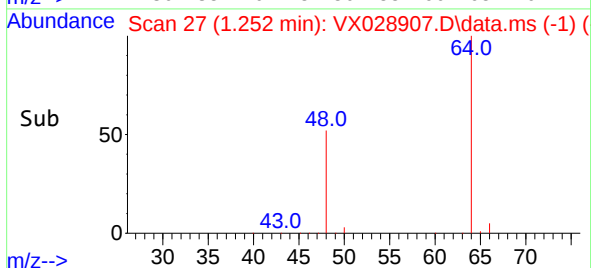
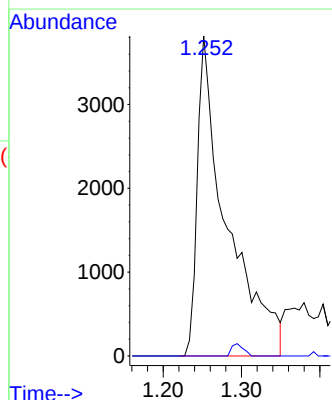
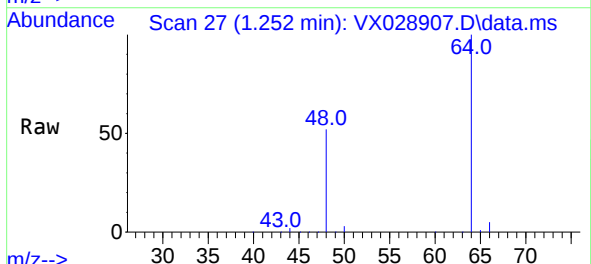
Instrument :
MSVOA_X
ClientSampleId :
BRP1-20220520

Tgt Ion:168 Resp: 340507
Ion Ratio Lower Upper
168 100
99 60.3 41.7 62.5

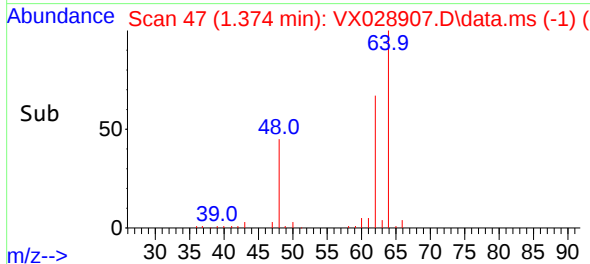
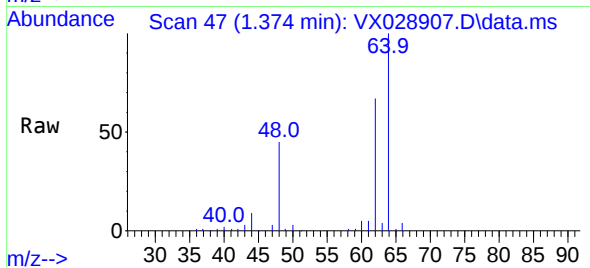
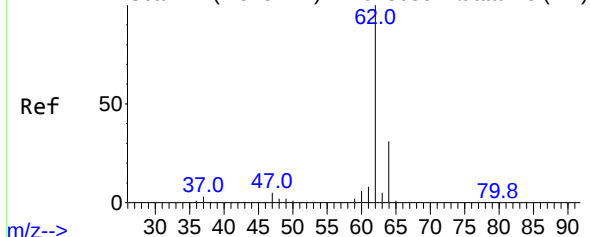


#3
Chloromethane
Concen: 2.367 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX028907.D
Acq: 23 May 2022 20:16

Tgt Ion: 50 Resp: 9940
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



Abundance Scan 47 (1.373 min): VX028635.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 2.986 ug/l

RT: 1.374 min Scan# 41

Delta R.T. 0.001 min

Lab File: VX028907.D

Acq: 23 May 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

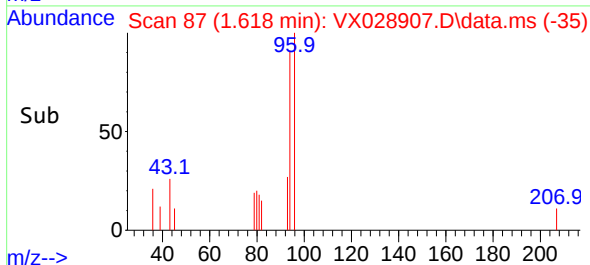
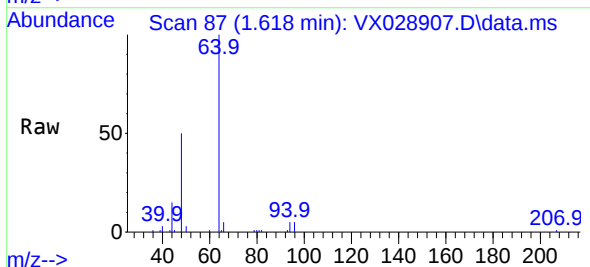
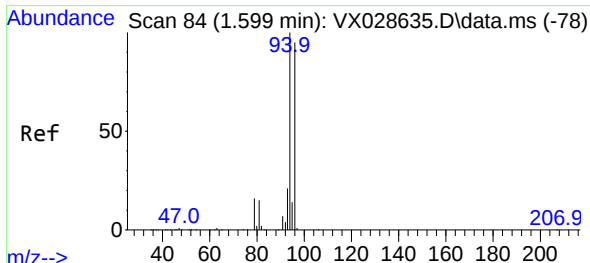
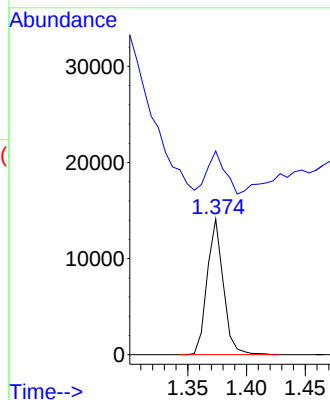
BRP1-20220520

Tgt Ion: 62 Resp: 13514

Ion Ratio Lower Upper

62 100

64 16.7 25.5 38.3#



#5

Bromomethane

Concen: Below Cal

RT: 1.618 min Scan# 87

Delta R.T. 0.019 min

Lab File: VX028907.D

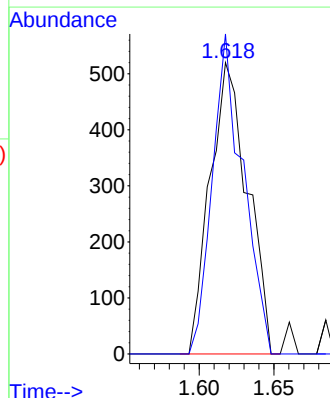
Acq: 23 May 2022 20:16

Tgt Ion: 94 Resp: 908

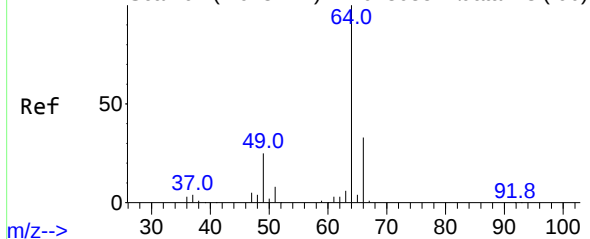
Ion Ratio Lower Upper

94 100

96 109.8 75.3 112.9



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)

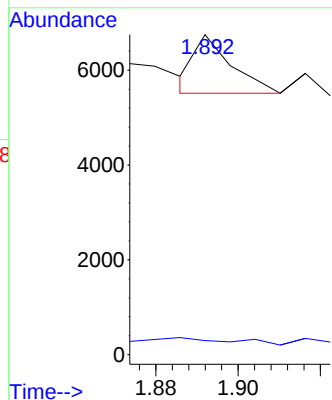
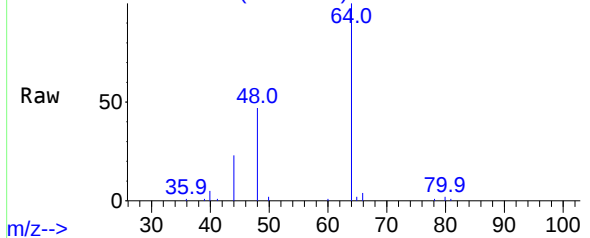


#6
Chloroethane
Concen: Below Cal
RT: 1.892 min Scan# 11
Delta R.T. 0.214 min
Lab File: VX028907.D
Acq: 23 May 2022 20:16

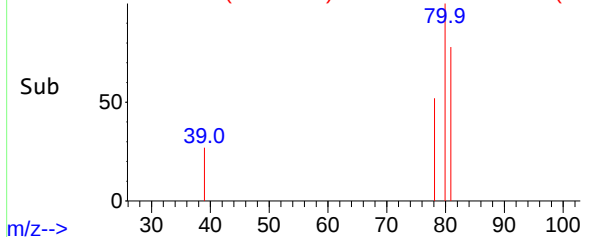
Instrument :
MSVOA_X
ClientSampleId :
BRP1-20220520

Tgt Ion: 64 Resp: 774
Ion Ratio Lower Upper
64 100
66 7.5 25.3 37.9#

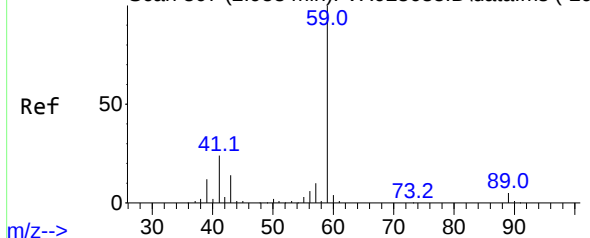
Abundance Scan 132 (1.892 min): VX028907.D\data.ms



Abundance Scan 132 (1.892 min): VX028907.D\data.ms (-48)



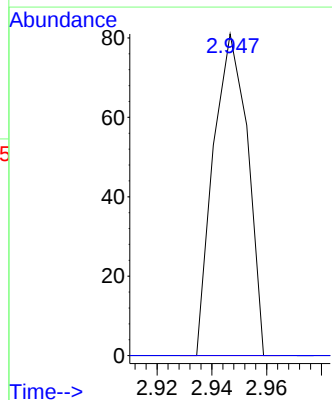
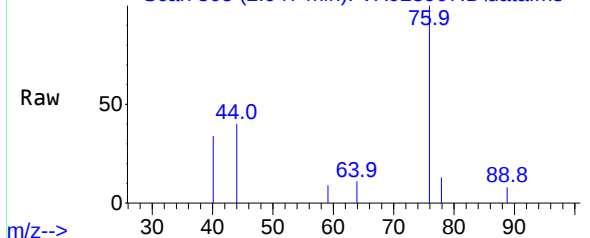
Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



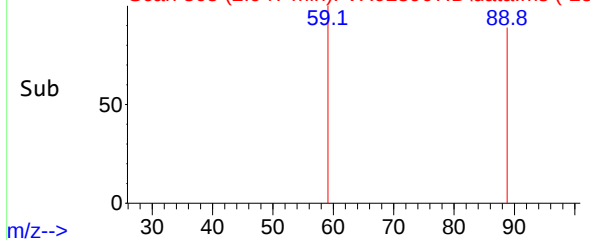
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028907.D
Acq: 23 May 2022 20:16

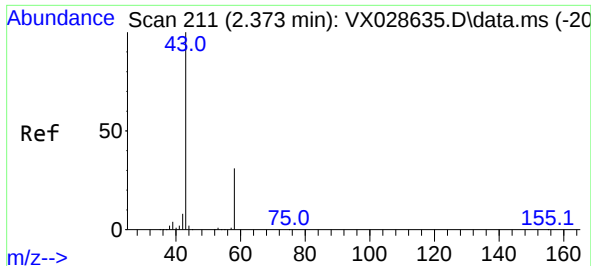
Tgt Ion: 59 Resp: 70
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

Abundance Scan 305 (2.947 min): VX028907.D\data.ms



Abundance Scan 305 (2.947 min): VX028907.D\data.ms (-25)

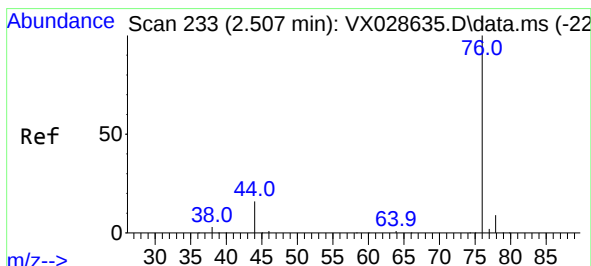
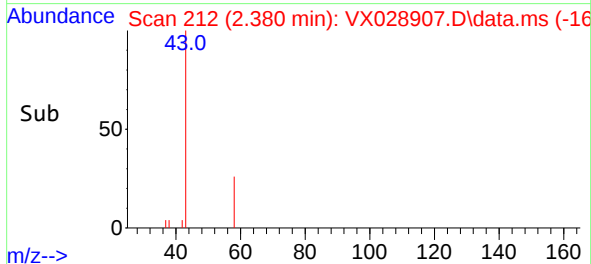
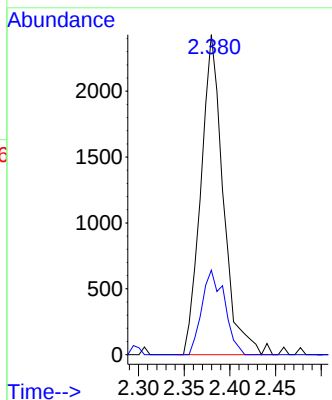
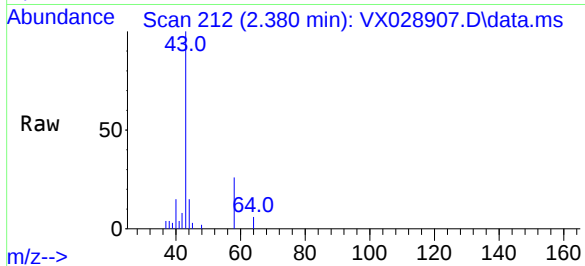




#16
Acetone
Concen: 2.063 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028907.D
Acq: 23 May 2022 20:16

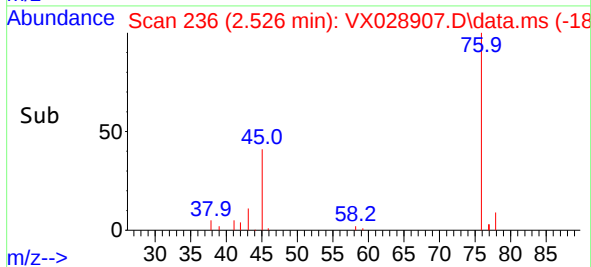
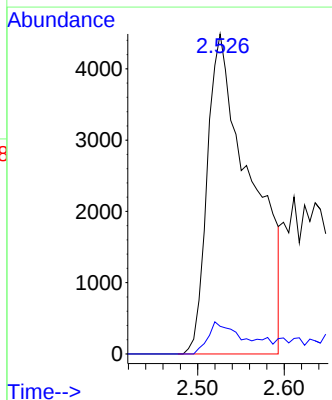
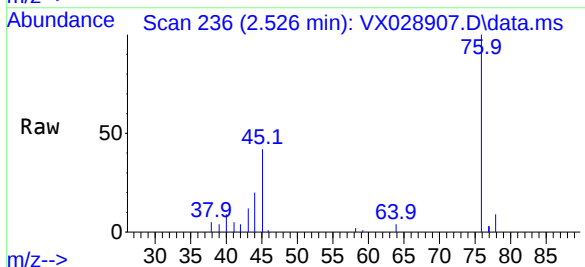
Instrument :
MSVOA_X
ClientSampleId :
BRP1-20220520

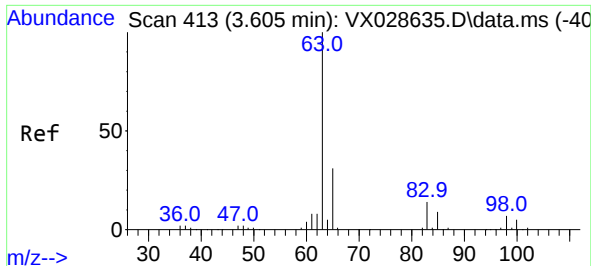
Tgt Ion: 43 Resp: 4132
Ion Ratio Lower Upper
43 100
58 26.4 28.8 43.2#



#17
Carbon Disulfide
Concen: 1.724 ug/l
RT: 2.526 min Scan# 236
Delta R.T. 0.019 min
Lab File: VX028907.D
Acq: 23 May 2022 20:16

Tgt Ion: 76 Resp: 15749
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

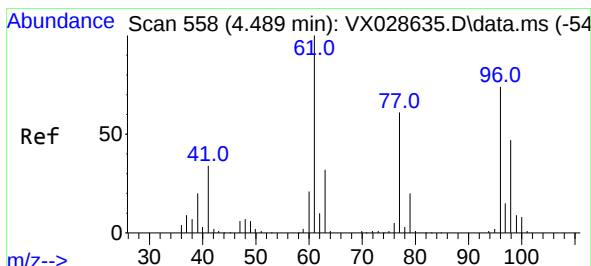
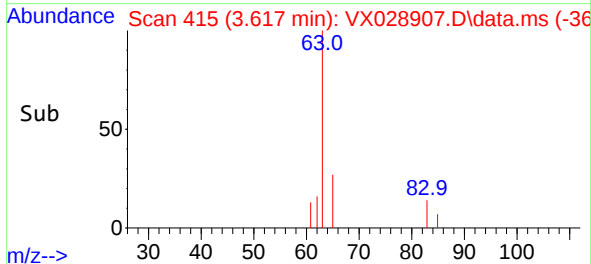
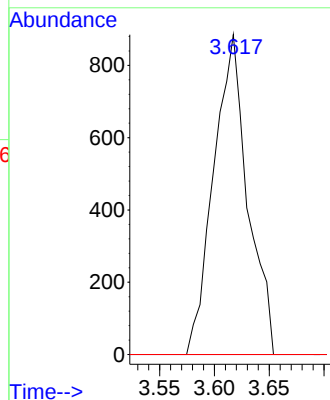
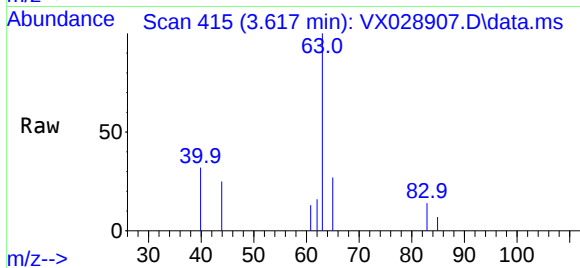




#24
1,1-Dichloroethane
Concen: 0.273 ug/l
RT: 3.617 min Scan# 41
Delta R.T. 0.012 min
Lab File: VX028907.D
Acq: 23 May 2022 20:16

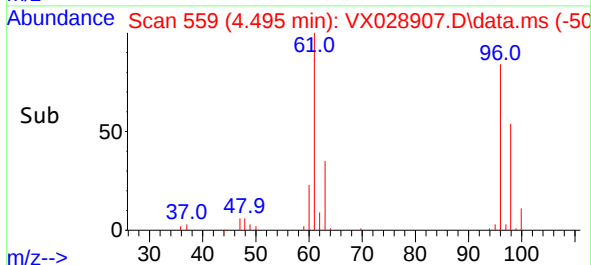
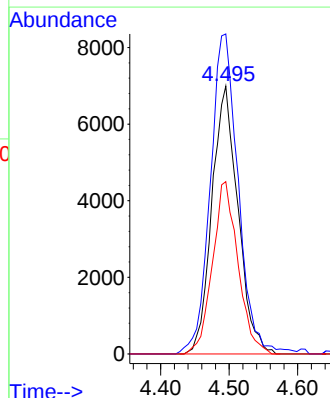
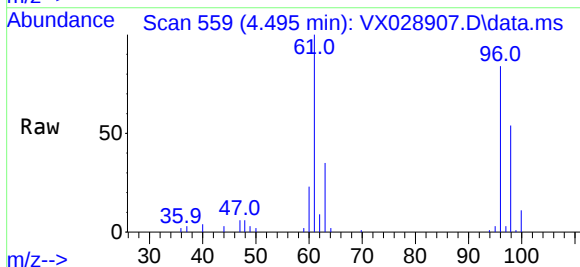
Instrument :
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ClientSampleId :
BRP1-20220520

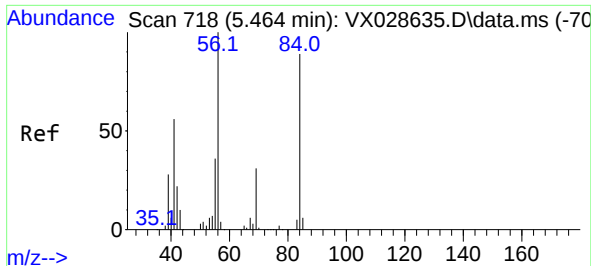
Tgt Ion: 63 Resp: 1915
Ion Ratio Lower Upper
63 100
98 0.0 3.9 11.7#
100 0.0 2.4 7.2#



#27
cis-1,2-Dichloroethene
Concen: 3.988 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX028907.D
Acq: 23 May 2022 20:16

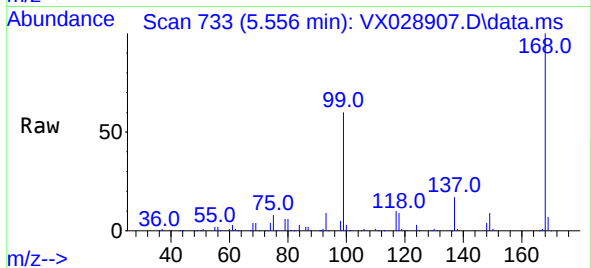
Tgt Ion: 96 Resp: 18487
Ion Ratio Lower Upper
96 100
61 127.9 0.0 283.8
98 62.9 0.0 129.8



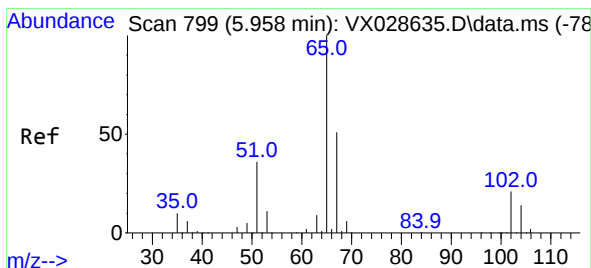
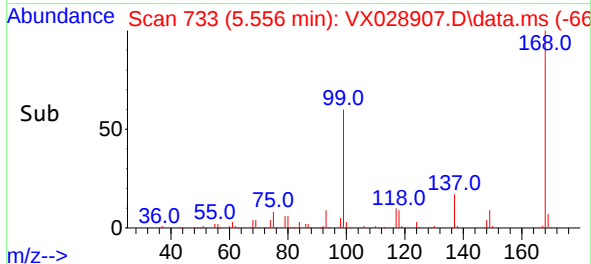
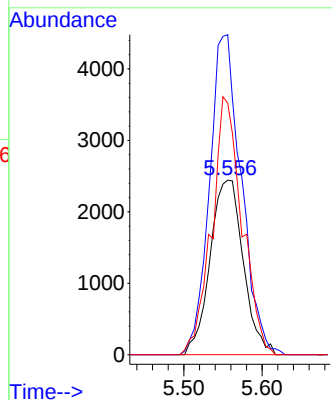


#31
Cyclohexane
Concen: 1.110 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028907.D
Acq: 23 May 2022 20:16

Instrument :
MSVOA_X
ClientSampleId :
BRP1-20220520

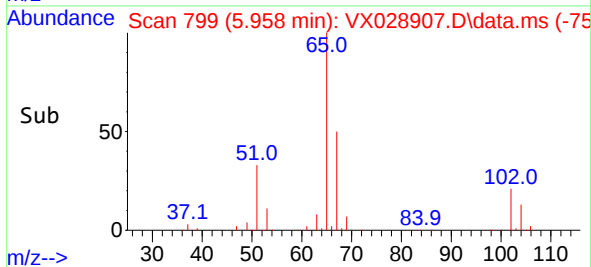
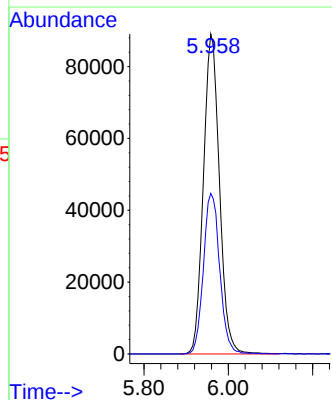
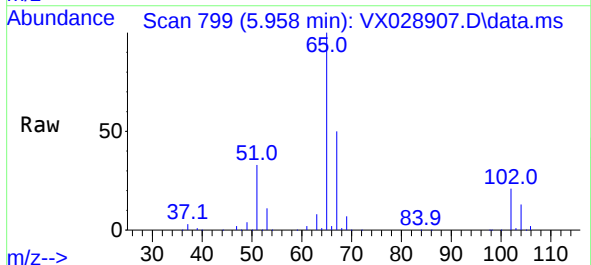


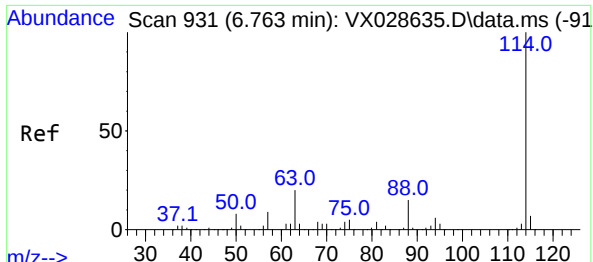
Tgt Ion: 56 Resp: 7191
Ion Ratio Lower Upper
56 100
69 183.2 26.7 40.1#
84 144.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.576 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028907.D
Acq: 23 May 2022 20:16

Tgt Ion: 65 Resp: 236065
Ion Ratio Lower Upper
65 100
67 50.9 0.0 107.4

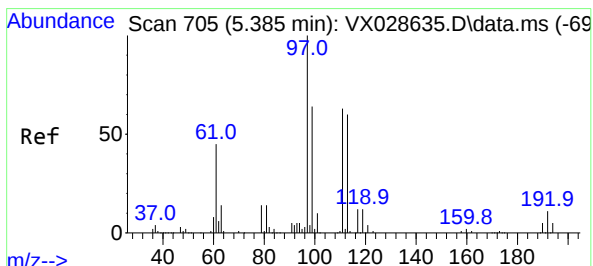
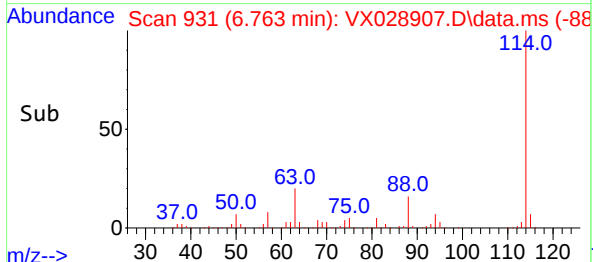
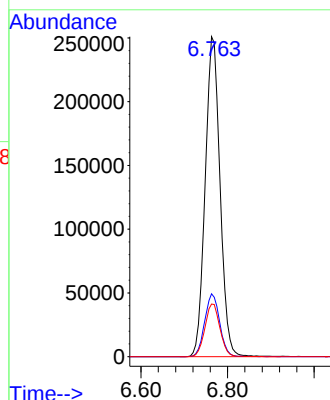
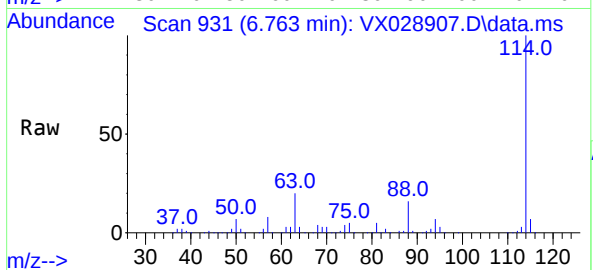




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028907.D
Acq: 23 May 2022 20:16

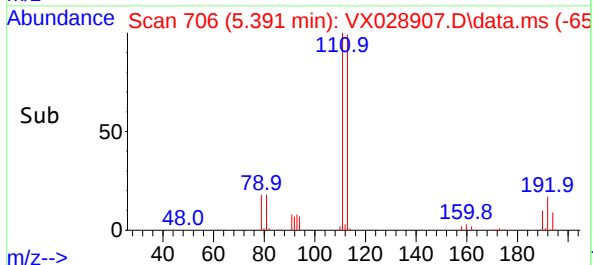
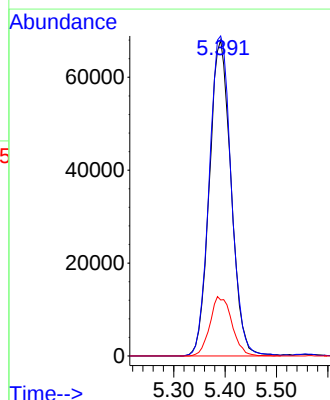
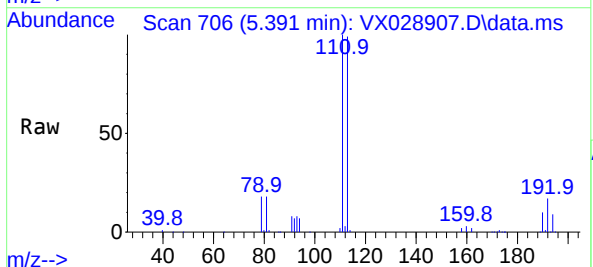
Instrument :
MSVOA_X
ClientSampleId :
BRP1-20220520

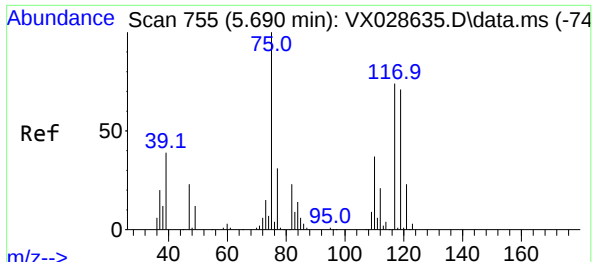
Tgt Ion:114 Resp: 597057
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.759 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028907.D
Acq: 23 May 2022 20:16

Tgt Ion:113 Resp: 198560
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 19.1 16.9 25.3

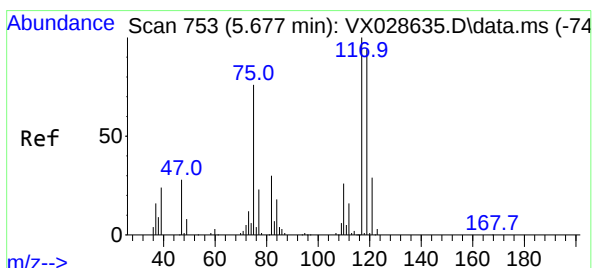
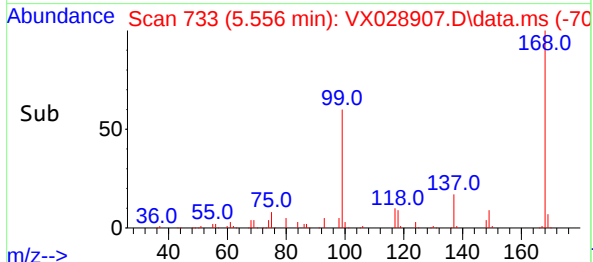
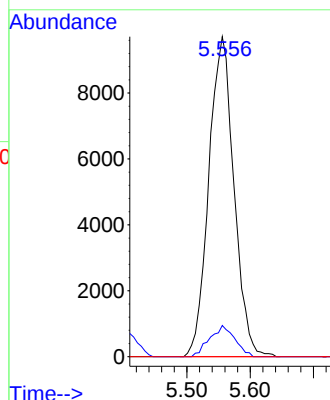
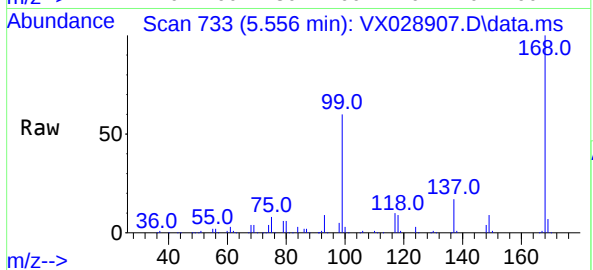




#36
1,1-Dichloropropene
Concen: 4.556 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX028907.D
Acq: 23 May 2022 20:16

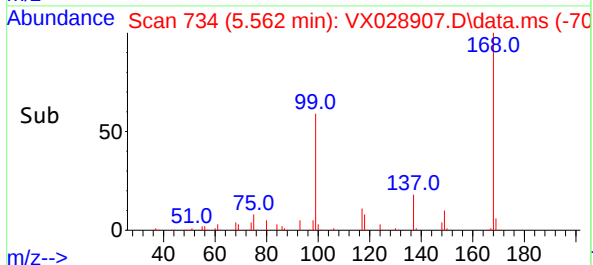
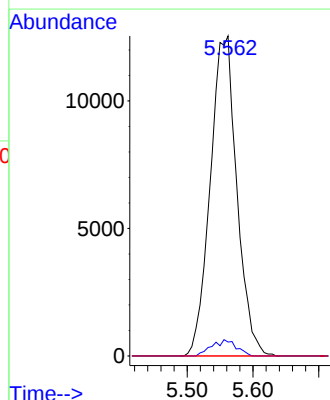
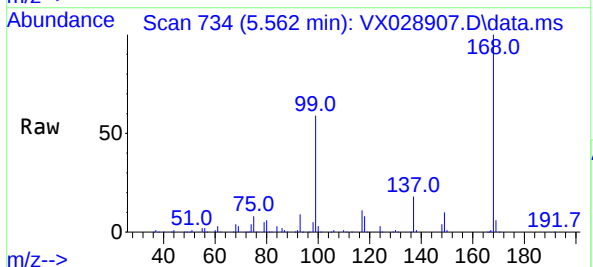
Instrument :
MSVOA_X
ClientSampleId :
BRP1-20220520

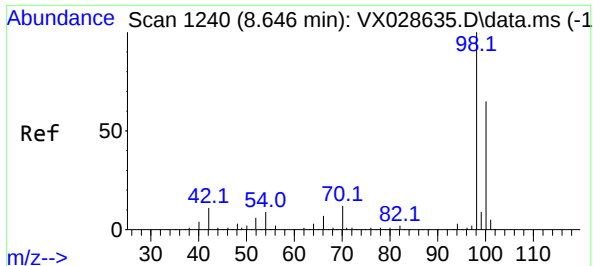
Tgt Ion: 75 Resp: 26767
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.980 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.115 min
Lab File: VX028907.D
Acq: 23 May 2022 20:16

Tgt Ion: 117 Resp: 35361
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 47.773 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028907.D

Acq: 23 May 2022 20:16

Instrument :

MSVOA_X

ClientSampleId :

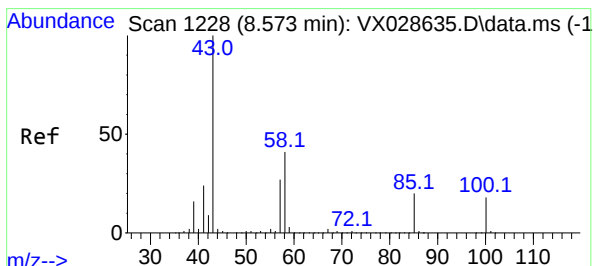
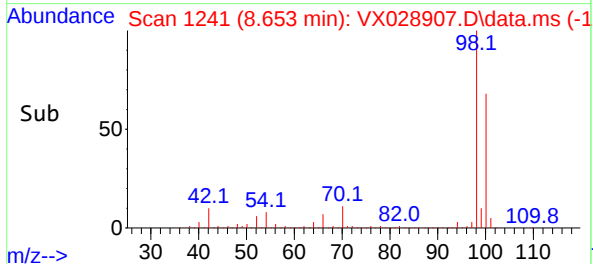
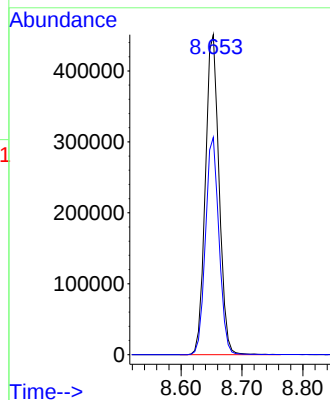
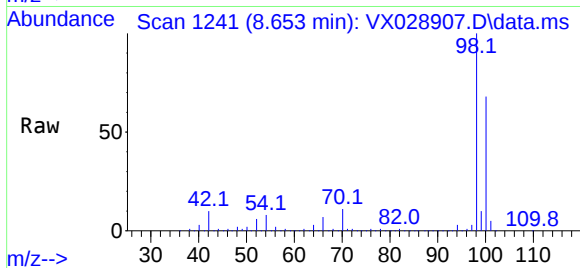
BRP1-20220520

Tgt Ion: 98 Resp: 704568

Ion Ratio Lower Upper

98 100

100 67.0 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.424 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.080 min

Lab File: VX028907.D

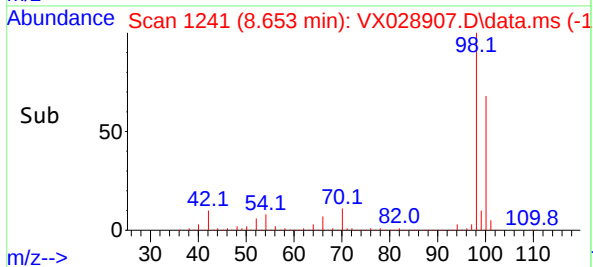
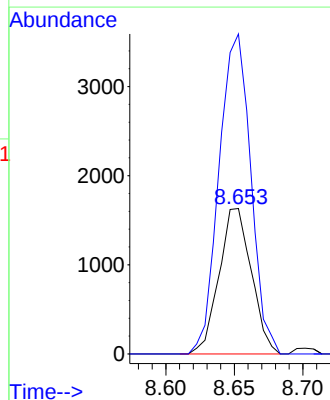
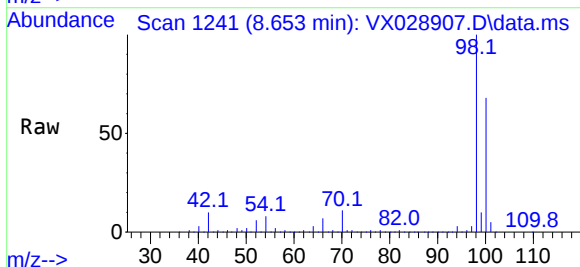
Acq: 23 May 2022 20:16

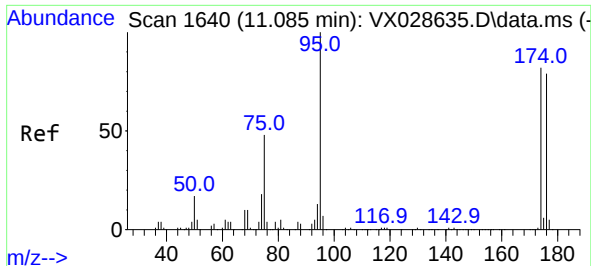
Tgt Ion: 43 Resp: 2684

Ion Ratio Lower Upper

43 100

58 215.6 36.1 54.1#

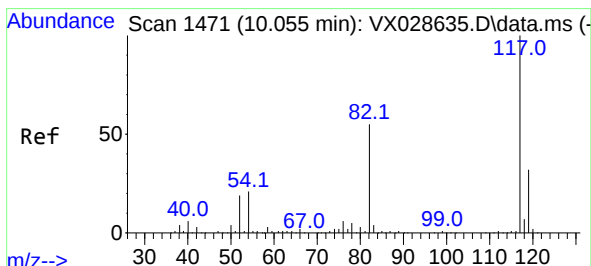
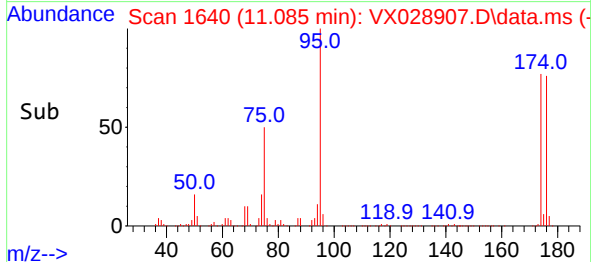
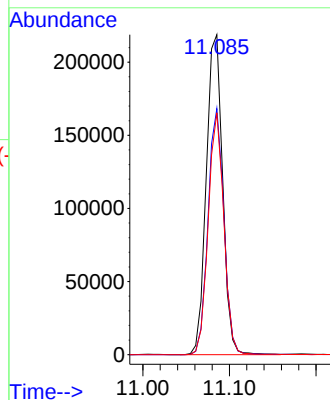
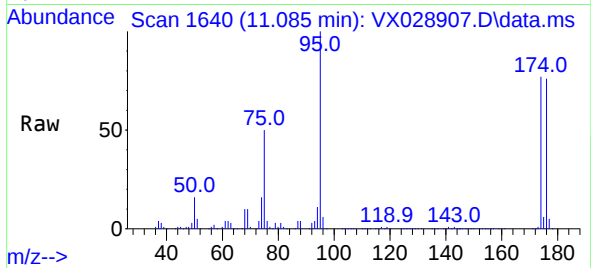




#62
4-Bromofluorobenzene
Concen: 52.112 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028907.D
Acq: 23 May 2022 20:16

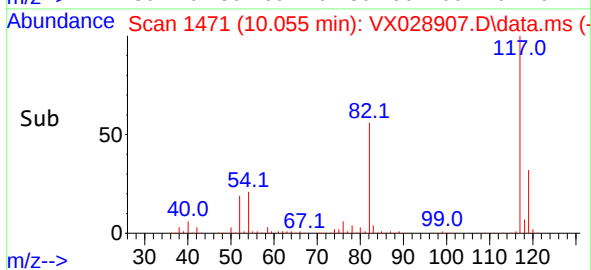
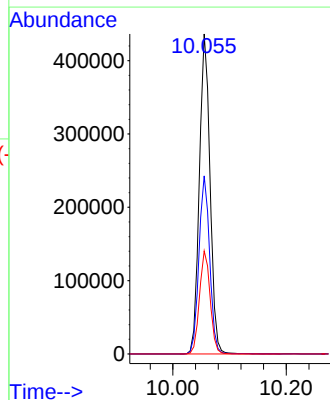
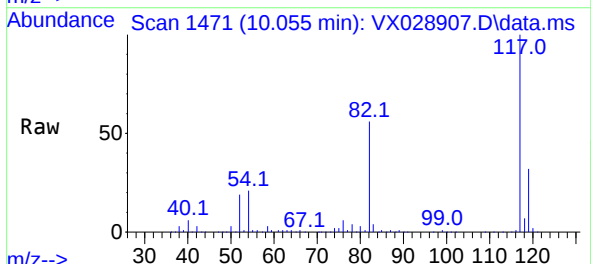
Instrument :
MSVOA_X
ClientSampleId :
BRP1-20220520

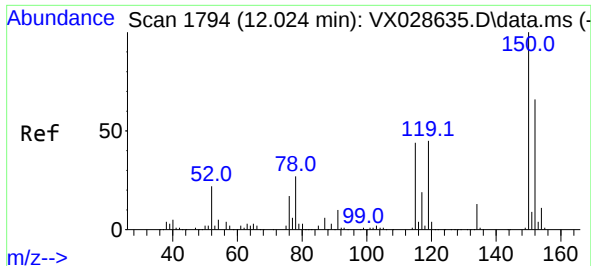
Tgt Ion: 95 Resp: 287065
Ion Ratio Lower Upper
95 100
174 74.7 0.0 163.0
176 72.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028907.D
Acq: 23 May 2022 20:16

Tgt Ion: 117 Resp: 570495
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 32.2 24.8 37.2

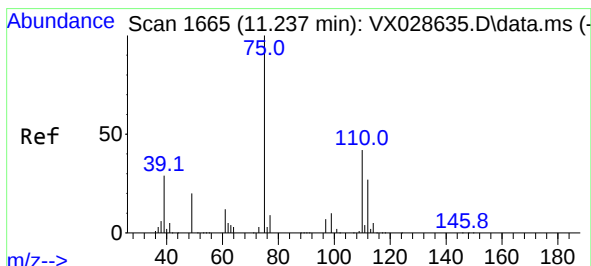
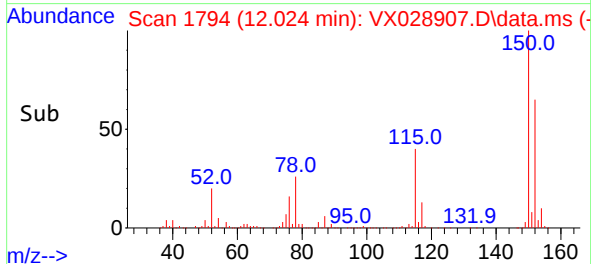
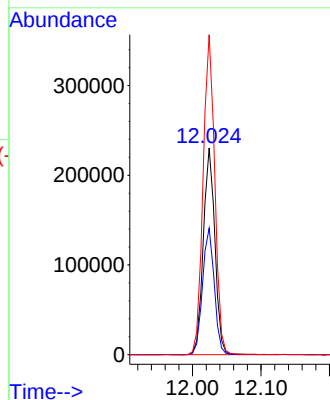
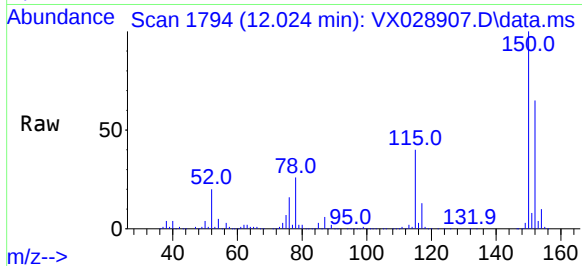




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028907.D
Acq: 23 May 2022 20:16

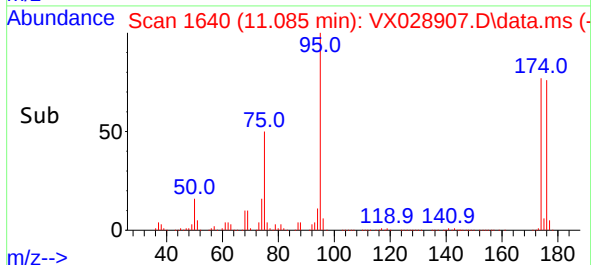
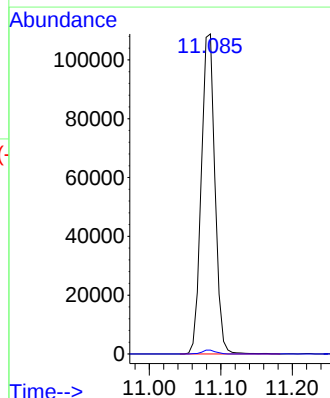
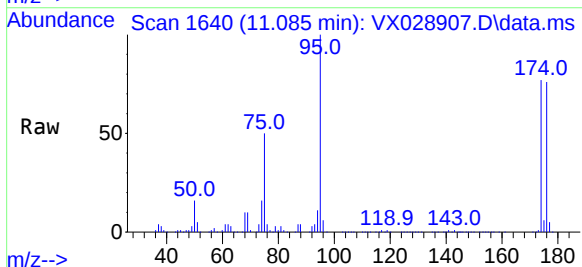
Instrument :
MSVOA_X
ClientSampleId :
BRP1-20220520

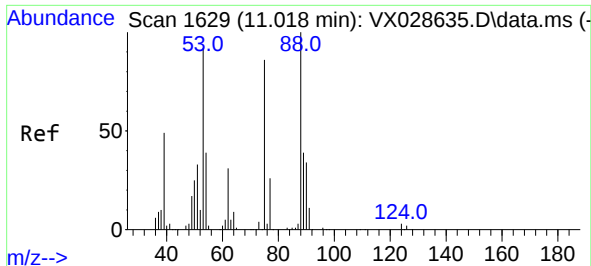
Tgt Ion:152 Resp: 272088
Ion Ratio Lower Upper
152 100
115 62.0 37.5 112.7
150 155.4 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.661 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX028907.D
Acq: 23 May 2022 20:16

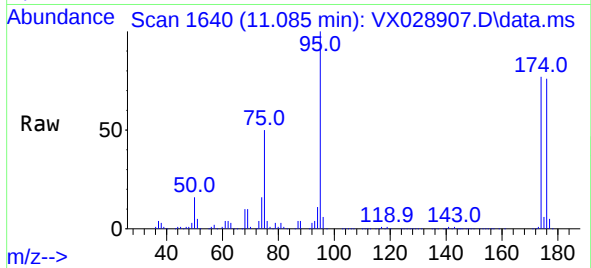
Tgt Ion: 75 Resp: 144394
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.239 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX028907.D
Acq: 23 May 2022 20:16

Instrument :
MSVOA_X
ClientSampleId :
BRP1-20220520



Tgt Ion: 75 Resp: 144394
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

