

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060921\
 Data File : VX022618.D
 Acq On : 09 Jun 2021 16:53
 Operator : JC/MD
 Sample : M2652-02 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 7BR-20210608

Quant Time: Jun 10 05:43:57 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)

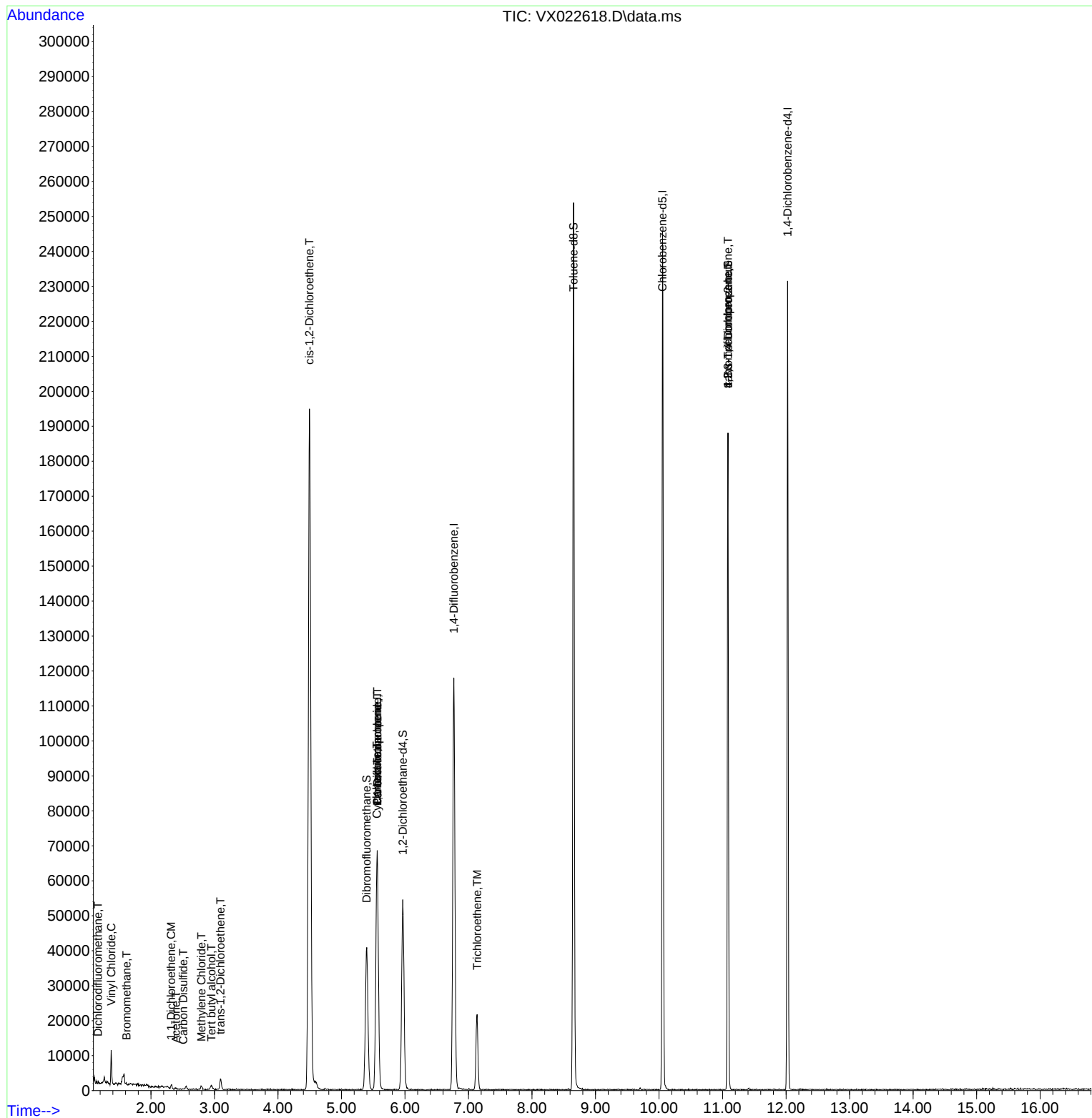
Internal Standards						
1) Pentafluorobenzene	5.562	168	56709	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	115351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48632	48.24	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.48%		
35) Dibromofluoromethane	5.397	113	34330	47.57	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.14%		
50) Toluene-d8	8.653	98	142661	49.54	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.08%		
62) 4-Bromofluorobenzene	11.085	95	50914	47.57	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.14%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	292	0.44	ug/l	78
4) Vinyl Chloride	1.374	62	5256	6.74	ug/l	91
5) Bromomethane	1.618	94	122	0.30	ug/l #	2
11) Tert butyl alcohol	2.953	59	994	4.40	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	380	0.53	ug/l #	61
16) Acetone	2.392	43	364	0.80	ug/l #	40
17) Carbon Disulfide	2.508	76	23	3.40	ug/l #	75
20) Methylene Chloride	2.794	84	395	0.42	ug/l #	73
21) trans-1,2-Dichloroethene	3.093	96	1324	1.63	ug/l	88
27) cis-1,2-Dichloroethene	4.495	96	117569	123.65	ug/l	93
31) Cyclohexane	5.556	56	1716	1.44	ug/l #	24
36) 1,1-Dichloropropene	5.562	75	6285	5.63	ug/l #	44
38) Carbon Tetrachloride	5.562	117	6570	8.16	ug/l #	16
44) Trichloroethene	7.135	130	7686	9.46	ug/l	96
76) 1,2,3-Trichloropropane	11.085	75	27061	25.17	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	27061	62.24	ug/l #	12

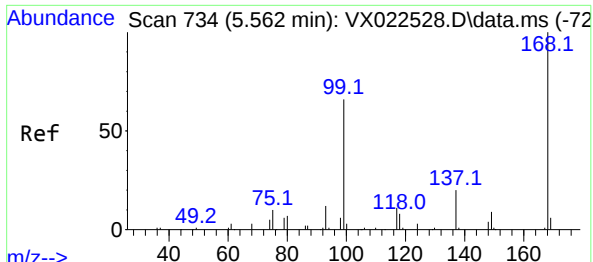
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
7BR-20210608

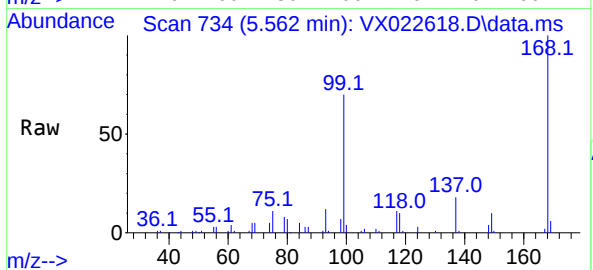
Quant Time: Jun 10 05:43:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration



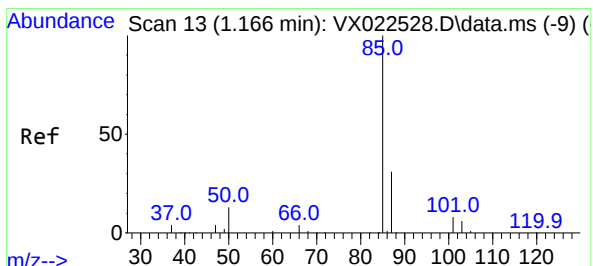
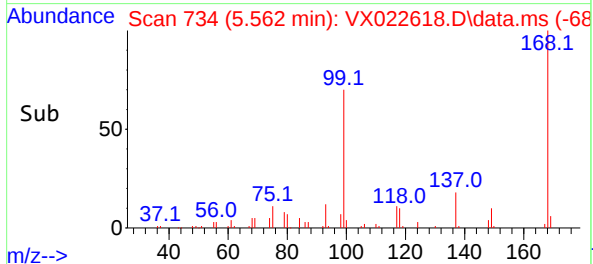
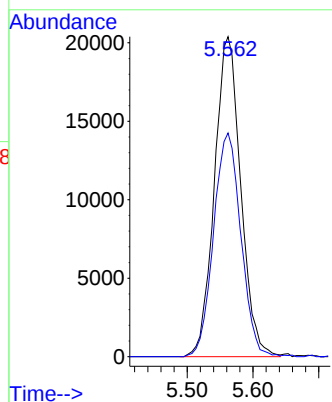


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

Instrument :
MSVOA_X
ClientSampleId :
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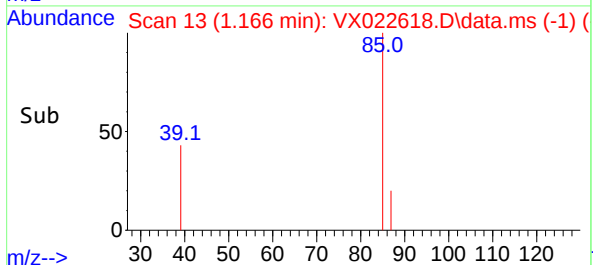
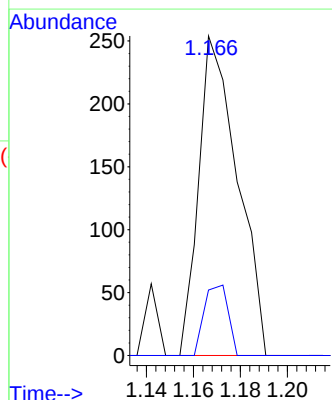
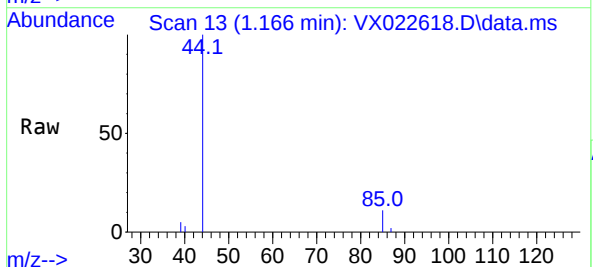


Tgt Ion:168 Resp: 56709
Ion Ratio Lower Upper
168 100
99 69.9 45.8 68.6#

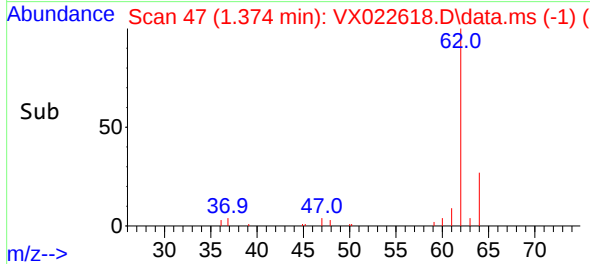
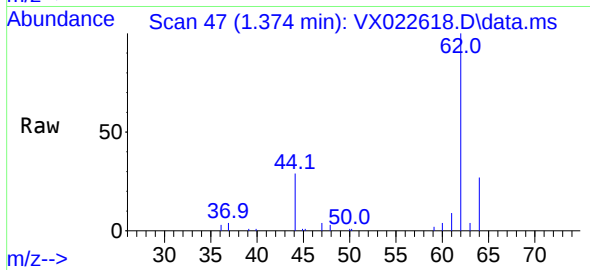
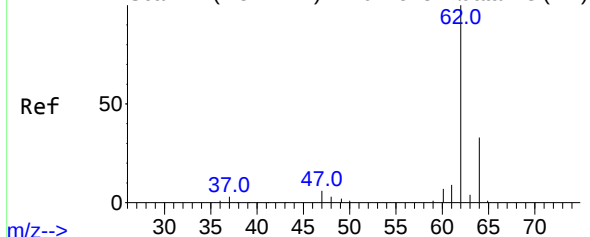


#2
Dichlorodifluoromethane
Concen: 0.44 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

Tgt Ion: 85 Resp: 292
Ion Ratio Lower Upper
85 100
87 20.5 16.4 49.2

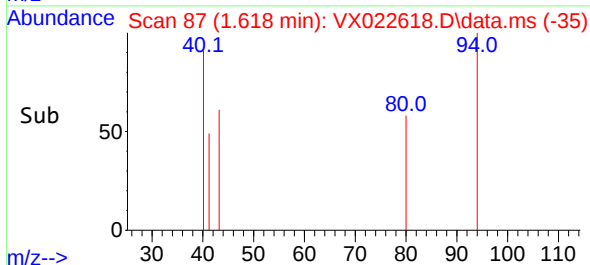
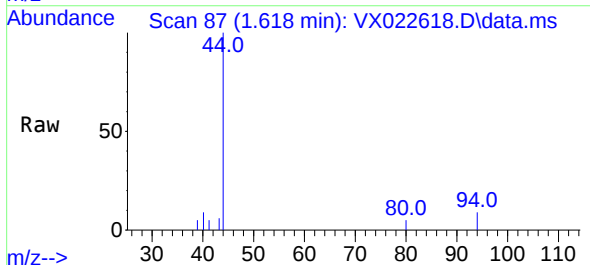
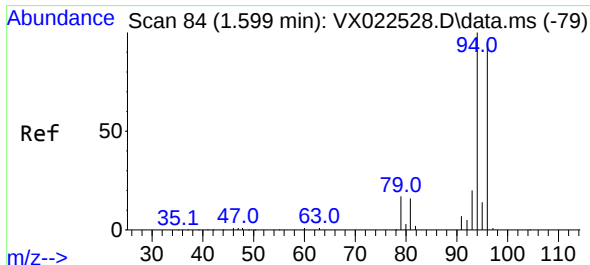
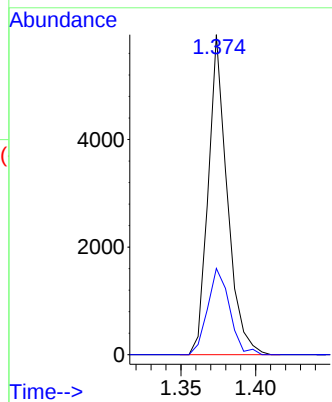


Abundance Scan 47 (1.374 min): VX022528.D\data.ms (-42)



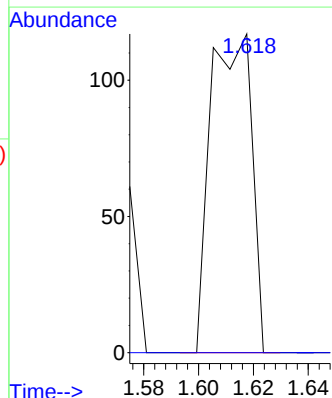
#4
Vinyl Chloride
Concen: 6.74 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

Tgt Ion: 62 Resp: 5256
Ion Ratio Lower Upper
62 100
64 27.0 25.7 38.5

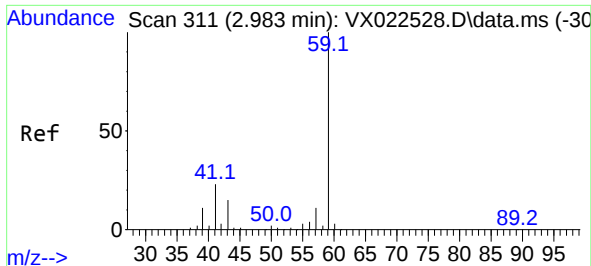


#5
Bromomethane
Concen: 0.30 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

Tgt Ion: 94 Resp: 122
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



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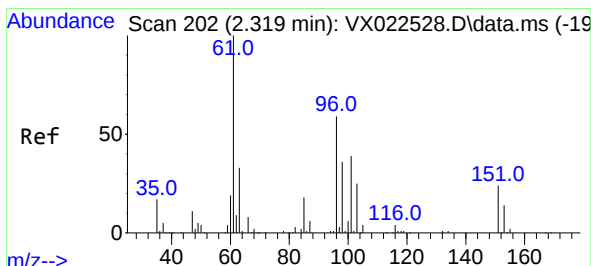
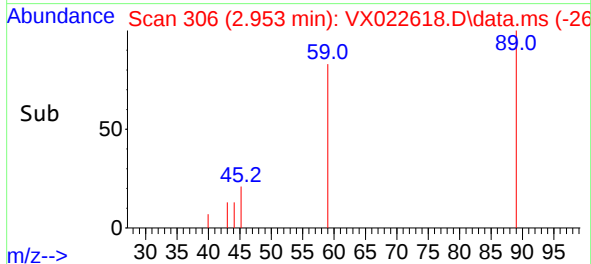
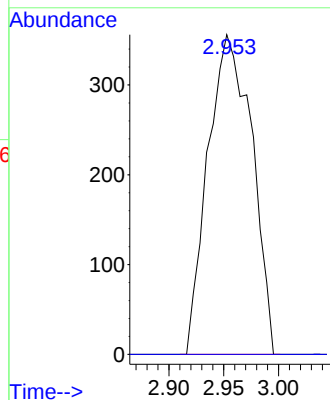
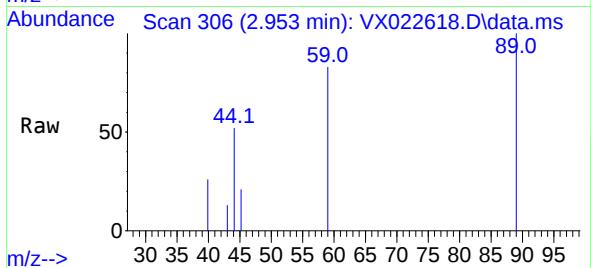


#11

Tert butyl alcohol
Concen: 4.40 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

Instrument :
MSVOA_X
ClientSampleId :
7BR-20210608

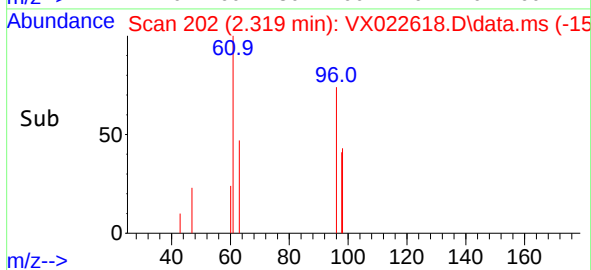
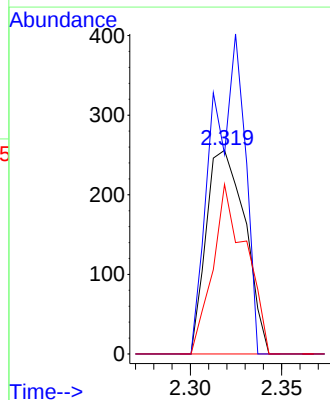
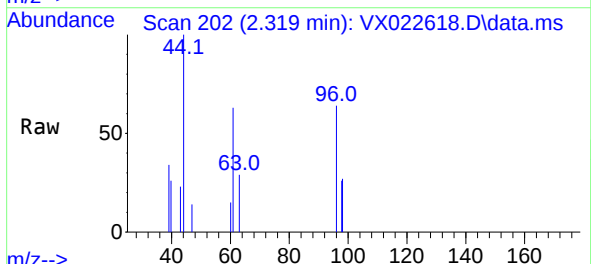
Tgt Ion: 59 Resp: 994
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

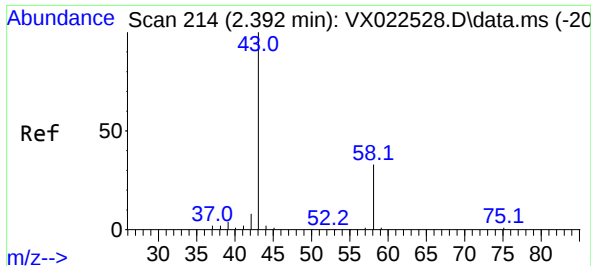


#12

1,1-Dichloroethene
Concen: 0.53 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

Tgt Ion: 96 Resp: 380
Ion Ratio Lower Upper
96 100
61 98.0 124.6 187.0#
98 83.2 50.6 76.0#

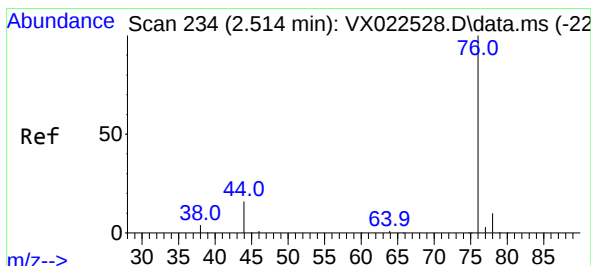
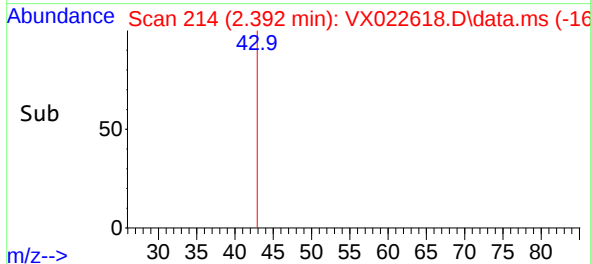
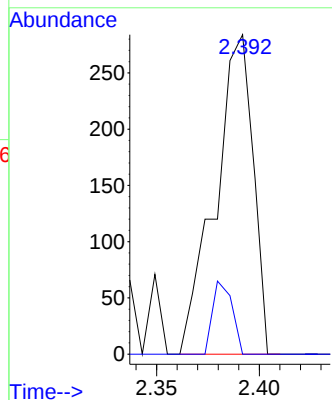
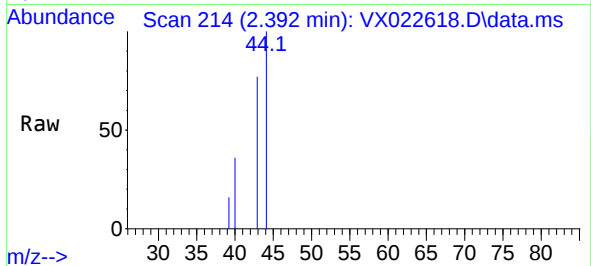




#16
Acetone
Concen: 0.80 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

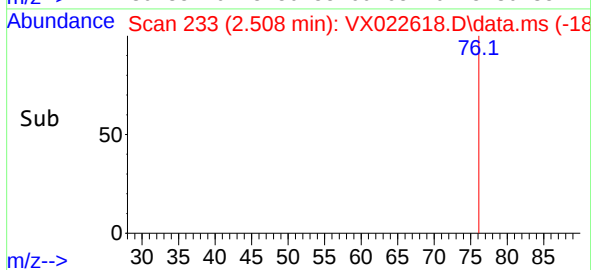
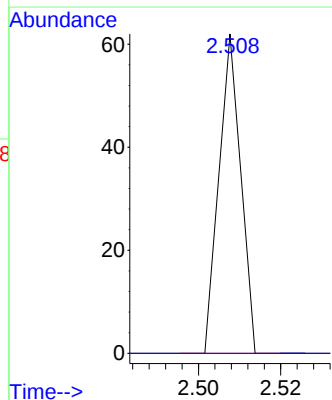
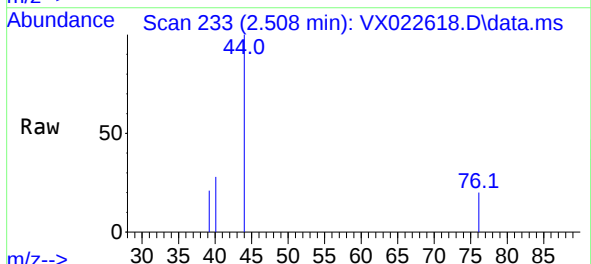
Instrument :
MSVOA_X
ClientSampleId :
7BR-20210608

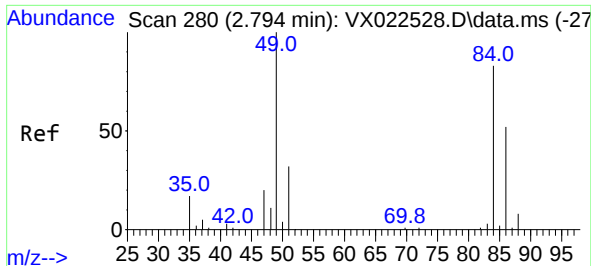
Tgt Ion: 43 Resp: 364
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.40 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

Tgt Ion: 76 Resp: 23
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



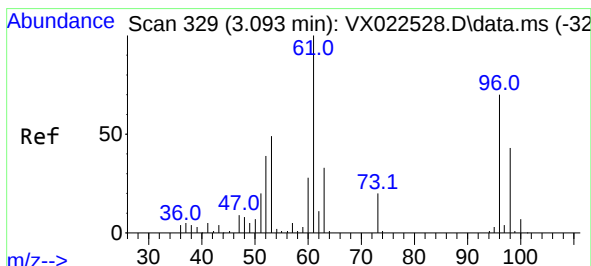
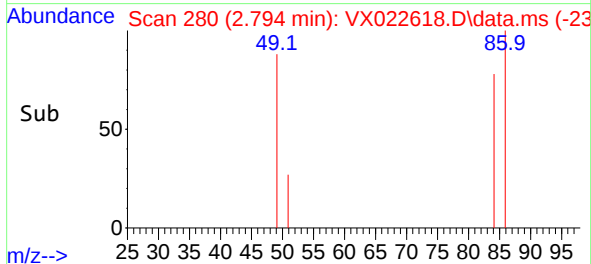
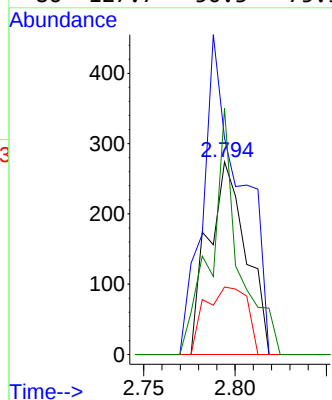
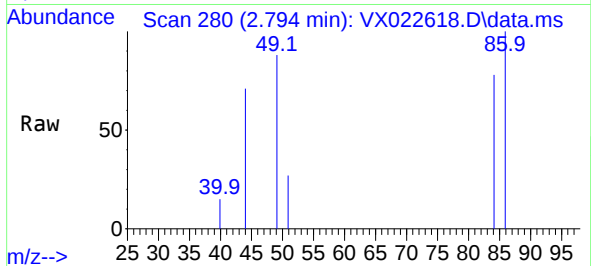


#20
Methylene Chloride
Concen: 0.42 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

Instrument :
MSVOA_X
ClientSampleId :
7BR-20210608

Tgt Ion: 84 Resp: 395

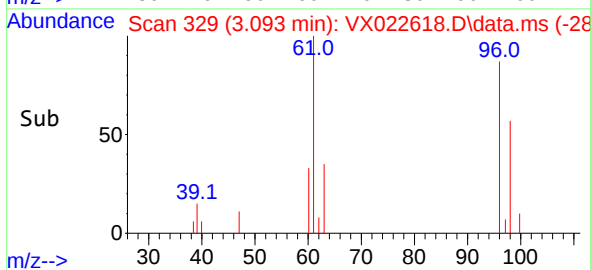
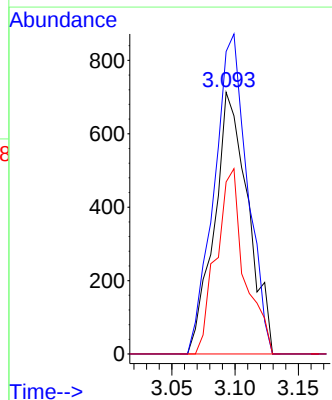
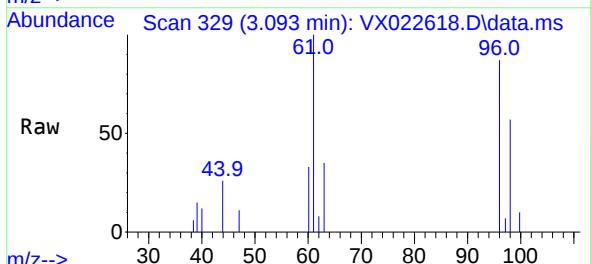
Ion	Ratio	Lower	Upper
84	100		
49	112.4	88.6	132.8
51	35.0	27.0	40.6
86	127.7	50.3	75.5

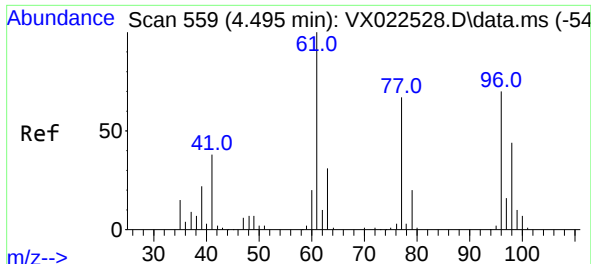


#21
trans-1,2-Dichloroethene
Concen: 1.63 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

Tgt Ion: 96 Resp: 1324

Ion	Ratio	Lower	Upper
96	100		
61	115.6	107.7	161.5
98	65.8	50.4	75.6

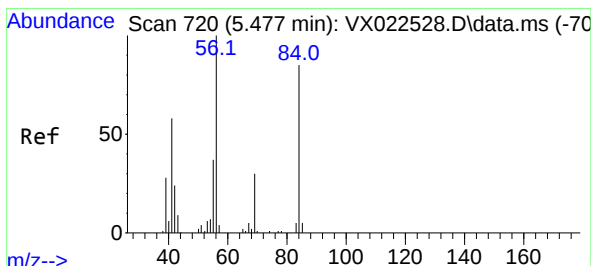
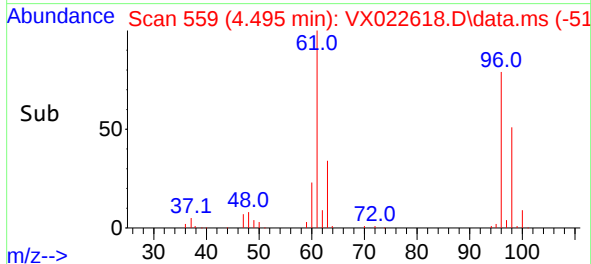
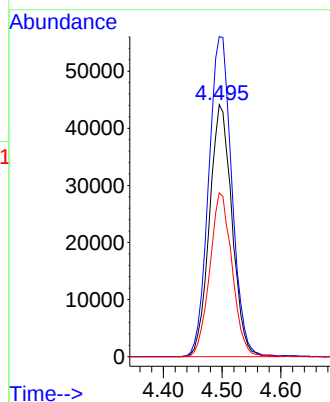
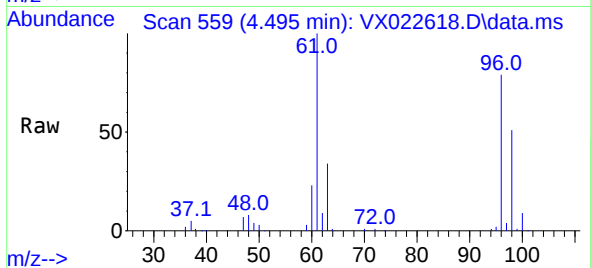




#27
cis-1,2-Dichloroethene
Concen: 123.65 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

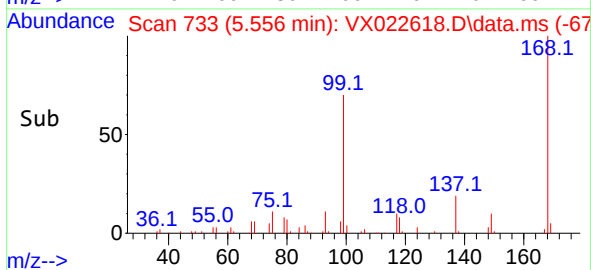
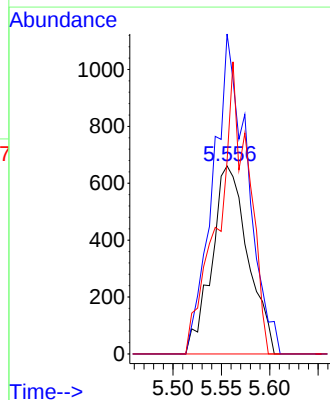
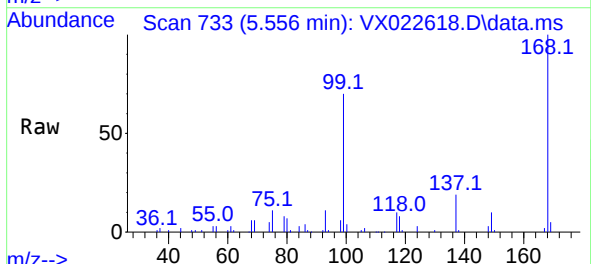
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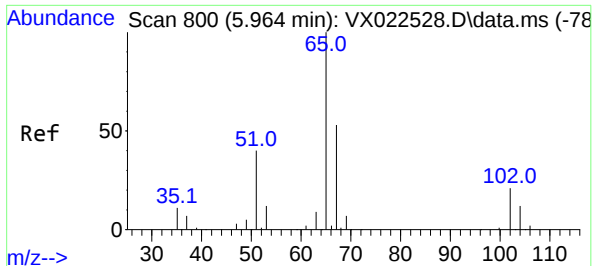
Tgt Ion: 96 Resp: 117569
Ion Ratio Lower Upper
96 100
61 130.9 0.0 285.6
98 64.5 0.0 129.6



#31
Cyclohexane
Concen: 1.44 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

Tgt Ion: 56 Resp: 1716
Ion Ratio Lower Upper
56 100
69 170.2 25.3 37.9#
84 102.7 71.4 107.0



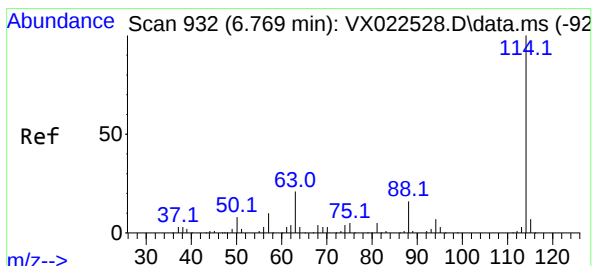
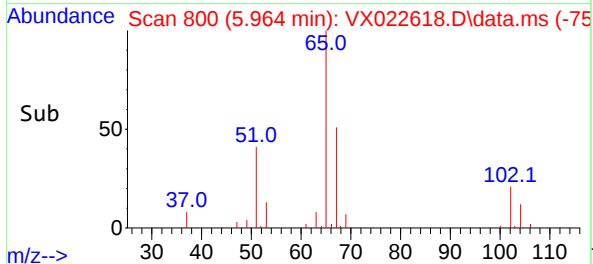
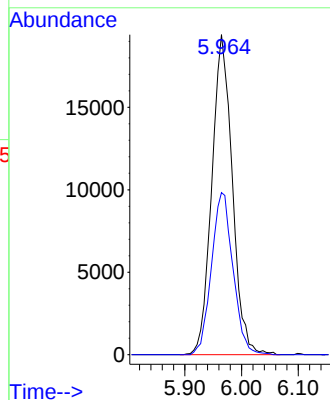
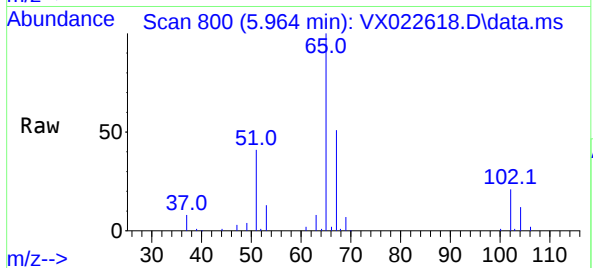


#33

1,2-Dichloroethane-d4
Concen: 48.24 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

Instrument :
MSVOA_X
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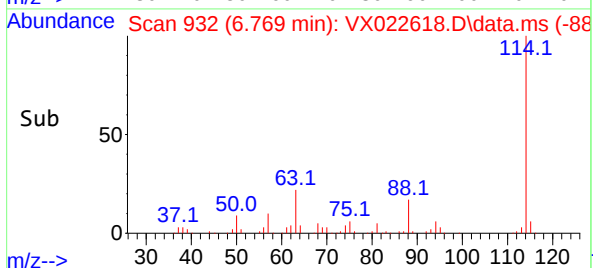
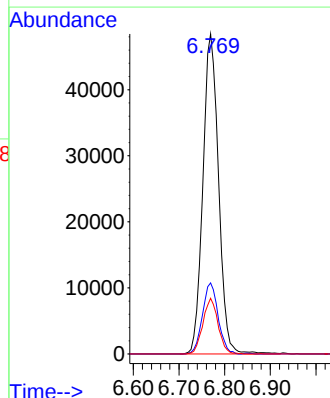
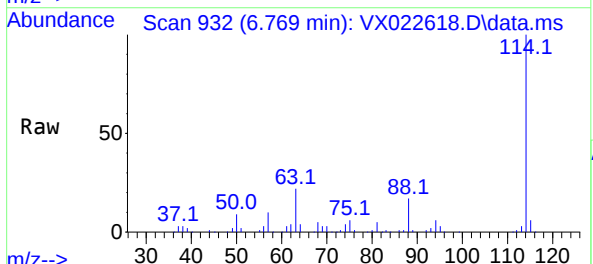
Tgt Ion: 65 Resp: 48632
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4

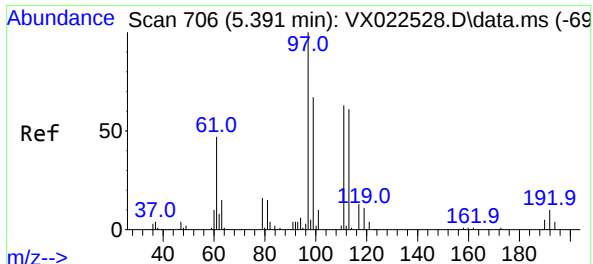


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

Tgt Ion: 114 Resp: 115351
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.8
88 17.4 0.0 32.8

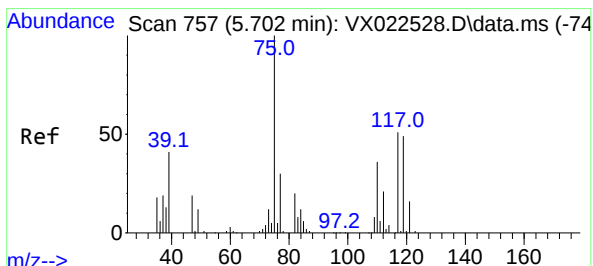
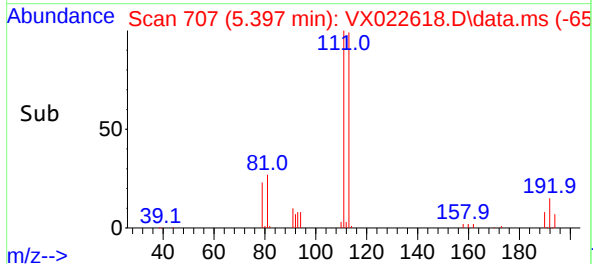
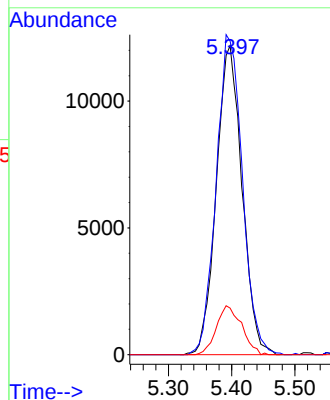
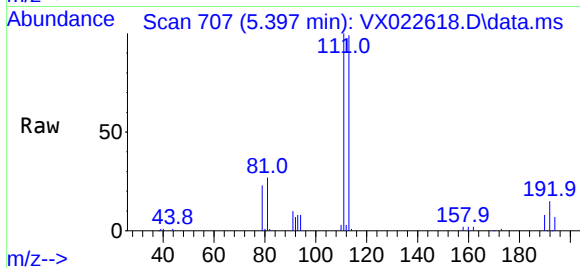




#35
Dibromofluoromethane
Concen: 47.57 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

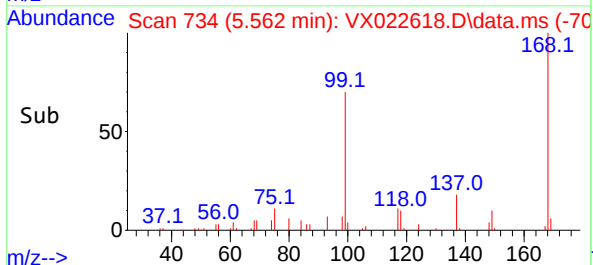
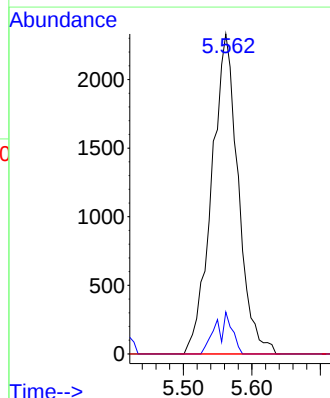
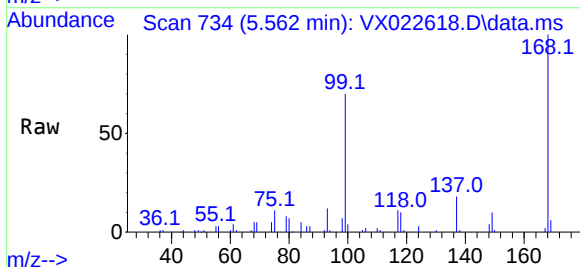
Instrument :
MSVOA_X
ClientSampleId :
7BR-20210608

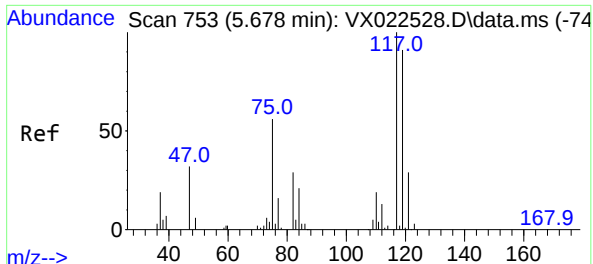
Tgt Ion:113 Resp: 34330
Ion Ratio Lower Upper
113 100
111 105.5 81.9 122.9
192 15.6 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.63 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

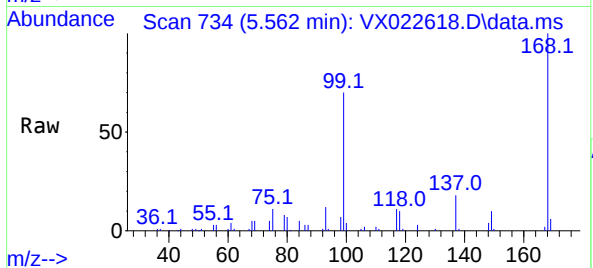
Tgt Ion: 75 Resp: 6285
Ion Ratio Lower Upper
75 100
110 4.1 18.1 54.4#
77 0.0 25.3 37.9#



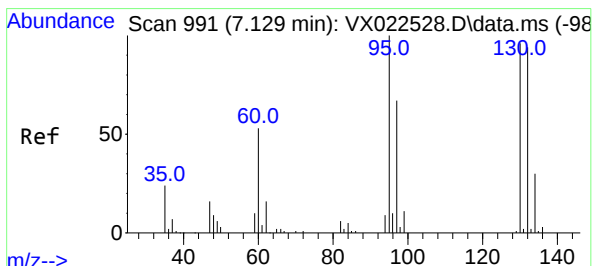
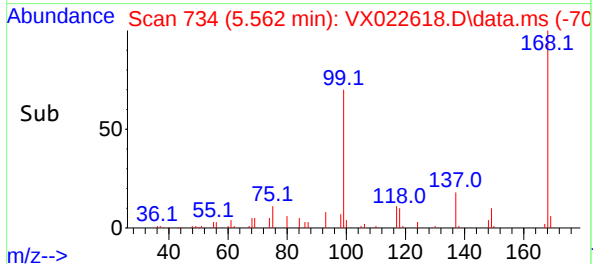
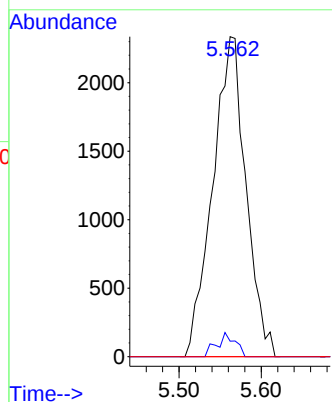


#38
Carbon Tetrachloride
Concen: 8.16 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

Instrument :
MSVOA_X
ClientSampleId :
7BR-20210608

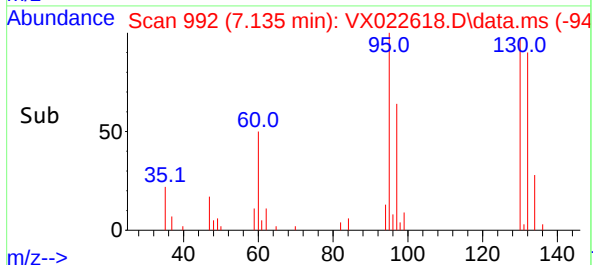
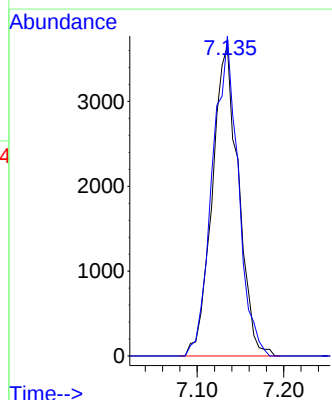
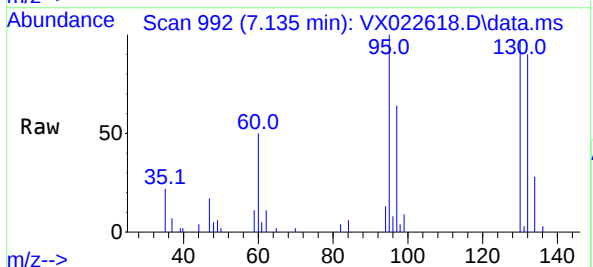


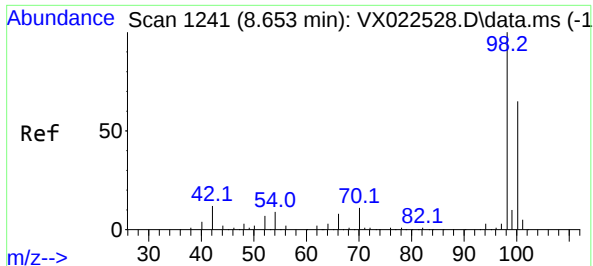
Tgt Ion:117 Resp: 6570
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 9.46 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

Tgt Ion:130 Resp: 7686
Ion Ratio Lower Upper
130 100
95 103.1 0.0 198.0

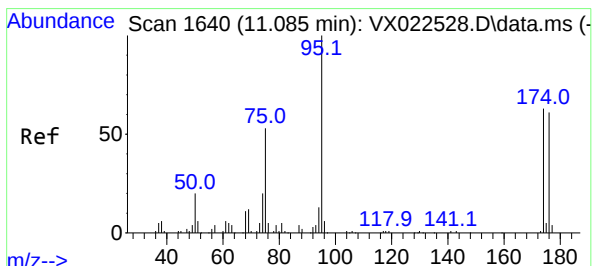
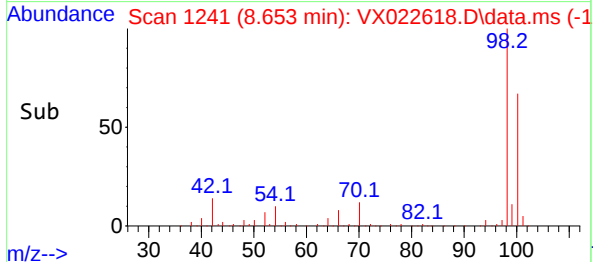
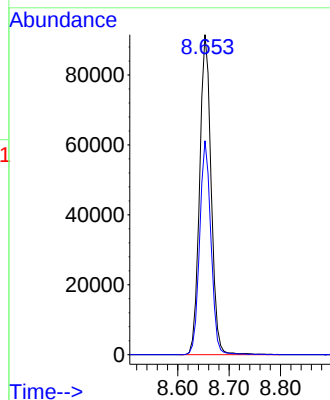
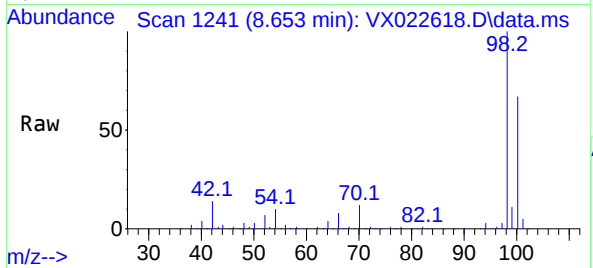




#50
Toluene-d8
Concen: 49.54 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

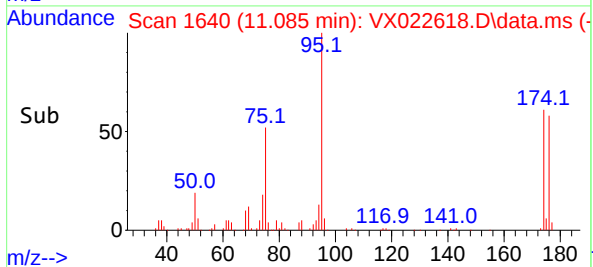
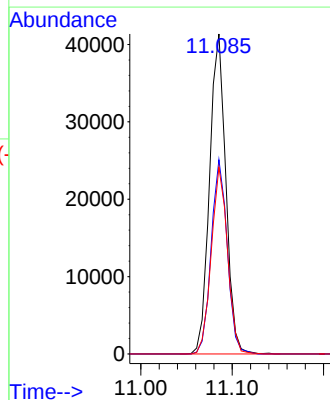
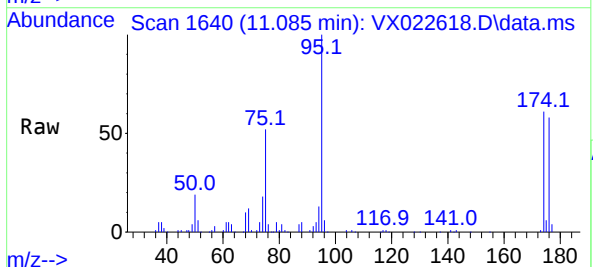
Instrument :
MSVOA_X
ClientSampleId :
7BR-20210608

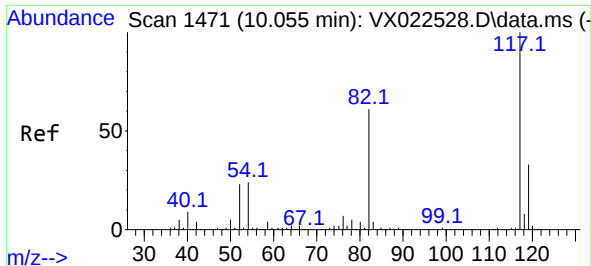
Tgt Ion: 98 Resp: 142661
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.57 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

Tgt Ion: 95 Resp: 50914
Ion Ratio Lower Upper
95 100
174 59.9 0.0 154.6
176 58.2 0.0 155.8

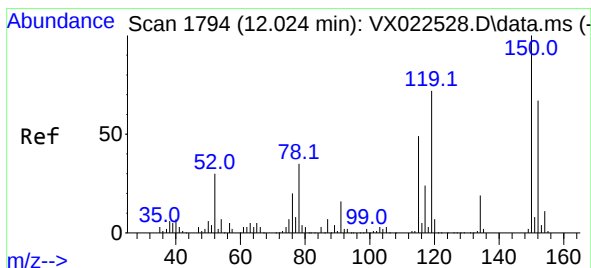
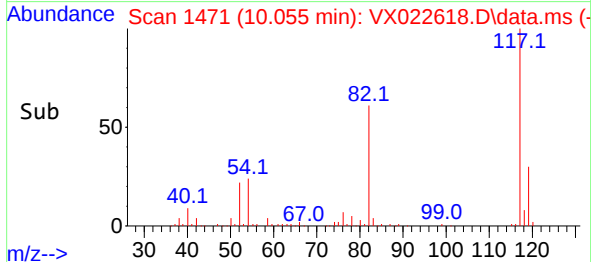
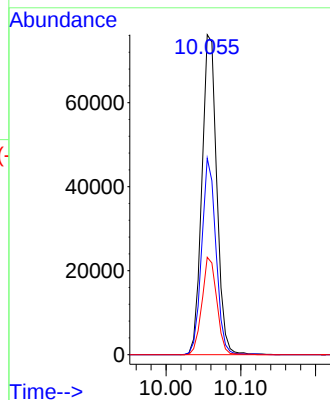
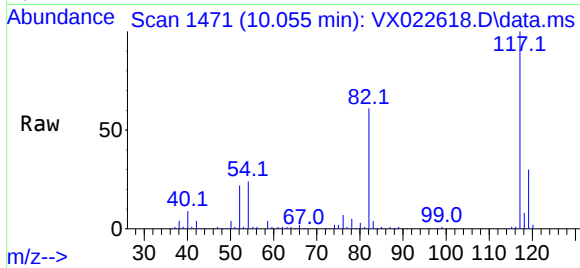




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

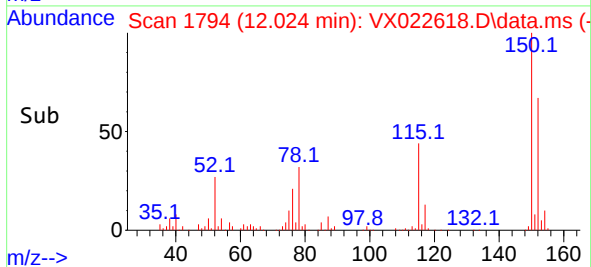
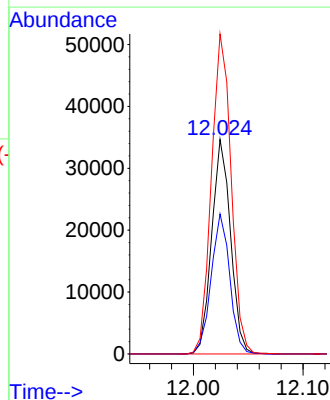
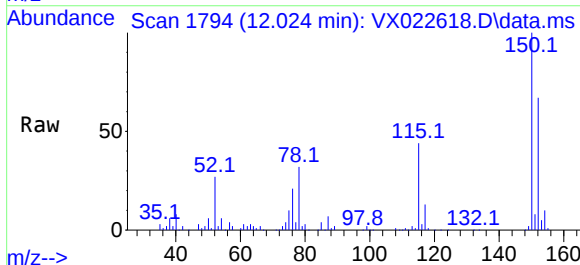
Instrument :
MSVOA_X
ClientSampleId :
7BR-20210608

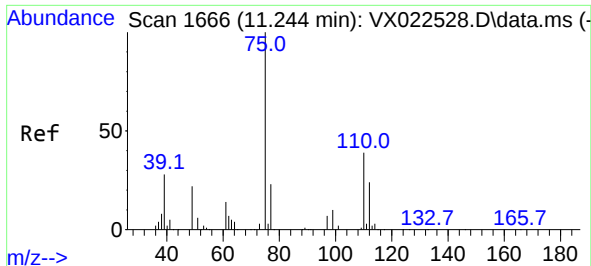
Tgt Ion:117 Resp: 105153
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 30.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

Tgt Ion:152 Resp: 41508
Ion Ratio Lower Upper
152 100
115 64.6 41.1 123.3
150 155.5 0.0 349.0

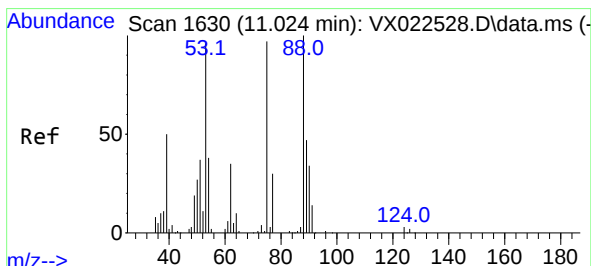
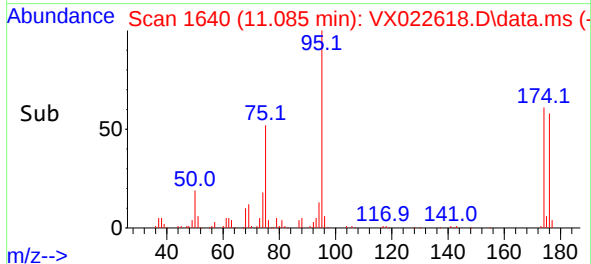
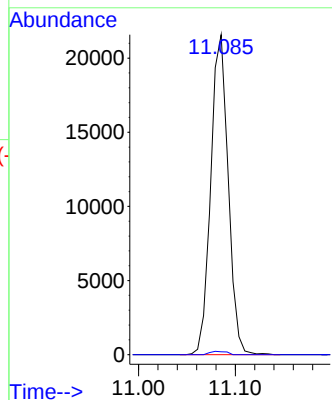
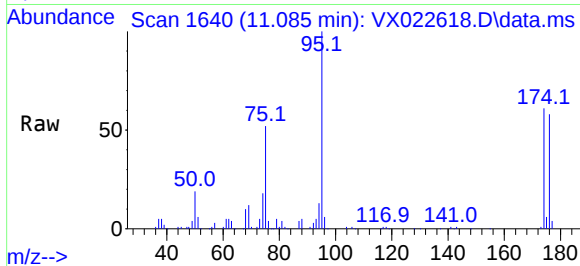




#76
1,2,3-Trichloropropane
Concen: 25.17 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

Instrument :
MSVOA_X
ClientSampleId :
7BR-20210608

Tgt Ion: 75 Resp: 27061
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.24 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022618.D
Acq: 09 Jun 2021 16:53

Tgt Ion: 75 Resp: 27061
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

