

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022322.D
 Acq On : 02 Jun 2021 04:21
 Operator : JC/MD
 Sample : M2572-10 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 29BR-20210528

Quant Time: Jun 02 05:35:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

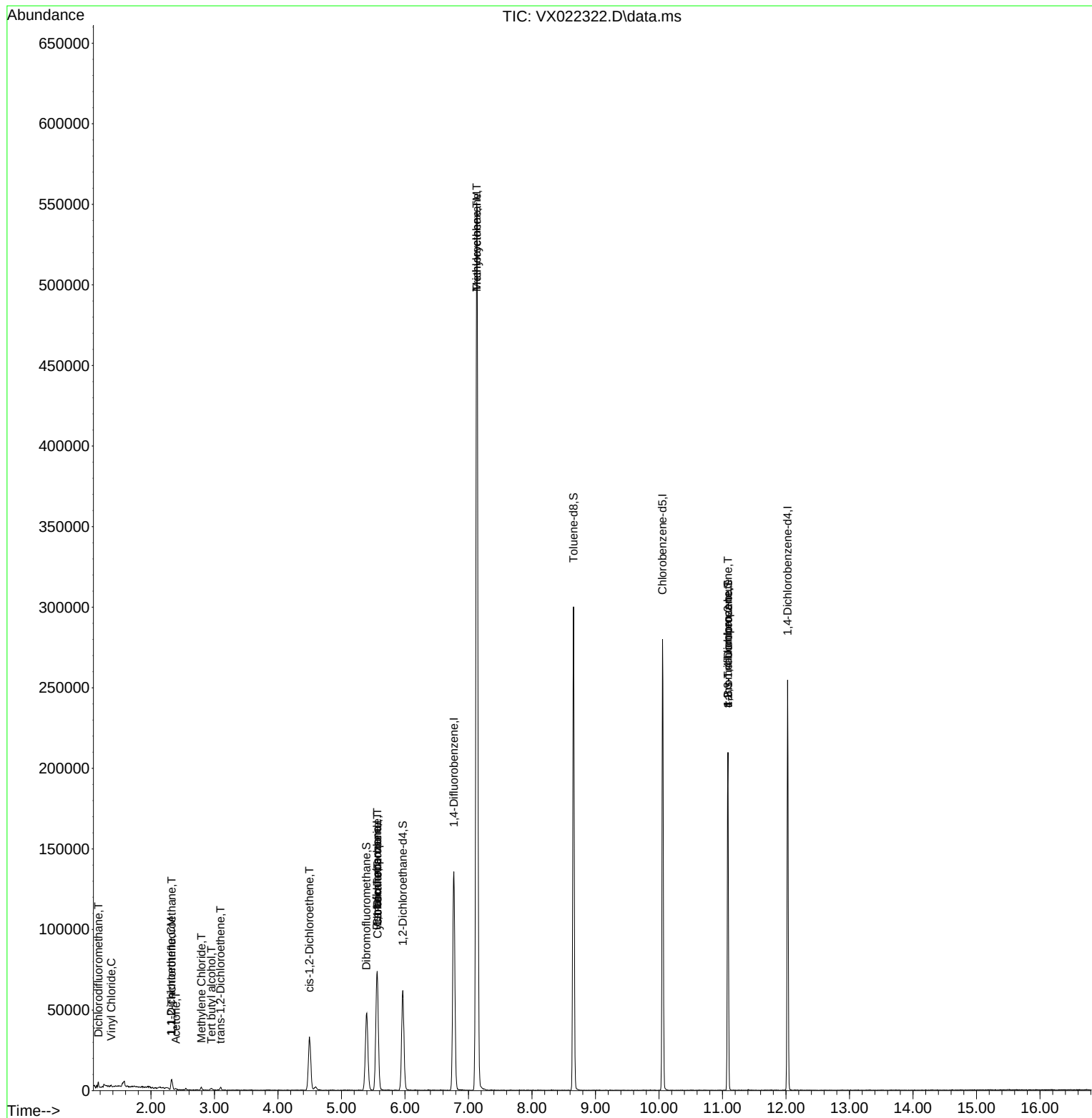
Internal Standards						
1) Pentafluorobenzene	5.556	168	63377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	136856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55083	56.34	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 112.68%		
35) Dibromofluoromethane	5.391	113	41213	47.49	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 94.98%		
50) Toluene-d8	8.653	98	165938	49.64	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 99.28%		
62) 4-Bromofluorobenzene	11.085	95	57278	46.35	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 92.70%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	1992	2.59	ug/l	100
4) Vinyl Chloride	1.374	62	614	0.70	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	1700	2.26	ug/l	88
11) Tert butyl alcohol	2.953	59	814	3.64	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	1006	1.38	ug/l	84
16) Acetone	2.392	43	1008	2.37	ug/l	90
20) Methylene Chloride	2.794	84	723	0.76	ug/l #	91
21) trans-1,2-Dichloroethene	3.093	96	636	0.80	ug/l #	79
27) cis-1,2-Dichloroethene	4.495	96	19489	20.28	ug/l	92
31) Cyclohexane	5.568	56	1951	1.59	ug/l #	63
36) 1,1-Dichloropropene	5.562	75	5913	4.67	ug/l #	48
38) Carbon Tetrachloride	5.562	117	7552	6.10	ug/l #	15
39) Methylcyclohexane	7.129	83	2493	1.74	ug/l #	1
44) Trichloroethene	7.129	130	197254	203.86	ug/l	94
76) 1,2,3-Trichloropropane	11.085	75	29962	26.39	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	29962	62.52	ug/l #	12

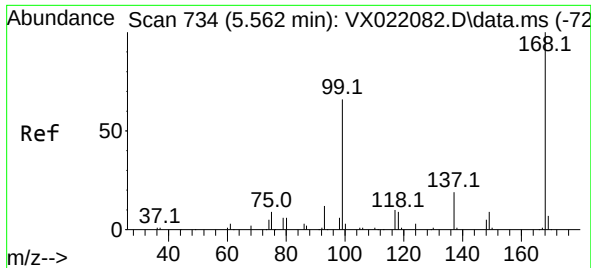
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 02 05:35:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

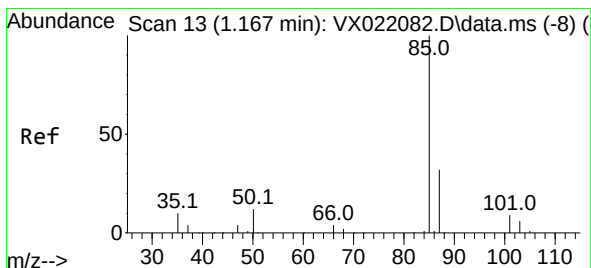
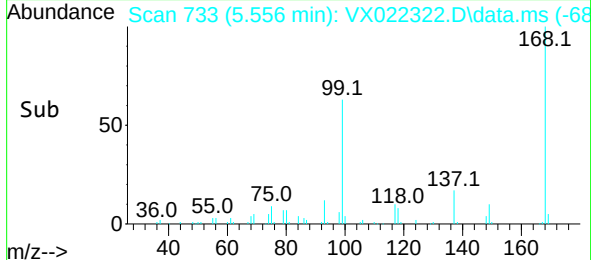
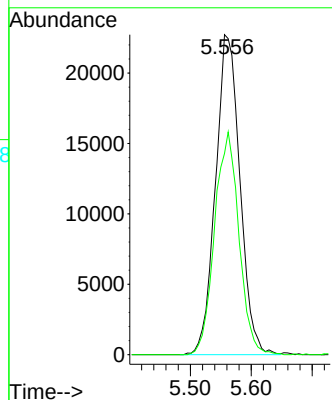
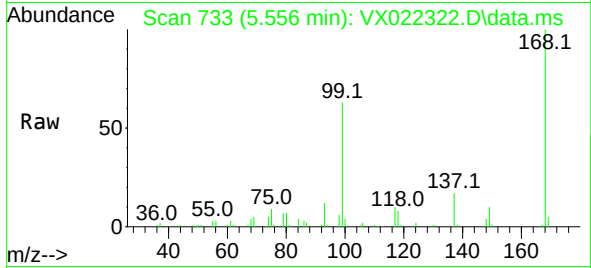




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21

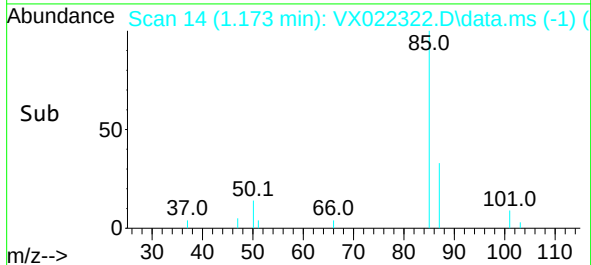
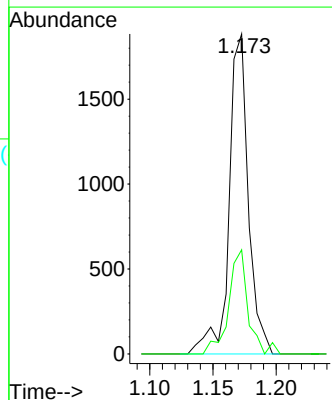
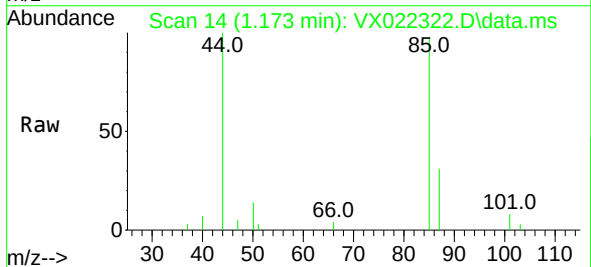
Instrument :
MSVOA_X
ClientSampleId :
29BR-20210528

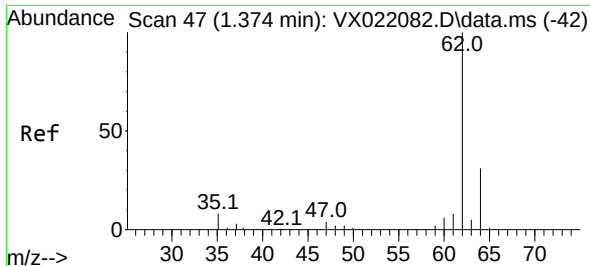
Tgt Ion:168 Resp: 63377
Ion Ratio Lower Upper
168 100
99 62.9 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 2.59 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21

Tgt Ion: 85 Resp: 1992
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.2

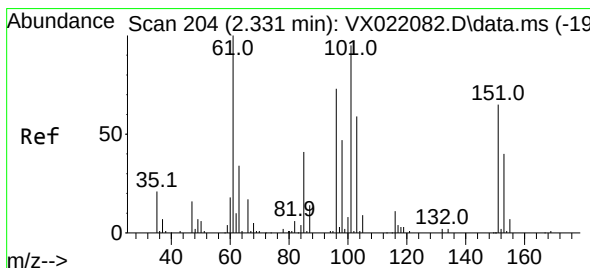
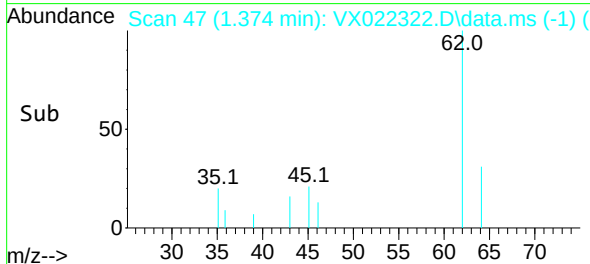
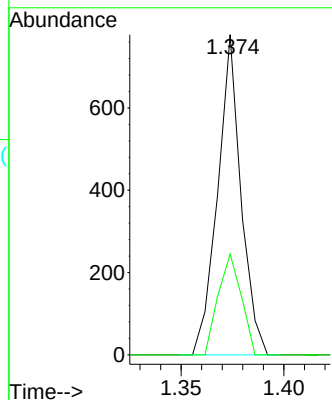
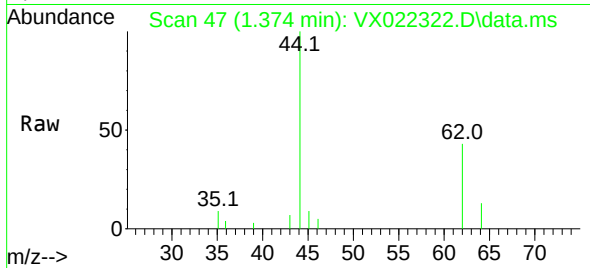




#4
 Vinyl Chloride
 Concen: 0.70 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022322.D
 Acq: 02 Jun 2021 04:21

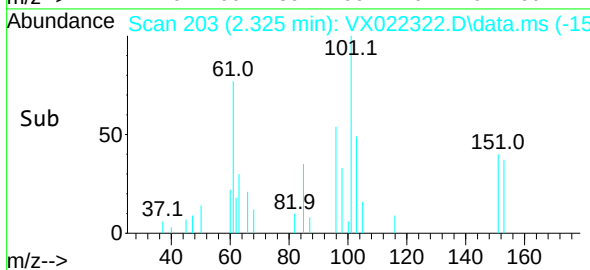
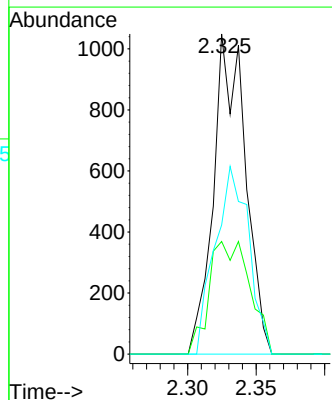
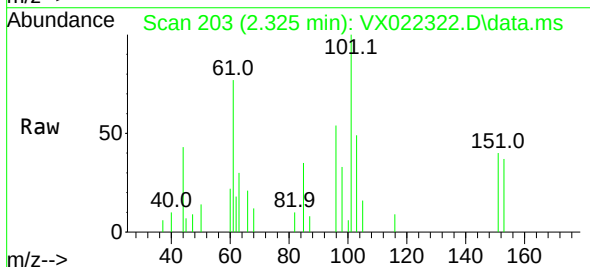
Instrument :
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 ClientSampleId :
 29BR-20210528

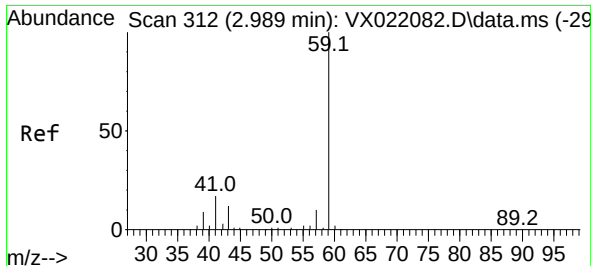
Tgt Ion: 62 Resp: 614
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.7 38.5



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.26 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. -0.006 min
 Lab File: VX022322.D
 Acq: 02 Jun 2021 04:21

Tgt Ion: 101 Resp: 1700
 Ion Ratio Lower Upper
 101 100
 85 45.0 34.9 52.3
 151 61.9 61.4 92.2



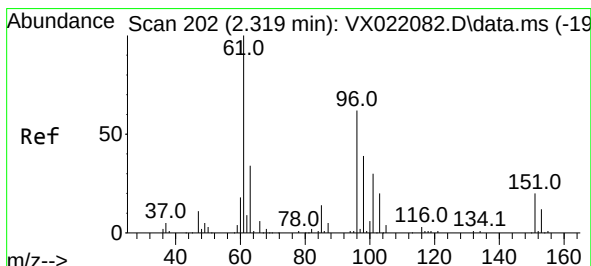
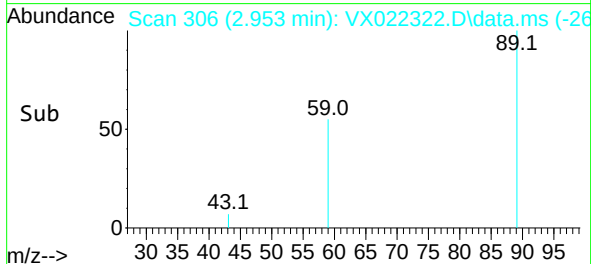
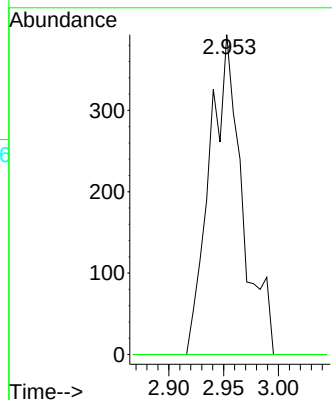
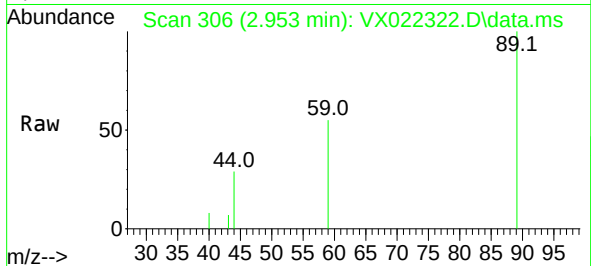


#11

Tert butyl alcohol
Concen: 3.64 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21

Instrument :
MSVOA_X
ClientSampleId :
29BR-20210528

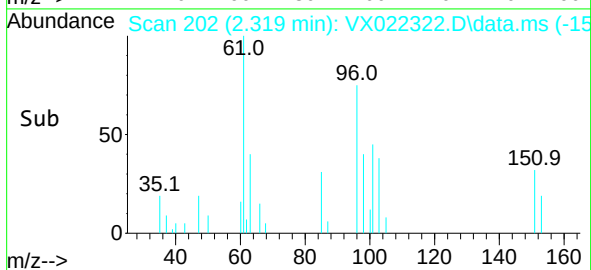
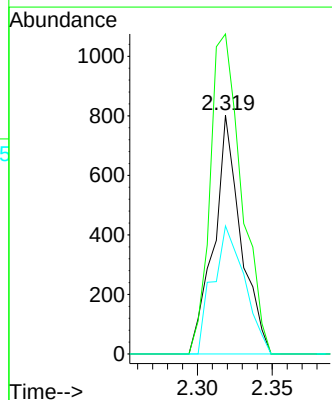
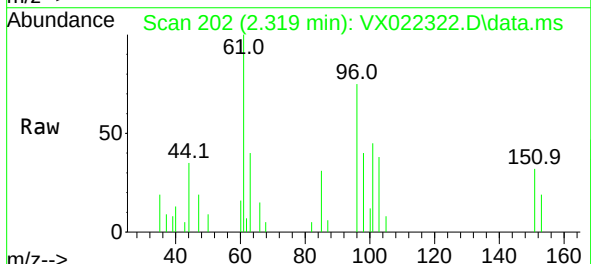
Tgt Ion: 59 Resp: 814
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

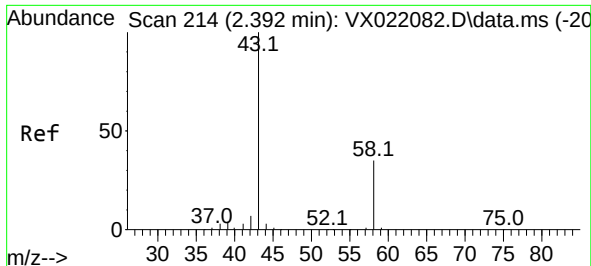


#12

1,1-Dichloroethene
Concen: 1.38 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21

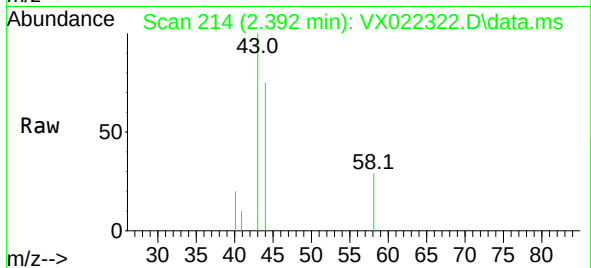
Tgt Ion: 96 Resp: 1006
Ion Ratio Lower Upper
96 100
61 134.0 124.6 187.0
98 53.6 50.6 76.0



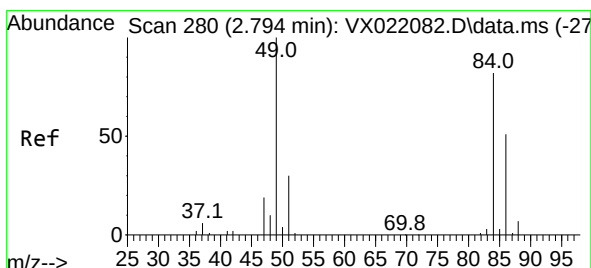
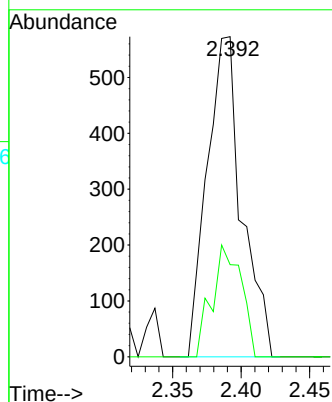
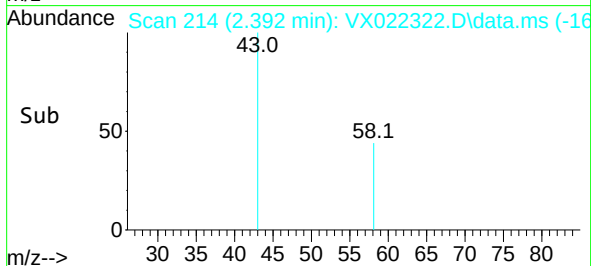


#16
Acetone
Concen: 2.37 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21

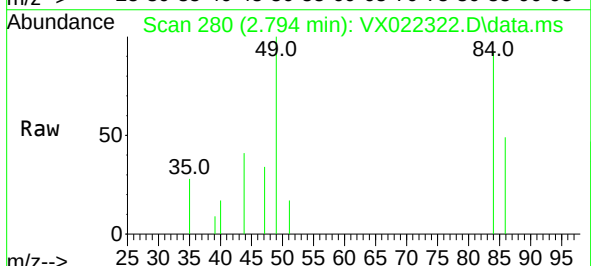
Instrument :
MSVOA_X
ClientSampleId :
29BR-20210528



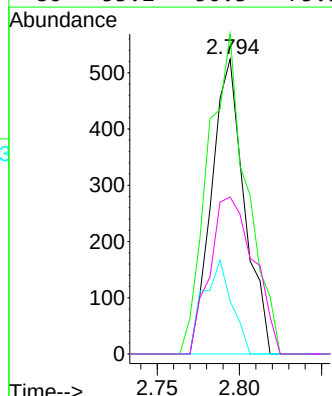
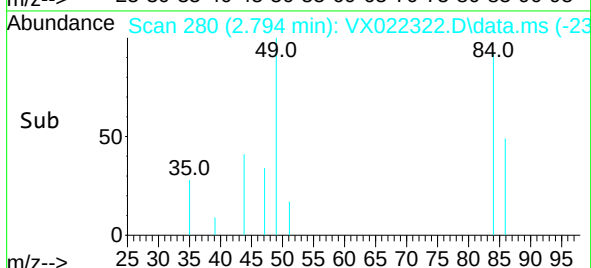
Tgt Ion: 43 Resp: 1008
Ion Ratio Lower Upper
43 100
58 28.8 27.8 41.8

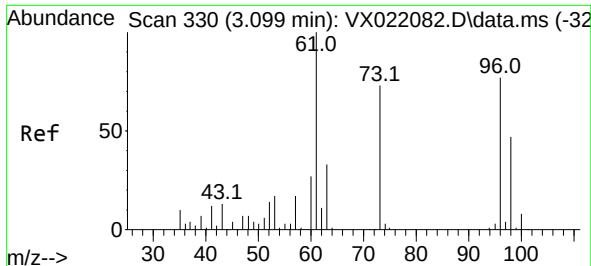


#20
Methylene Chloride
Concen: 0.76 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21



Tgt Ion: 84 Resp: 723
Ion Ratio Lower Upper
84 100
49 108.6 88.6 132.8
51 17.9 27.0 40.6#
86 53.2 50.3 75.5

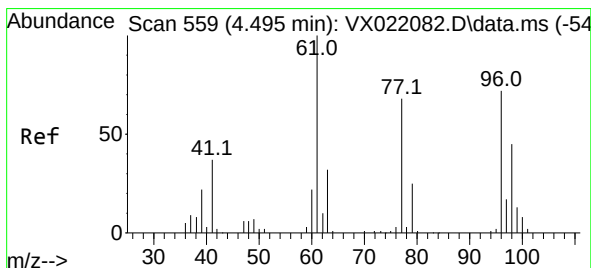
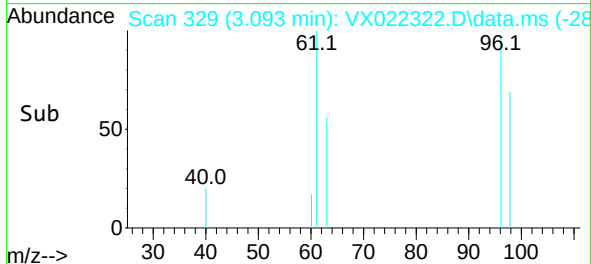
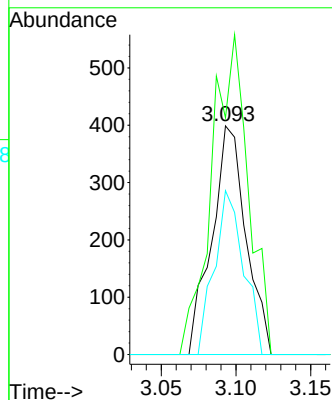
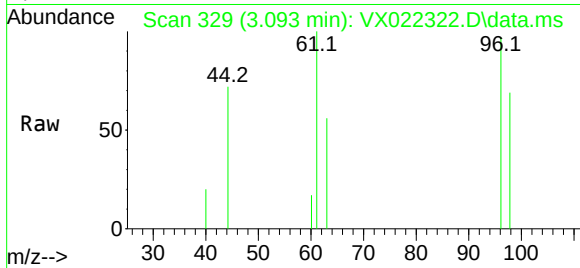




#21
trans-1,2-Dichloroethene
Concen: 0.80 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21

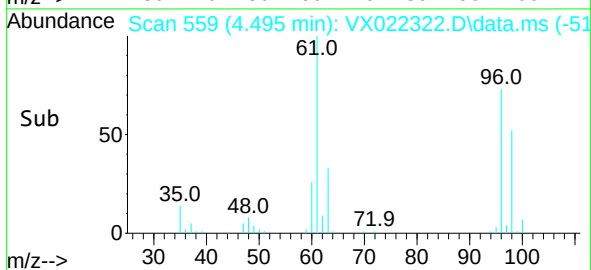
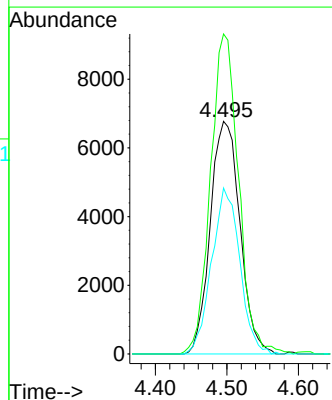
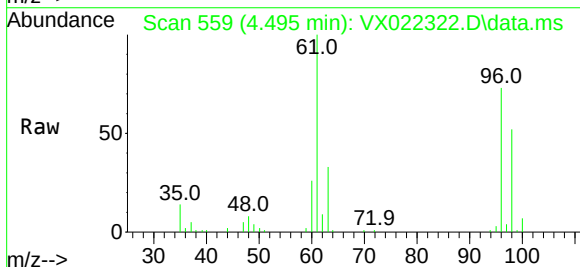
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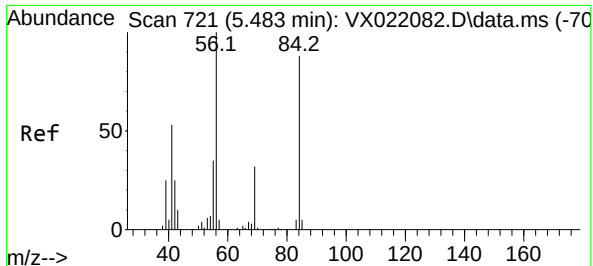
Tgt Ion: 96 Resp: 636
Ion Ratio Lower Upper
96 100
61 103.5 107.7 161.5#
98 71.7 50.4 75.6



#27
cis-1,2-Dichloroethene
Concen: 20.28 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21

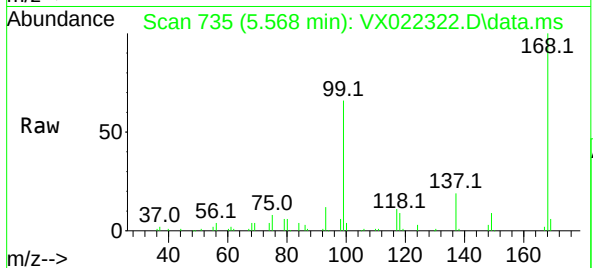
Tgt Ion: 96 Resp: 19489
Ion Ratio Lower Upper
96 100
61 130.3 0.0 285.6
98 67.8 0.0 129.6



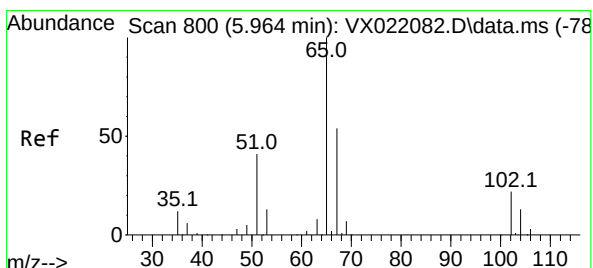
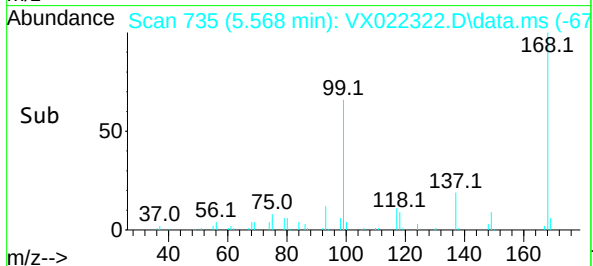
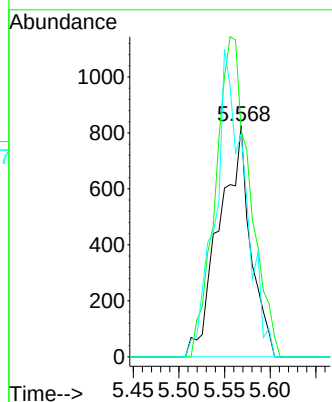


#31
Cyclohexane
Concen: 1.59 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21

Instrument :
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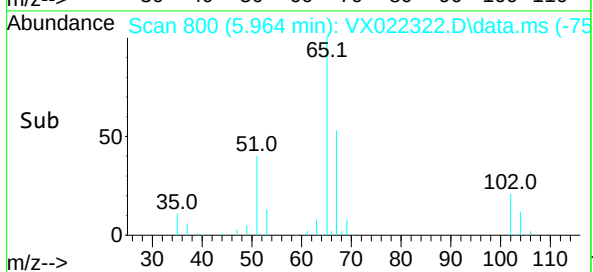
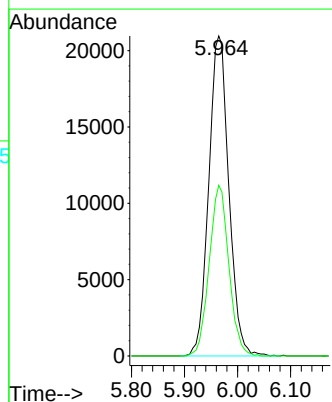
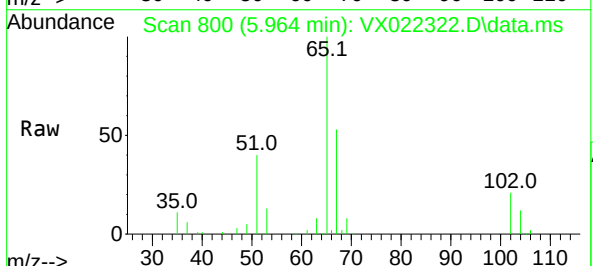


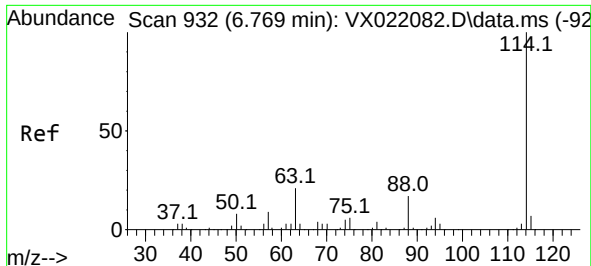
Tgt Ion: 56 Resp: 1951
Ion Ratio Lower Upper
56 100
69 97.8 25.3 37.9#
84 96.4 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 56.34 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21

Tgt Ion: 65 Resp: 55083
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

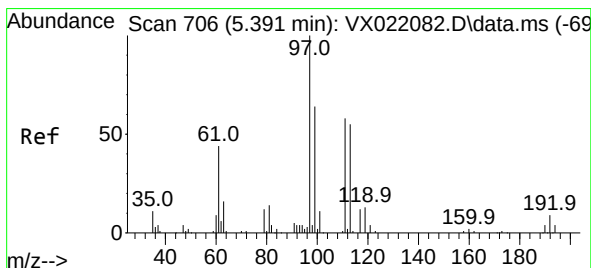
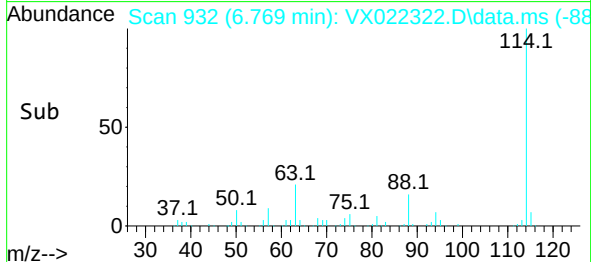
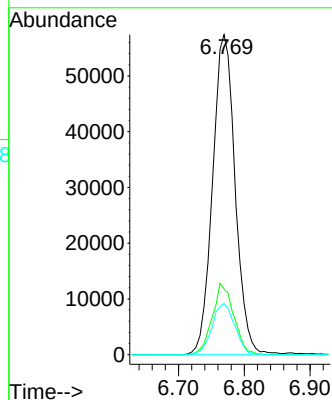
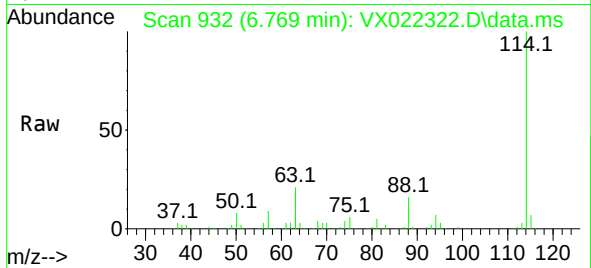




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21

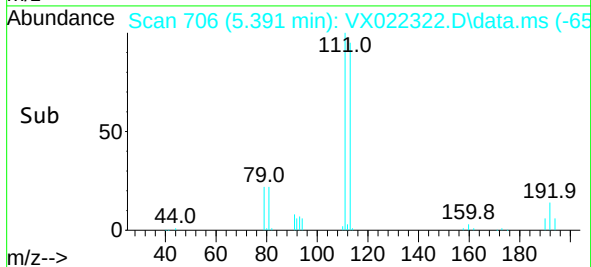
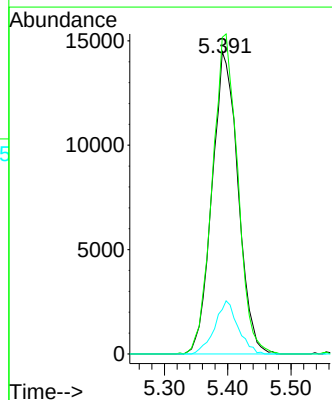
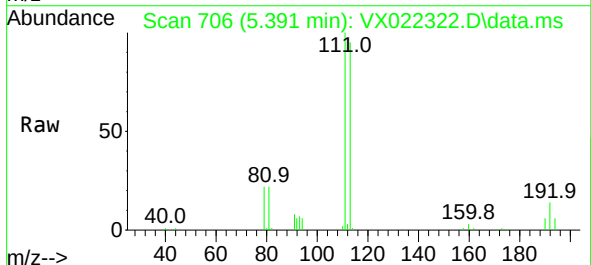
Instrument :
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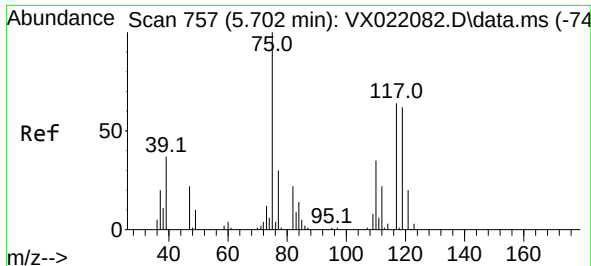
Tgt Ion:114 Resp: 136856
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.49 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21

Tgt Ion:113 Resp: 41213
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 15.7 16.7 25.1#

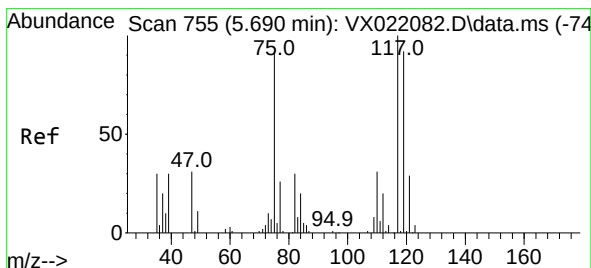
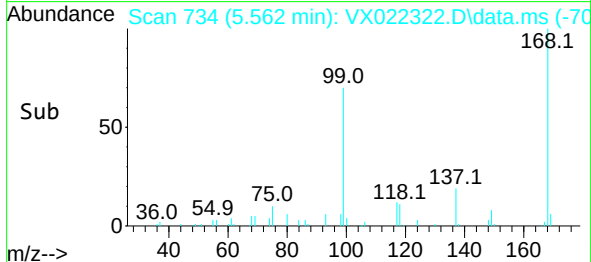
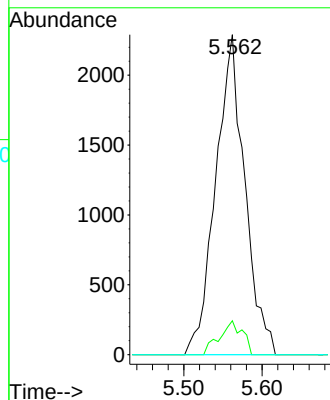
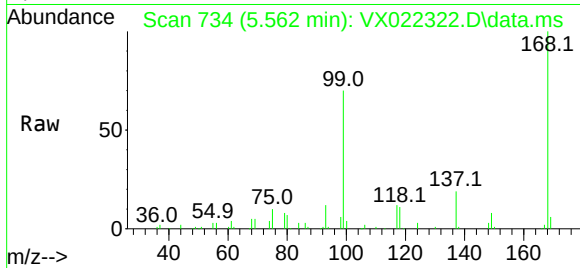




#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21

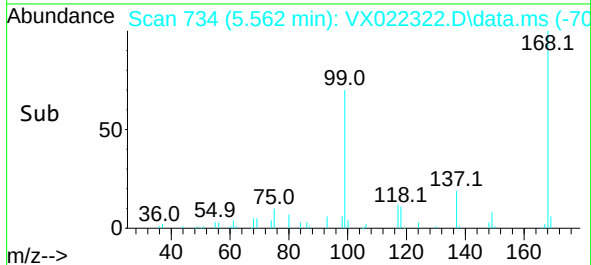
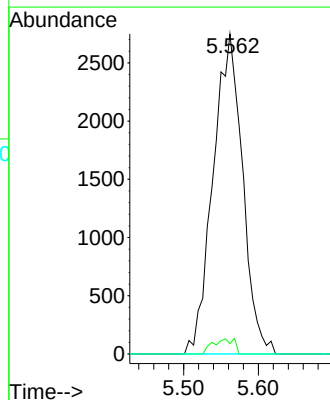
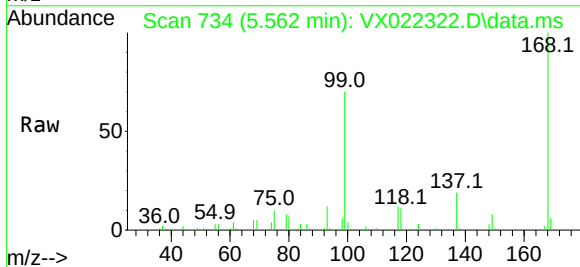
Instrument :
MSVOA_X
ClientSampleId :
29BR-20210528

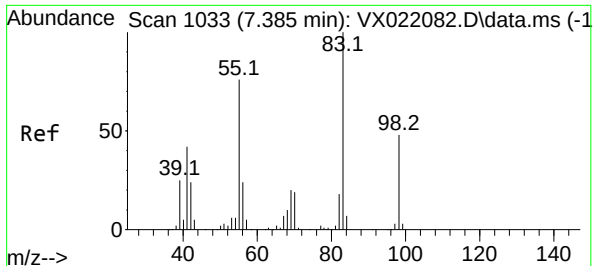
Tgt Ion: 75 Resp: 5913
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.10 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21

Tgt Ion: 117 Resp: 7552
Ion Ratio Lower Upper
117 100
119 3.3 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 1.74 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX022322.D

Acq: 02 Jun 2021 04:21

Tgt Ion: 83 Resp: 2493

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

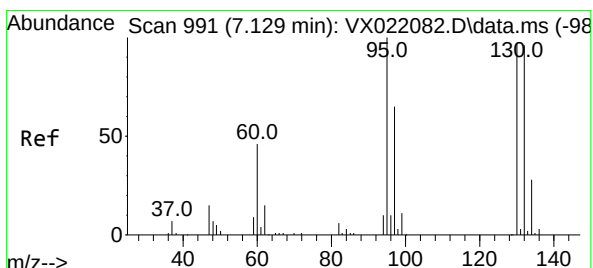
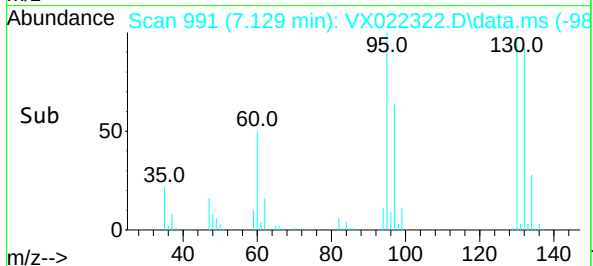
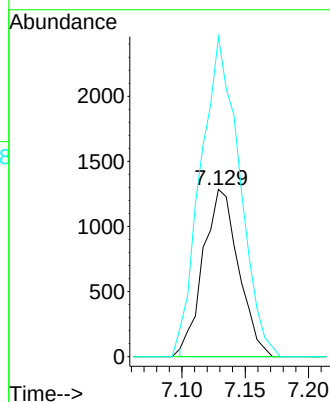
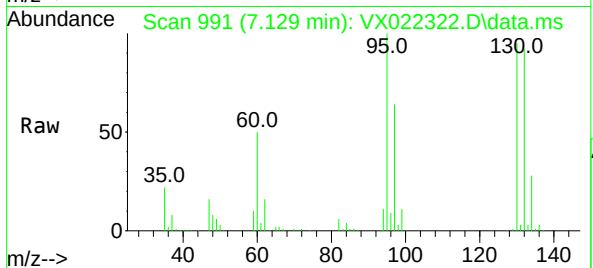
98 191.3 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

29BR-20210528



#44

Trichloroethene

Concen: 203.86 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX022322.D

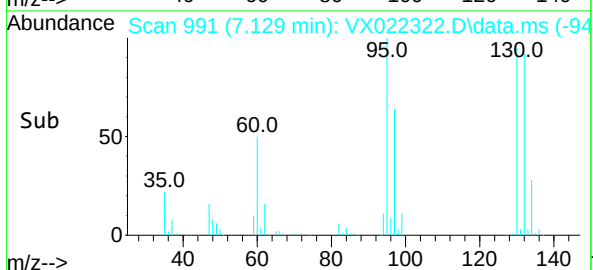
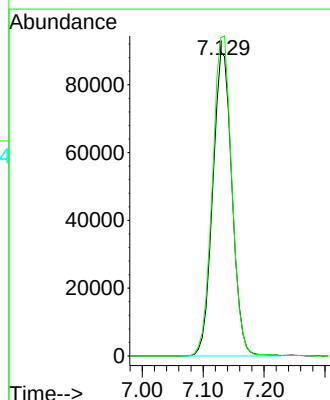
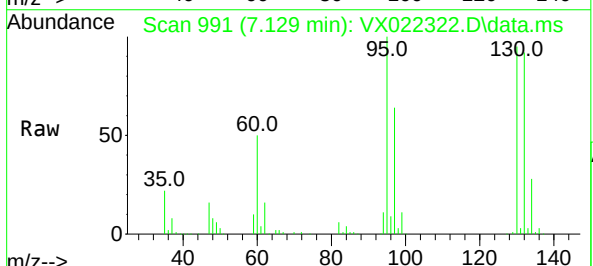
Acq: 02 Jun 2021 04:21

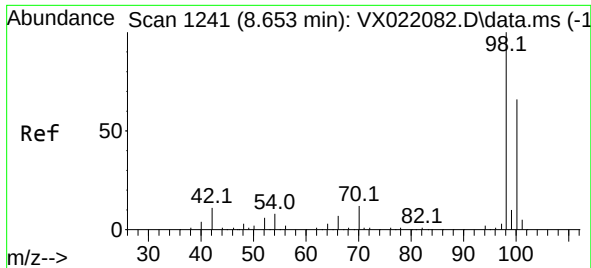
Tgt Ion:130 Resp: 197254

Ion Ratio Lower Upper

130 100

95 104.7 0.0 198.0

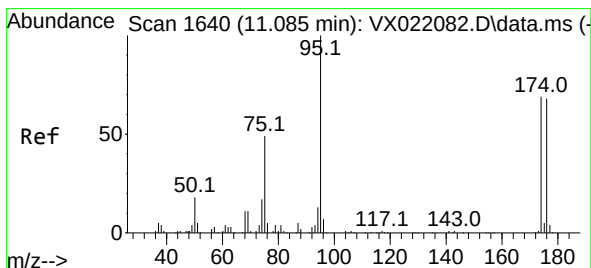
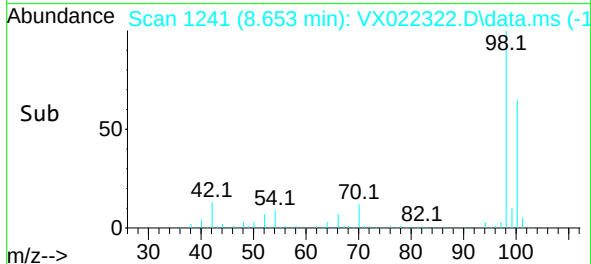
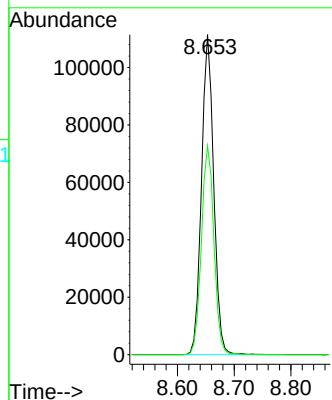
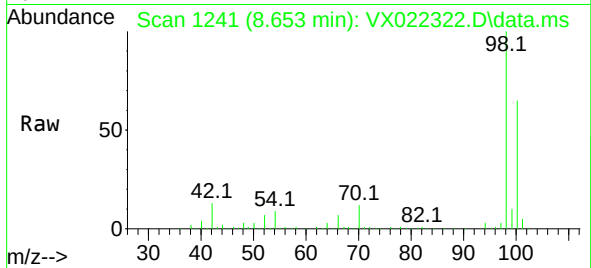




#50
Toluene-d8
Concen: 49.64 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21

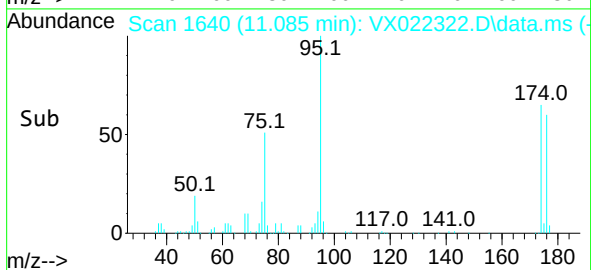
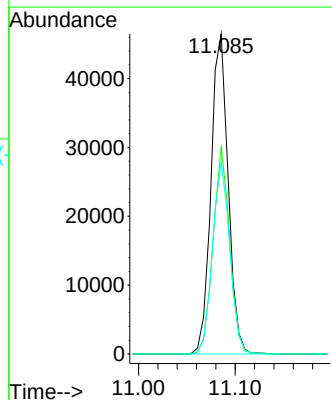
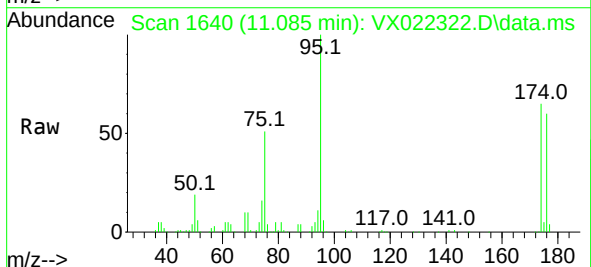
Instrument :
MSVOA_X
ClientSampleId :
29BR-20210528

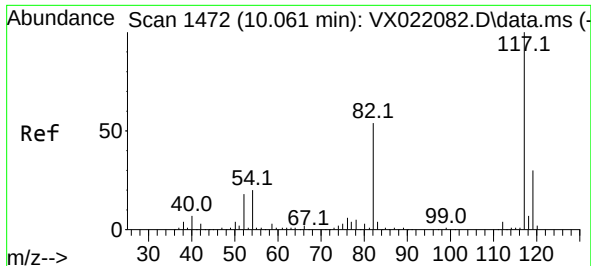
Tgt Ion: 98 Resp: 165938
Ion Ratio Lower Upper
98 100
100 67.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.35 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21

Tgt Ion: 95 Resp: 57278
Ion Ratio Lower Upper
95 100
174 62.8 0.0 154.6
176 60.2 0.0 155.8

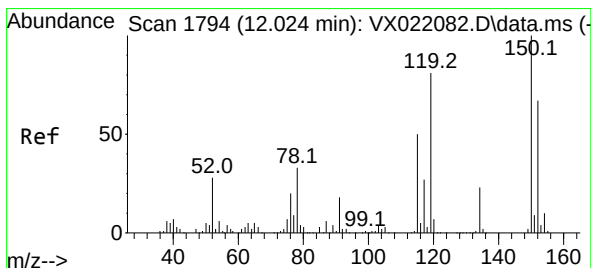
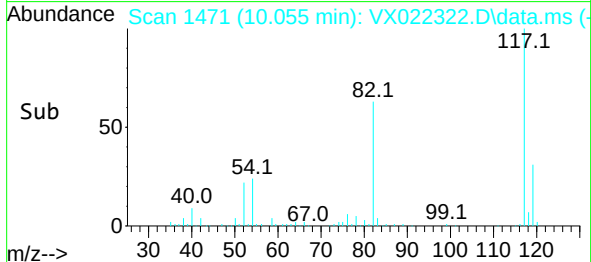
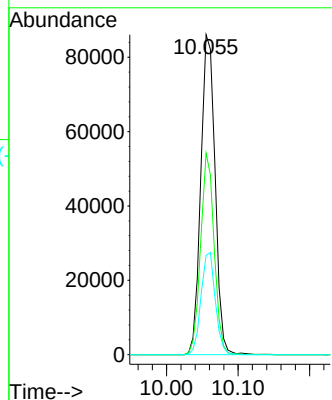
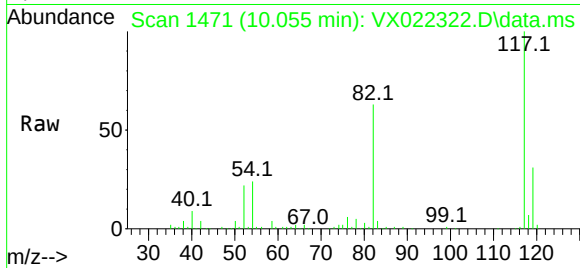




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21

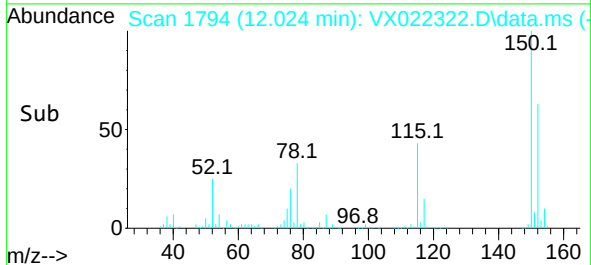
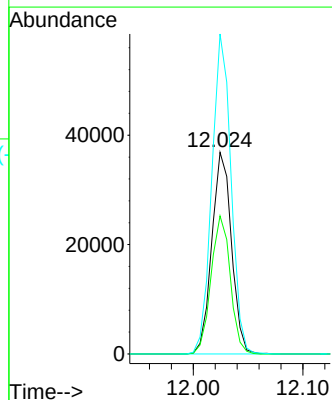
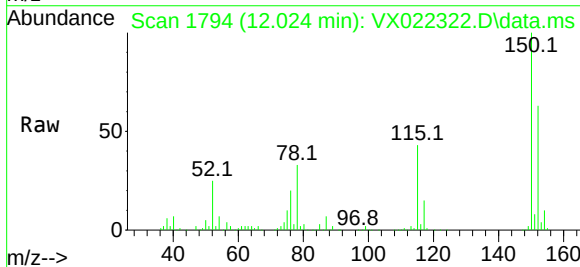
Instrument :
MSVOA_X
ClientSampleId :
29BR-20210528

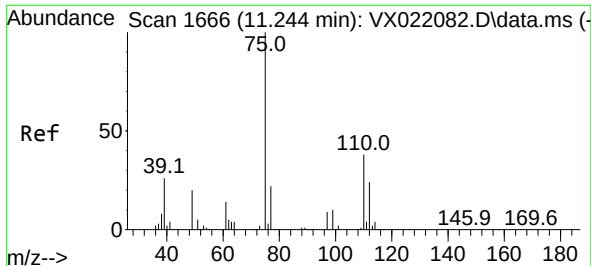
Tgt Ion:117 Resp: 119592
Ion Ratio Lower Upper
117 100
82 63.0 47.4 71.2
119 31.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21

Tgt Ion:152 Resp: 46026
Ion Ratio Lower Upper
152 100
115 66.9 41.1 123.3
150 154.7 0.0 349.0

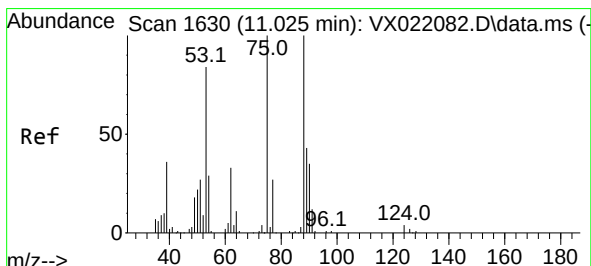
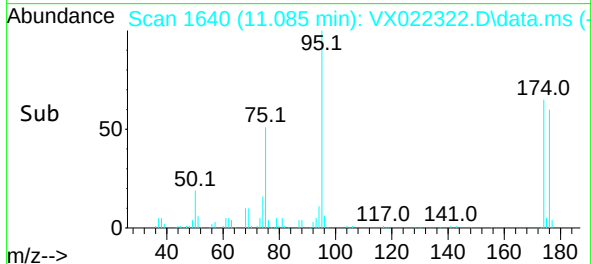
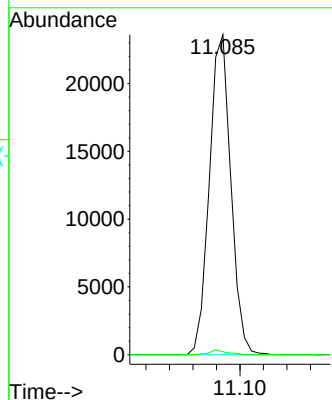
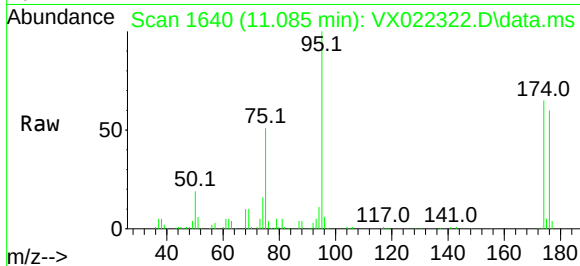




#76
1,2,3-Trichloropropane
Concen: 26.39 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21

Instrument :
MSVOA_X
ClientSampleId :
29BR-20210528

Tgt Ion: 75 Resp: 29962
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.52 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022322.D
Acq: 02 Jun 2021 04:21

Tgt Ion: 75 Resp: 29962
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

