

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029214.D
 Acq On : 04 Jun 2022 00:57
 Operator : JC/MD
 Sample : N3165-10 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 63BR-20220531

Quant Time: Jun 06 02:39:28 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	314046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	581040	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	568245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	259492	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207241	58.521	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	117.040%
35) Dibromofluoromethane	5.385	113	193455	50.126	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.260%
50) Toluene-d8	8.653	98	691508	48.990	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.980%
62) 4-Bromofluorobenzene	11.079	95	273537	50.132	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.260%

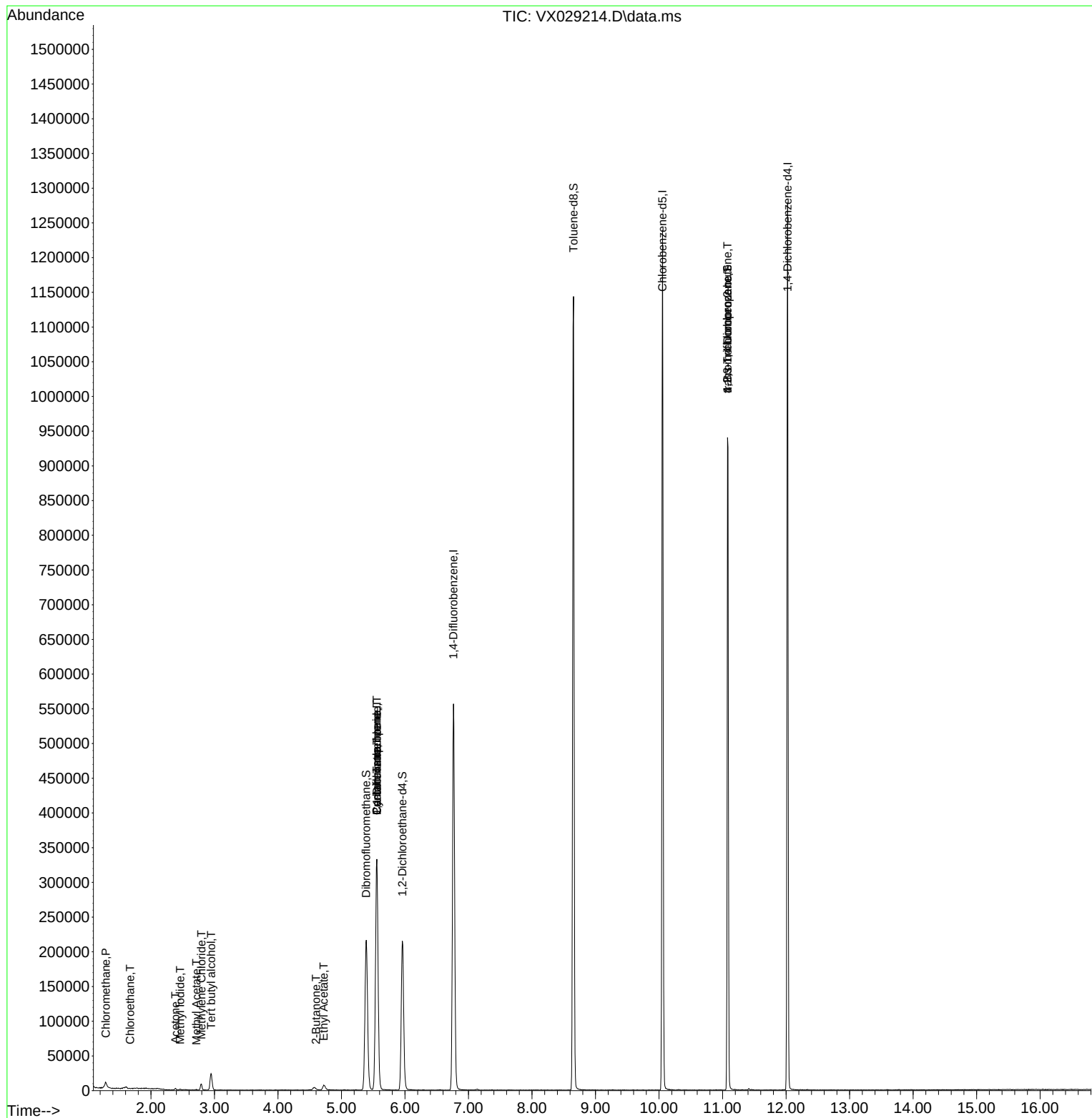
Target Compounds					Qvalue	
3) Chloromethane	1.288	50	680	0.238	ug/l #	80
5) Bromomethane	1.611	94	1022	Below Cal	#	74
6) Chloroethane	1.672	64	331	1.522	ug/l #	43
10) Methyl Iodide	2.459	142	1111	4.514	ug/l #	93
11) Tert butyl alcohol	2.946	59	14187	17.294	ug/l #	76
16) Acetone	2.386	43	2199	1.577	ug/l	99
18) Methyl Acetate	2.715	43	916	0.254	ug/l #	66
20) Methylene Chloride	2.794	84	4163	1.280	ug/l	96
25) 2-Butanone	4.599	43	469	0.208	ug/l #	44
31) Cyclohexane	5.556	56	5883	1.278	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24253	4.884	ug/l #	50
37) Ethyl Acetate	4.721	43	12635	2.625	ug/l	95
38) Carbon Tetrachloride	5.556	117	32436	5.715	ug/l #	17
44) Trichloroethene	7.129	130	576	Below Cal		47
76) 1,2,3-Trichloropropane	11.079	75	133623	25.402	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	133623	74.524	ug/l #	15
94) Hexachlorobutadiene	13.725	225	68	Below Cal	#	37

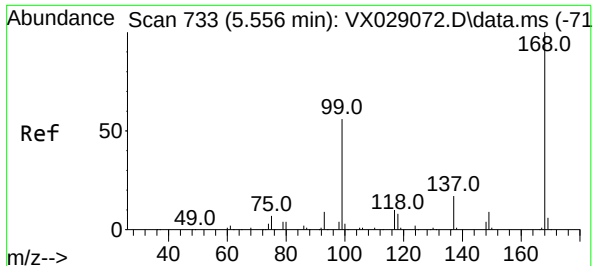
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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63BR-20220531

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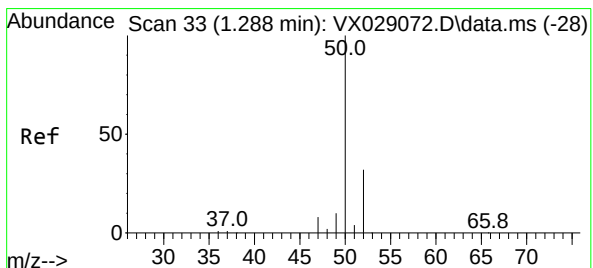
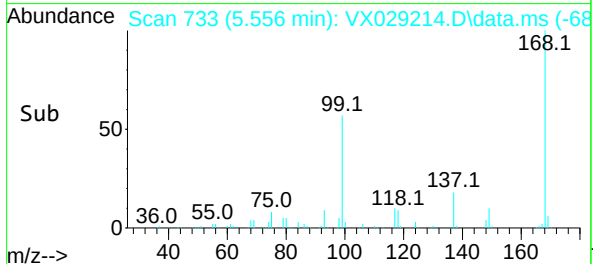
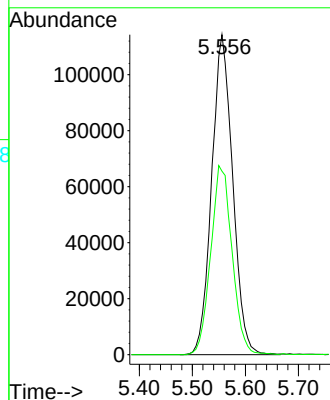
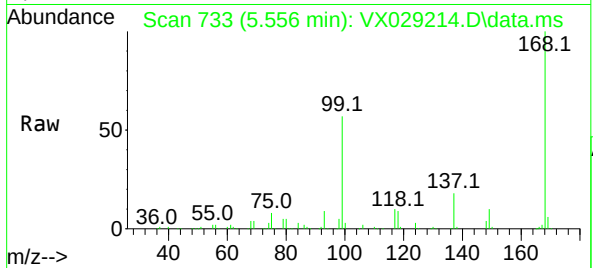




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

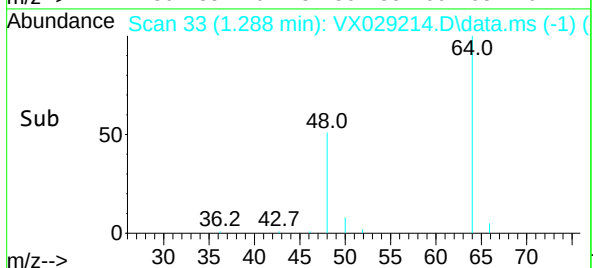
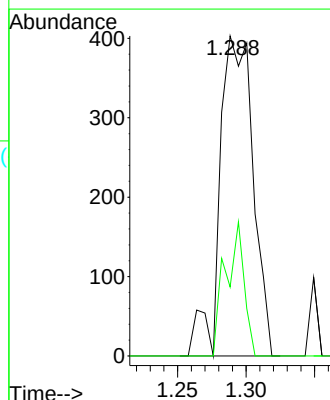
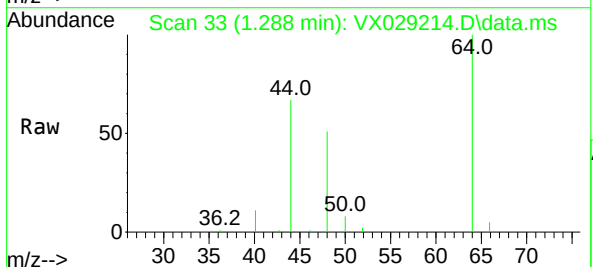
Instrument :
MSVOA_X
ClientSampleId :
63BR-20220531

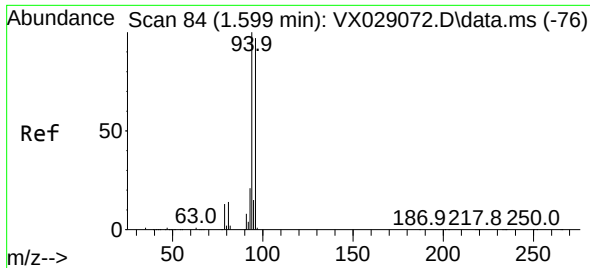
Tgt Ion:168 Resp: 314046
Ion Ratio Lower Upper
168 100
99 57.4 41.7 62.5



#3
Chloromethane
Concen: 0.238 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

Tgt Ion: 50 Resp: 680
Ion Ratio Lower Upper
50 100
52 21.6 26.4 39.6#

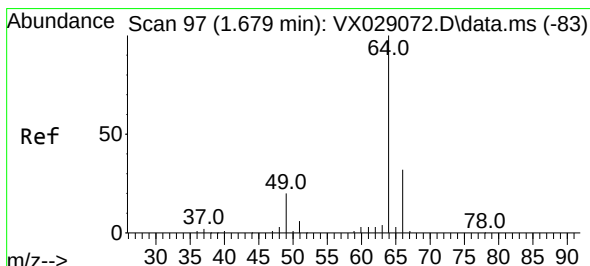
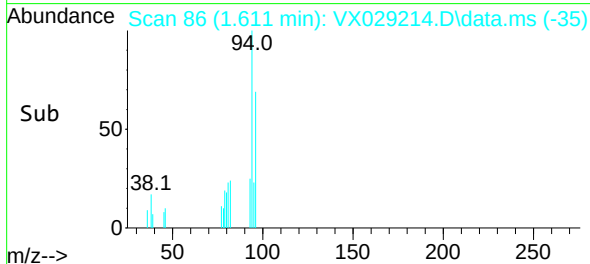
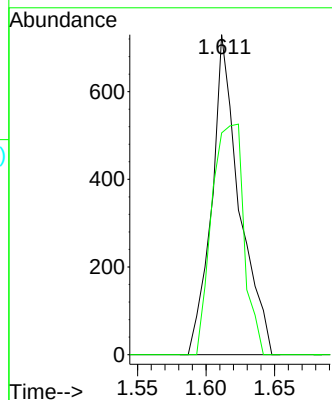
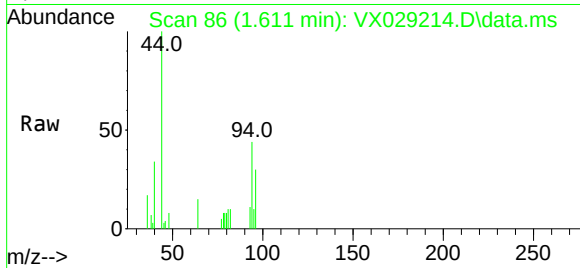




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

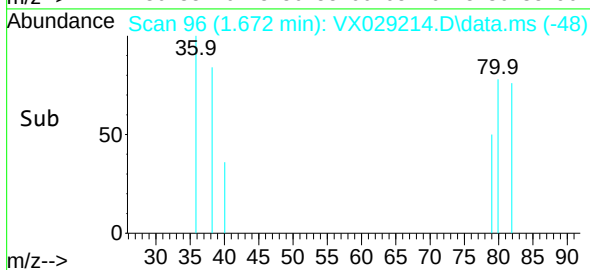
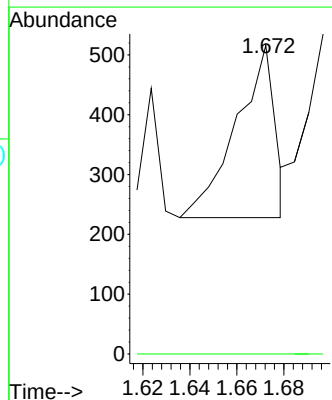
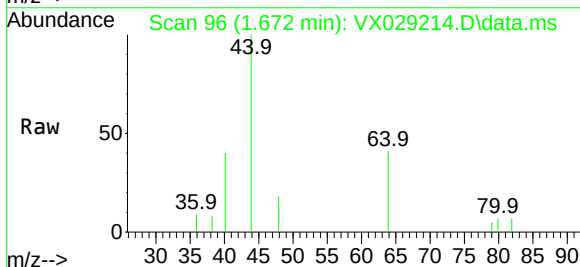
Instrument :
MSVOA_X
ClientSampleId :
63BR-20220531

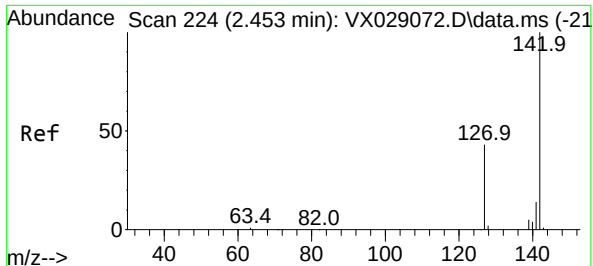
Tgt Ion: 94 Resp: 1022
Ion Ratio Lower Upper
94 100
96 69.3 75.3 112.9#



#6
Chloroethane
Concen: 1.522 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

Tgt Ion: 64 Resp: 331
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

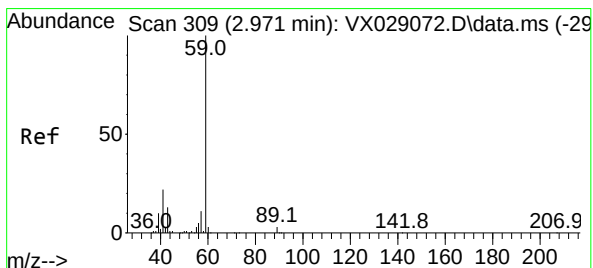
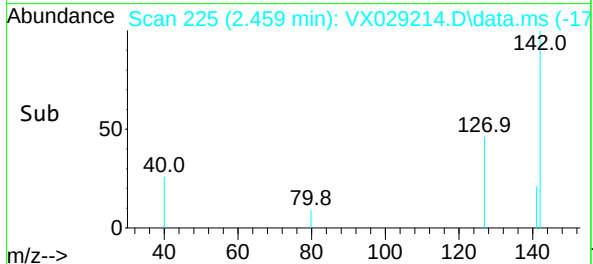
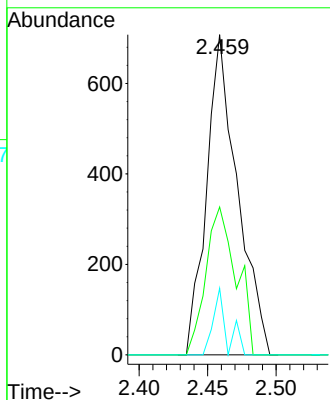
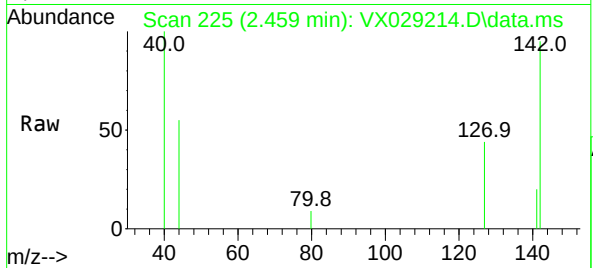




#10
Methyl Iodide
Concen: 4.514 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

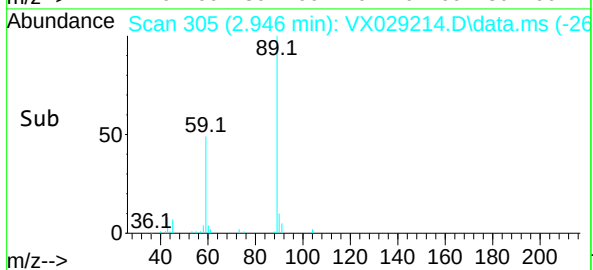
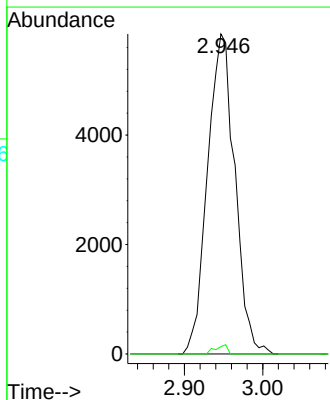
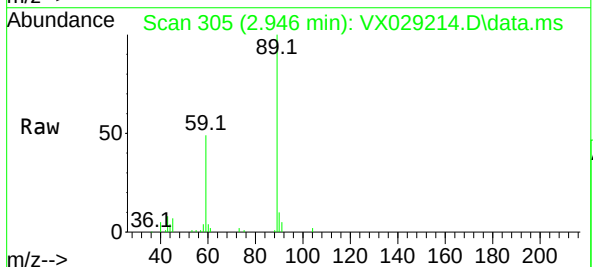
Instrument :
MSVOA_X
ClientSampleId :
63BR-20220531

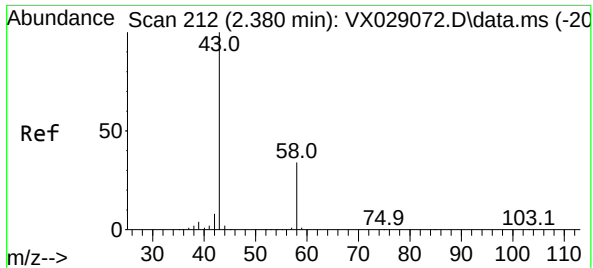
Tgt Ion:142 Resp: 1111
Ion Ratio Lower Upper
142 100
127 45.4 33.9 50.9
141 9.2 11.4 17.2#



#11
Tert butyl alcohol
Concen: 17.294 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

Tgt Ion: 59 Resp: 14187
Ion Ratio Lower Upper
59 100
57 1.2 8.3 12.5#

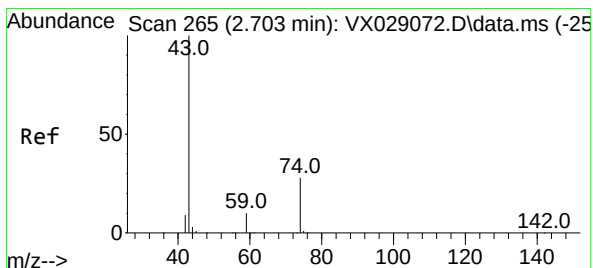
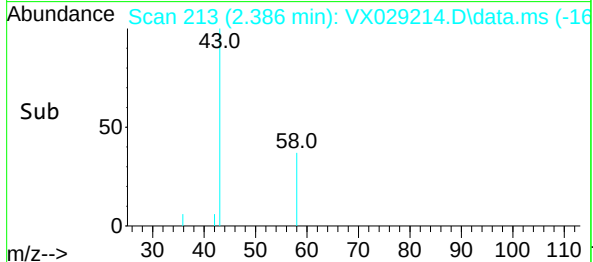
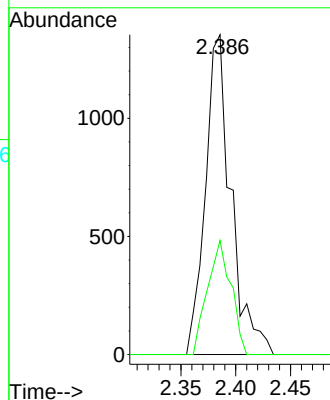
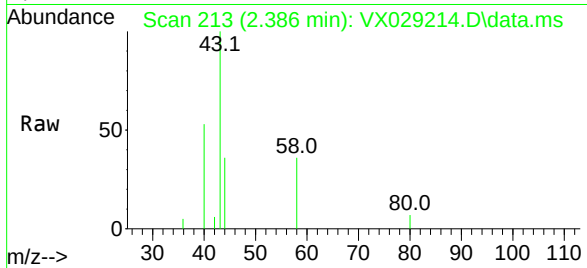




#16
Acetone
Concen: 1.577 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

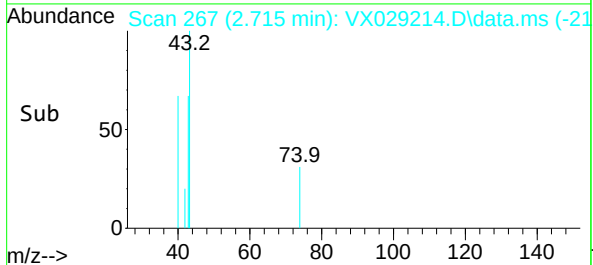
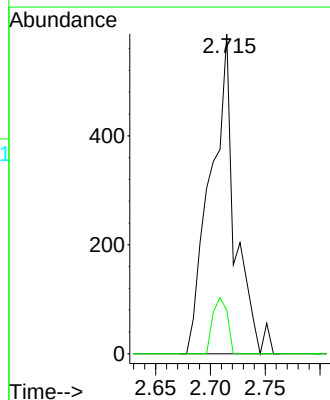
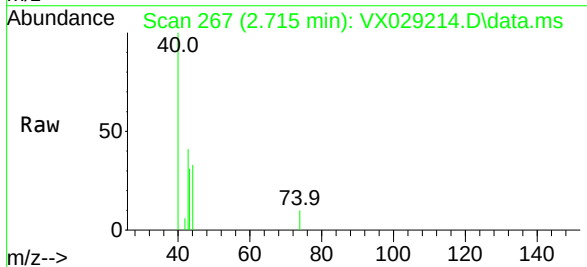
Instrument :
MSVOA_X
ClientSampleId :
63BR-20220531

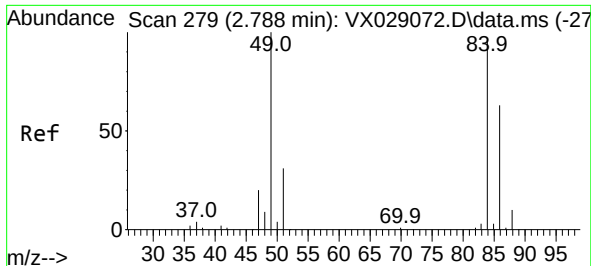
Tgt Ion: 43 Resp: 2199
Ion Ratio Lower Upper
43 100
58 35.7 28.8 43.2



#18
Methyl Acetate
Concen: 0.254 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

Tgt Ion: 43 Resp: 916
Ion Ratio Lower Upper
43 100
74 10.4 22.8 34.2#

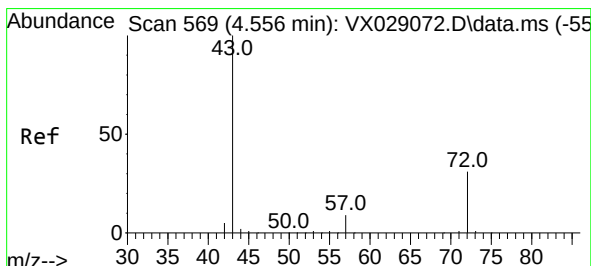
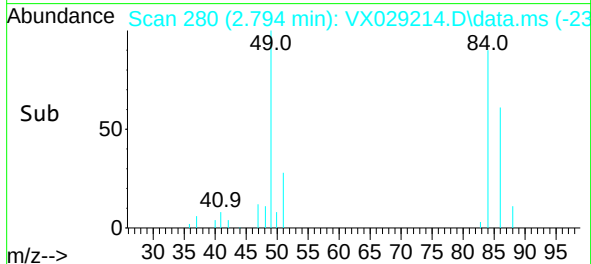
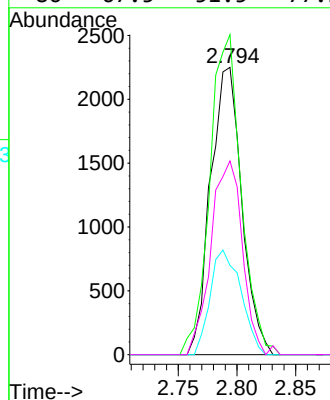
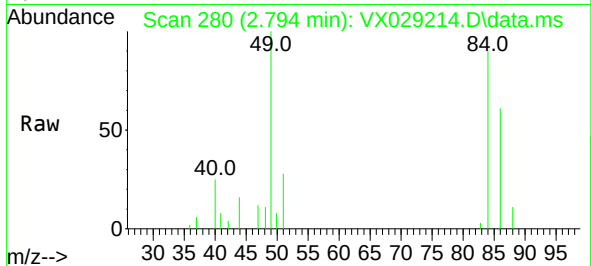




#20
Methylene Chloride
Concen: 1.280 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

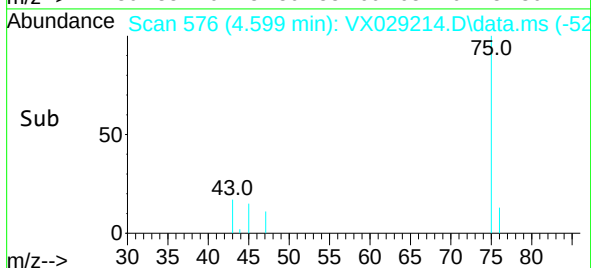
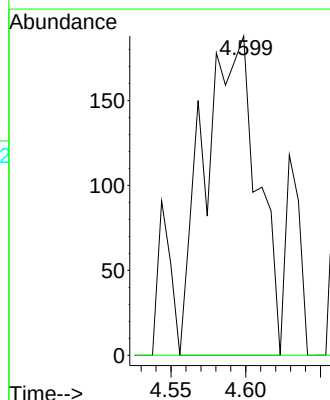
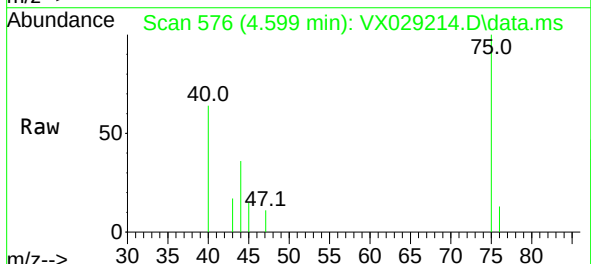
Instrument :
MSVOA_X
ClientSampleId :
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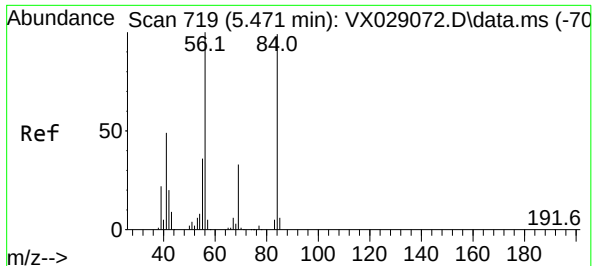
Tgt Ion: 84	Resp: 4163
Ion Ratio	Lower Upper
84 100	
49 111.4	85.5 128.3
51 31.1	26.6 39.8
86 67.5	51.5 77.3



#25
2-Butanone
Concen: 0.208 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.043 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

Tgt Ion: 43	Resp: 469		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	24.4	36.6#	

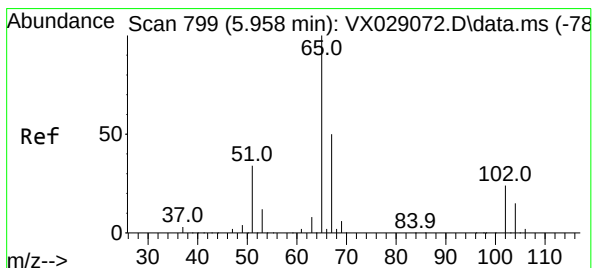
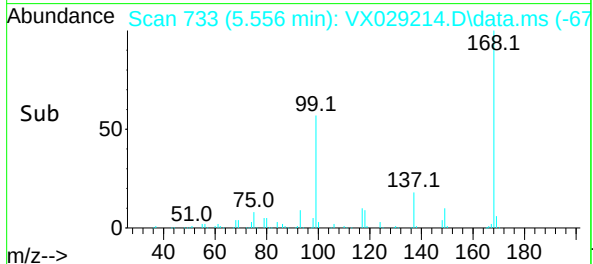
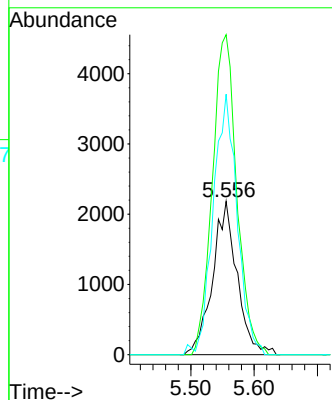
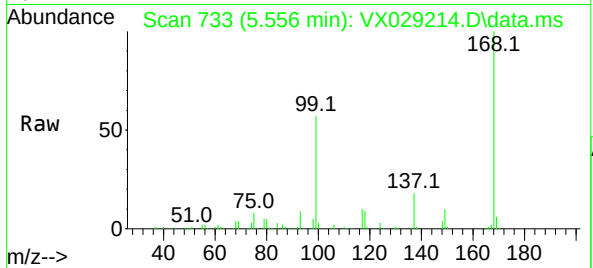




#31
Cyclohexane
Concen: 1.278 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

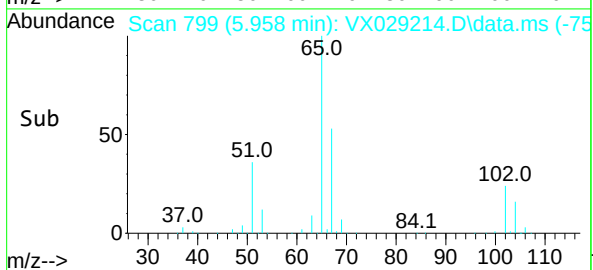
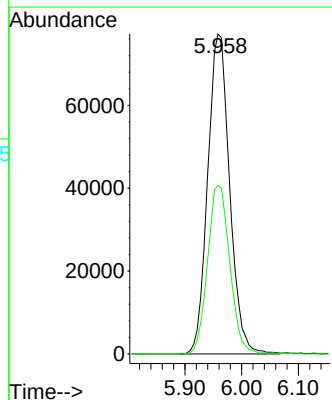
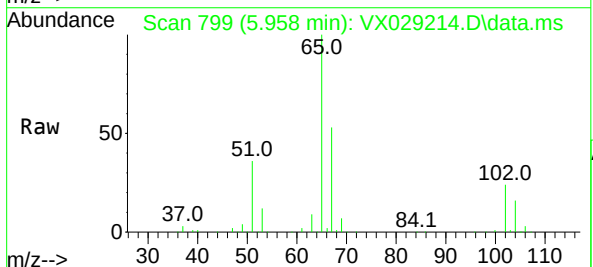
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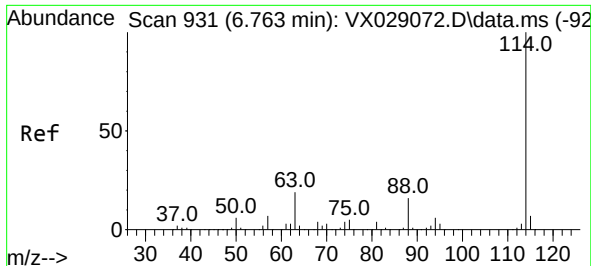
Tgt Ion: 56 Resp: 5883
Ion Ratio Lower Upper
56 100
69 208.8 26.7 40.1#
84 170.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 58.521 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

Tgt Ion: 65 Resp: 207241
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.4

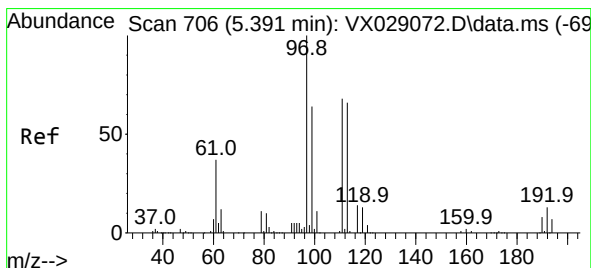
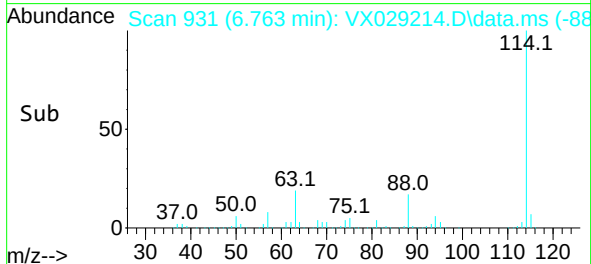
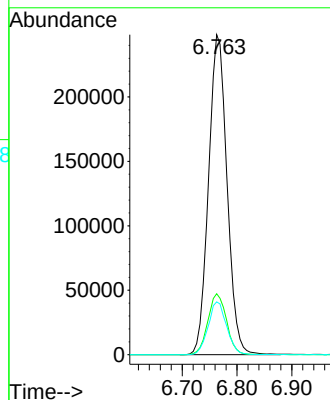
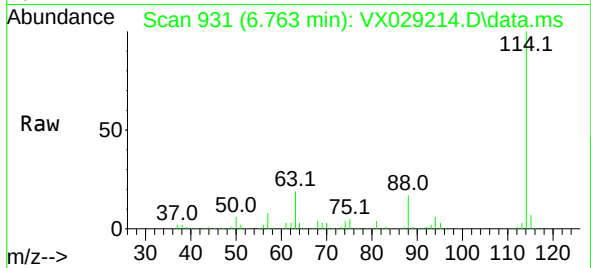




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

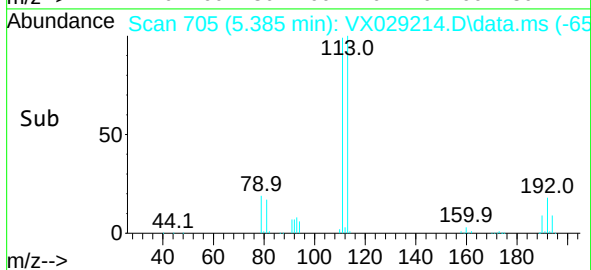
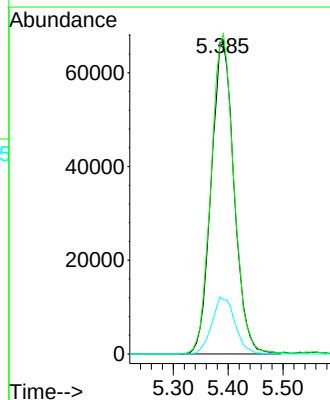
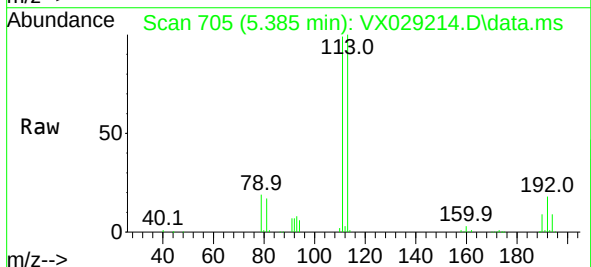
Instrument :
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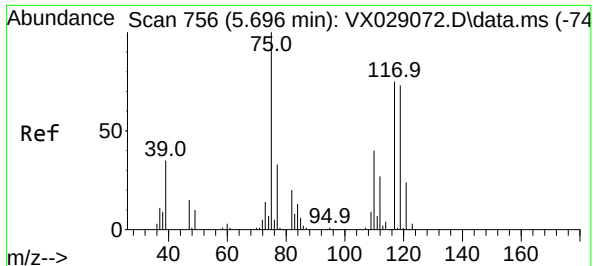
Tgt Ion:114 Resp: 581040
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.126 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

Tgt Ion:113 Resp: 193455
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.884 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX029214.D

Acq: 04 Jun 2022 00:57

Instrument :

MSVOA_X

ClientSampleId :

63BR-20220531

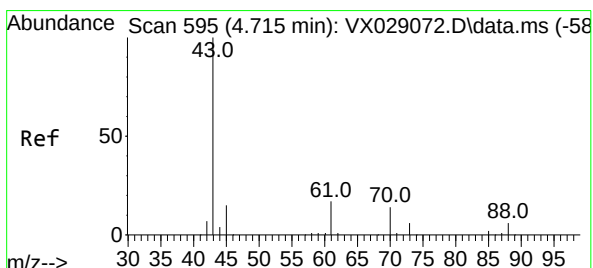
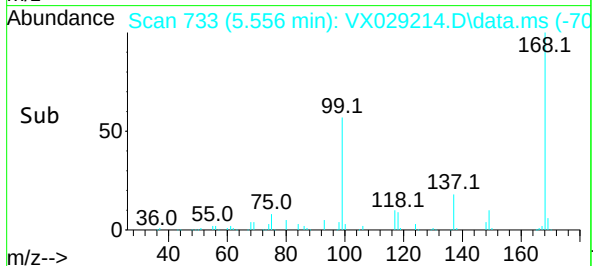
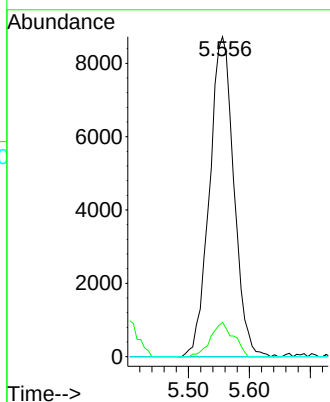
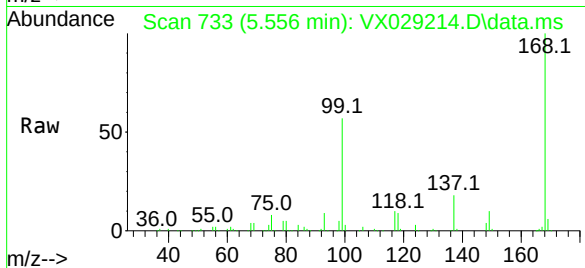
Tgt Ion: 75 Resp: 24253

Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 2.625 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX029214.D

Acq: 04 Jun 2022 00:57

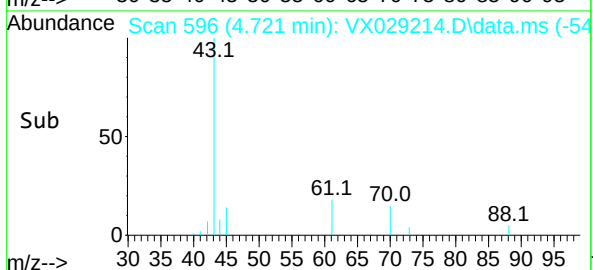
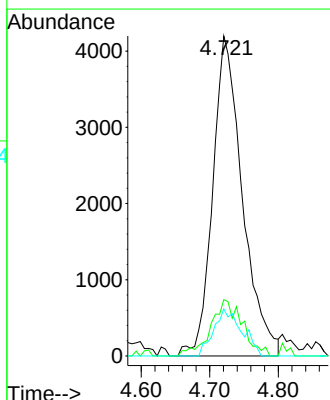
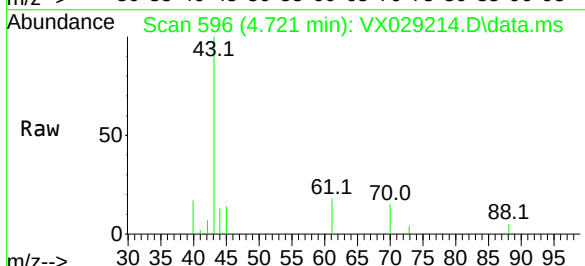
Tgt Ion: 43 Resp: 12635

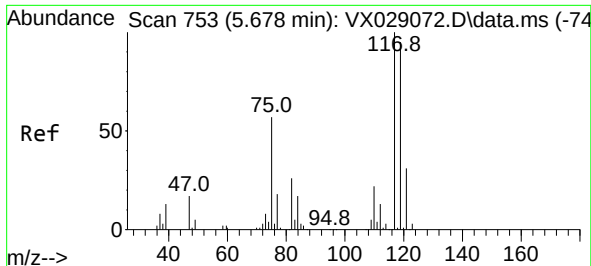
Ion Ratio Lower Upper

43 100

61 18.8 12.6 19.0

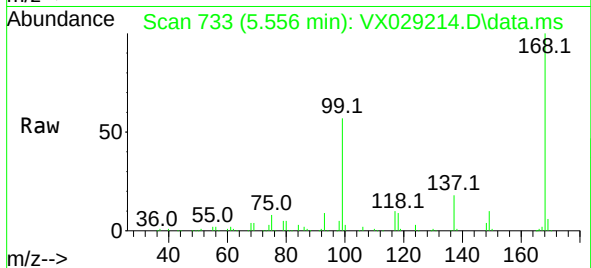
70 13.8 10.2 15.2



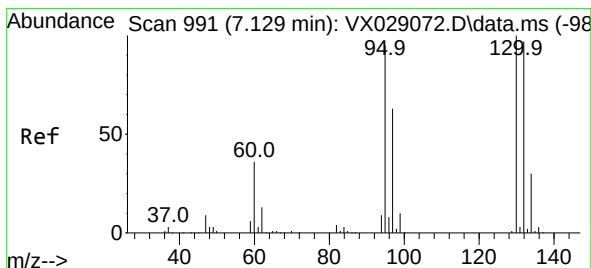
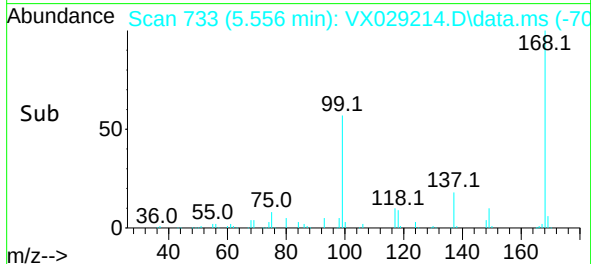
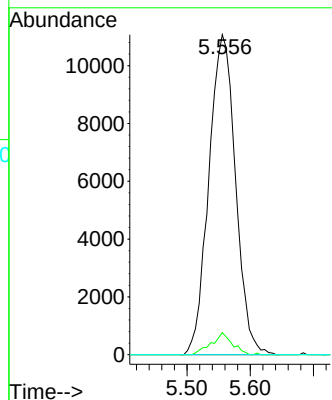


#38
Carbon Tetrachloride
Concen: 5.715 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

Instrument :
MSVOA_X
ClientSampleId :
63BR-20220531

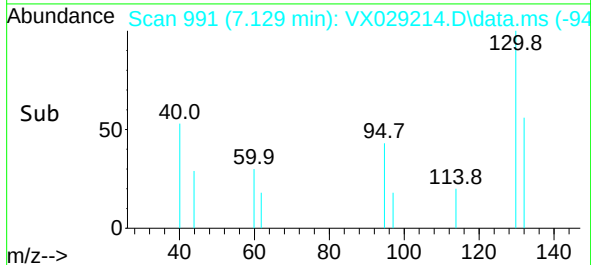
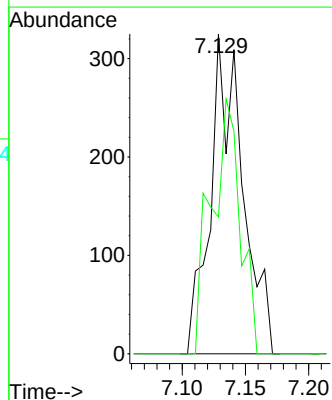
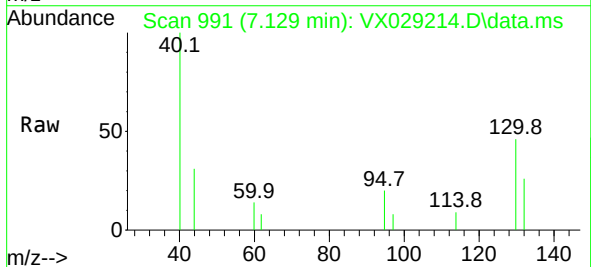


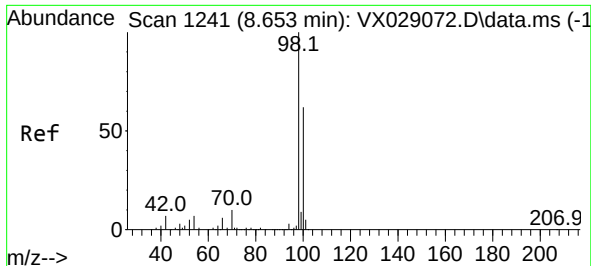
Tgt Ion:117 Resp: 32436
Ion Ratio Lower Upper
117 100
119 6.9 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

Tgt Ion:130 Resp: 576
Ion Ratio Lower Upper
130 100
95 42.8 0.0 188.8

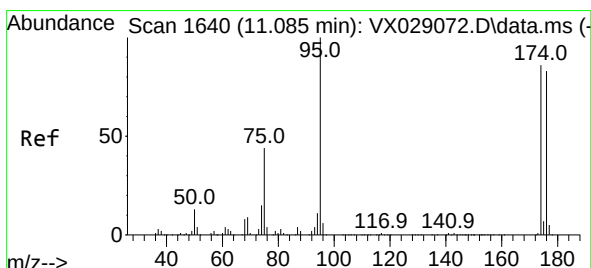
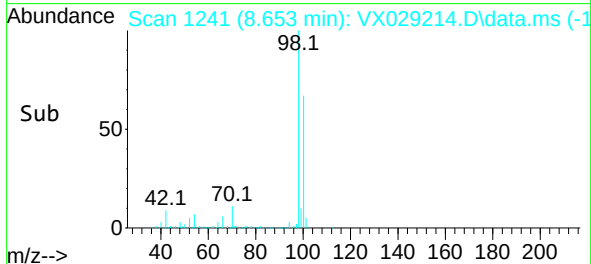
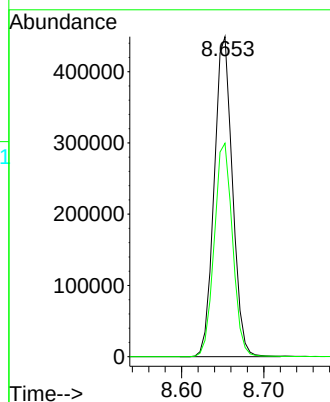
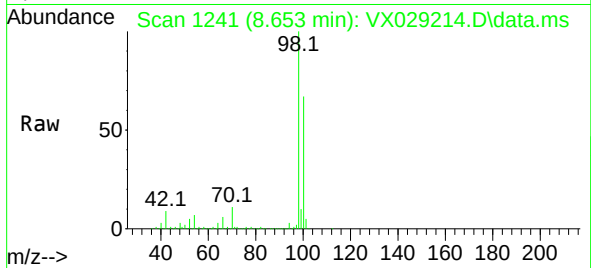




#50
Toluene-d8
Concen: 48.990 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

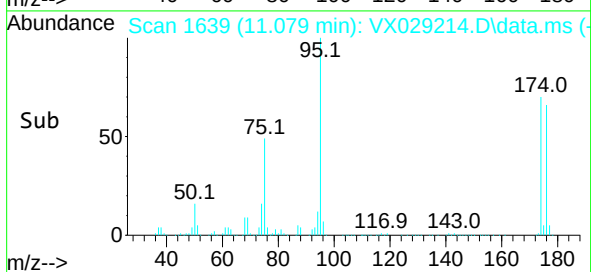
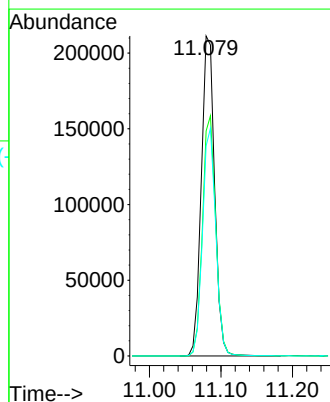
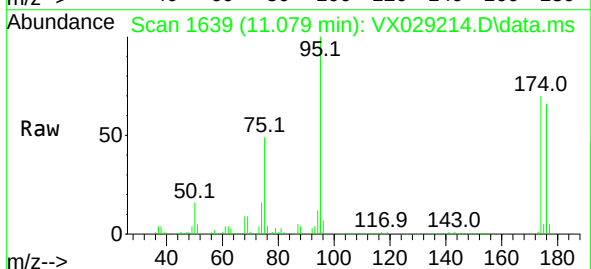
Instrument :
MSVOA_X
ClientSampleId :
63BR-20220531

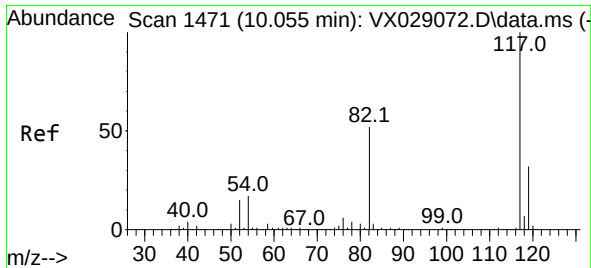
Tgt Ion: 98 Resp: 691508
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.132 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

Tgt Ion: 95 Resp: 273537
Ion Ratio Lower Upper
95 100
174 74.5 0.0 163.0
176 70.7 0.0 155.0

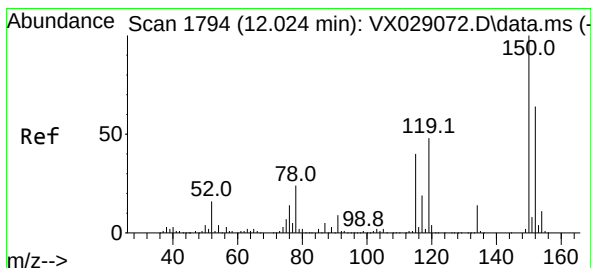
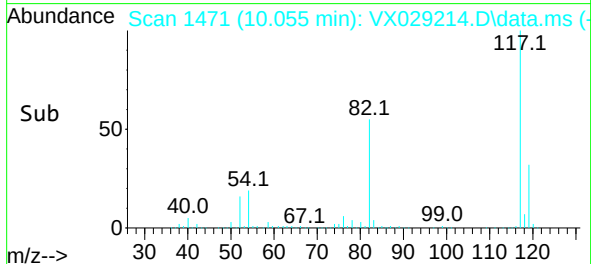
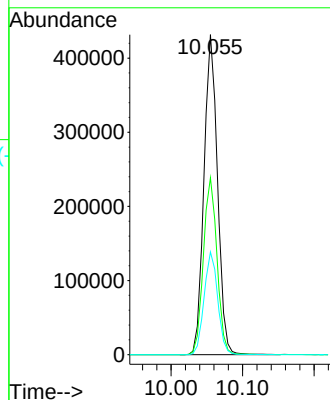
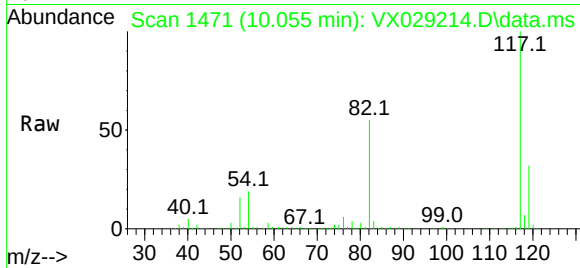




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

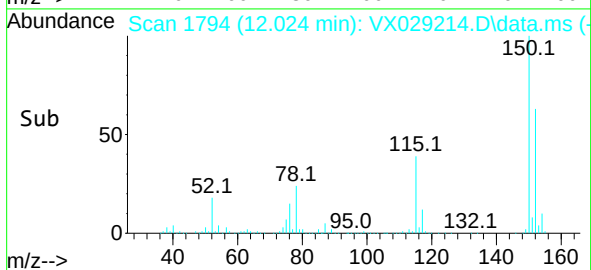
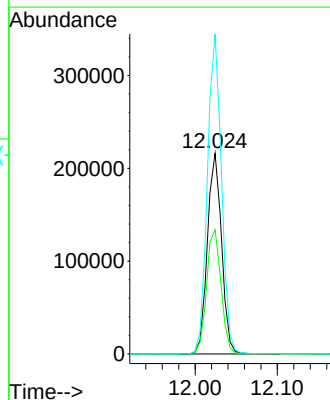
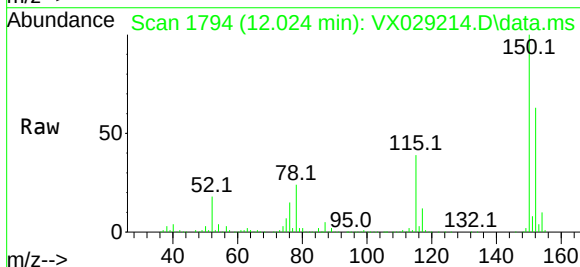
Instrument :
MSVOA_X
ClientSampleId :
63BR-20220531

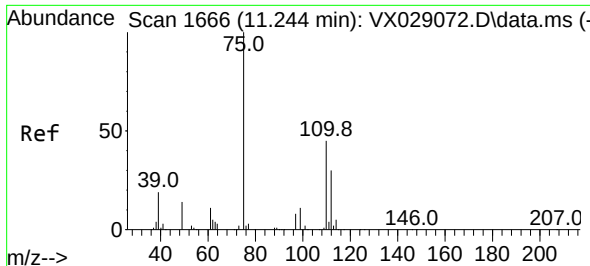
Tgt Ion:117 Resp: 568245
Ion Ratio Lower Upper
117 100
82 55.3 41.8 62.8
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

Tgt Ion:152 Resp: 259492
Ion Ratio Lower Upper
152 100
115 63.2 37.5 112.7
150 158.4 0.0 338.2

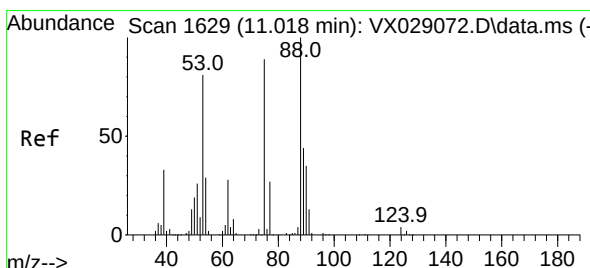
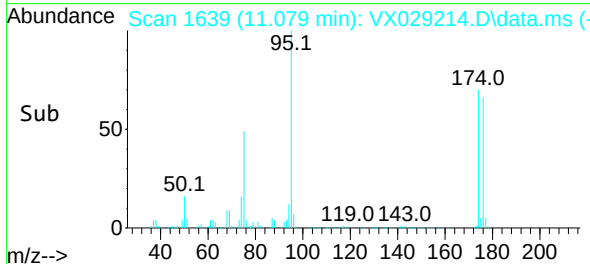
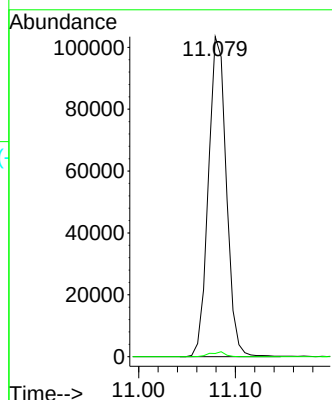
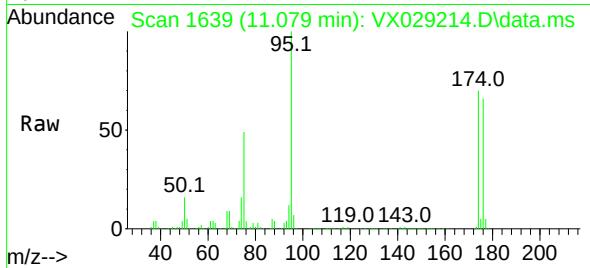




#76
1,2,3-Trichloropropane
Concen: 25.402 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

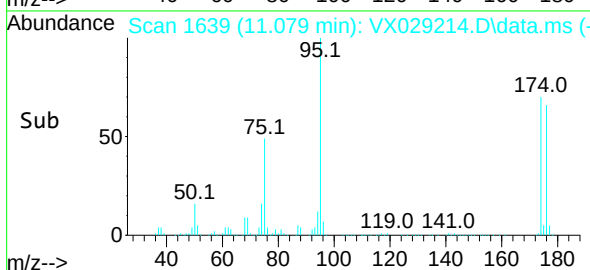
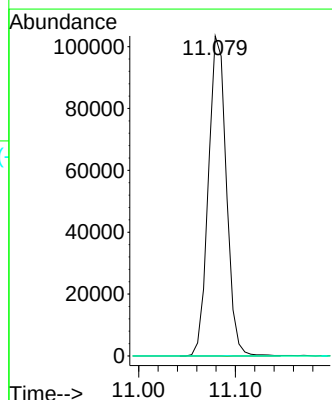
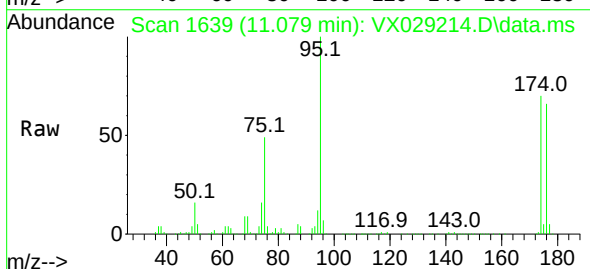
Instrument :
MSVOA_X
ClientSampleId :
63BR-20220531

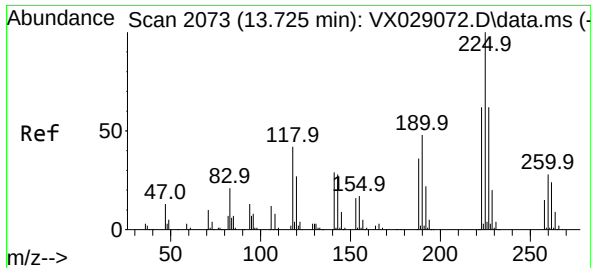
Tgt Ion: 75 Resp: 133623
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.524 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029214.D
Acq: 04 Jun 2022 00:57

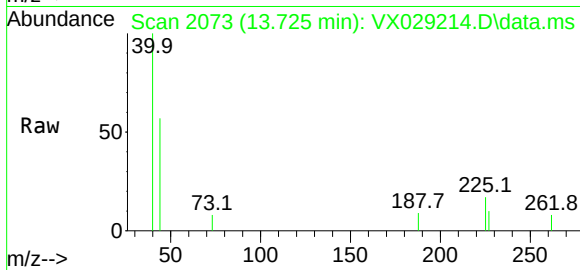
Tgt Ion: 75 Resp: 133623
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX029214.D
 Acq: 04 Jun 2022 00:57

Instrument :
 MSVOA_X
 ClientSampleId :
 63BR-20220531



Tgt Ion:225 Resp: 68
 Ion Ratio Lower Upper
 225 100
 223 0.0 34.2 102.5#
 227 33.8 33.9 101.7#

