

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022649.D
 Acq On : 10 Jun 2021 17:18
 Operator : JC/MD
 Sample : M2652-04 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BRP2-20210608DL

Quant Time: Jun 11 06:46:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	56821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	113585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35776	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47558	46.538	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.080%
35) Dibromofluoromethane	5.397	113	33511	46.241	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.480%
50) Toluene-d8	8.653	98	139072	48.681	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.360%
62) 4-Bromofluorobenzene	11.085	95	45741	42.335	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.680%

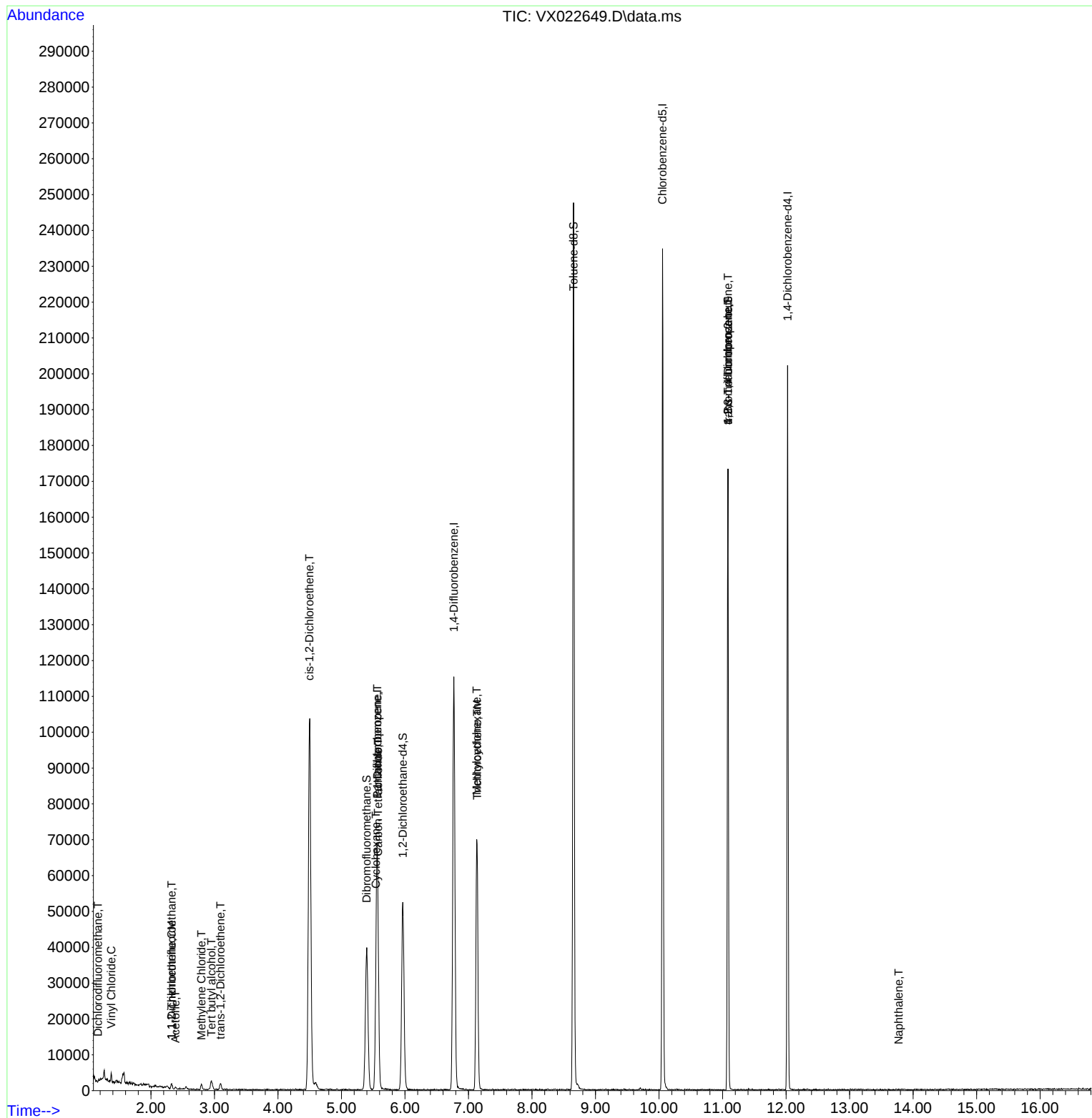
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	192	0.288	ug/l #	42
4) Vinyl Chloride	1.374	62	1306	1.650	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	450	0.647	ug/l #	54
11) Tert butyl alcohol	2.953	59	1664	7.033	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	266	0.386	ug/l #	57
16) Acetone	2.386	43	523	1.143	ug/l	94
20) Methylene Chloride	2.794	84	589	0.391	ug/l #	74
21) trans-1,2-Dichloroethene	3.093	96	661	0.865	ug/l #	78
27) cis-1,2-Dichloroethene	4.495	96	61403	65.928	ug/l	95
31) Cyclohexane	5.544	56	879	0.713	ug/l #	38
36) 1,1-Dichloropropene	5.562	75	5848	5.167	ug/l #	45
38) Carbon Tetrachloride	5.574	117	6334	6.543	ug/l #	15
39) Methylcyclohexane	7.129	83	326	0.276	ug/l #	1
44) Trichloroethene	7.135	130	24979	31.603	ug/l	91
76) 1,2,3-Trichloropropane	11.085	75	24493	25.821	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	24493	64.818	ug/l #	12
95) Naphthalene	13.774	128	85	1.502	ug/l #	69

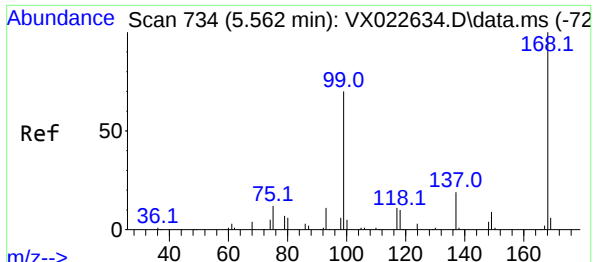
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BRP2-20210608DL

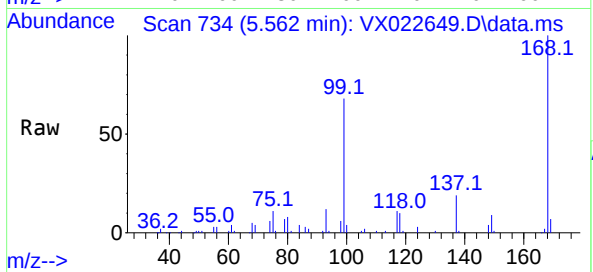
Quant Time: Jun 11 06:46:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



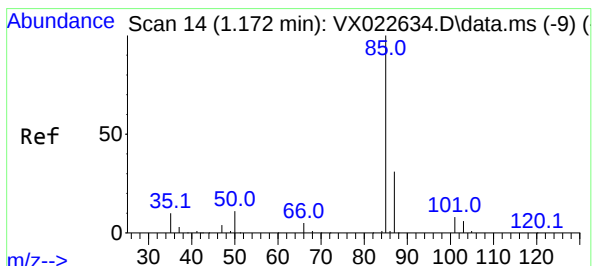
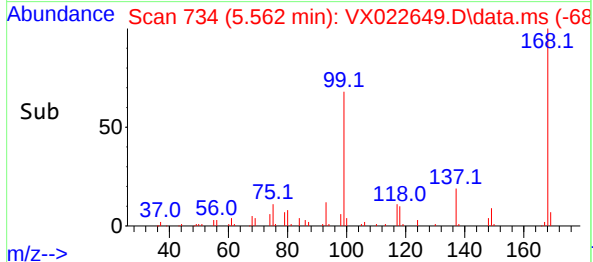
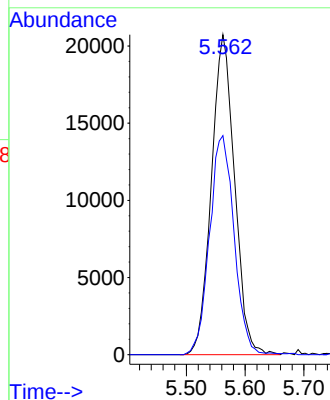


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

Instrument :
MSVOA_X
ClientSampleId :
BRP2-20210608DL

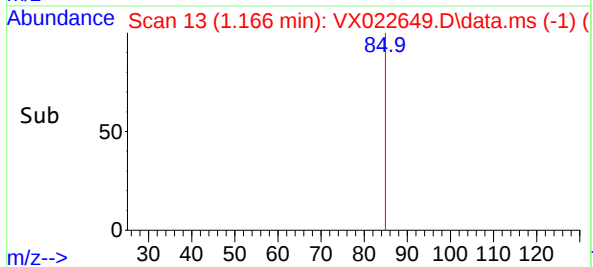
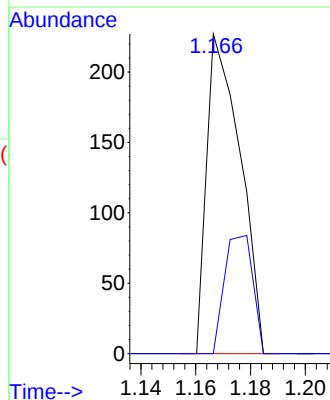
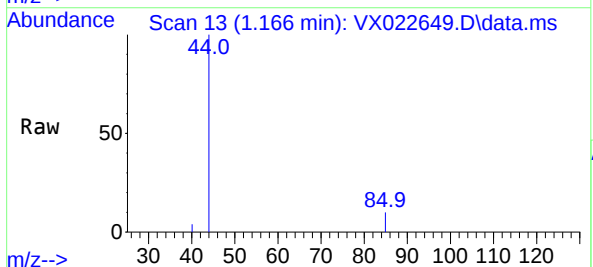


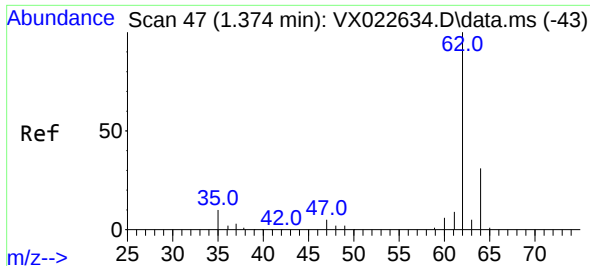
Tgt Ion:168 Resp: 56821
Ion Ratio Lower Upper
168 100
99 68.4 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.288 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

Tgt Ion: 85 Resp: 192
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

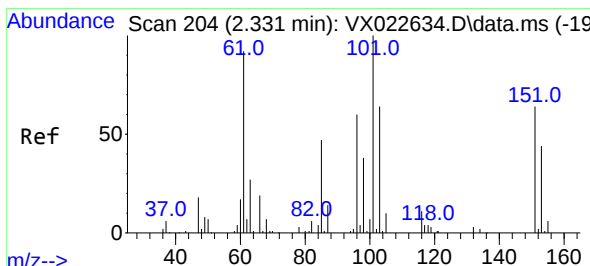
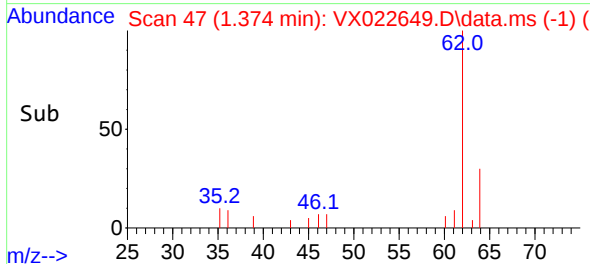
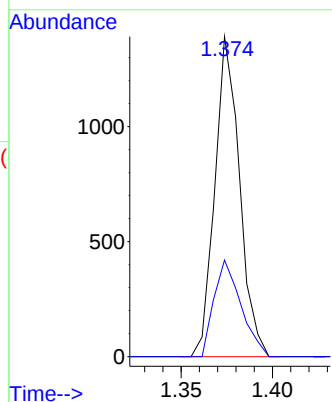
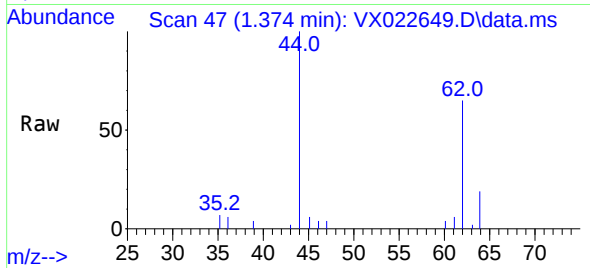




#4
 Vinyl Chloride
 Concen: 1.650 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022649.D
 Acq: 10 Jun 2021 17:18

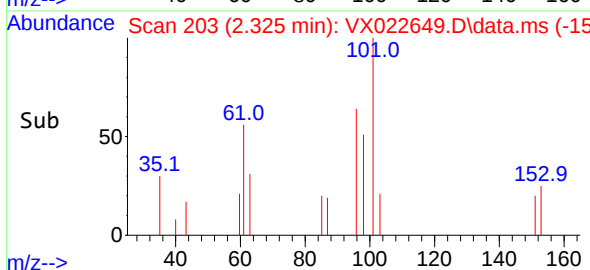
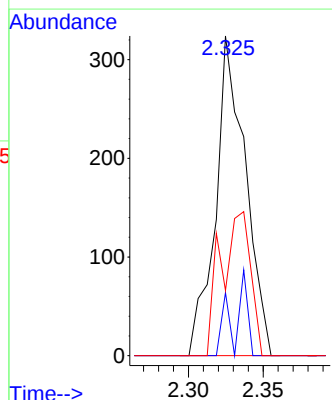
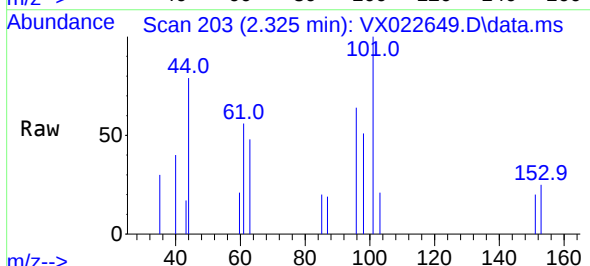
Instrument :
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 ClientSampleId :
 BRP2-20210608DL

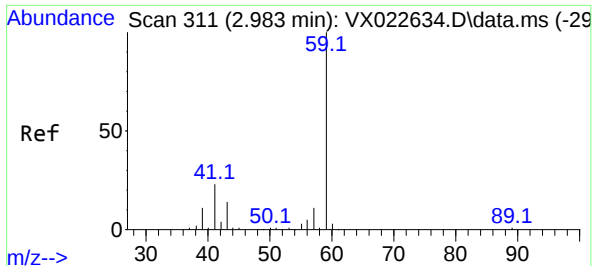
Tgt Ion: 62 Resp: 1306
 Ion Ratio Lower Upper
 62 100
 64 30.2 25.7 38.5



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.647 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX022649.D
 Acq: 10 Jun 2021 17:18

Tgt Ion: 101 Resp: 450
 Ion Ratio Lower Upper
 101 100
 85 5.1 34.9 52.3#
 151 44.4 61.4 92.2#



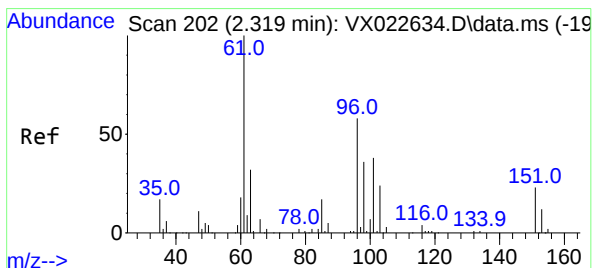
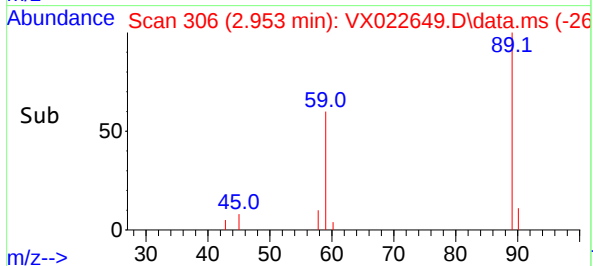
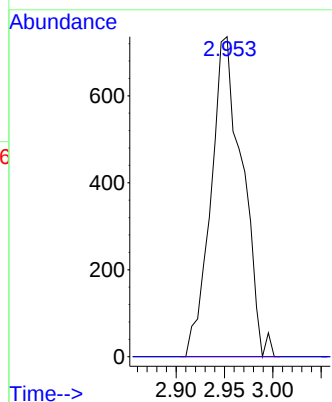
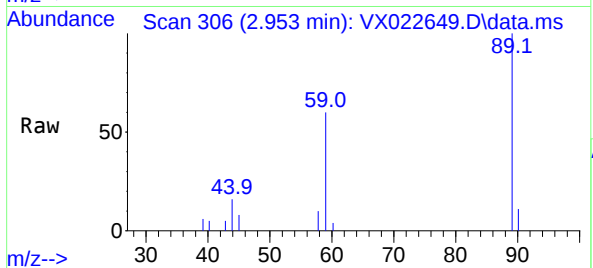


#11

Tert butyl alcohol
Concen: 7.033 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

Instrument :
MSVOA_X
ClientSampleId :
BRP2-20210608DL

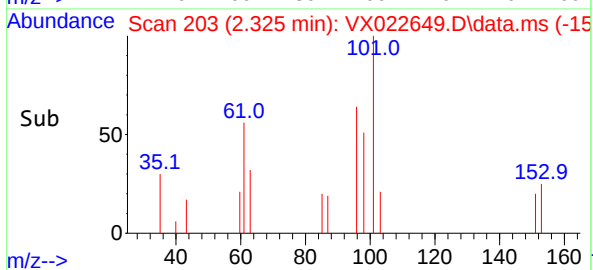
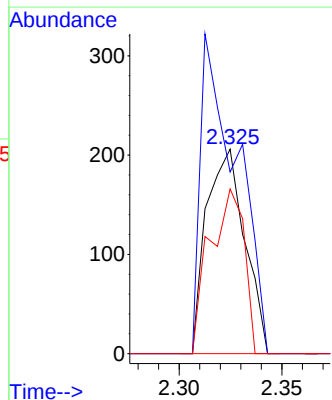
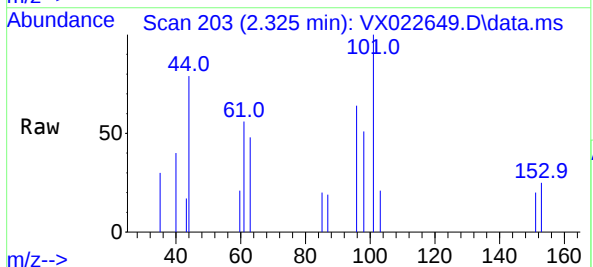
Tgt Ion: 59 Resp: 1664
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

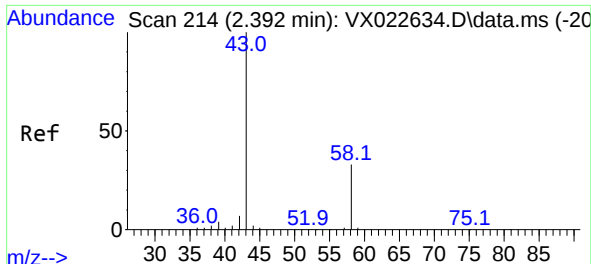


#12

1,1-Dichloroethene
Concen: 0.386 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

Tgt Ion: 96 Resp: 266
Ion Ratio Lower Upper
96 100
61 88.8 124.6 187.0#
98 80.6 50.6 76.0#

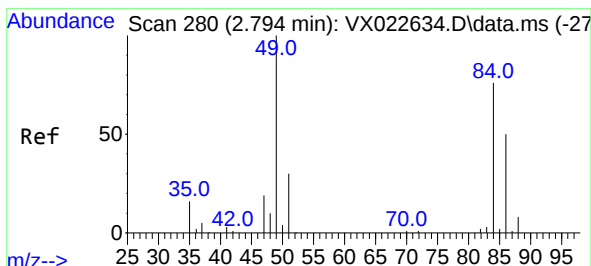
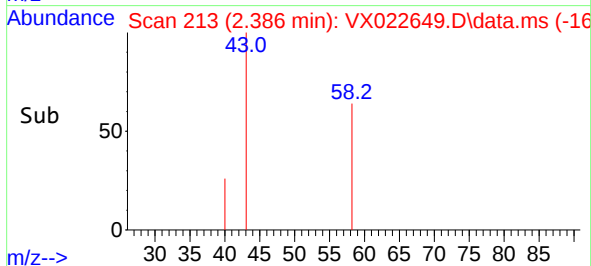
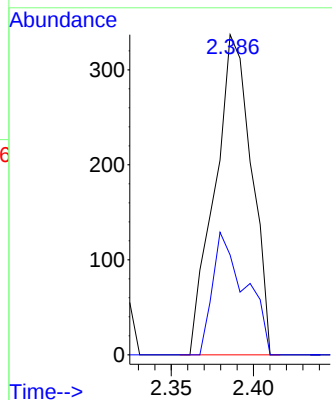
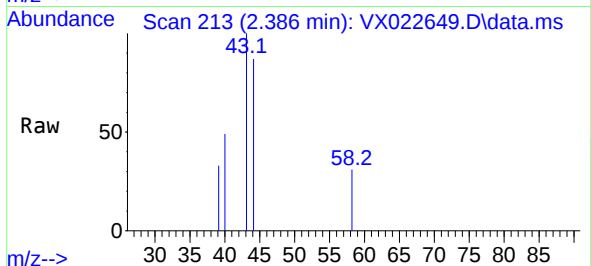




#16
Acetone
Concen: 1.143 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

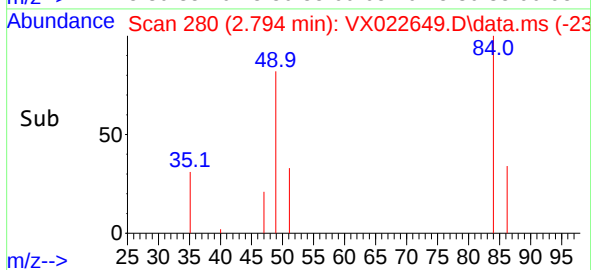
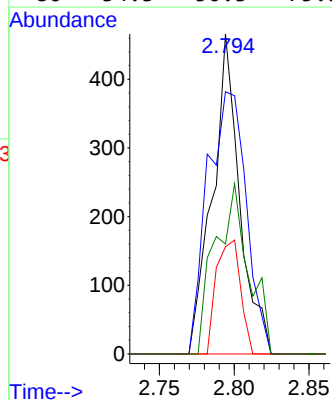
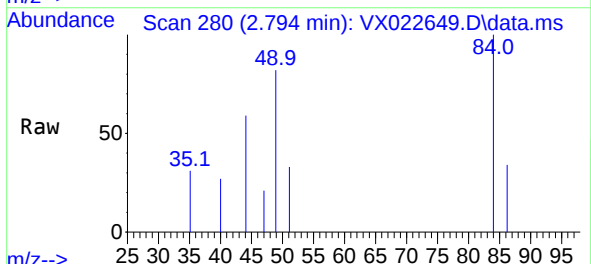
Instrument :
MSVOA_X
ClientSampleId :
BRP2-20210608DL

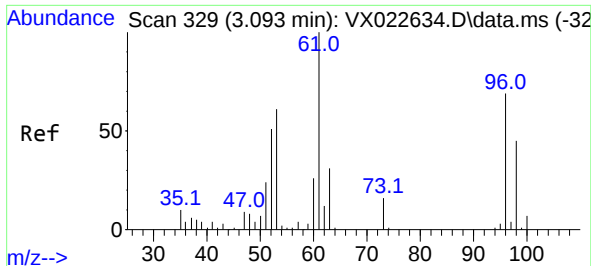
Tgt Ion: 43 Resp: 523
Ion Ratio Lower Upper
43 100
58 31.2 27.8 41.8



#20
Methylene Chloride
Concen: 0.391 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

Tgt Ion: 84 Resp: 589
Ion Ratio Lower Upper
84 100
49 82.0 88.6 132.8#
51 33.5 27.0 40.6
86 34.3 50.3 75.5#

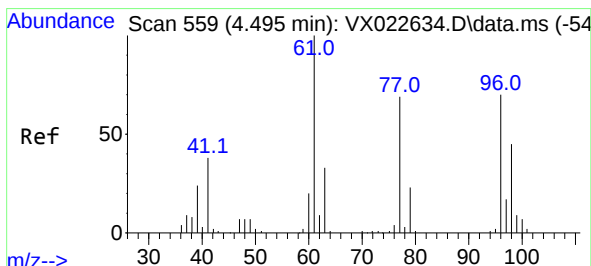
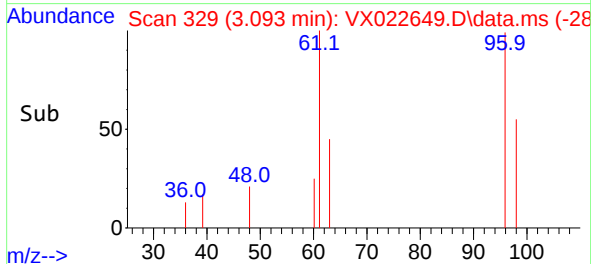
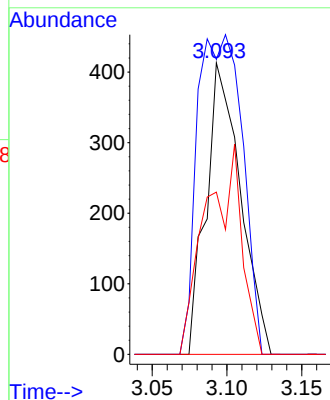
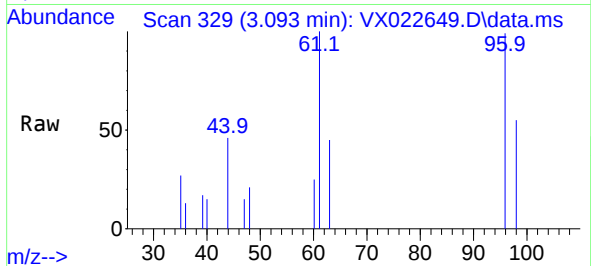




#21
trans-1,2-Dichloroethene
Concen: 0.865 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

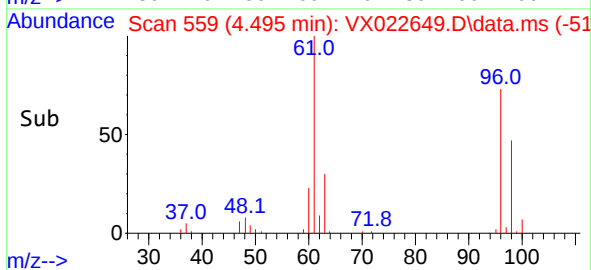
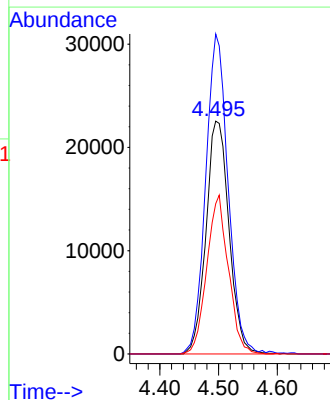
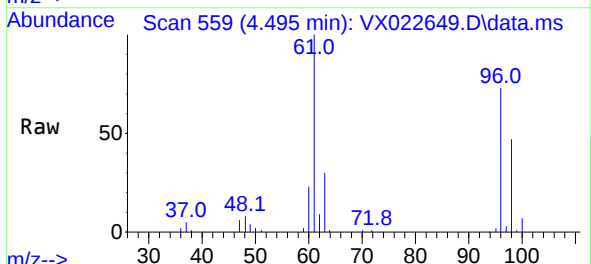
Instrument :
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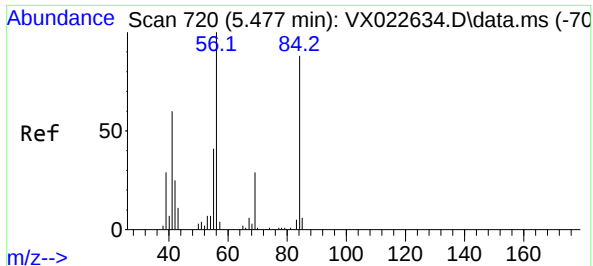
Tgt Ion: 96 Resp: 661
Ion Ratio Lower Upper
96 100
61 101.2 107.7 161.5#
98 55.7 50.4 75.6



#27
cis-1,2-Dichloroethene
Concen: 65.928 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

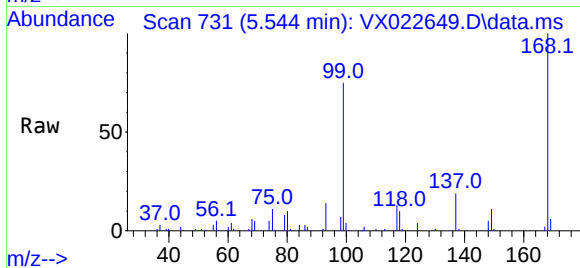
Tgt Ion: 96 Resp: 61403
Ion Ratio Lower Upper
96 100
61 133.9 0.0 285.6
98 63.9 0.0 129.6



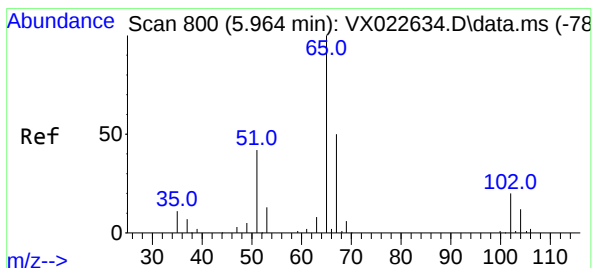
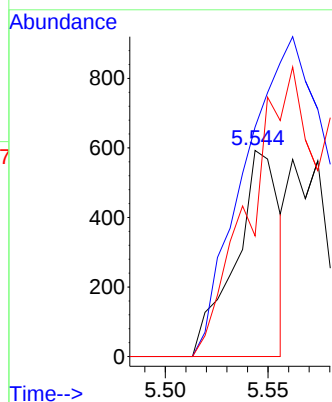
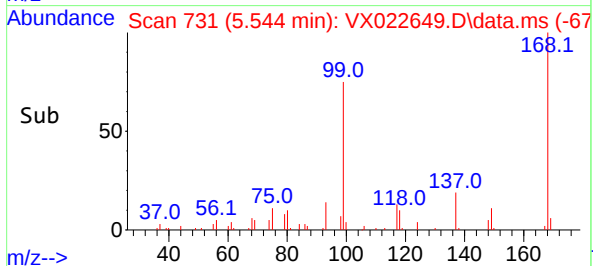


#31
Cyclohexane
Concen: 0.713 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.067 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

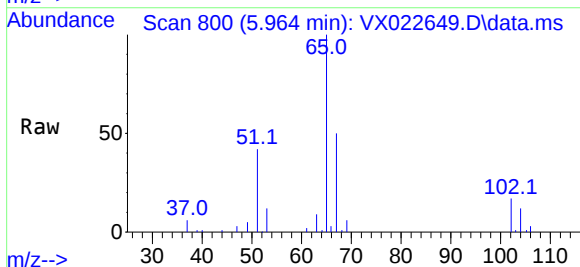
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BRP2-20210608DL



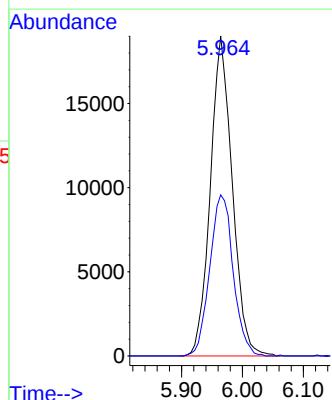
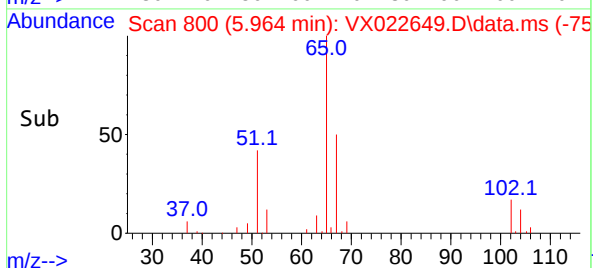
Tgt Ion: 56 Resp: 879
Ion Ratio Lower Upper
56 100
69 111.3 25.3 37.9#
84 58.5 71.4 107.0#

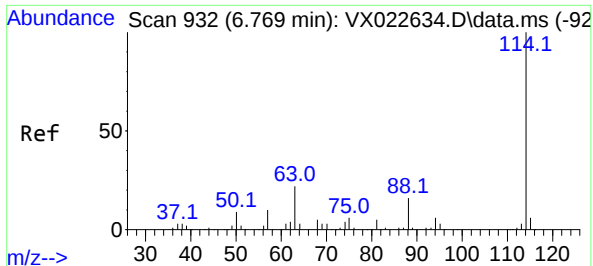


#33
1,2-Dichloroethane-d4
Concen: 46.538 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18



Tgt Ion: 65 Resp: 47558
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.4

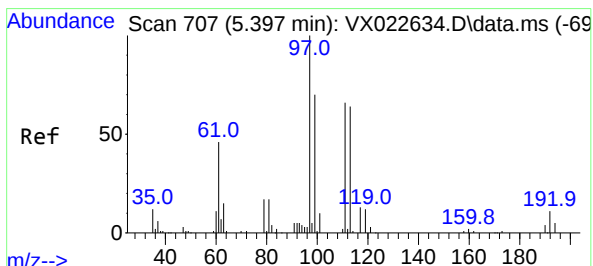
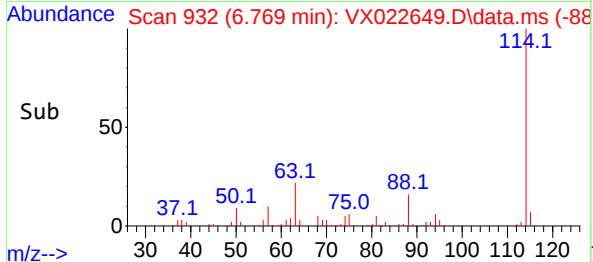
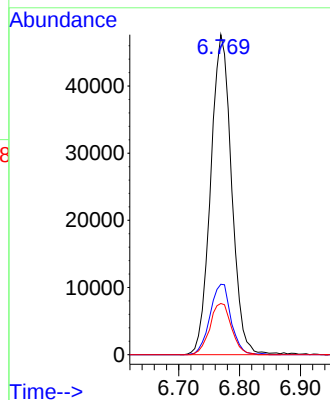
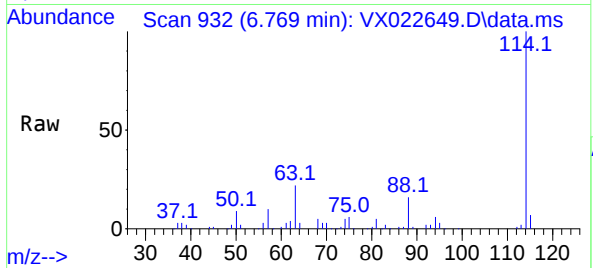




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

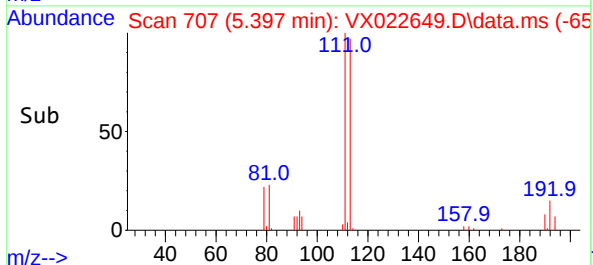
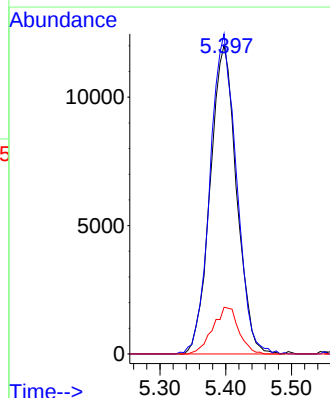
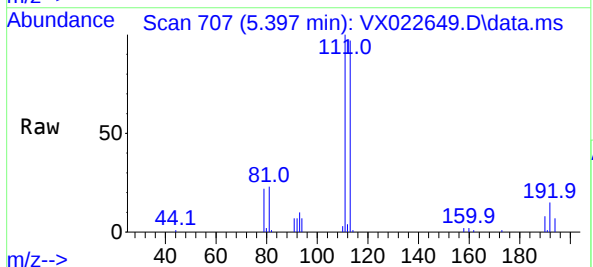
Instrument :
MSVOA_X
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BRP2-20210608DL

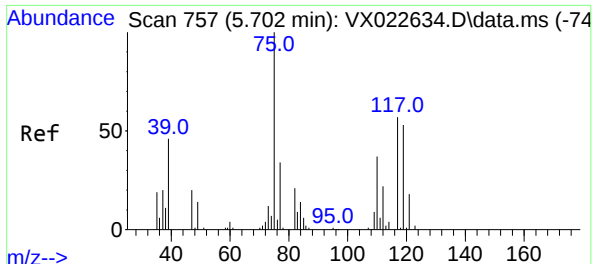
Tgt Ion:114 Resp: 113585
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.241 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

Tgt Ion:113 Resp: 33511
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 14.9 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.167 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022649.D

Acq: 10 Jun 2021 17:18

Tgt Ion: 75 Resp: 5848

Ion Ratio Lower Upper

75 100

110 4.7 18.1 54.4#

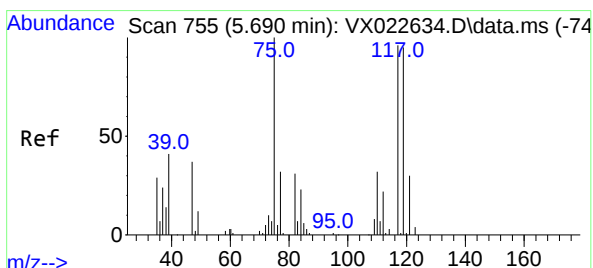
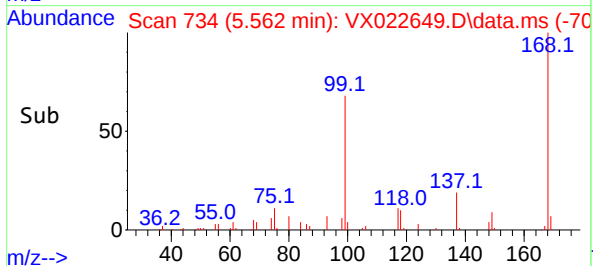
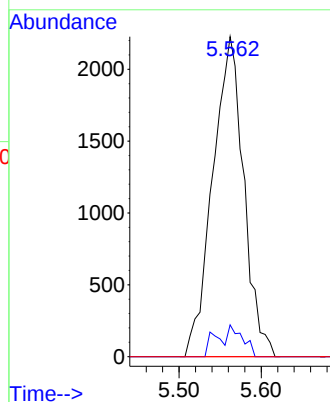
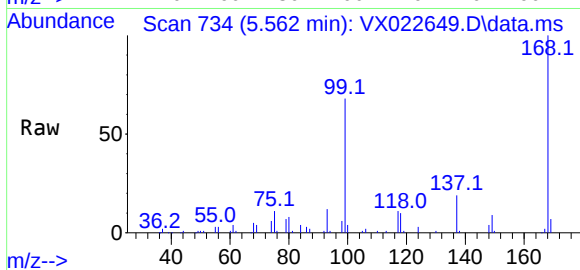
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

BRP2-20210608DL



#38

Carbon Tetrachloride

Concen: 6.543 ug/l

RT: 5.574 min Scan# 736

Delta R.T. -0.104 min

Lab File: VX022649.D

Acq: 10 Jun 2021 17:18

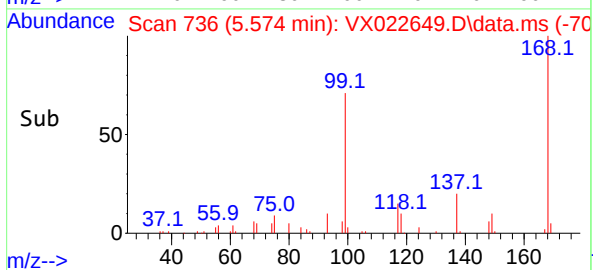
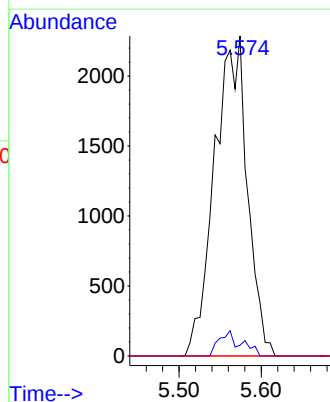
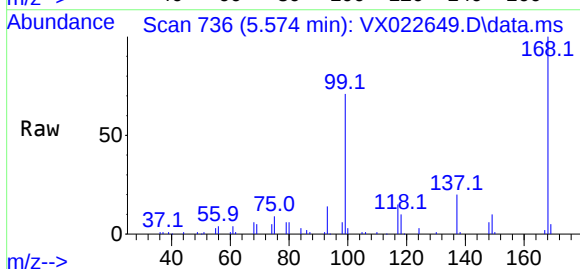
Tgt Ion:117 Resp: 6334

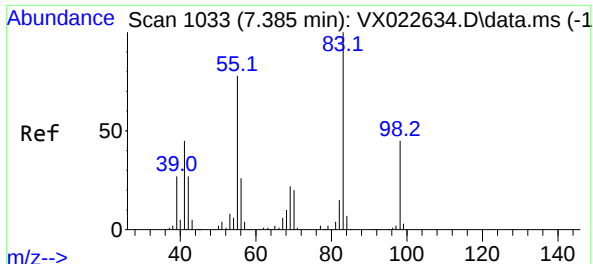
Ion Ratio Lower Upper

117 100

119 3.3 76.2 114.2#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.276 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX022649.D

Acq: 10 Jun 2021 17:18

Tgt Ion: 83 Resp: 326

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

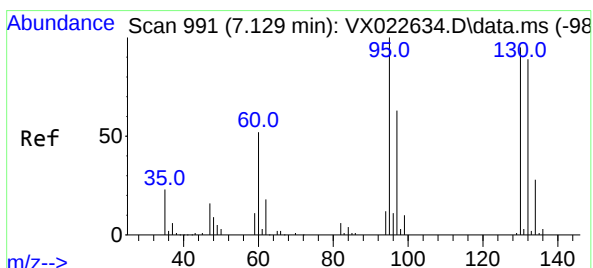
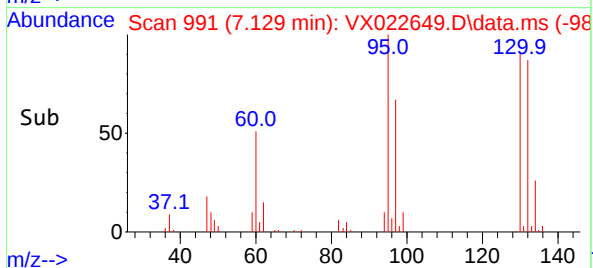
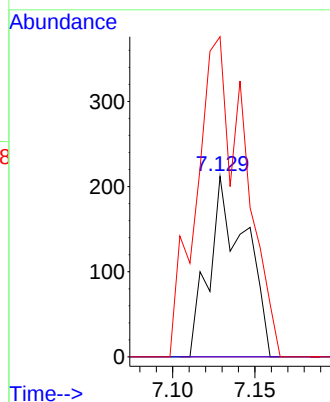
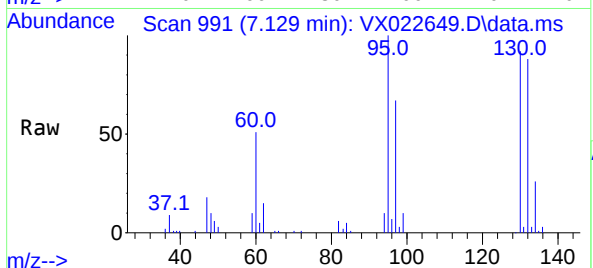
98 177.4 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

BRP2-20210608DL



#44

Trichloroethene

Concen: 31.603 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022649.D

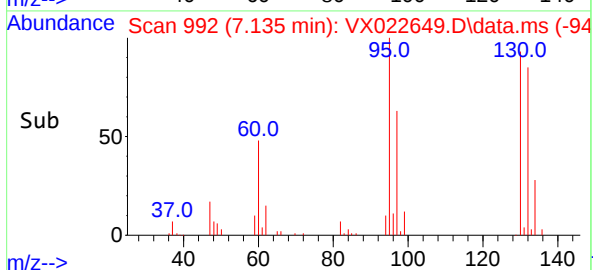
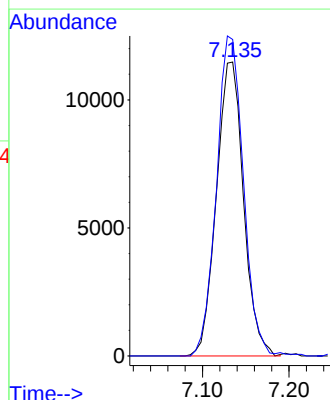
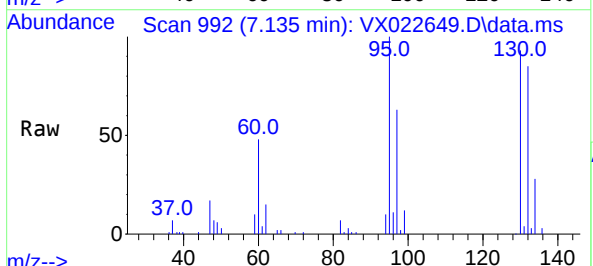
Acq: 10 Jun 2021 17:18

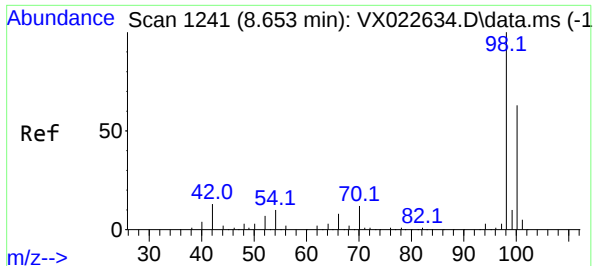
Tgt Ion:130 Resp: 24979

Ion Ratio Lower Upper

130 100

95 107.7 0.0 198.0





#50

Toluene-d8

Concen: 48.681 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022649.D

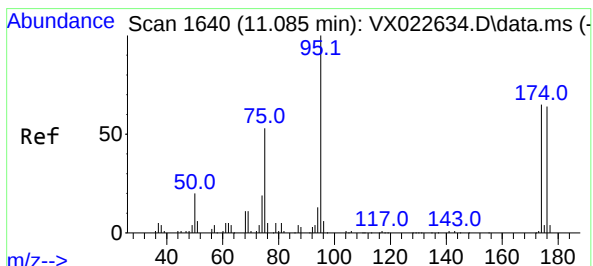
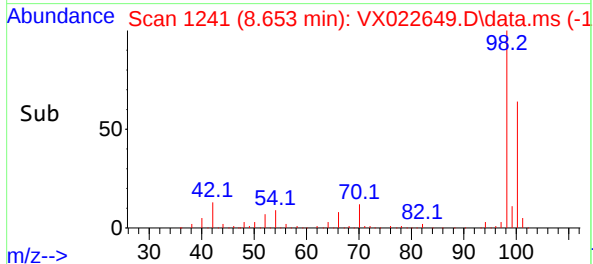
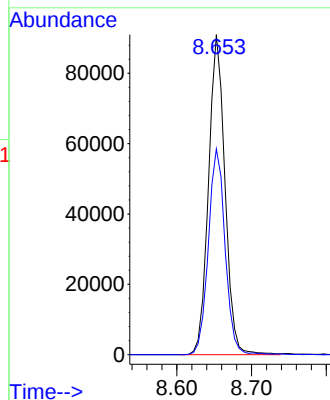
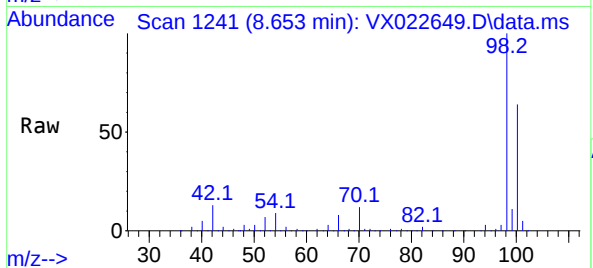
Acq: 10 Jun 2021 17:18

Tgt Ion: 98 Resp: 139072

Ion Ratio Lower Upper

98 100

100 65.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 42.335 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022649.D

Acq: 10 Jun 2021 17:18

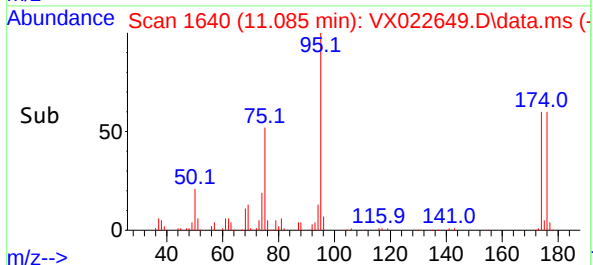
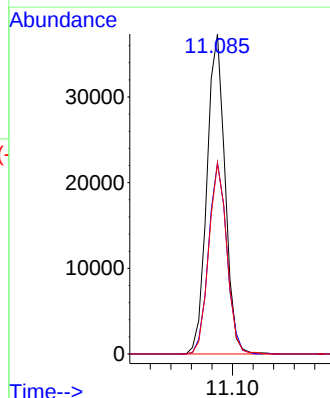
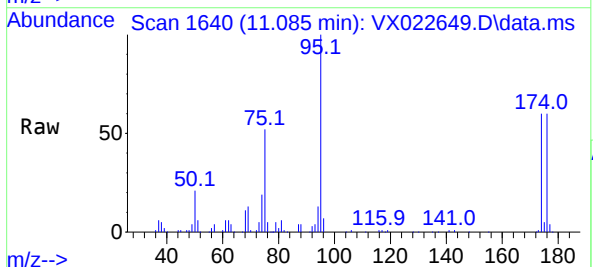
Tgt Ion: 95 Resp: 45741

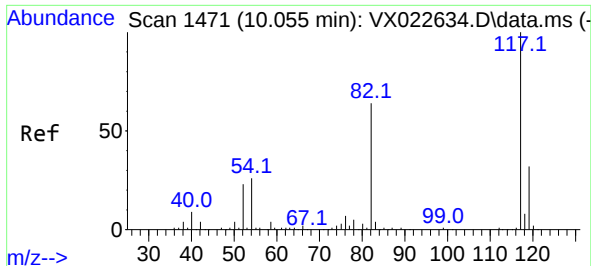
Ion Ratio Lower Upper

95 100

174 60.3 0.0 154.6

176 59.7 0.0 155.8

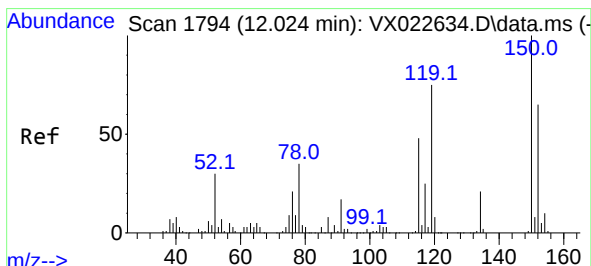
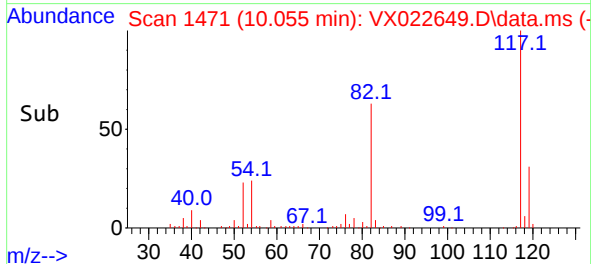
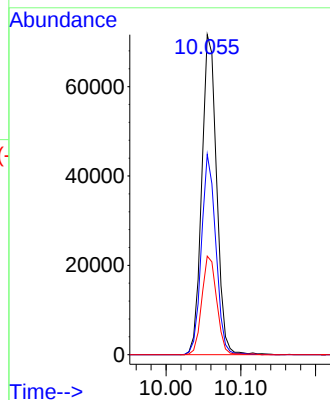
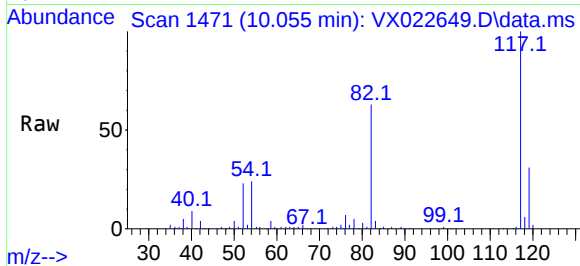




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

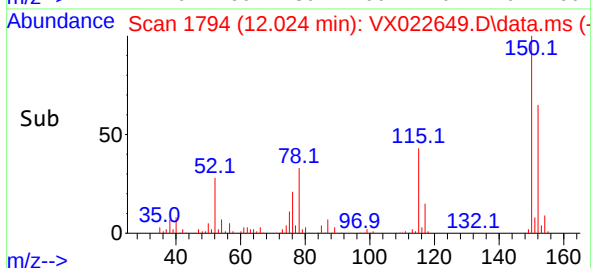
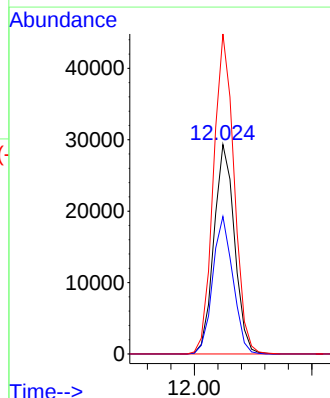
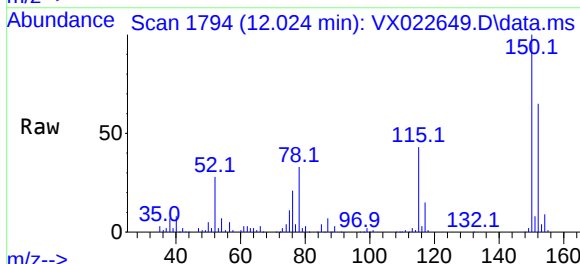
Instrument :
MSVOA_X
ClientSampleId :
BRP2-20210608DL

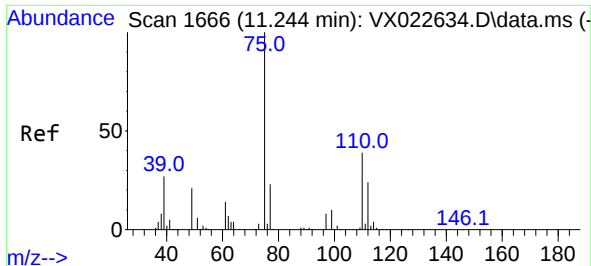
Tgt Ion:	117	Resp:	98809
Ion	Ratio	Lower	Upper
117	100		
82	62.6	47.4	71.2
119	30.8	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

Tgt Ion:	152	Resp:	35776
Ion	Ratio	Lower	Upper
152	100		
115	64.3	41.1	123.3
150	153.1	0.0	349.0

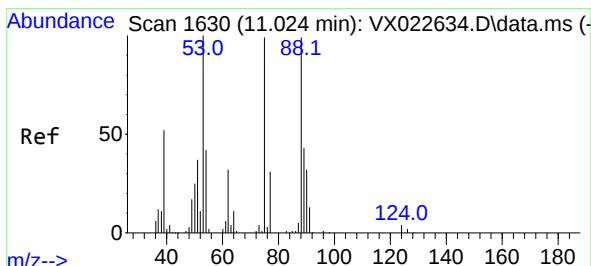
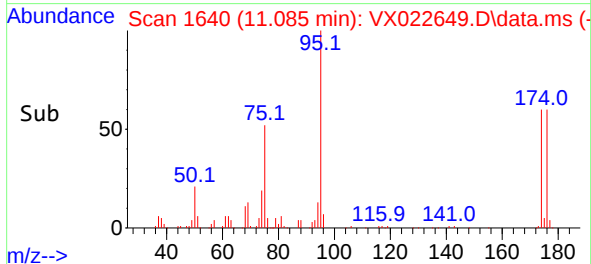
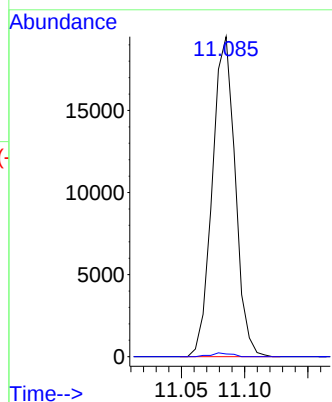
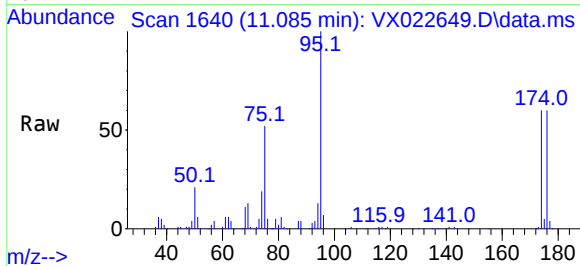




#76
1,2,3-Trichloropropane
Concen: 25.821 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

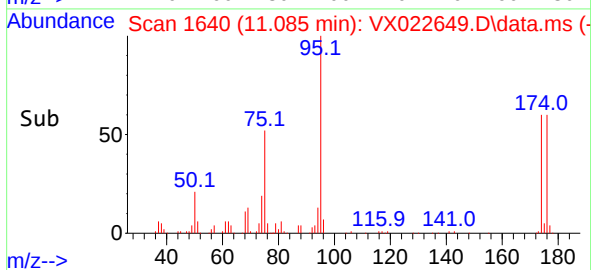
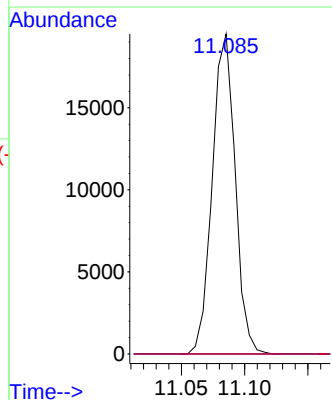
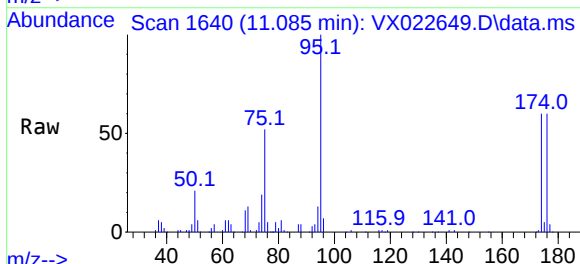
Instrument :
MSVOA_X
ClientSampleId :
BRP2-20210608DL

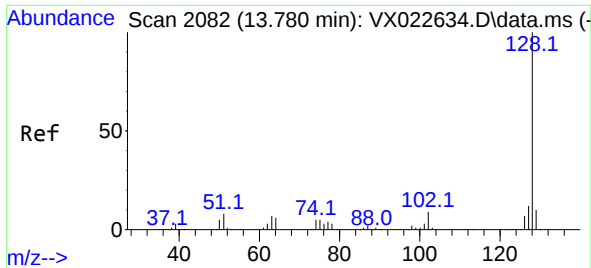
Tgt Ion: 75 Resp: 24493
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.818 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

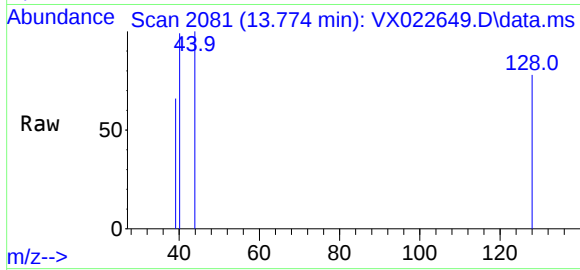
Tgt Ion: 75 Resp: 24493
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.502 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX022649.D
Acq: 10 Jun 2021 17:18

Instrument :
MSVOA_X
ClientSampleId :
BRP2-20210608DL



Tgt Ion:	128	Resp:	85
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

