

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060921\
 Data File : VX022619.D
 Acq On : 09 Jun 2021 17:17
 Operator : JC/MD
 Sample : M2652-04 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BRP2-20210608

Quant Time: Jun 10 05:44:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

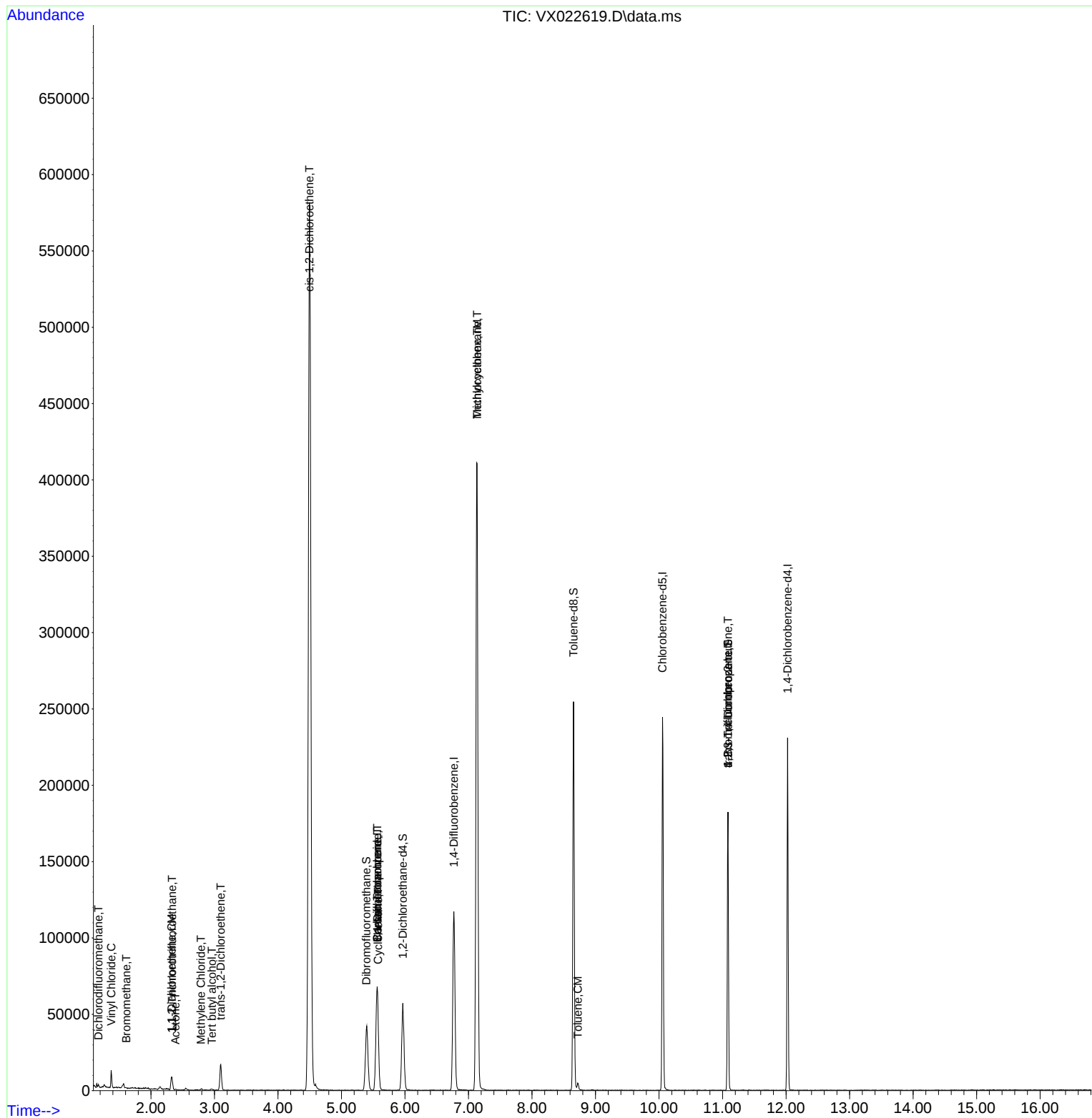
Internal Standards						
1) Pentafluorobenzene	5.562	168	56933	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	115883	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40396	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49356	48.76	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.52%		
35) Dibromofluoromethane	5.391	113	35615	49.12	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.24%		
50) Toluene-d8	8.653	98	144929	50.10	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.20%		
62) 4-Bromofluorobenzene	11.085	95	48938	45.51	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.02%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	1550	2.33	ug/l	80
4) Vinyl Chloride	1.374	62	6509	8.32	ug/l	100
5) Bromomethane	1.611	94	94	0.23	ug/l #	64
9) 1,1,2-Trichlorotrifluo...	2.331	101	1832	2.62	ug/l	92
11) Tert butyl alcohol	2.959	59	607	2.67	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	1680	2.33	ug/l	94
16) Acetone	2.386	43	522	1.15	ug/l #	84
20) Methylene Chloride	2.788	84	424	0.45	ug/l #	76
21) trans-1,2-Dichloroethene	3.099	96	6380	7.85	ug/l	92
27) cis-1,2-Dichloroethene	4.495	96	346987	363.51	ug/l	92
31) Cyclohexane	5.574	56	1793	1.50	ug/l #	58
36) 1,1-Dichloropropene	5.562	75	6032	5.38	ug/l #	47
38) Carbon Tetrachloride	5.562	117	6886	8.42	ug/l #	16
39) Methylcyclohexane	7.135	83	2119	3.47	ug/l #	1
44) Trichloroethene	7.135	130	142455	174.51	ug/l	94
52) Toluene	8.720	92	1621	0.75	ug/l	95
76) 1,2,3-Trichloropropane	11.085	75	26974	25.78	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	26974	63.60	ug/l #	12

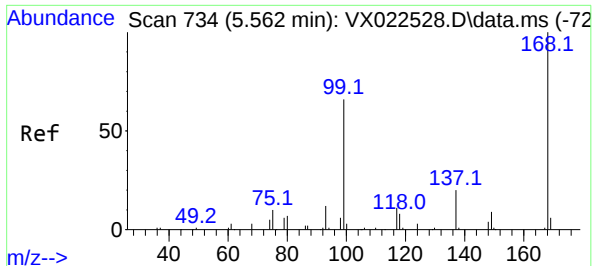
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
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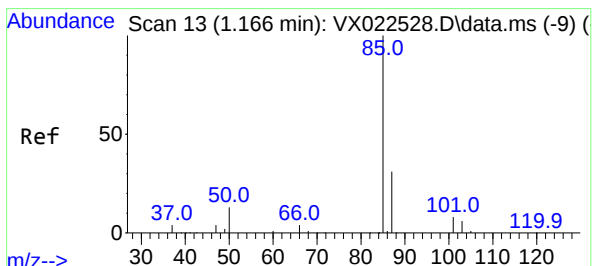
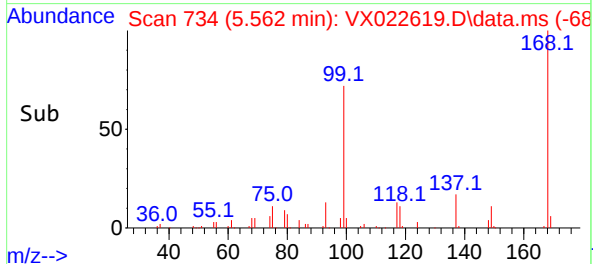
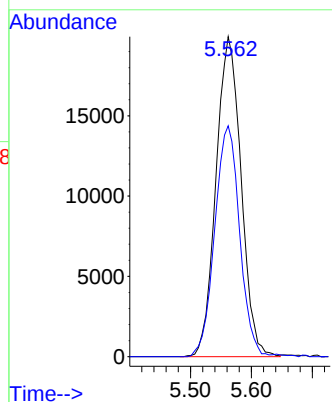
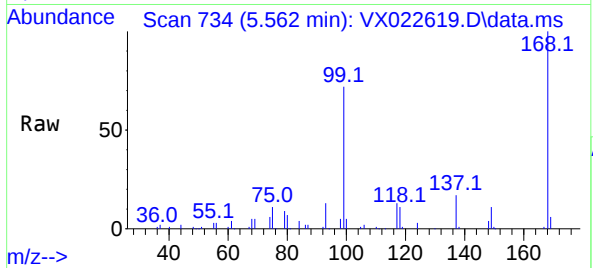




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

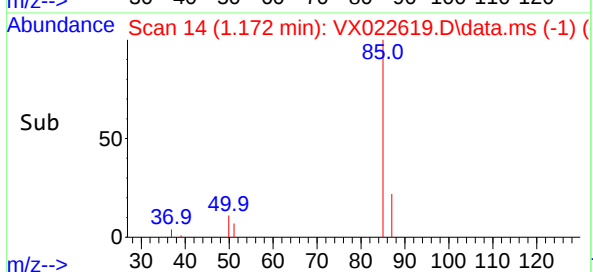
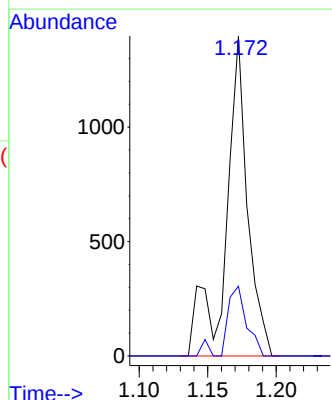
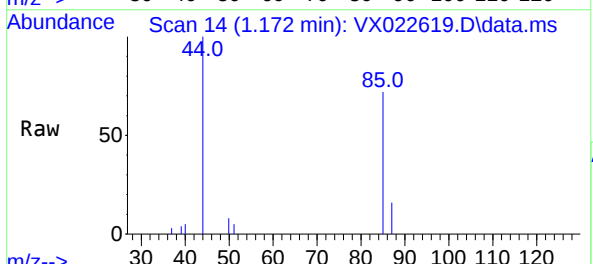
Instrument :
MSVOA_X
ClientSampleId :
BRP2-20210608

Tgt Ion:168 Resp: 56933
Ion Ratio Lower Upper
168 100
99 72.1 45.8 68.6#

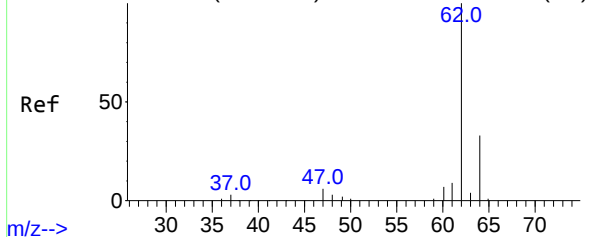


#2
Dichlorodifluoromethane
Concen: 2.33 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

Tgt Ion: 85 Resp: 1550
Ion Ratio Lower Upper
85 100
87 21.8 16.4 49.2



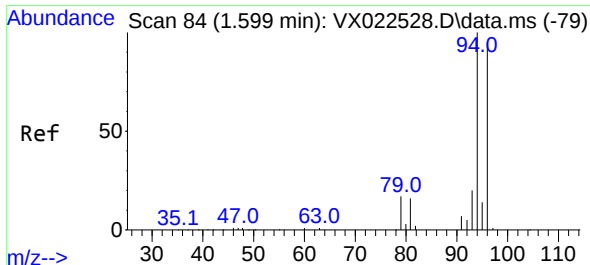
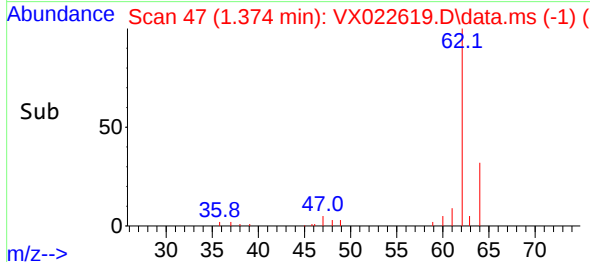
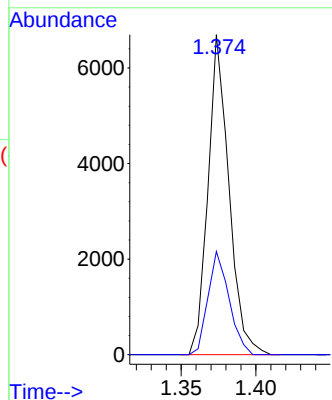
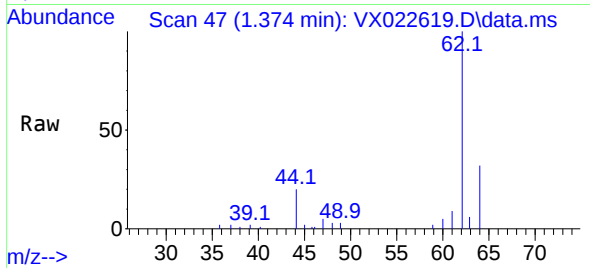
Abundance Scan 47 (1.374 min): VX022528.D\data.ms (-42)



#4
Vinyl Chloride
Concen: 8.32 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

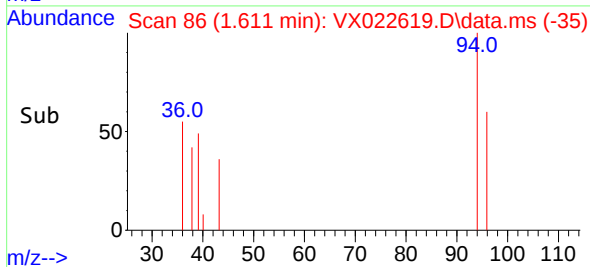
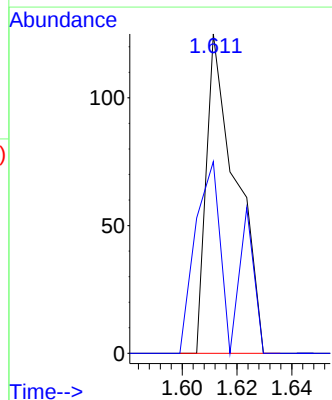
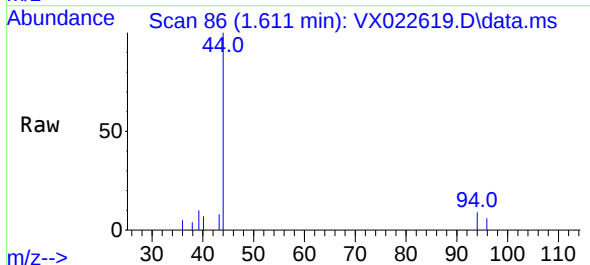
Tgt Ion: 62 Resp: 6509
Ion Ratio Lower Upper
62 100
64 32.2 25.7 38.5

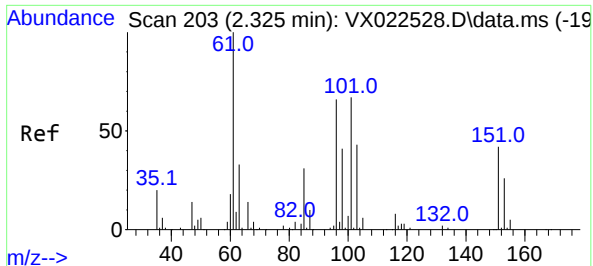
Instrument :
MSVOA_X
ClientSampleId :
BRP2-20210608



#5
Bromomethane
Concen: 0.23 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

Tgt Ion: 94 Resp: 94
Ion Ratio Lower Upper
94 100
96 60.0 76.4 114.6#

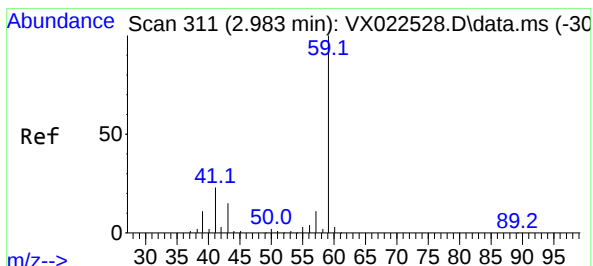
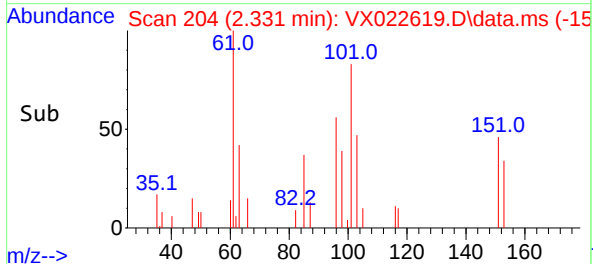
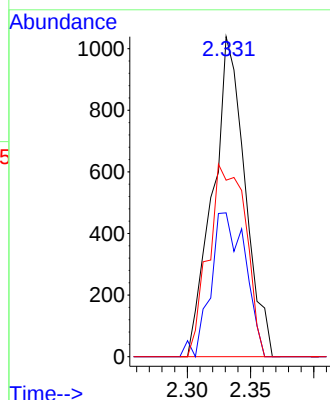
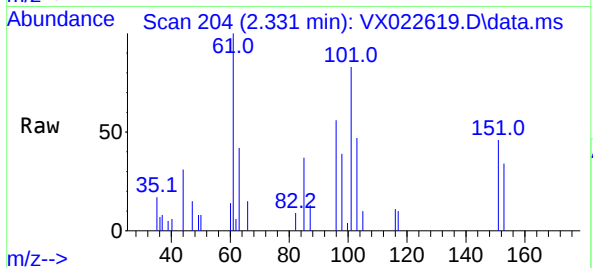




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.62 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

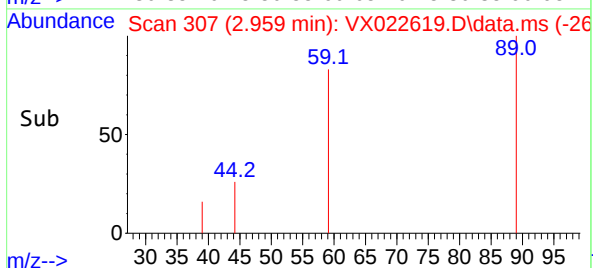
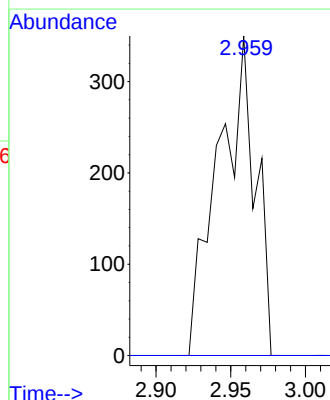
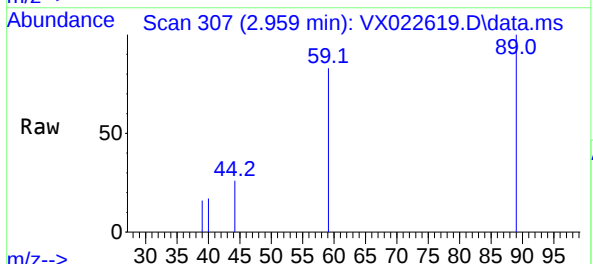
Instrument :
MSVOA_X
ClientSampleId :
BRP2-20210608

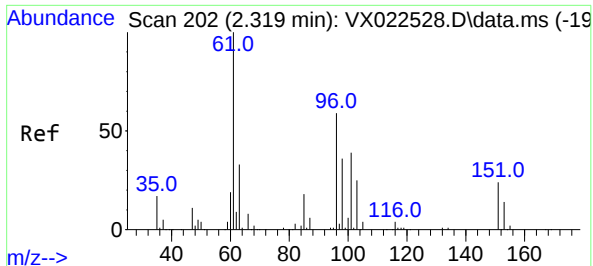
Tgt Ion:101 Resp: 1832
Ion Ratio Lower Upper
101 100
85 48.5 34.9 52.3
151 69.4 61.4 92.2



#11
Tert butyl alcohol
Concen: 2.67 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

Tgt Ion: 59 Resp: 607
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 2.33 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX022619.D

Acq: 09 Jun 2021 17:17

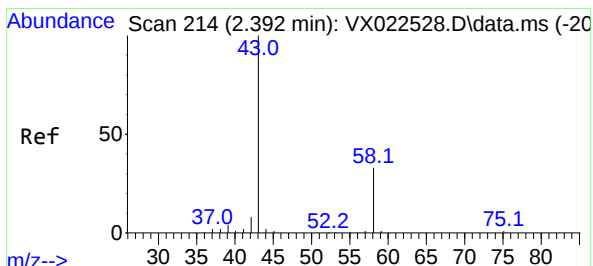
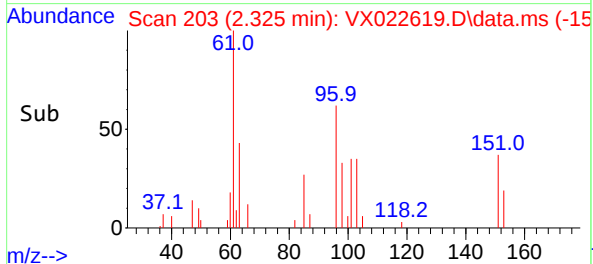
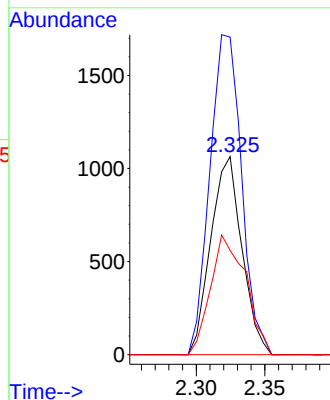
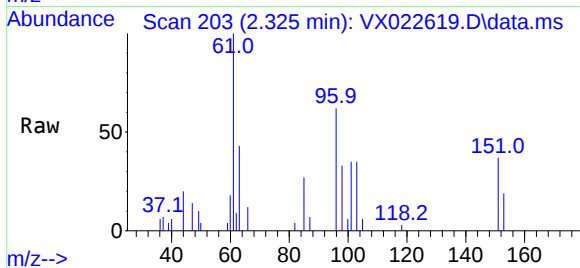
Tgt Ion: 96 Resp: 1680

Ion Ratio Lower Upper

96 100

61 160.3 124.6 187.0

98 52.6 50.6 76.0



#16

Acetone

Concen: 1.15 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX022619.D

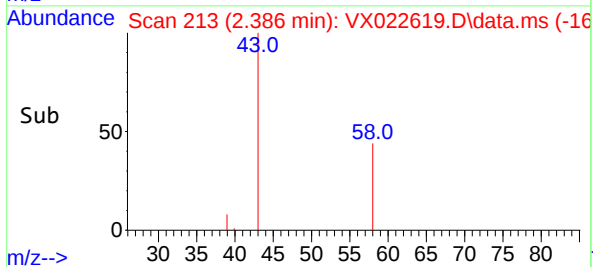
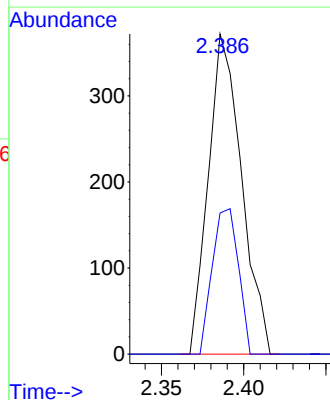
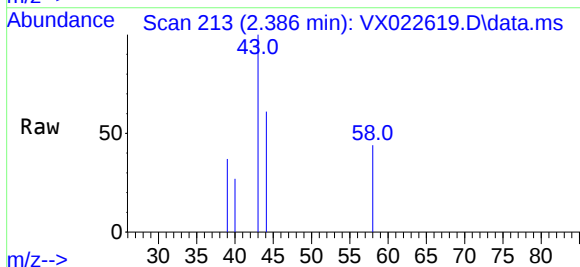
Acq: 09 Jun 2021 17:17

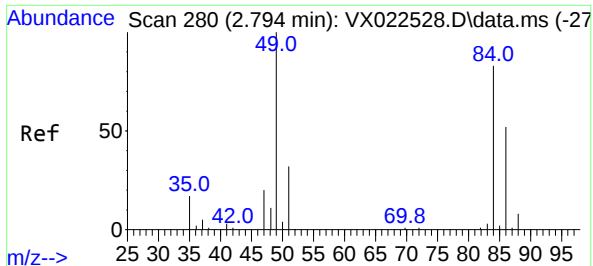
Tgt Ion: 43 Resp: 522

Ion Ratio Lower Upper

43 100

58 44.1 27.8 41.8#





#20

Methylene Chloride

Concen: 0.45 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022619.D

Acq: 09 Jun 2021 17:17

Tgt Ion: 84 Resp: 424

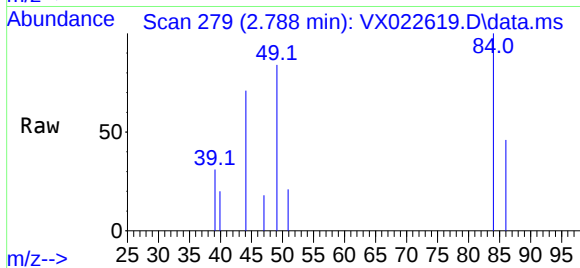
Ion Ratio Lower Upper

84 100

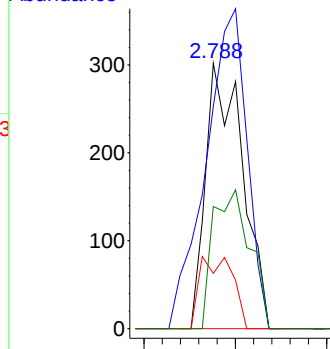
49 83.8 88.6 132.8#

51 20.9 27.0 40.6#

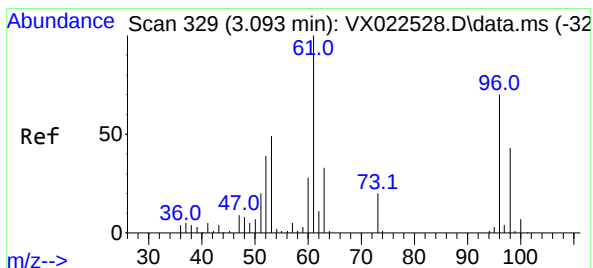
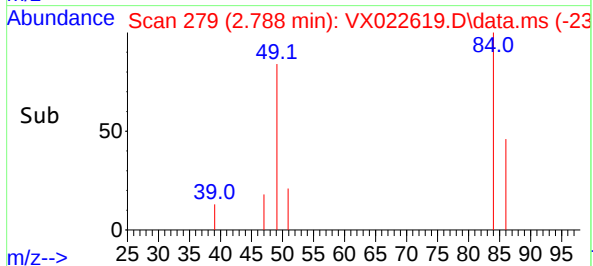
86 46.0 50.3 75.5#



Abundance



Time-->



#21

trans-1,2-Dichloroethene

Concen: 7.85 ug/l

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX022619.D

Acq: 09 Jun 2021 17:17

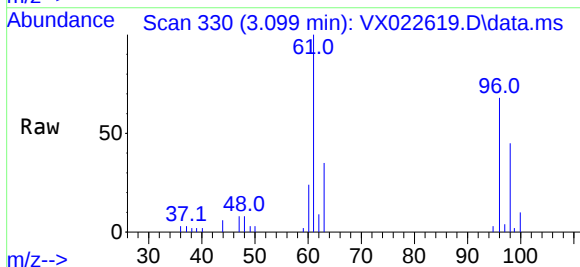
Tgt Ion: 96 Resp: 6380

Ion Ratio Lower Upper

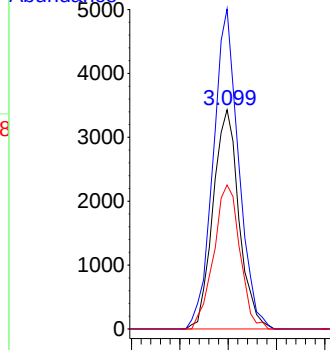
96 100

61 146.0 107.7 161.5

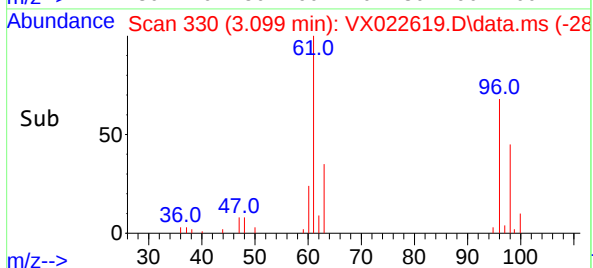
98 65.7 50.4 75.6

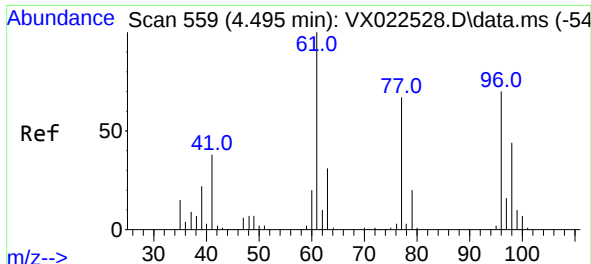


Abundance



Time-->



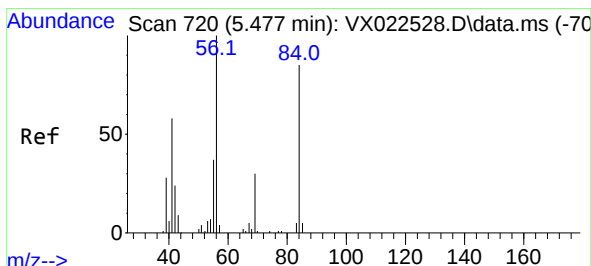
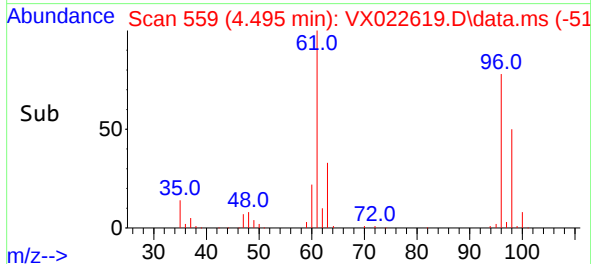
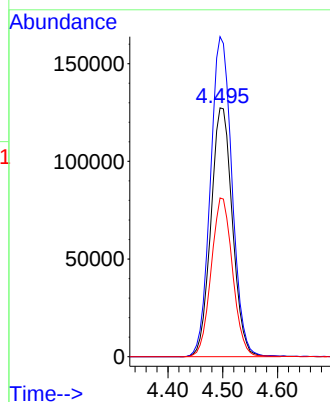
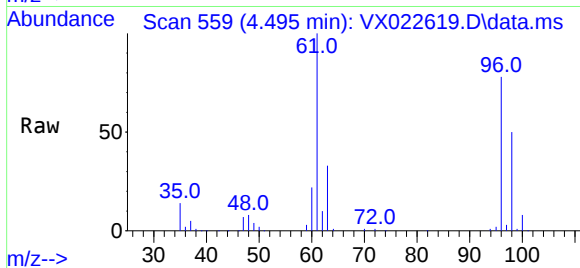


#27
cis-1,2-Dichloroethene
Concen: 363.51 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

Instrument :
MSVOA_X
ClientSampleId :
BRP2-20210608

Tgt Ion: 96 Resp: 346987

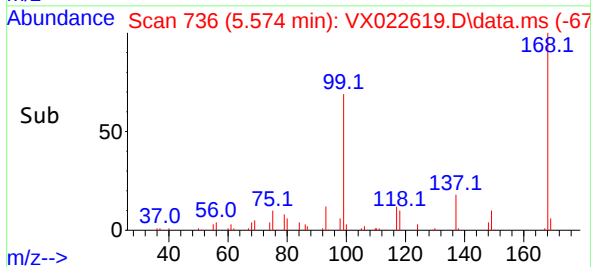
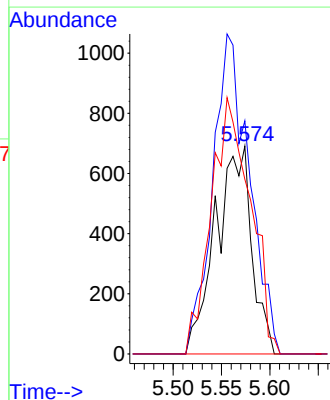
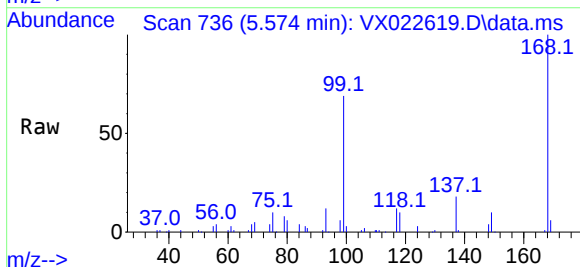
Ion	Ratio	Lower	Upper
96	100		
61	129.0	0.0	285.6
98	63.5	0.0	129.6

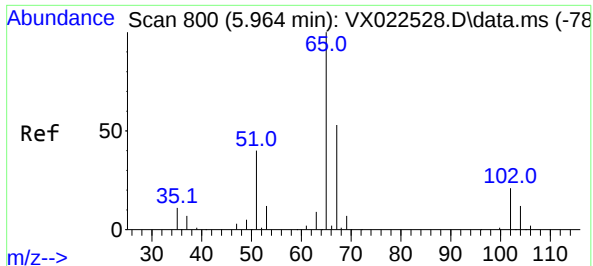


#31
Cyclohexane
Concen: 1.50 ug/l
RT: 5.574 min Scan# 736
Delta R.T. 0.097 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

Tgt Ion: 56 Resp: 1793

Ion	Ratio	Lower	Upper
56	100		
69	112.2	25.3	37.9#
84	84.1	71.4	107.0



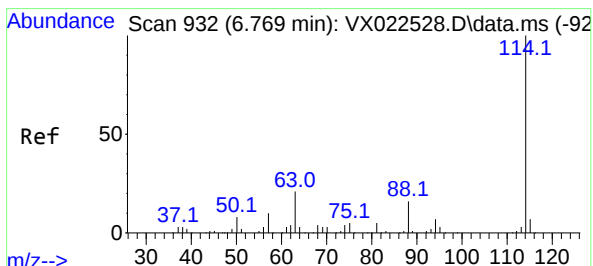
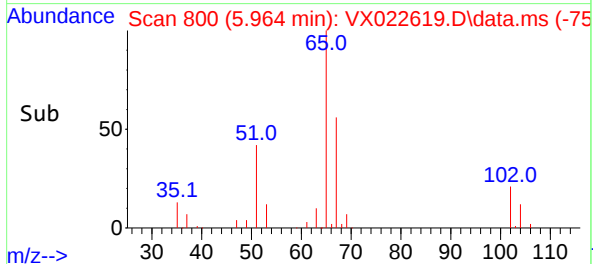
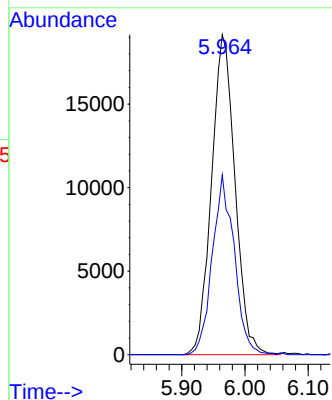
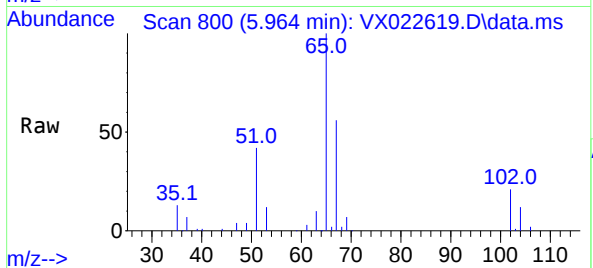


#33

1,2-Dichloroethane-d4
Concen: 48.76 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

Instrument :
MSVOA_X
ClientSampleId :
BRP2-20210608

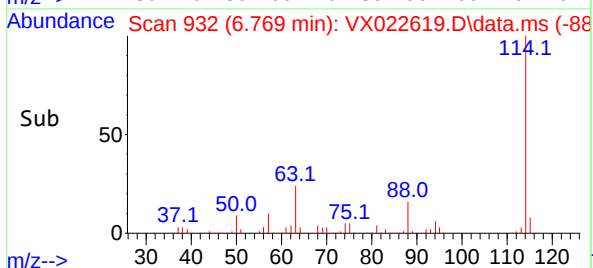
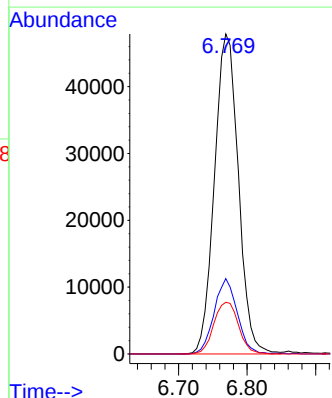
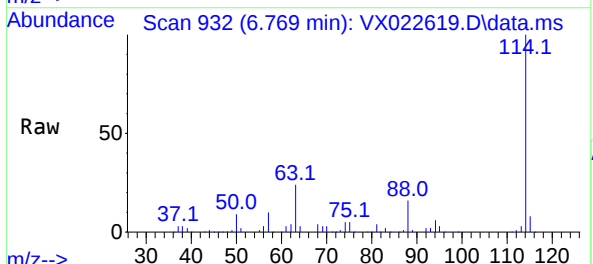
Tgt Ion: 65 Resp: 49356
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

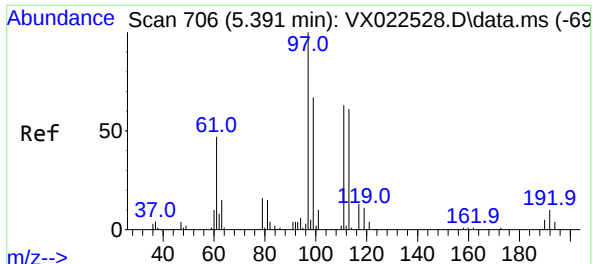


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

Tgt Ion: 114 Resp: 115883
Ion Ratio Lower Upper
114 100
63 23.6 0.0 40.8
88 16.2 0.0 32.8

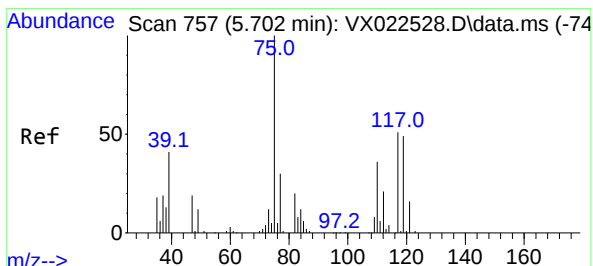
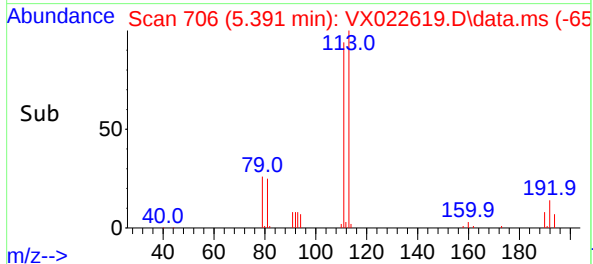
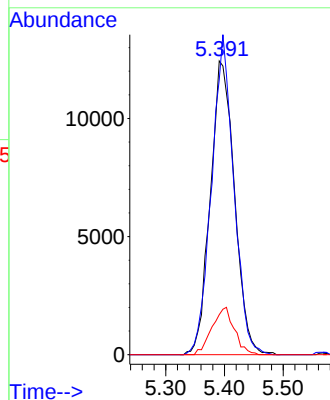
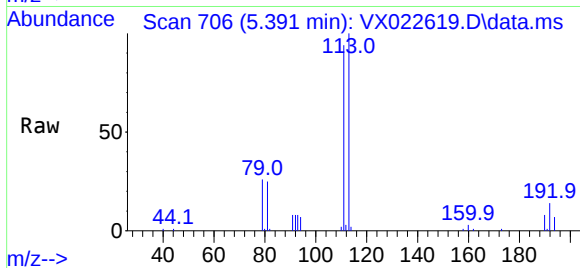




#35
Dibromofluoromethane
Concen: 49.12 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

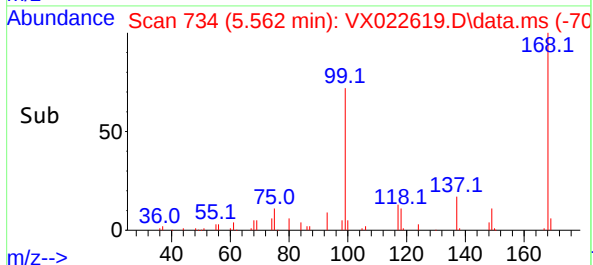
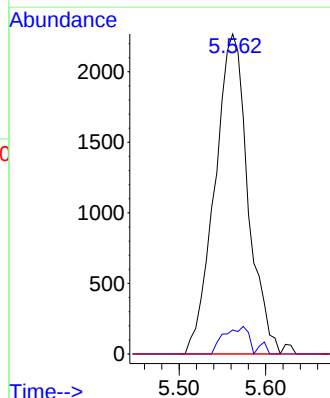
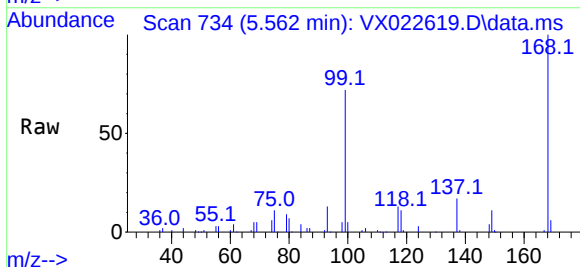
Instrument :
MSVOA_X
ClientSampleId :
BRP2-20210608

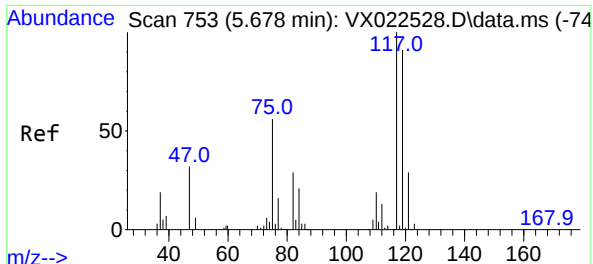
Tgt Ion:	113	Resp:	35615
Ion	Ratio	Lower	Upper
113	100		
111	100.2	81.9	122.9
192	14.9	16.7	25.1#



#36
1,1-Dichloropropene
Concen: 5.38 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

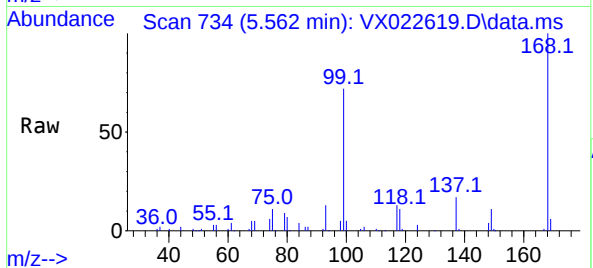
Tgt Ion:	75	Resp:	6032
Ion	Ratio	Lower	Upper
75	100		
110	6.6	18.1	54.4#
77	0.0	25.3	37.9#



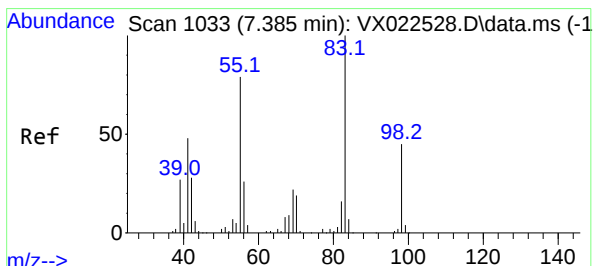
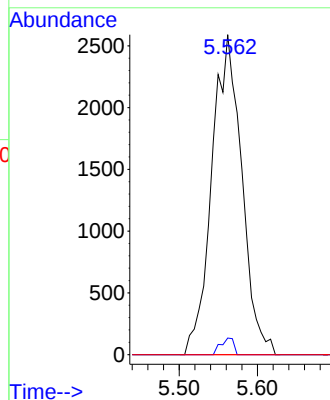
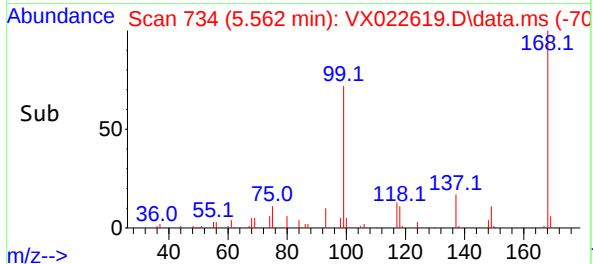


#38
Carbon Tetrachloride
Concen: 8.42 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

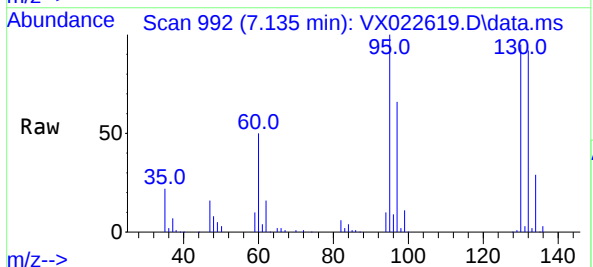
Instrument :
MSVOA_X
ClientSampleId :
BRP2-20210608



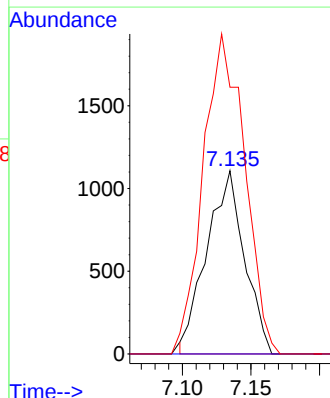
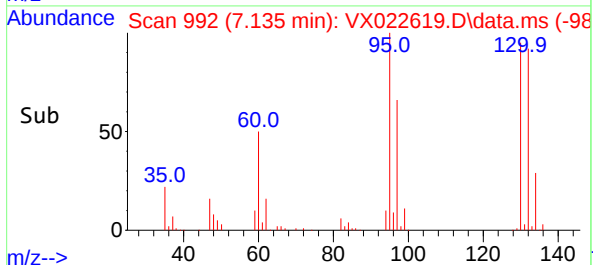
Tgt Ion:117 Resp: 6886
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

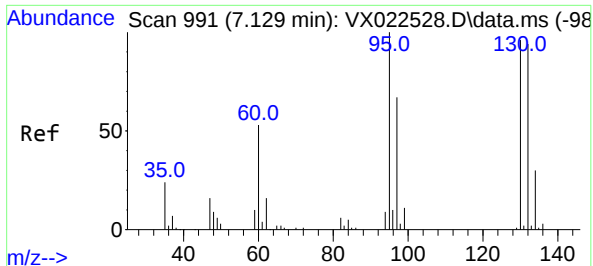


#39
Methylcyclohexane
Concen: 3.47 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17



Tgt Ion: 83 Resp: 2119
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 145.6 38.1 57.1#

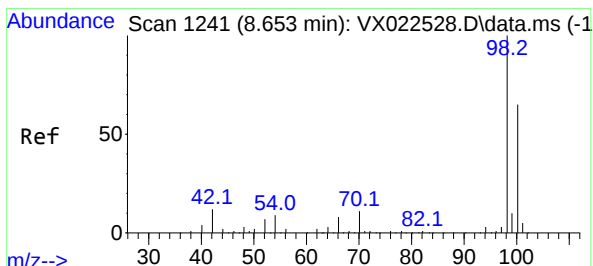
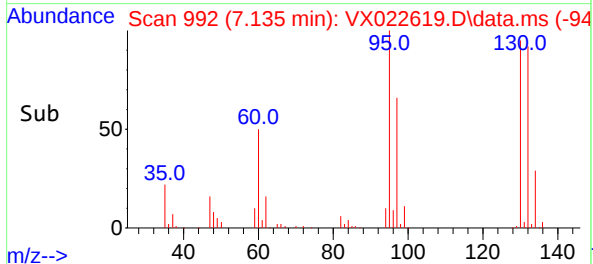
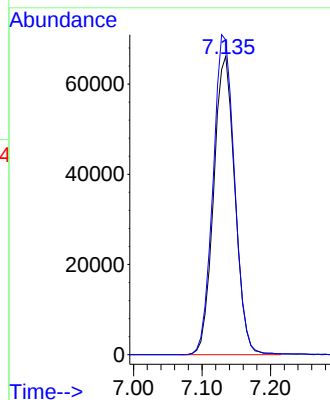
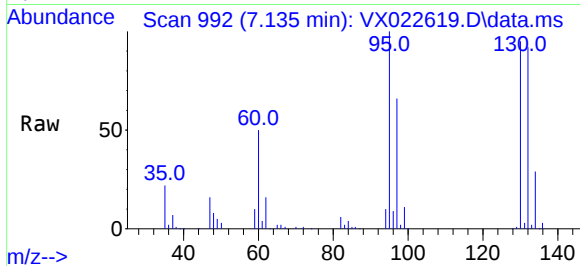




#44
Trichloroethene
Concen: 174.51 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

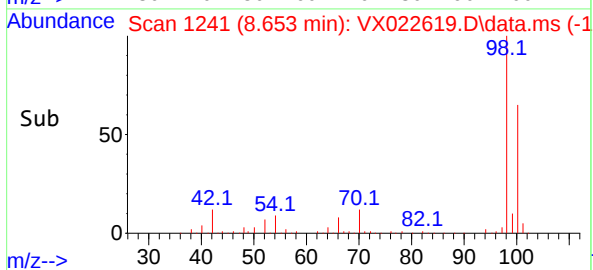
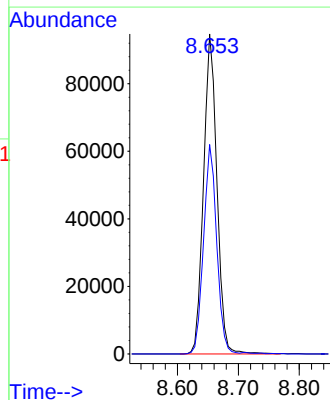
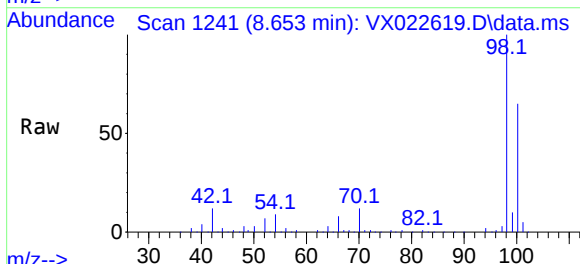
Instrument :
MSVOA_X
ClientSampleId :
BRP2-20210608

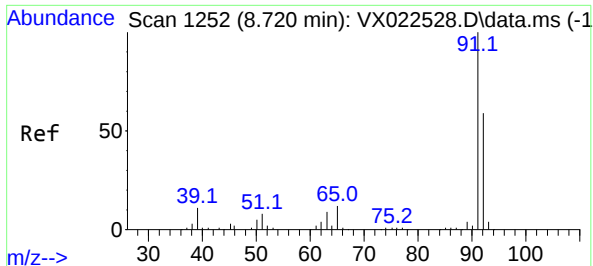
Tgt Ion:130 Resp: 142455
Ion Ratio Lower Upper
130 100
95 105.5 0.0 198.0



#50
Toluene-d8
Concen: 50.10 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

Tgt Ion: 98 Resp: 144929
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

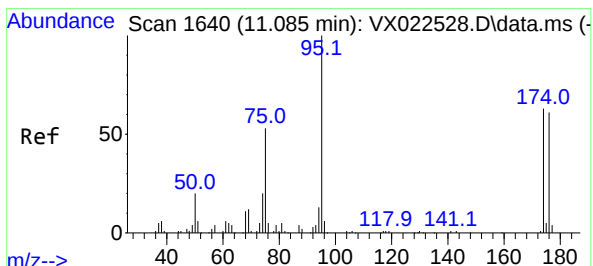
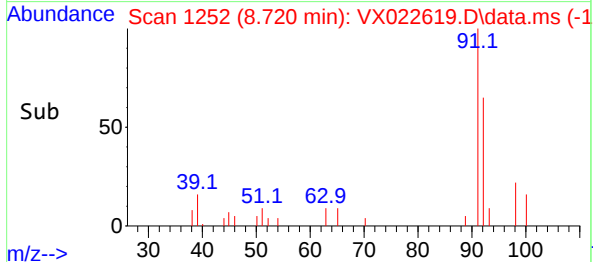
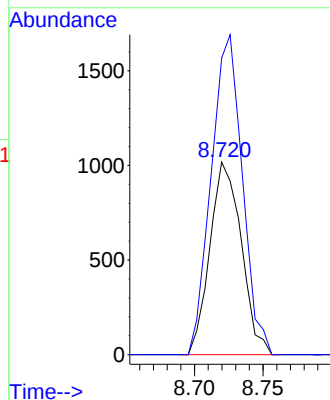
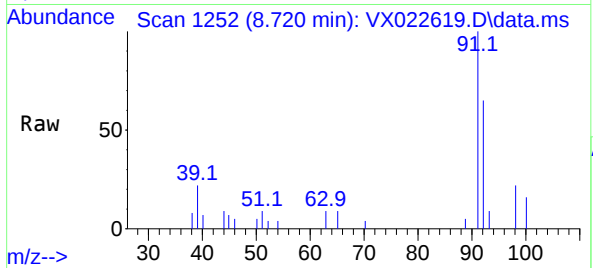




#52
Toluene
Concen: 0.75 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

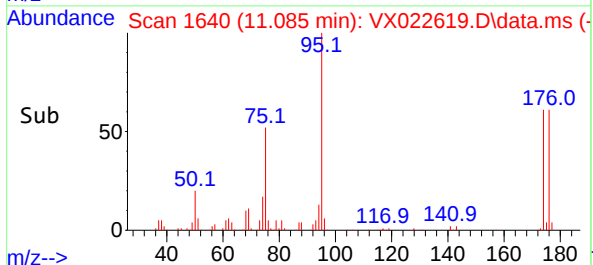
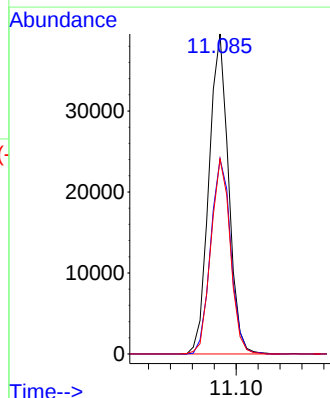
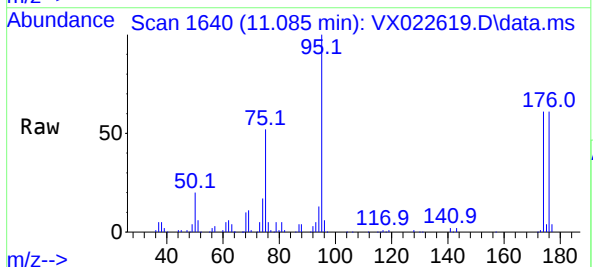
Instrument :
MSVOA_X
ClientSampleId :
BRP2-20210608

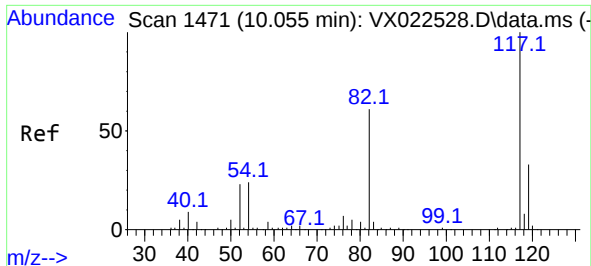
Tgt Ion: 92 Resp: 1621
Ion Ratio Lower Upper
92 100
91 164.9 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 45.51 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

Tgt Ion: 95 Resp: 48938
Ion Ratio Lower Upper
95 100
174 62.6 0.0 154.6
176 60.5 0.0 155.8

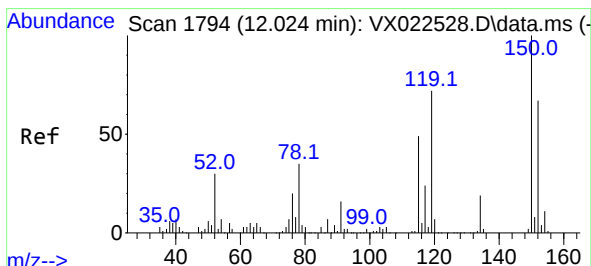
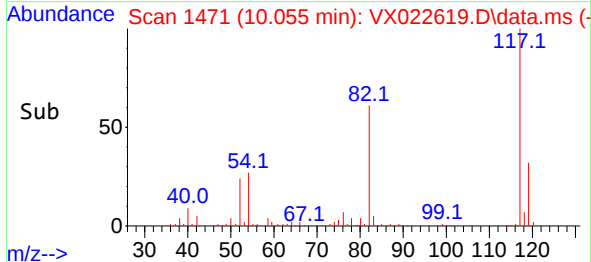
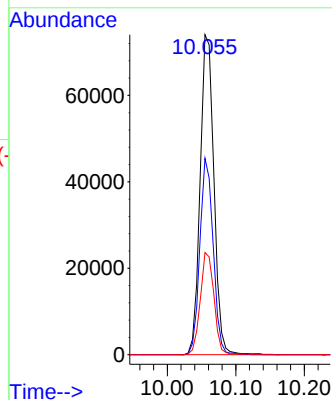
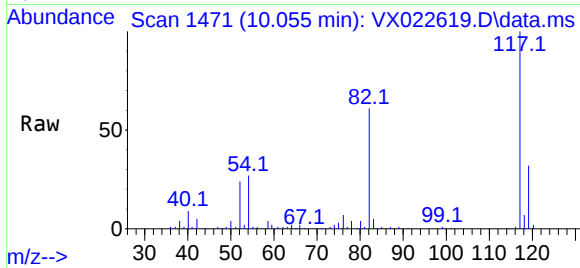




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

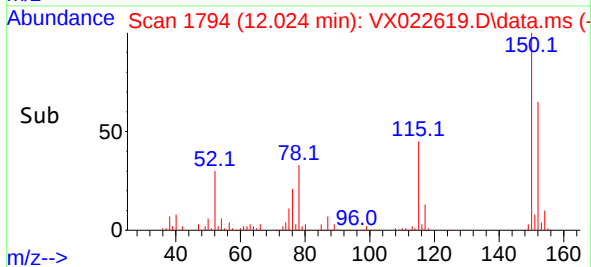
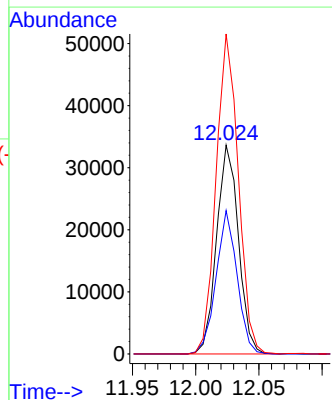
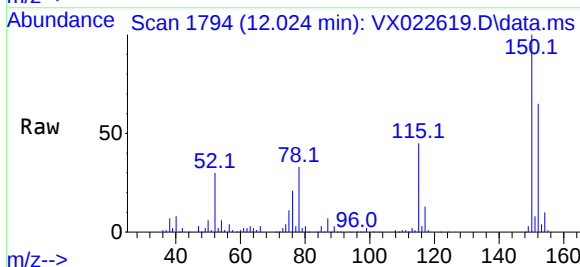
Instrument :
MSVOA_X
ClientSampleId :
BRP2-20210608

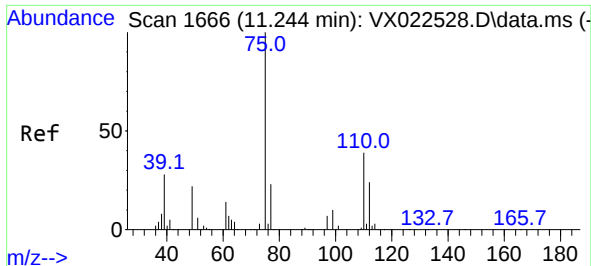
Tgt Ion:117 Resp: 103838
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

Tgt Ion:152 Resp: 40396
Ion Ratio Lower Upper
152 100
115 66.0 41.1 123.3
150 155.3 0.0 349.0

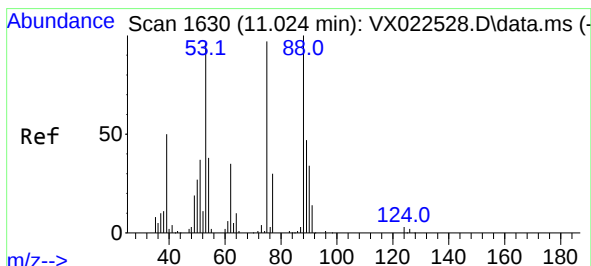
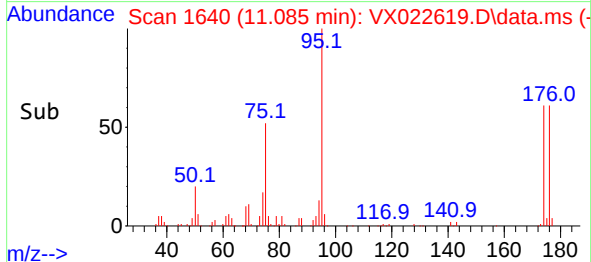
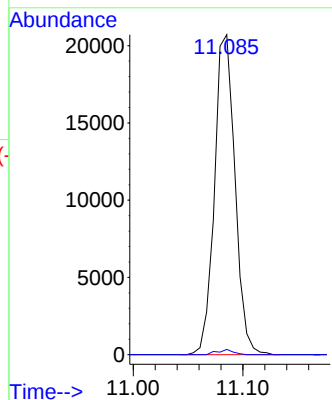
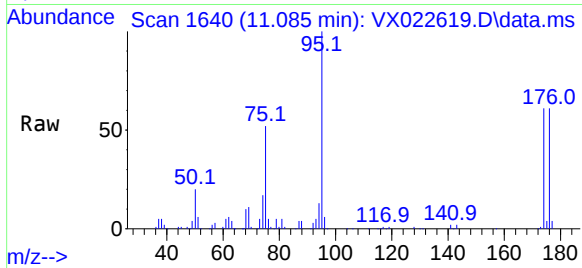




#76
1,2,3-Trichloropropane
Concen: 25.78 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

Instrument :
MSVOA_X
ClientSampleId :
BRP2-20210608

Tgt Ion: 75 Resp: 26974
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.60 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022619.D
Acq: 09 Jun 2021 17:17

Tgt Ion: 75 Resp: 26974
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

