

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029168.D
 Acq On : 03 Jun 2022 05:08
 Operator : JC/MD
 Sample : N3164-08 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31BR-20220531

Quant Time: Jun 03 06:29:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	316153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	580498	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	557945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	253443	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204090	57.247	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	114.500%
35) Dibromofluoromethane	5.385	113	191989	49.792	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.580%
50) Toluene-d8	8.653	98	682850	48.421	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.840%
62) 4-Bromofluorobenzene	11.085	95	267430	49.058	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.120%

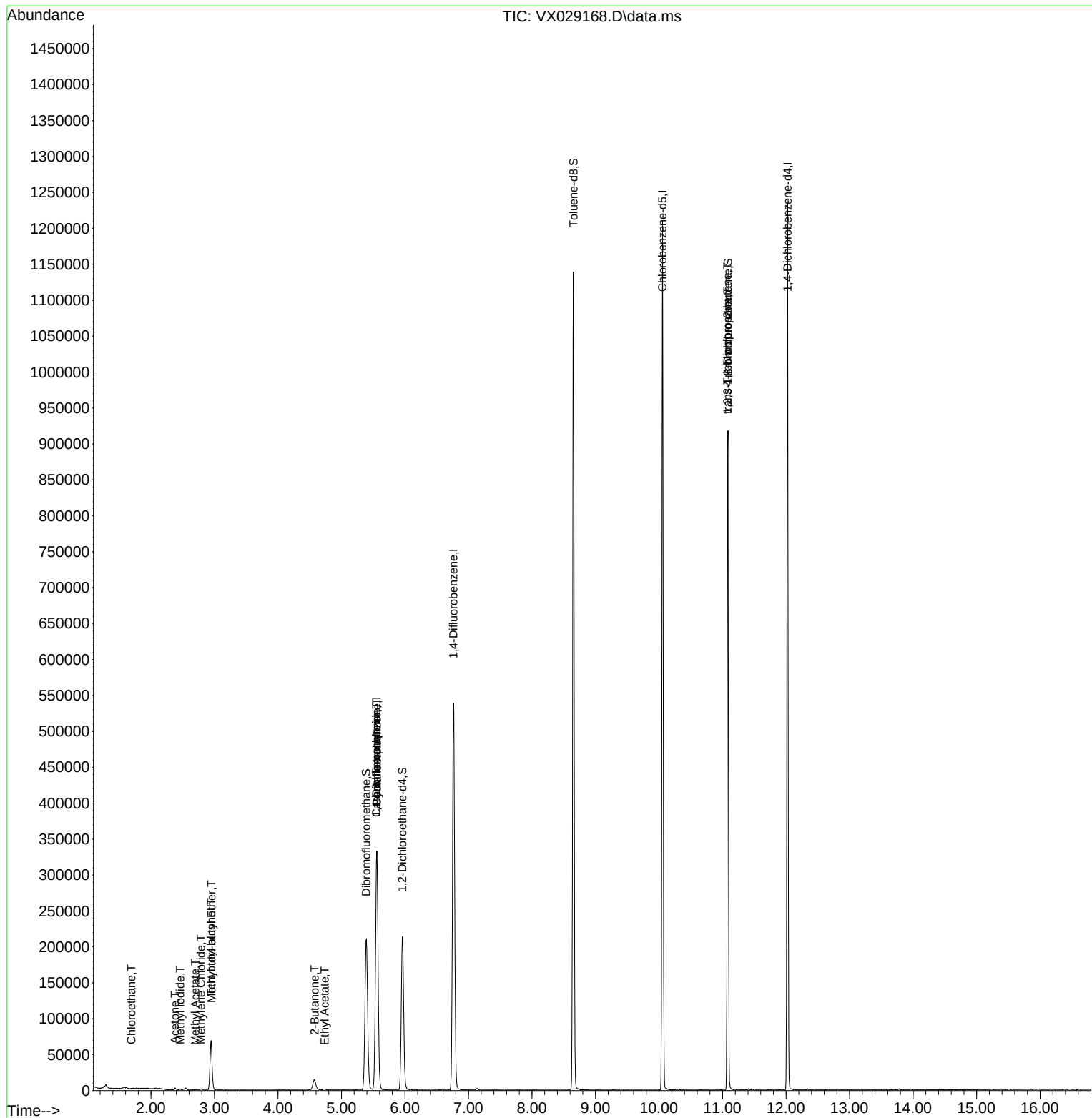
Target Compounds				Qvalue		
5) Bromomethane	1.617	94	930	Below Cal	#	65
6) Chloroethane	1.691	64	280	1.503	ug/l #	43
10) Methyl Iodide	2.459	142	1226	4.541	ug/l #	92
11) Tert butyl alcohol	2.946	59	37805	45.776	ug/l #	75
16) Acetone	2.380	43	2446	1.742	ug/l	95
18) Methyl Acetate	2.697	43	758	0.209	ug/l	91
19) Methyl tert-butyl Ether	2.953	73	2222	0.230	ug/l #	79
20) Methylene Chloride	2.788	84	780	0.238	ug/l #	66
25) 2-Butanone	4.574	43	955	0.422	ug/l #	78
31) Cyclohexane	5.556	56	5669	1.223	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	23634	4.764	ug/l #	49
37) Ethyl Acetate	4.733	43	1932	0.402	ug/l #	81
38) Carbon Tetrachloride	5.550	117	33352	5.882	ug/l #	16
44) Trichloroethene	7.135	130	865	Below Cal		51
76) 1,2,3-Trichloropropane	11.079	75	125540	24.435	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	125540	71.687	ug/l #	15
94) Hexachlorobutadiene	13.725	225	159	Below Cal		75

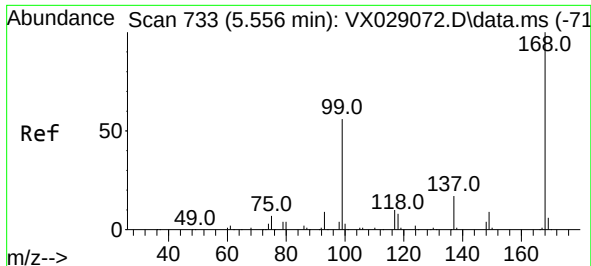
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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31BR-20220531

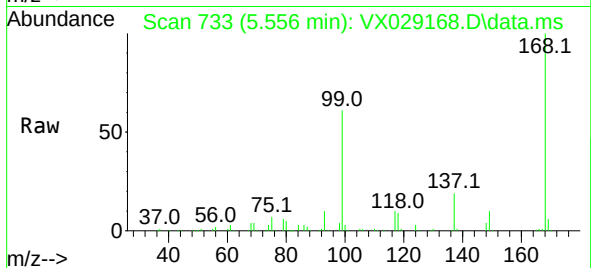
Quant Time: Jun 03 06:29:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
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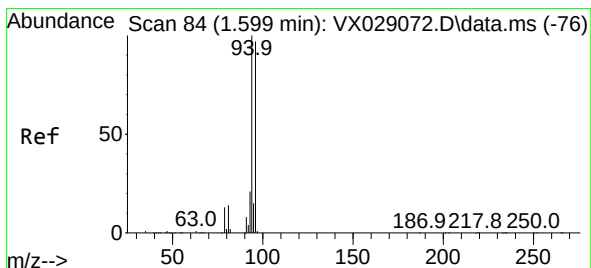
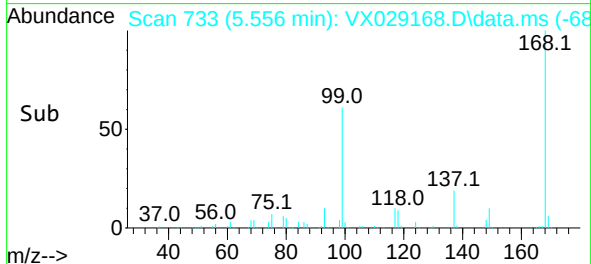
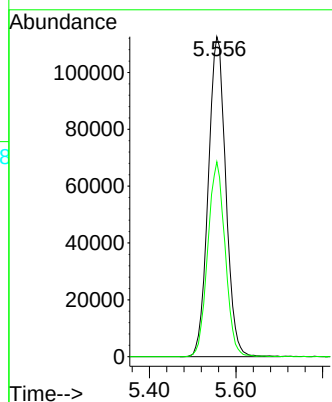


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

Instrument :
MSVOA_X
ClientSampleId :
31BR-20220531

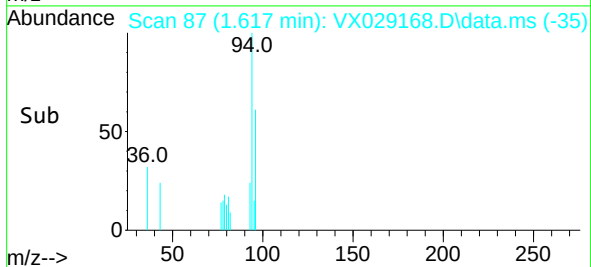
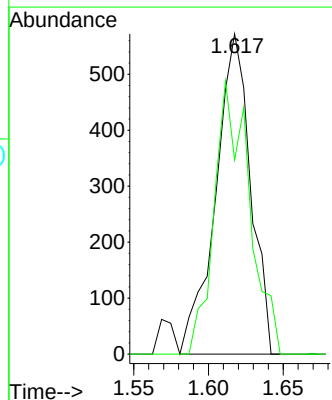
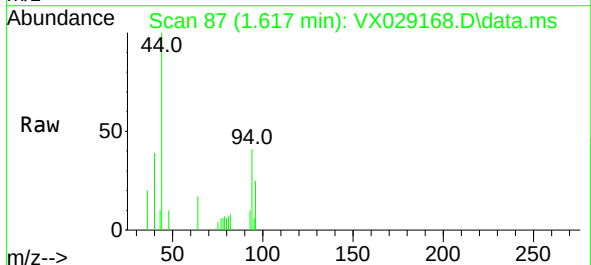


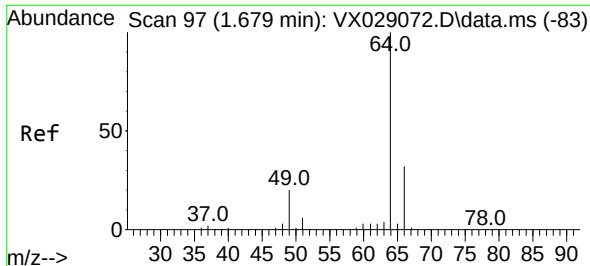
Tgt Ion:168 Resp: 316153
Ion Ratio Lower Upper
168 100
99 60.9 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

Tgt Ion: 94 Resp: 930
Ion Ratio Lower Upper
94 100
96 60.7 75.3 112.9#

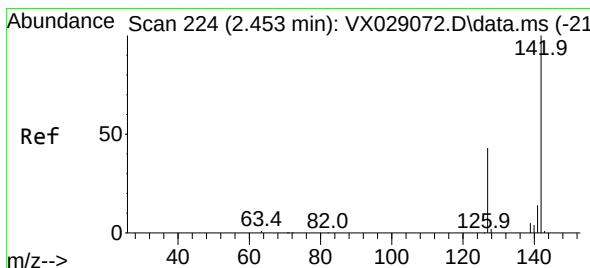
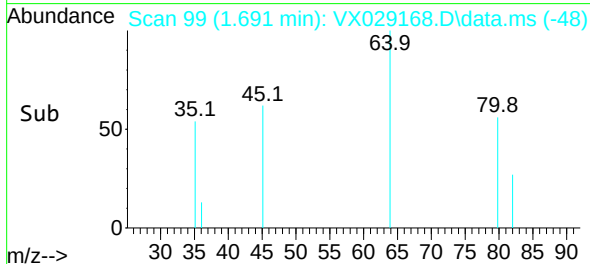
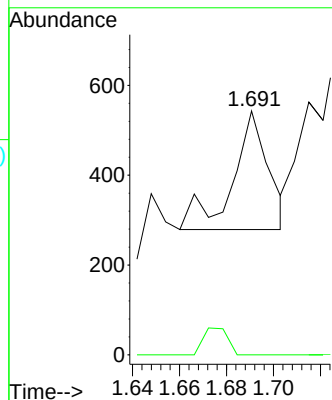
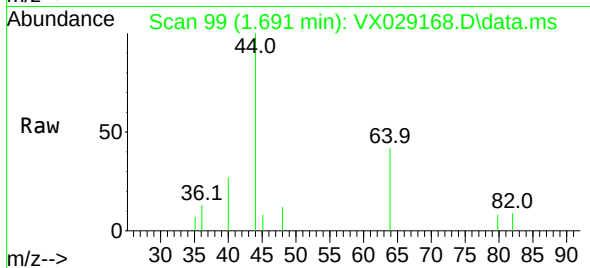




#6
Chloroethane
Concen: 1.503 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

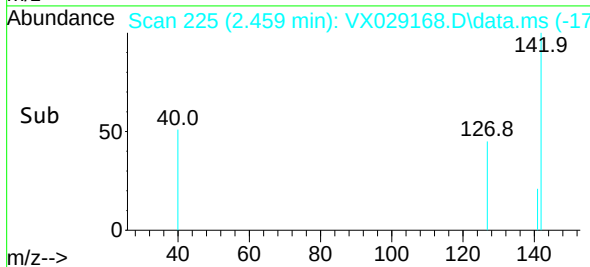
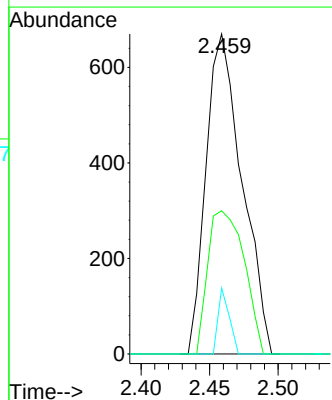
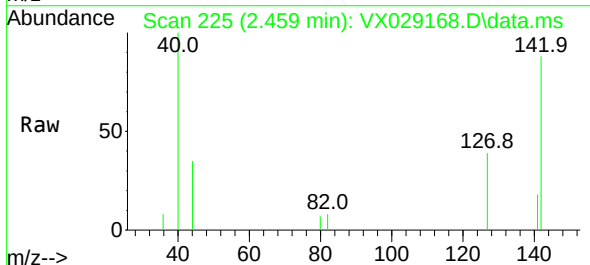
Instrument :
MSVOA_X
ClientSampleId :
31BR-20220531

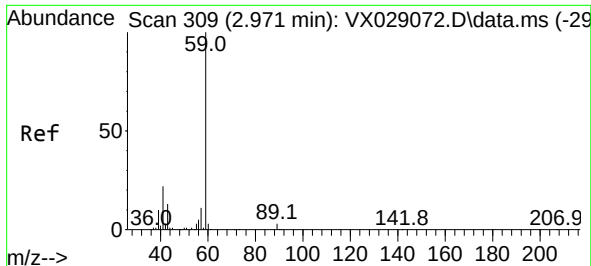
Tgt Ion: 64 Resp: 280
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.541 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

Tgt Ion: 142 Resp: 1226
Ion Ratio Lower Upper
142 100
127 45.1 33.9 50.9
141 6.3 11.4 17.2#

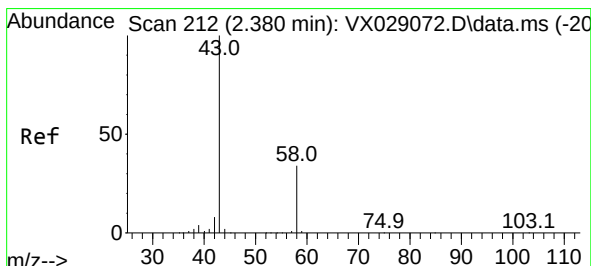
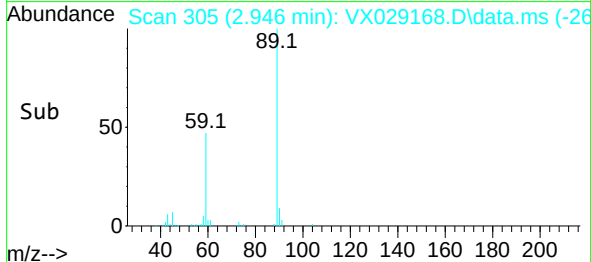
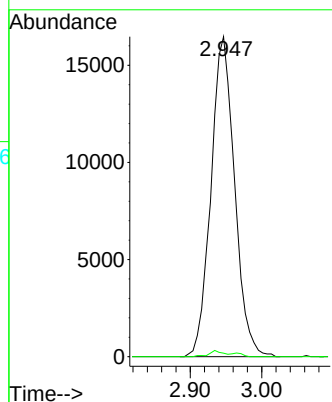
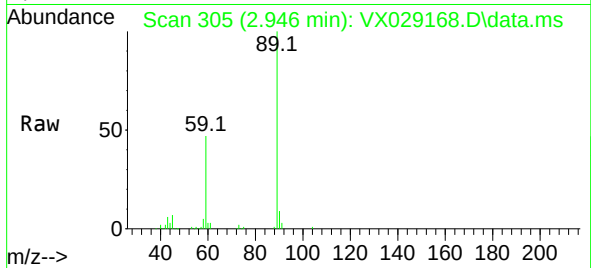




#11
Tert butyl alcohol
Concen: 45.776 ug/l
RT: 2.946 min Scan# 309
Delta R.T. -0.025 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

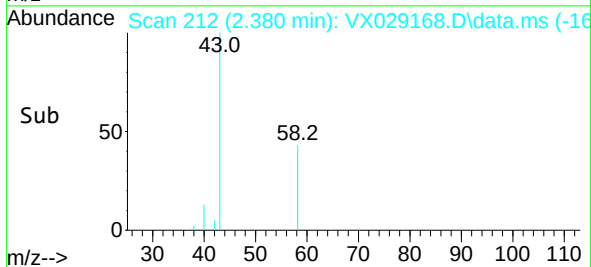
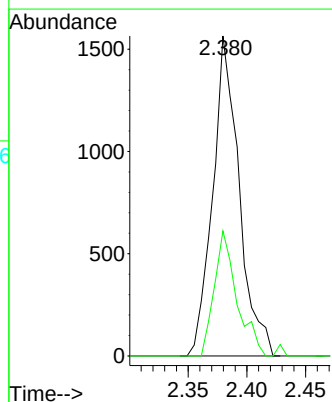
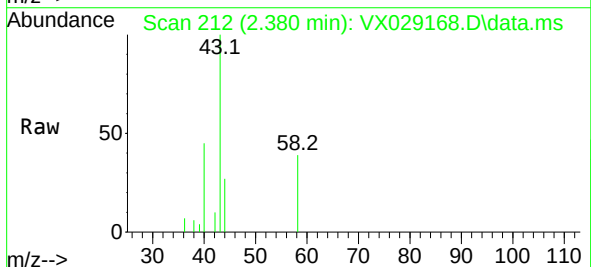
Instrument :
MSVOA_X
ClientSampleId :
31BR-20220531

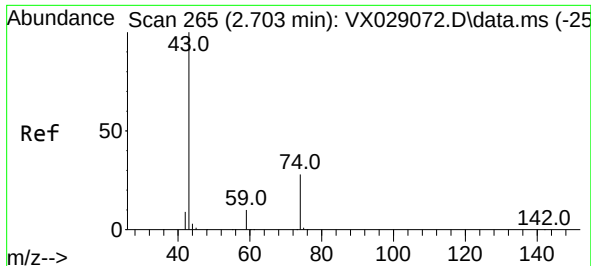
Tgt Ion: 59 Resp: 37805
Ion Ratio Lower Upper
59 100
57 1.2 8.3 12.5#



#16
Acetone
Concen: 1.742 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

Tgt Ion: 43 Resp: 2446
Ion Ratio Lower Upper
43 100
58 39.1 28.8 43.2





#18

Methyl Acetate

Concen: 0.209 ug/l

RT: 2.697 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX029168.D

Acq: 03 Jun 2022 05:08

Instrument :

MSVOA_X

ClientSampleId :

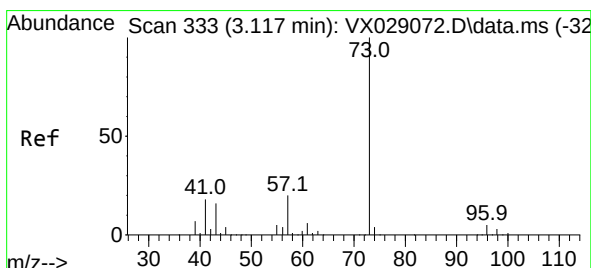
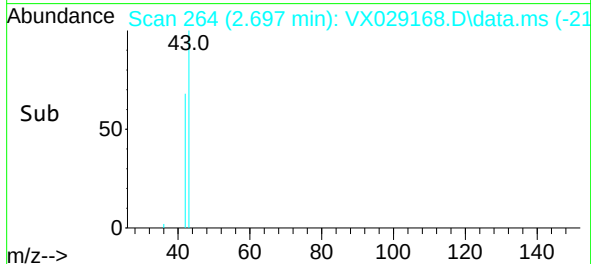
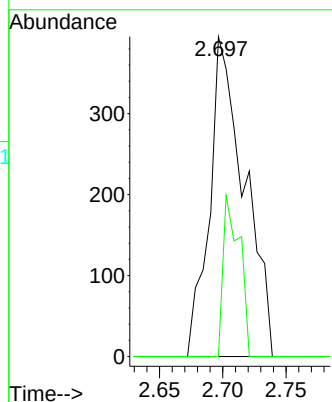
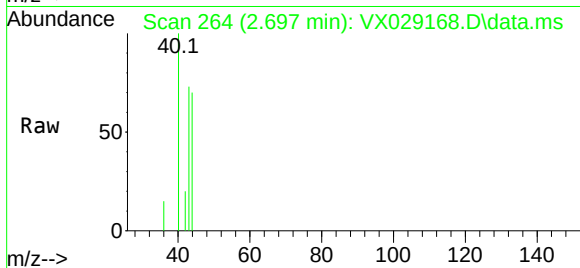
31BR-20220531

Tgt Ion: 43 Resp: 758

Ion Ratio Lower Upper

43 100

74 23.6 22.8 34.2



#19

Methyl tert-butyl Ether

Concen: 0.230 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.164 min

Lab File: VX029168.D

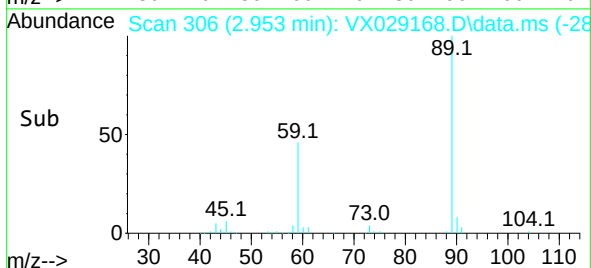
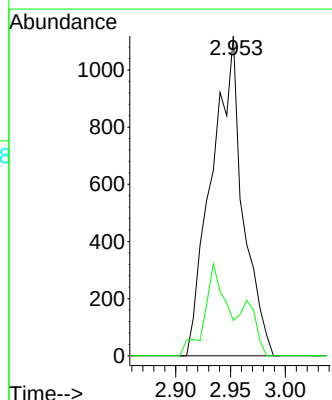
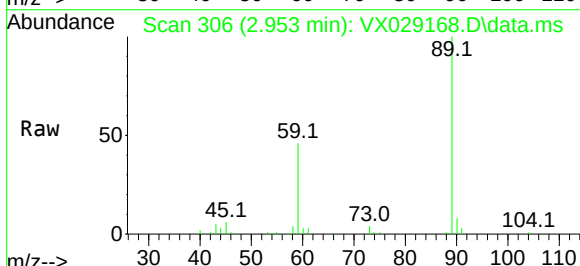
Acq: 03 Jun 2022 05:08

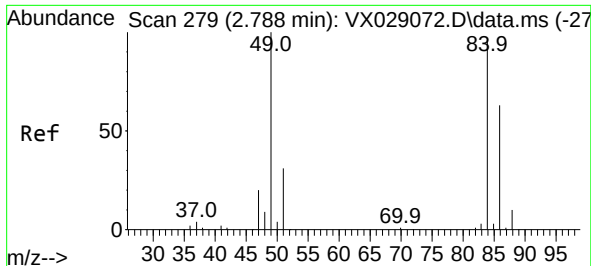
Tgt Ion: 73 Resp: 2222

Ion Ratio Lower Upper

73 100

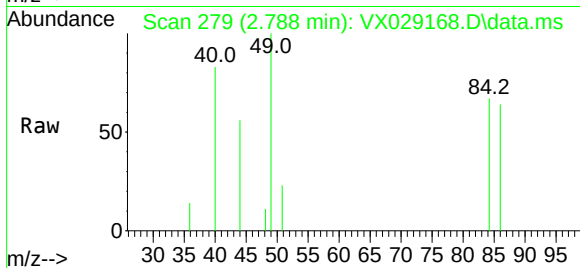
57 11.1 16.8 25.2#



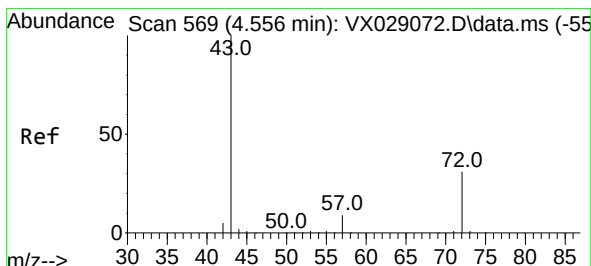
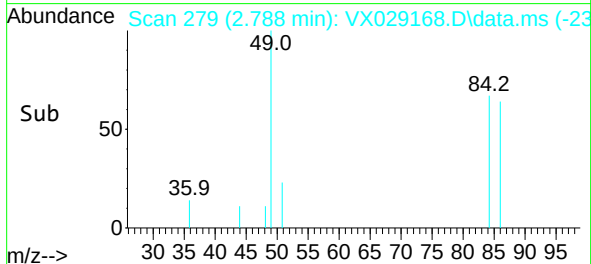
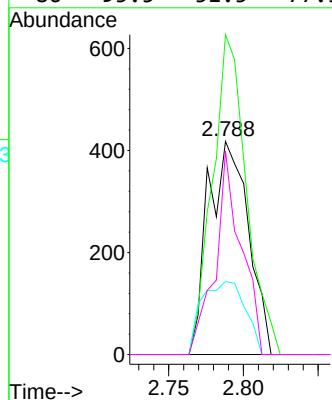


#20
Methylene Chloride
Concen: 0.238 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

Instrument :
MSVOA_X
ClientSampleId :
31BR-20220531

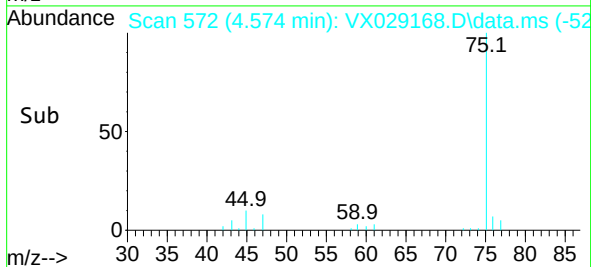
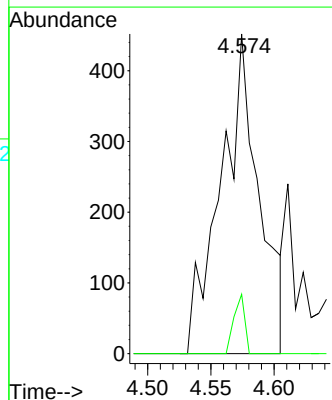
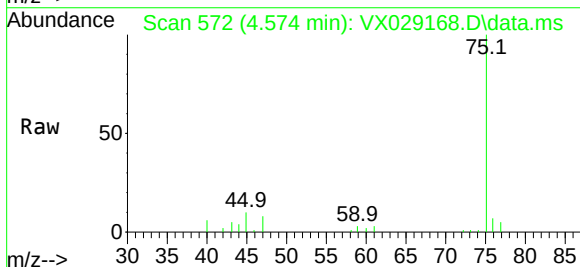


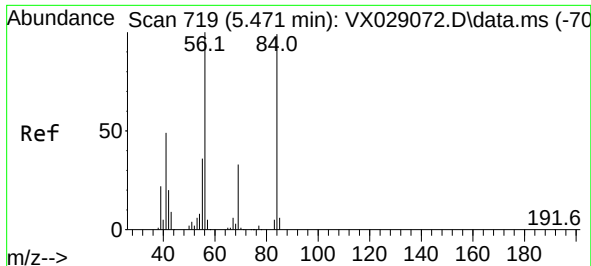
Tgt Ion:	84	Resp:	780
Ion	Ratio	Lower	Upper
84	100		
49	150.0	85.5	128.3#
51	34.2	26.6	39.8
86	95.5	51.5	77.3#



#25
2-Butanone
Concen: 0.422 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

Tgt Ion:	43	Resp:	955
Ion	Ratio	Lower	Upper
43	100		
72	18.6	24.4	36.6#

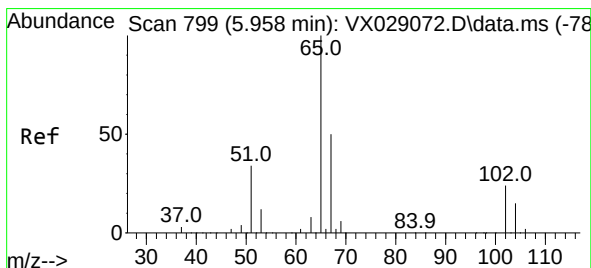
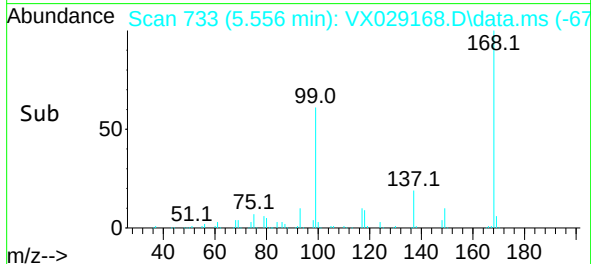
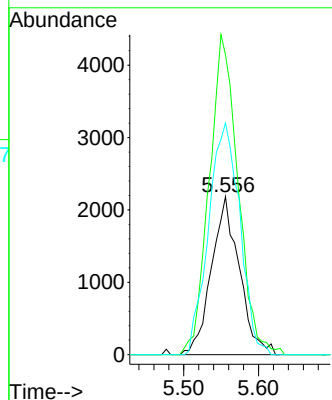
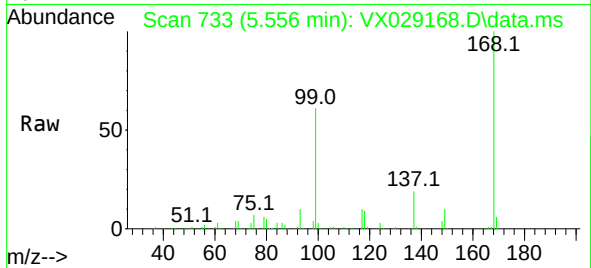




#31
Cyclohexane
Concen: 1.223 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

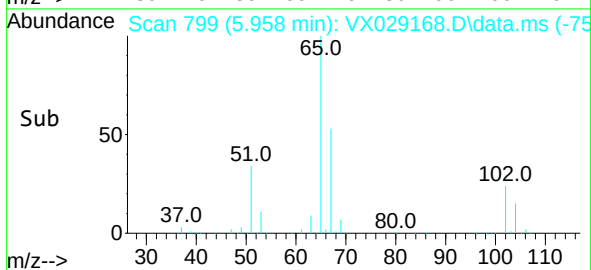
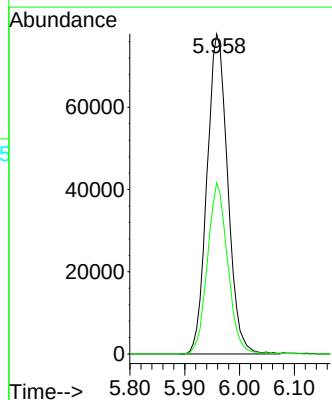
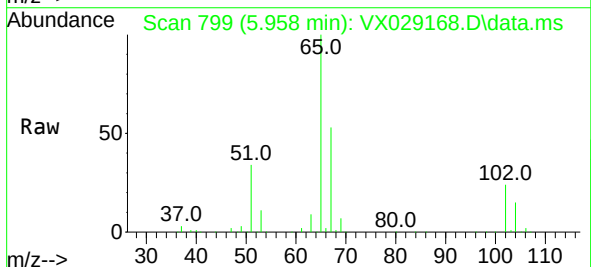
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31BR-20220531

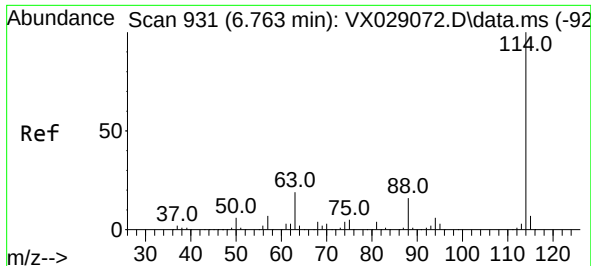
Tgt Ion: 56 Resp: 5669
Ion Ratio Lower Upper
56 100
69 189.8 26.7 40.1#
84 146.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 57.247 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

Tgt Ion: 65 Resp: 204090
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

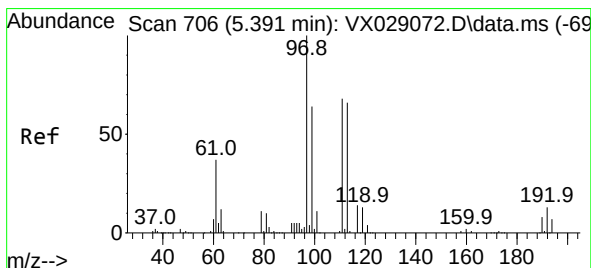
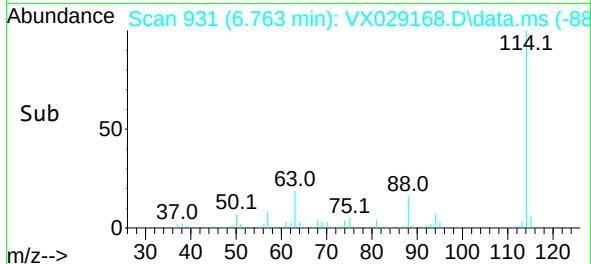
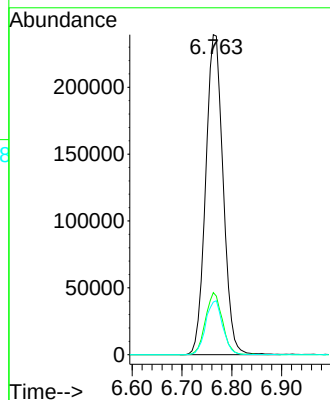
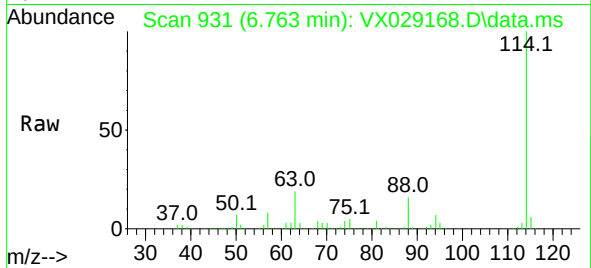




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

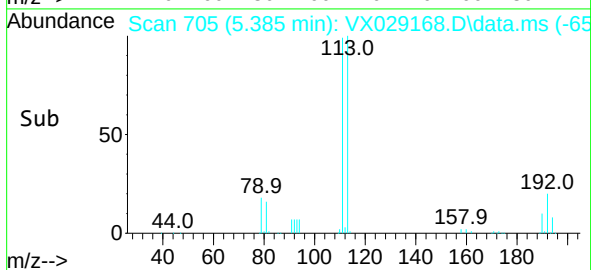
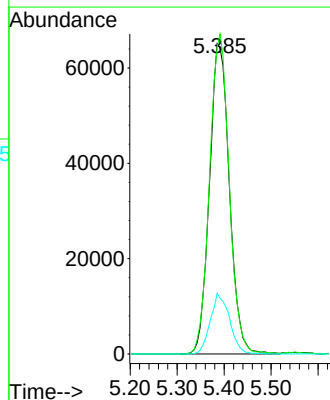
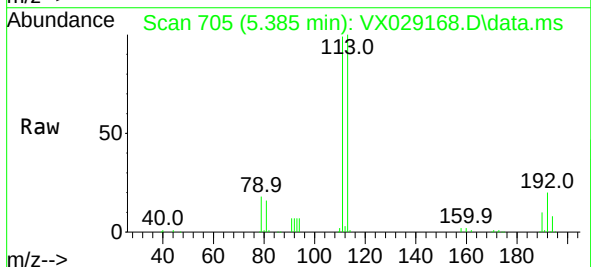
Instrument :
MSVOA_X
ClientSampleId :
31BR-20220531

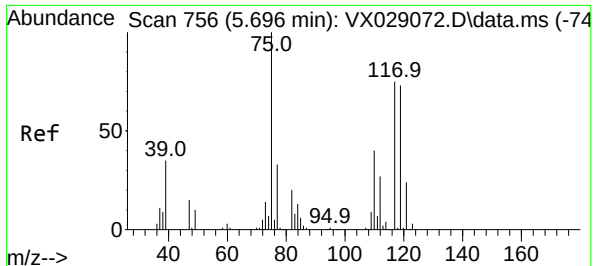
Tgt Ion:114 Resp: 580498
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.792 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

Tgt Ion:113 Resp: 191989
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 18.8 16.9 25.3

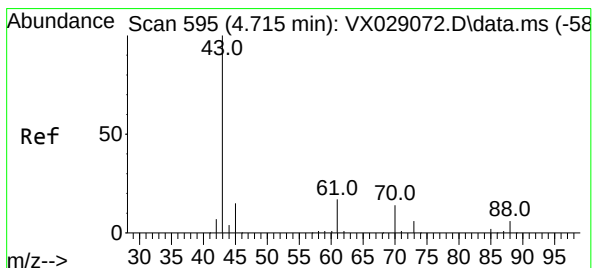
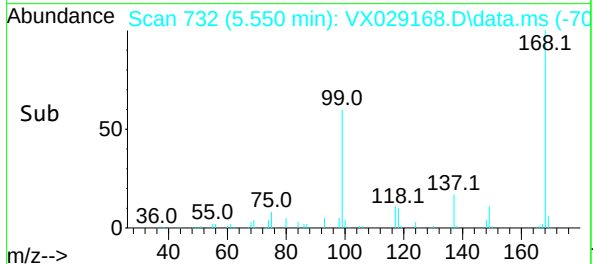
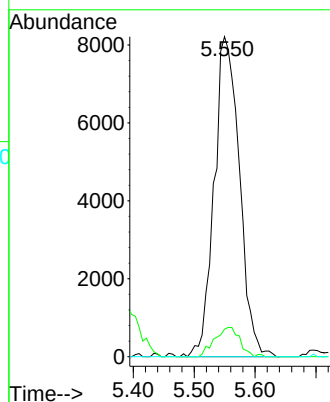
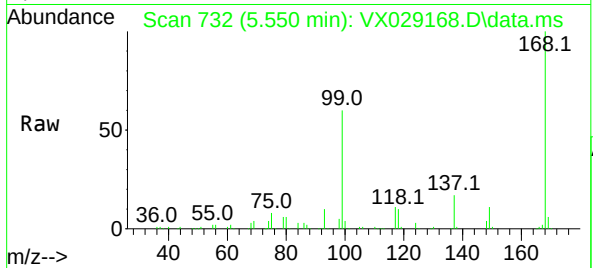




#36
1,1-Dichloropropene
Concen: 4.764 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

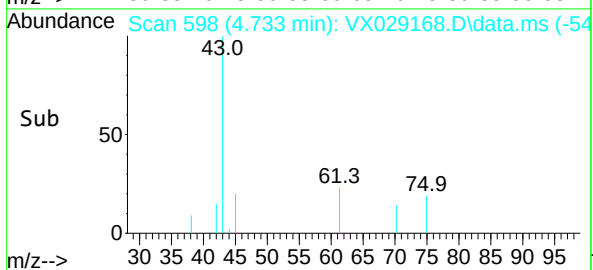
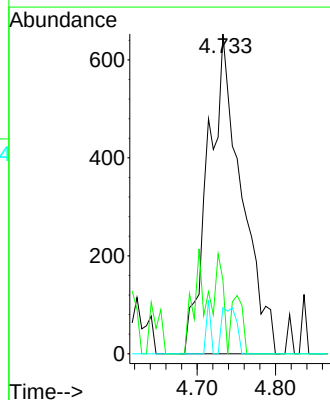
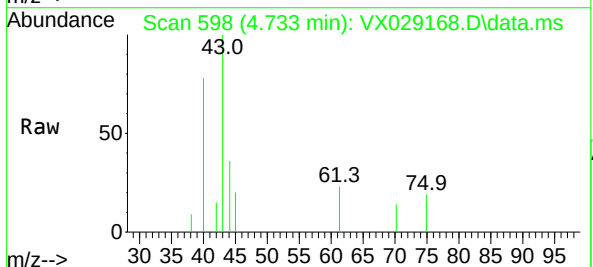
Instrument :
MSVOA_X
ClientSampleId :
31BR-20220531

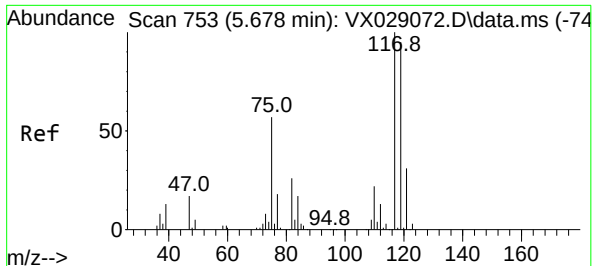
Tgt Ion: 75 Resp: 23634
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 0.402 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

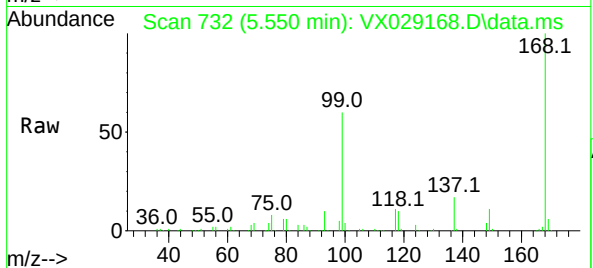
Tgt Ion: 43 Resp: 1932
Ion Ratio Lower Upper
43 100
61 6.7 12.6 19.0#
70 6.4 10.2 15.2#



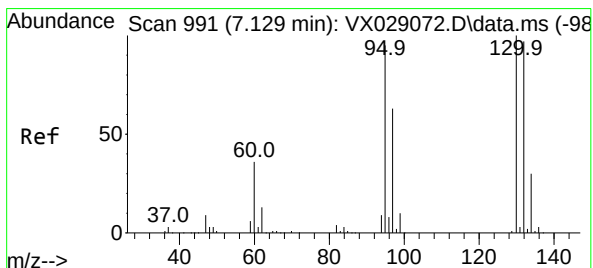
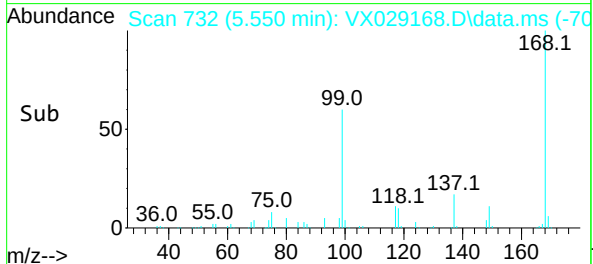
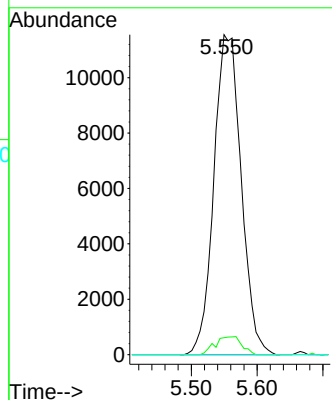


#38
Carbon Tetrachloride
Concen: 5.882 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

Instrument :
MSVOA_X
ClientSampleId :
31BR-20220531

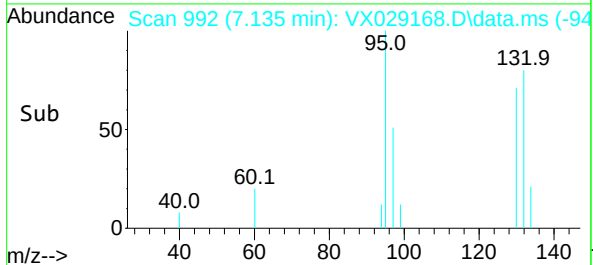
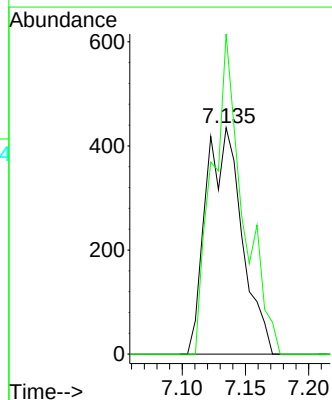
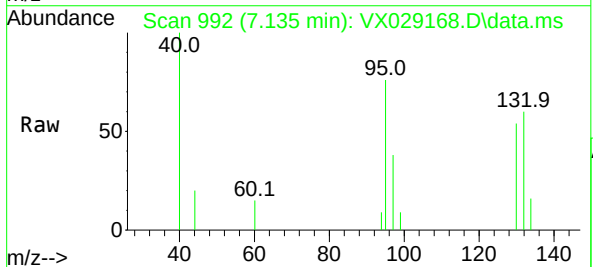


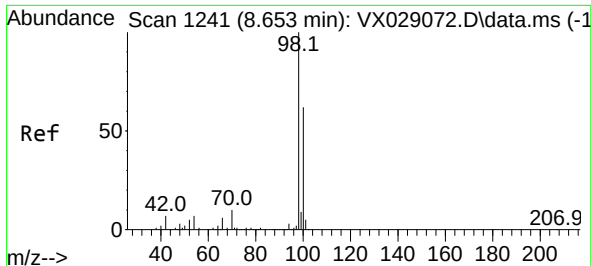
Tgt Ion:117 Resp: 33352
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

Tgt Ion:130 Resp: 865
Ion Ratio Lower Upper
130 100
95 141.4 0.0 188.8

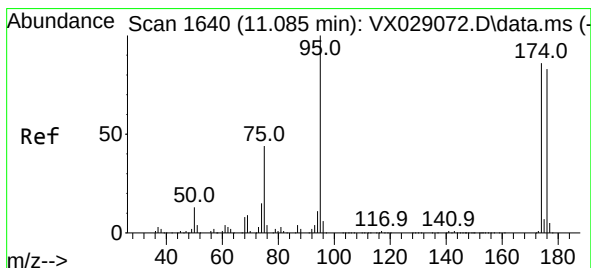
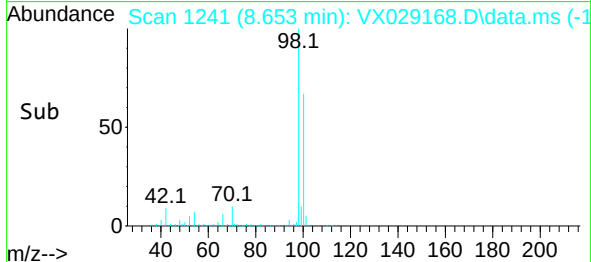
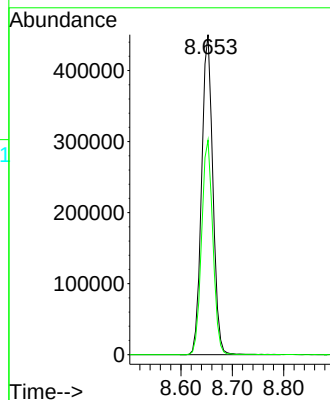
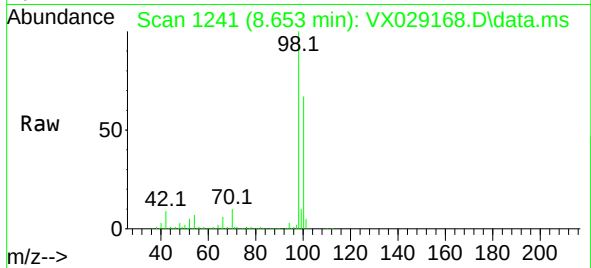




#50
Toluene-d8
Concen: 48.421 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

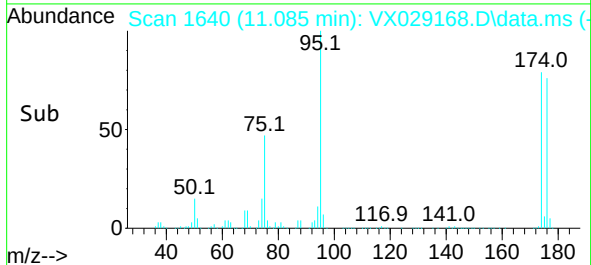
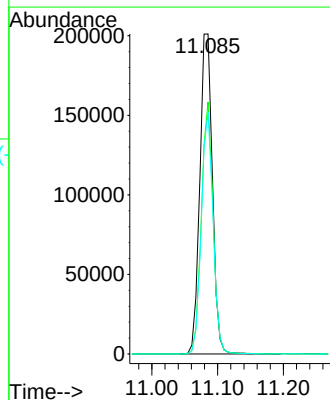
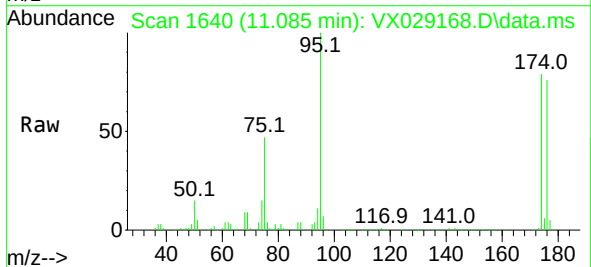
Instrument :
MSVOA_X
ClientSampleId :
31BR-20220531

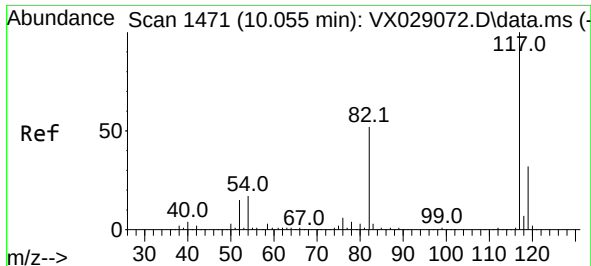
Tgt Ion: 98 Resp: 682850
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.058 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

Tgt Ion: 95 Resp: 267430
Ion Ratio Lower Upper
95 100
174 73.5 0.0 163.0
176 70.6 0.0 155.0

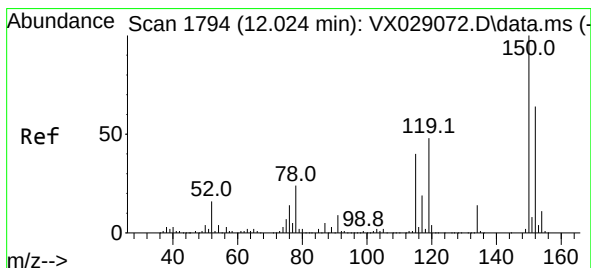
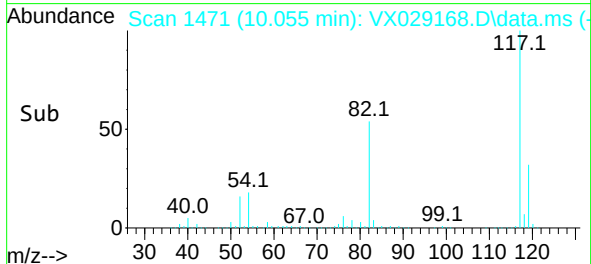
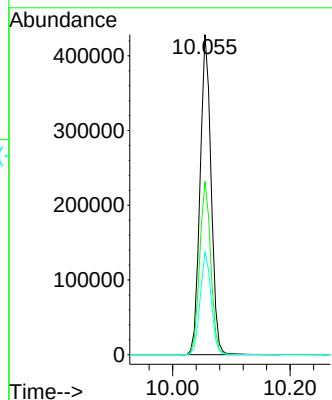
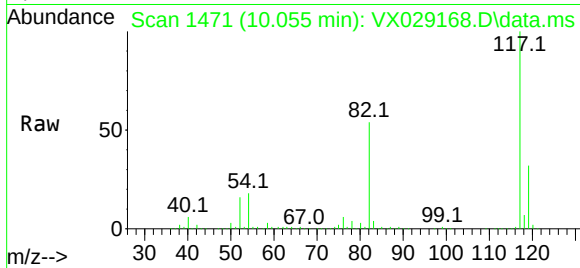




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

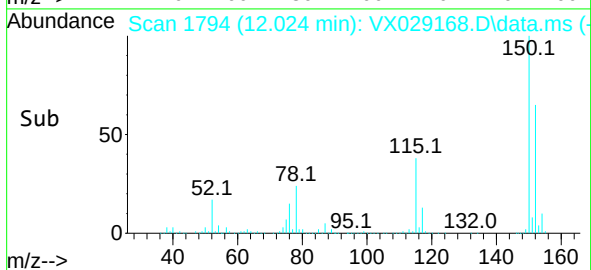
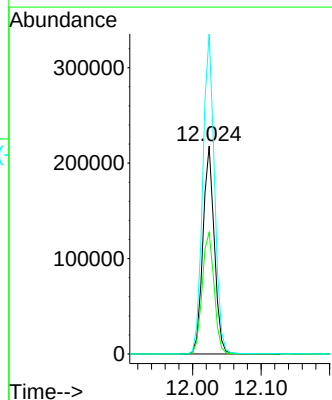
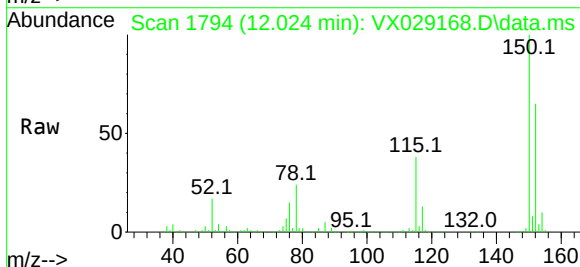
Instrument :
MSVOA_X
ClientSampleId :
31BR-20220531

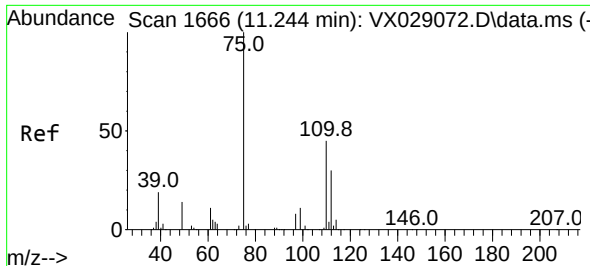
Tgt Ion:117 Resp: 557945
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.8
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

Tgt Ion:152 Resp: 253443
Ion Ratio Lower Upper
152 100
115 61.1 37.5 112.7
150 157.6 0.0 338.2

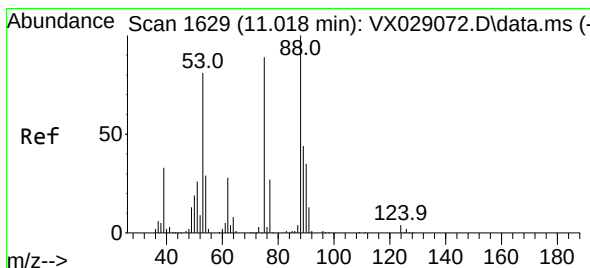
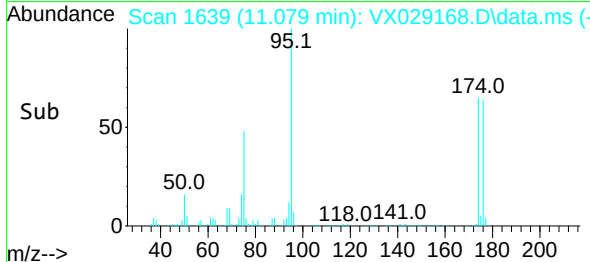
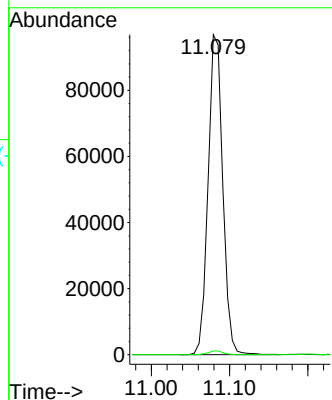
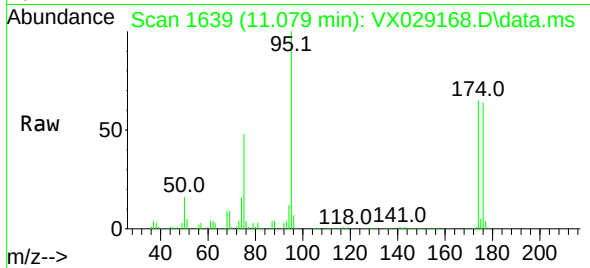




#76
1,2,3-Trichloropropane
Concen: 24.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

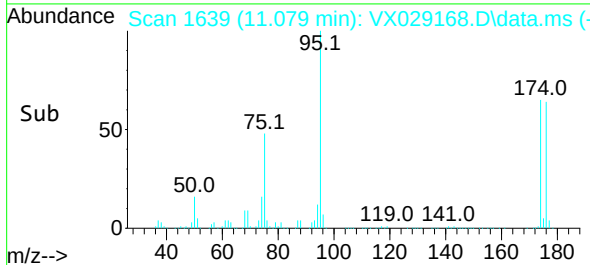
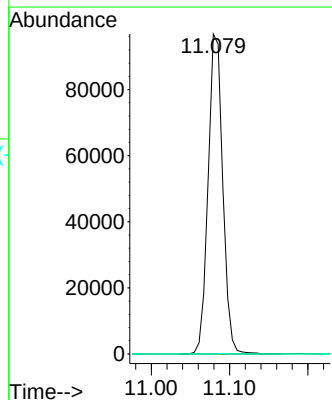
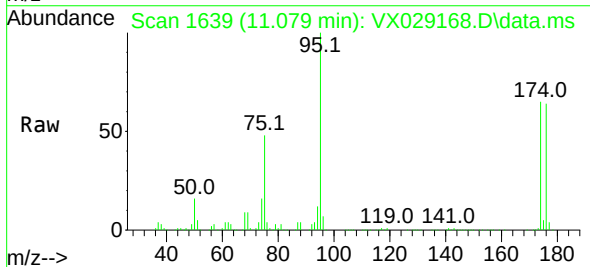
Instrument :
MSVOA_X
ClientSampleId :
31BR-20220531

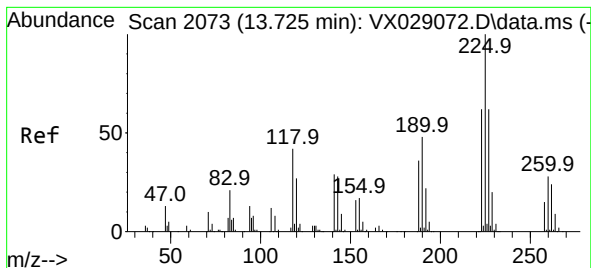
Tgt Ion: 75 Resp: 125540
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.687 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029168.D
Acq: 03 Jun 2022 05:08

Tgt Ion: 75 Resp: 125540
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX029168.D

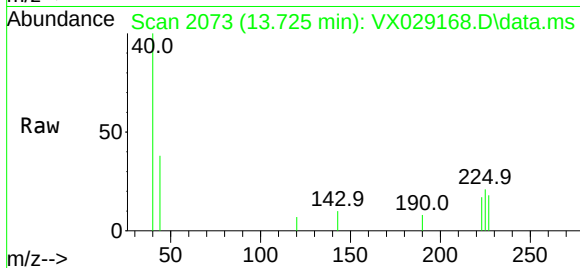
Acq: 03 Jun 2022 05:08

Instrument :

MSVOA_X

ClientSampleId :

31BR-20220531



Tgt Ion:225 Resp: 159

Ion Ratio Lower Upper

225 100

223 87.4 34.2 102.5

227 46.5 33.9 101.7

