

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029216.D
 Acq On : 04 Jun 2022 01:43
 Operator : JC/MD
 Sample : N3165-12 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 65BR-20220531

Quant Time: Jun 06 02:39:46 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

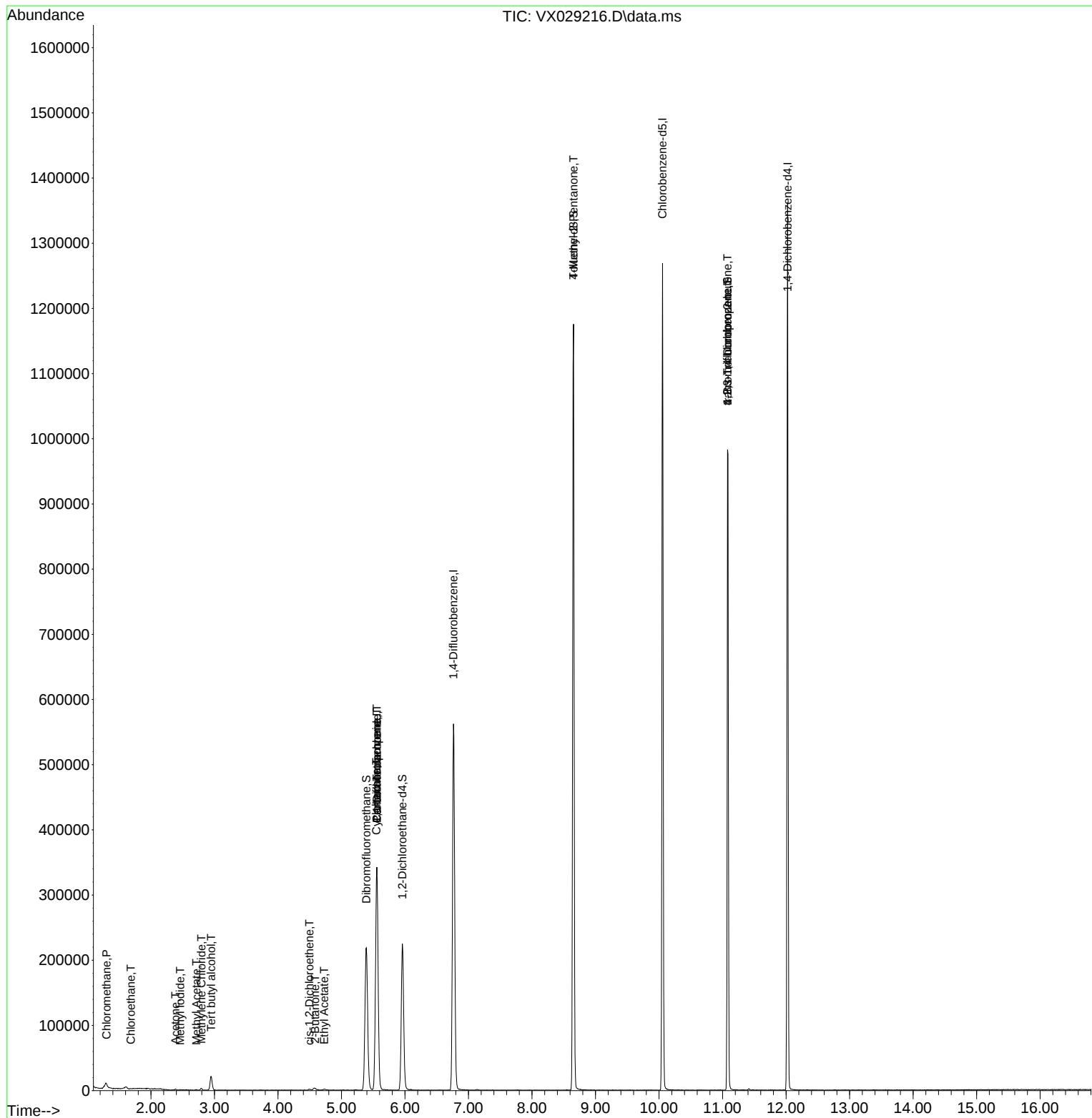
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	322977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	605369	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	584034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	274314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	214717	58.955	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	117.920%
35) Dibromofluoromethane	5.391	113	199254	49.553	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.100%
50) Toluene-d8	8.653	98	715905	48.680	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.360%
62) 4-Bromofluorobenzene	11.079	95	283295	49.834	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.660%
Target Compounds						Qvalue
3) Chloromethane	1.300	50	806	0.274	ug/l	# 71
5) Bromomethane	1.611	94	882	Below Cal		99
6) Chloroethane	1.684	64	298	1.507	ug/l	# 43
10) Methyl Iodide	2.459	142	589	4.375	ug/l	# 92
11) Tert butyl alcohol	2.946	59	11642	13.799	ug/l	# 73
16) Acetone	2.386	43	1236	0.862	ug/l	96
18) Methyl Acetate	2.715	43	834	0.225	ug/l	# 73
20) Methylene Chloride	2.794	84	1384	0.414	ug/l	# 91
25) 2-Butanone	4.586	43	463	0.200	ug/l	# 44
27) cis-1,2-Dichloroethene	4.495	96	940	0.240	ug/l	82
31) Cyclohexane	5.550	56	5845	1.234	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	24443	4.724	ug/l	# 50
37) Ethyl Acetate	4.727	43	3090	0.616	ug/l	# 92
38) Carbon Tetrachloride	5.556	117	34990	5.918	ug/l	# 15
44) Trichloroethene	7.141	130	338	Below Cal		94
51) 4-Methyl-2-Pentanone	8.653	43	2690	0.516	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	137799	24.780	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	137799	72.701	ug/l	# 15

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

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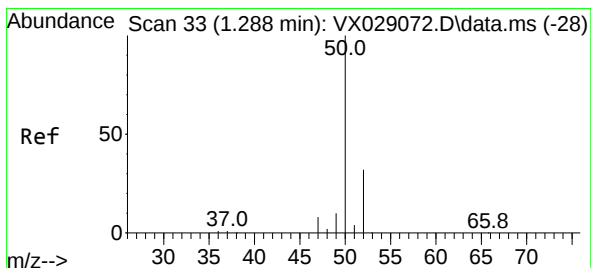
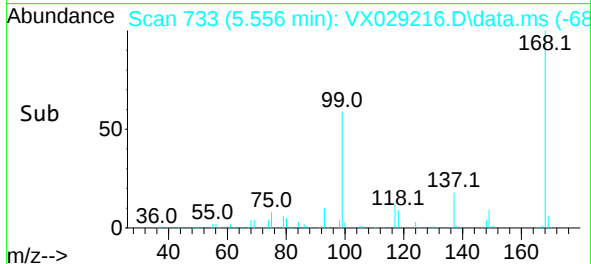
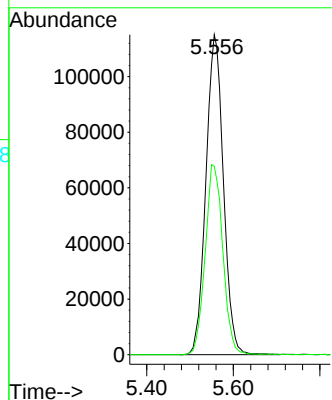
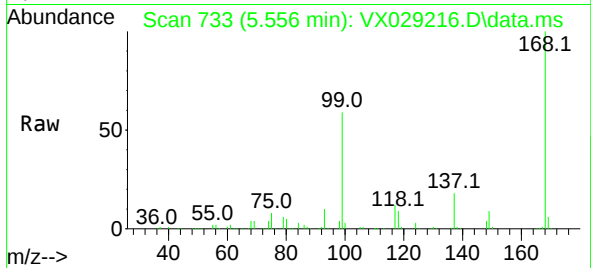




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

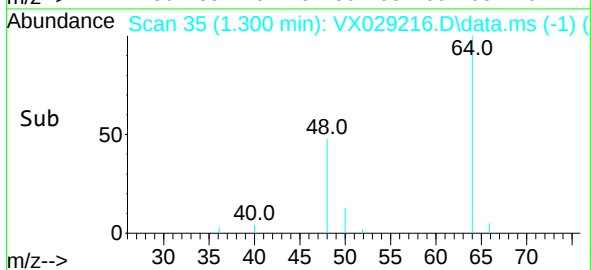
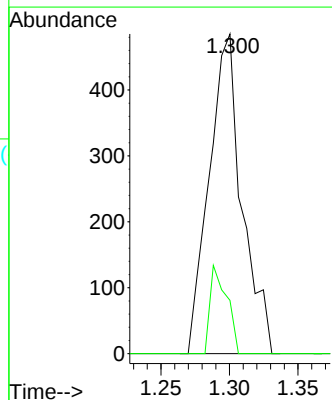
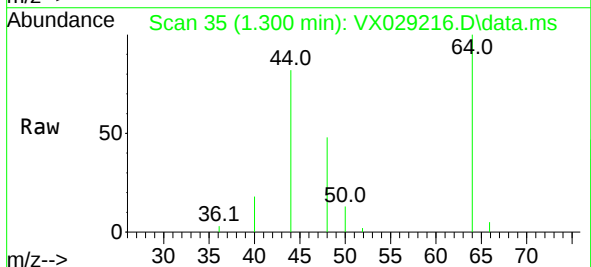
Instrument :
MSVOA_X
ClientSampleId :
65BR-20220531

Tgt Ion:168 Resp: 322977
Ion Ratio Lower Upper
168 100
99 58.9 41.7 62.5



#3
Chloromethane
Concen: 0.274 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.012 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

Tgt Ion: 50 Resp: 806
Ion Ratio Lower Upper
50 100
52 16.7 26.4 39.6

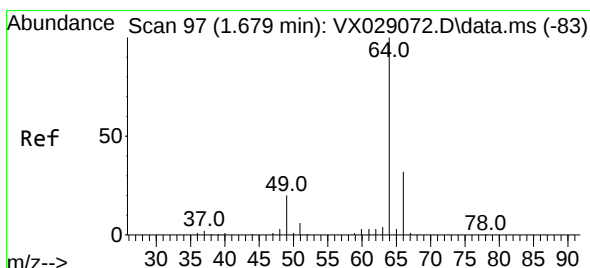
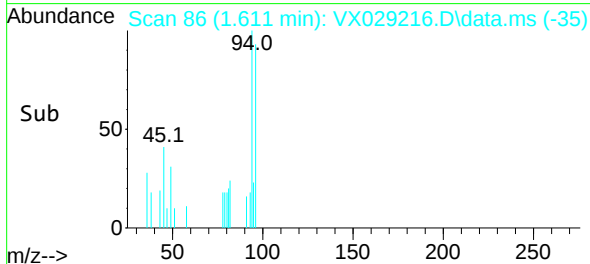
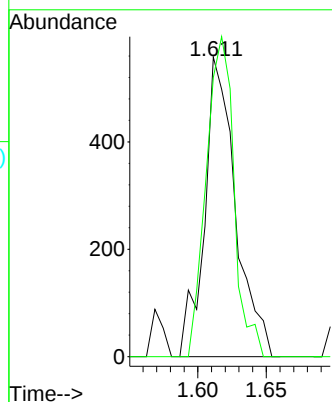
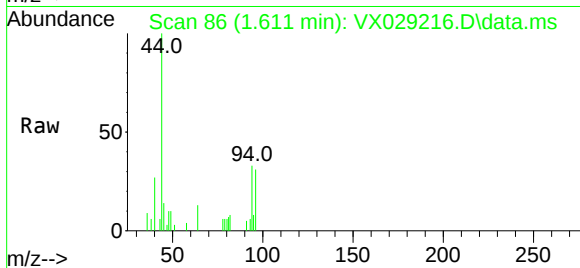




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

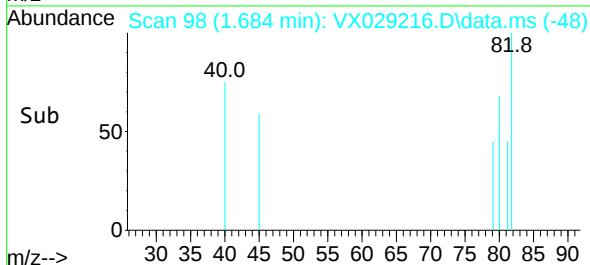
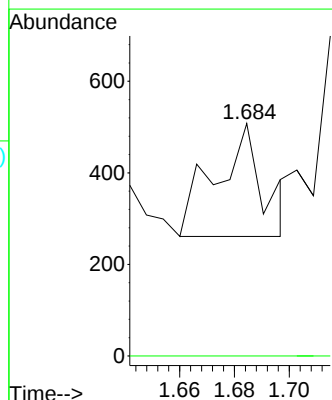
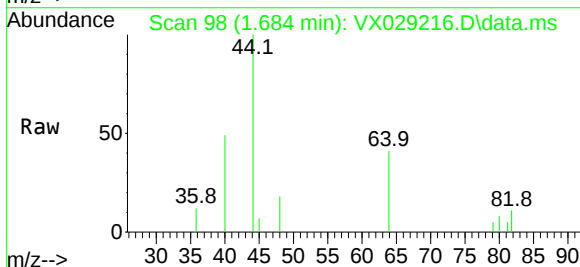
Instrument :
MSVOA_X
ClientSampleId :
65BR-20220531

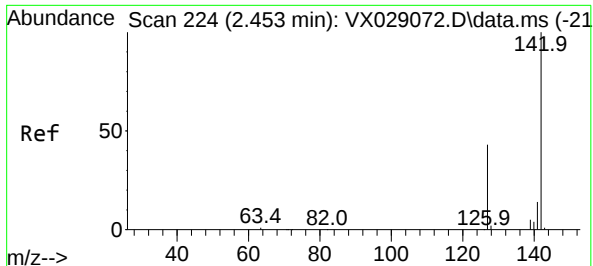
Tgt Ion: 94 Resp: 882
Ion Ratio Lower Upper
94 100
96 93.2 75.3 112.9



#6
Chloroethane
Concen: 1.507 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

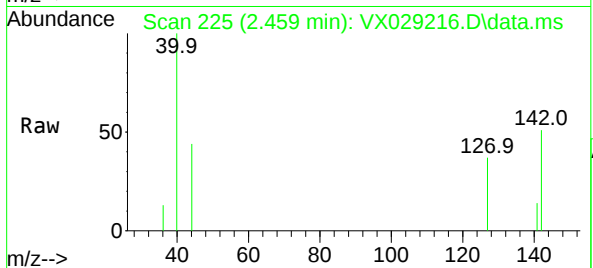
Tgt Ion: 64 Resp: 298
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



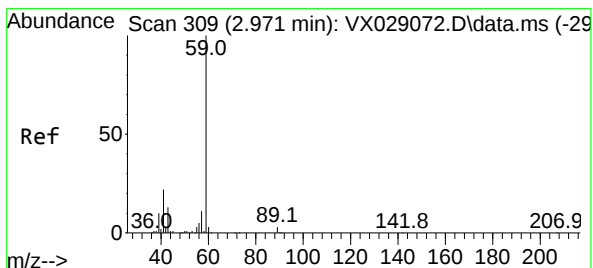
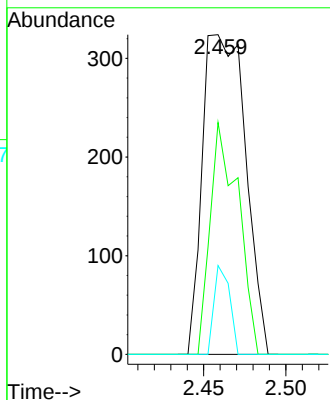
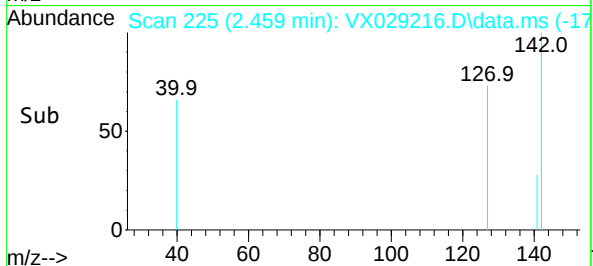


#10
Methyl Iodide
Concen: 4.375 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

Instrument :
MSVOA_X
ClientSampleId :
65BR-20220531

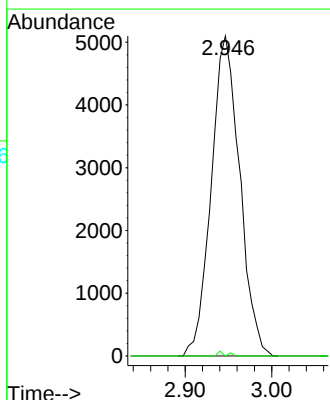
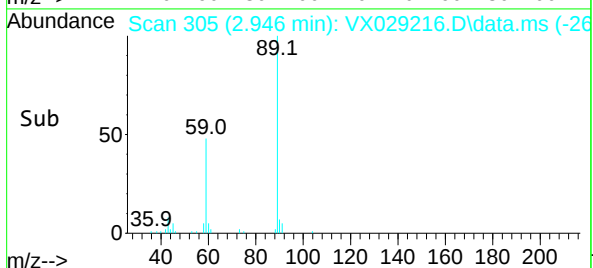
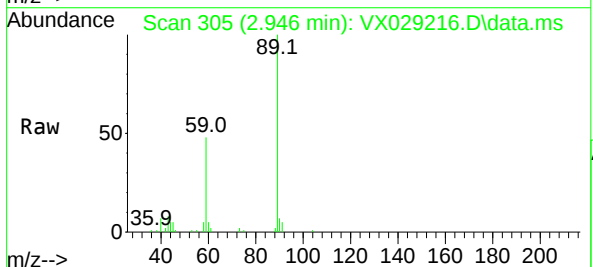


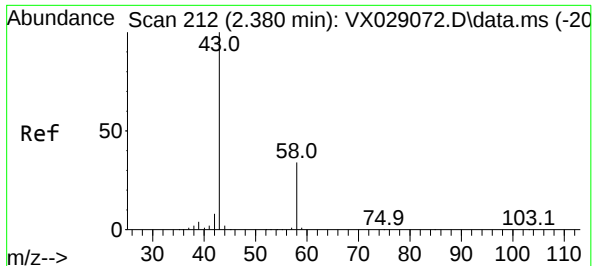
Tgt Ion:142 Resp: 589
Ion Ratio Lower Upper
142 100
127 47.2 33.9 50.9
141 10.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 13.799 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

Tgt Ion: 59 Resp: 11642
Ion Ratio Lower Upper
59 100
57 0.4 8.3 12.5#

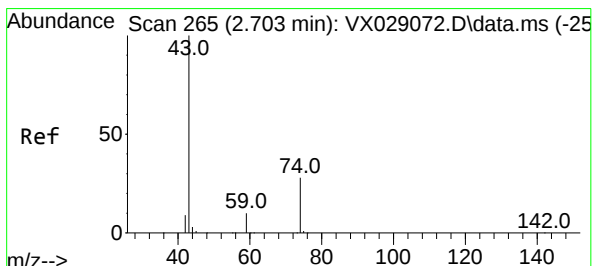
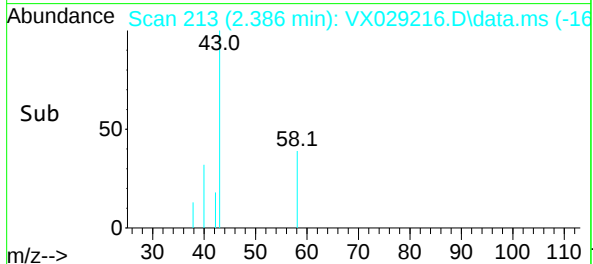
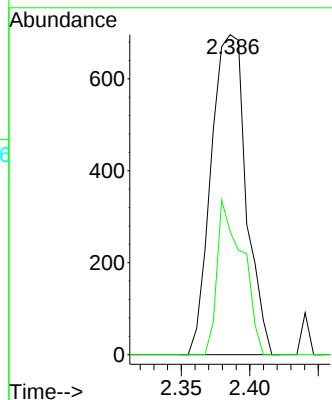
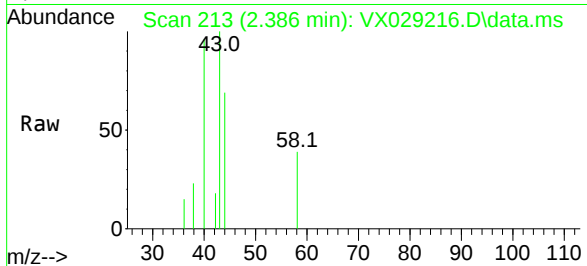




#16
Acetone
Concen: 0.862 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

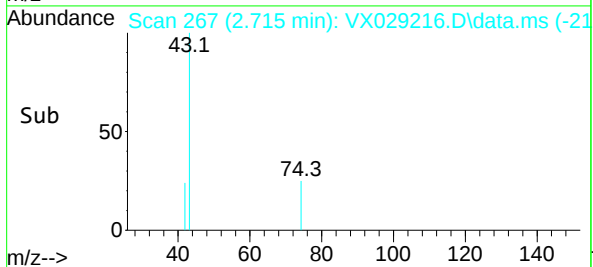
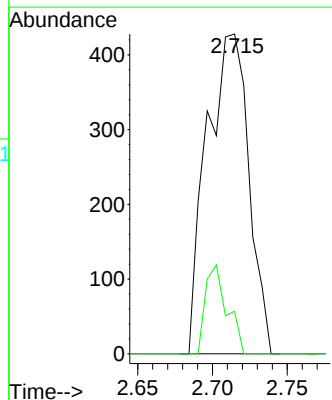
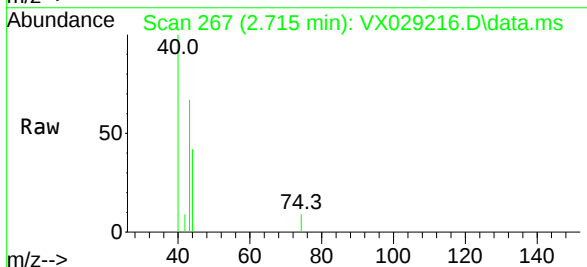
Instrument :
MSVOA_X
ClientSampleId :
65BR-20220531

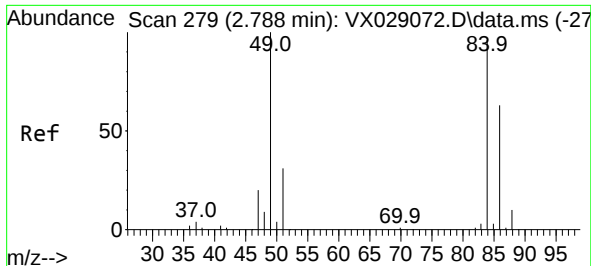
Tgt Ion: 43 Resp: 1236
Ion Ratio Lower Upper
43 100
58 38.5 28.8 43.2



#18
Methyl Acetate
Concen: 0.225 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
74 14.4 22.8 34.2#

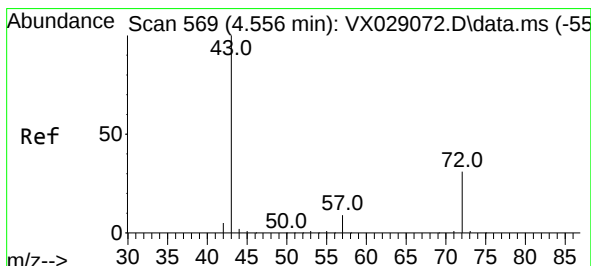
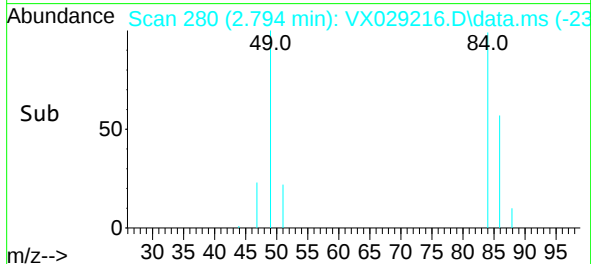
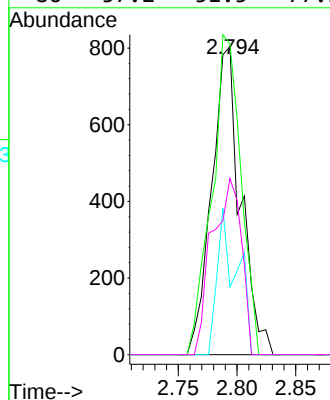
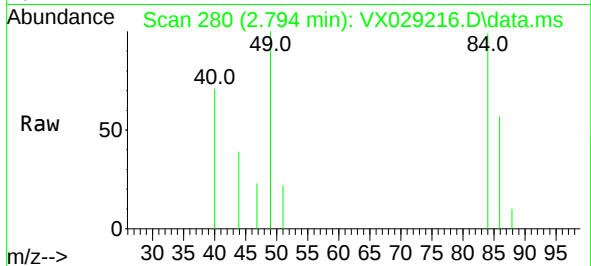




#20
Methylene Chloride
Concen: 0.414 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

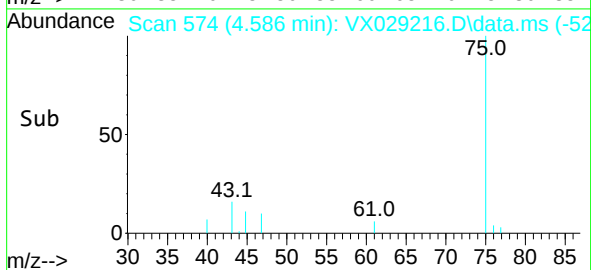
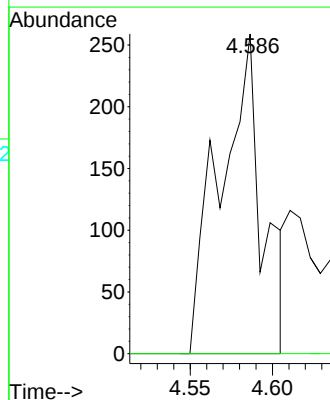
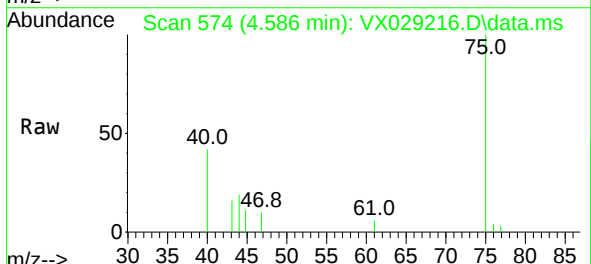
Instrument :
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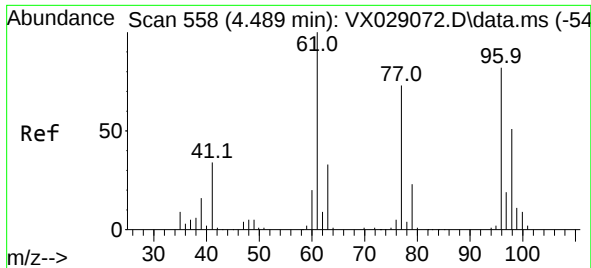
Tgt Ion:	84	Resp:	1384
Ion	Ratio	Lower	Upper
84	100		
49	100.9	85.5	128.3
51	22.0	26.6	39.8#
86	57.2	51.5	77.3



#25
2-Butanone
Concen: 0.200 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

Tgt Ion:	43	Resp:	463
Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.4	36.6#

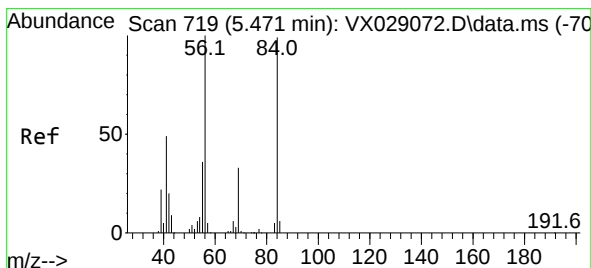
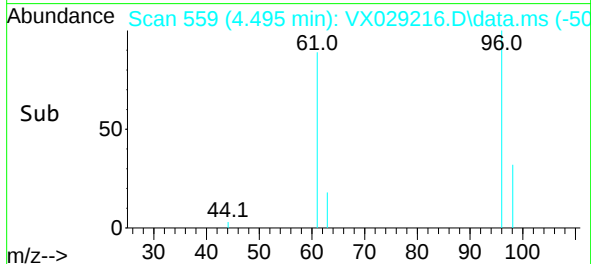
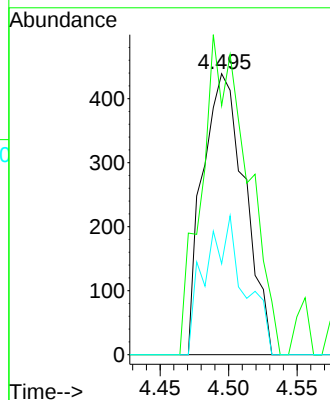
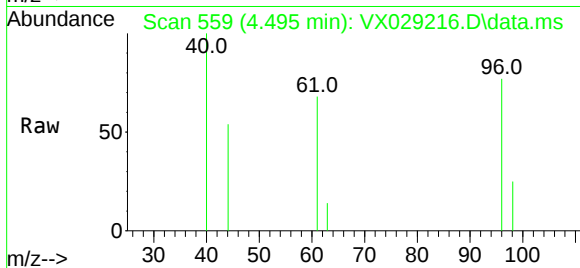




#27
cis-1,2-Dichloroethene
Concen: 0.240 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

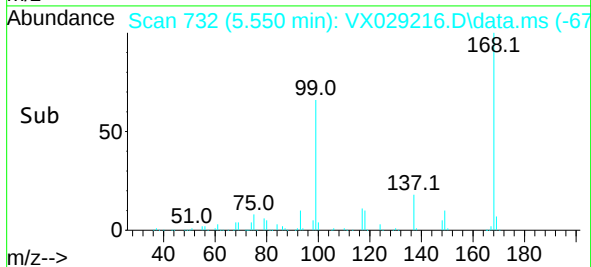
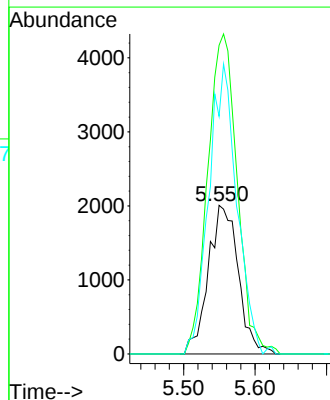
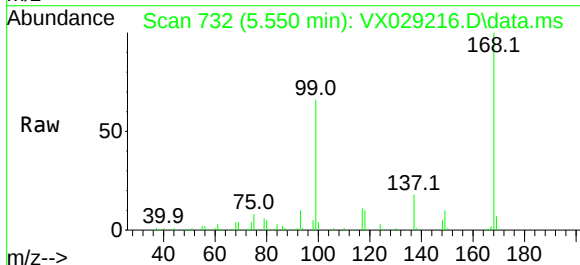
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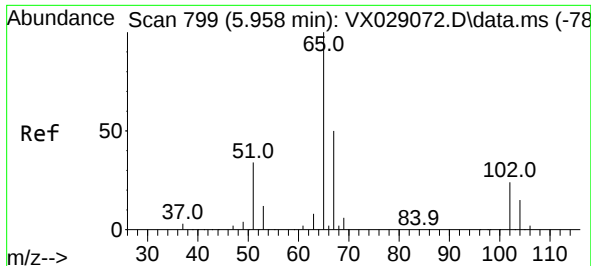
Tgt Ion: 96 Resp: 940
Ion Ratio Lower Upper
96 100
61 123.5 0.0 283.8
98 46.0 0.0 129.8



#31
Cyclohexane
Concen: 1.234 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

Tgt Ion: 56 Resp: 5845
Ion Ratio Lower Upper
56 100
69 207.8 26.7 40.1#
84 159.9 77.2 115.8#

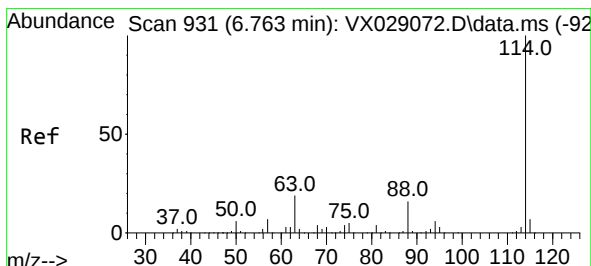
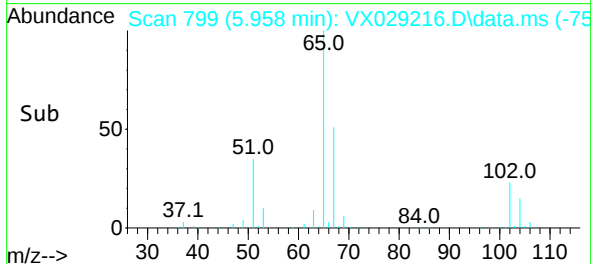
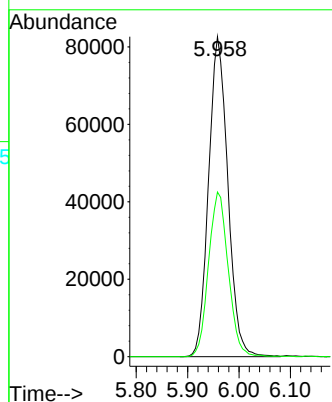
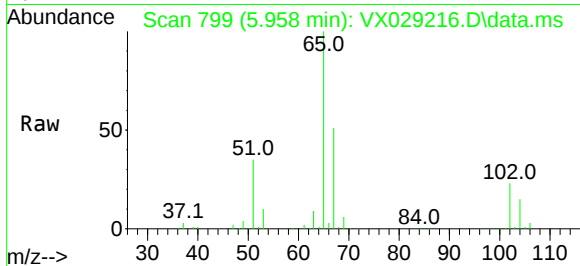




#33
 1,2-Dichloroethane-d4
 Concen: 58.955 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029216.D
 Acq: 04 Jun 2022 01:43

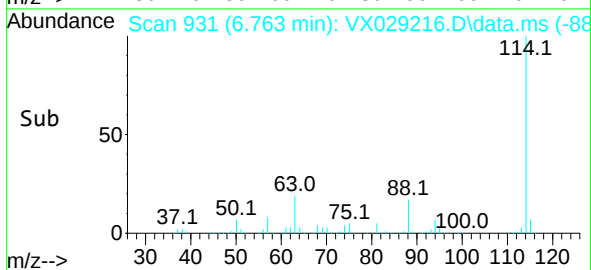
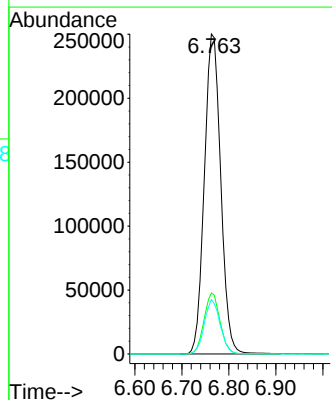
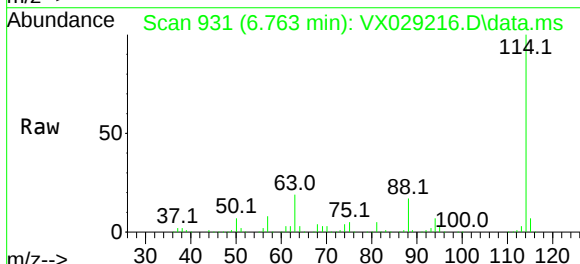
Instrument :
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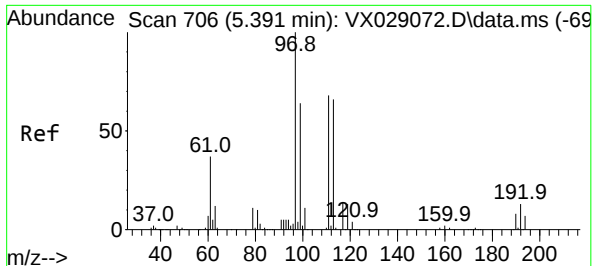
Tgt Ion: 65 Resp: 214717
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX029216.D
 Acq: 04 Jun 2022 01:43

Tgt Ion: 114 Resp: 605369
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.8
 88 17.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.553 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029216.D

Acq: 04 Jun 2022 01:43

Instrument :

MSVOA_X

ClientSampleId :

65BR-20220531

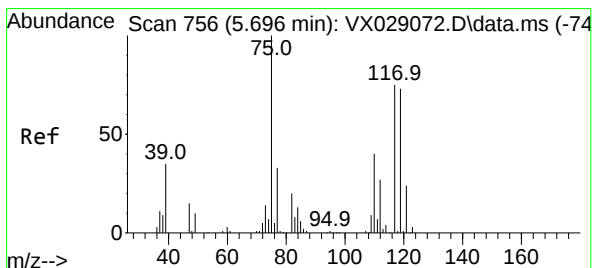
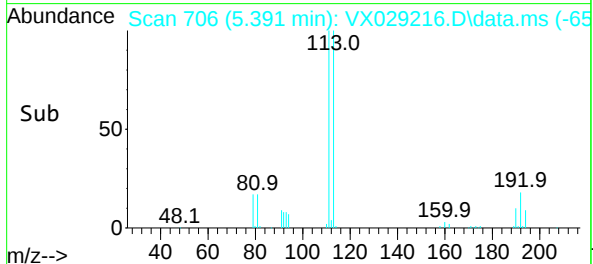
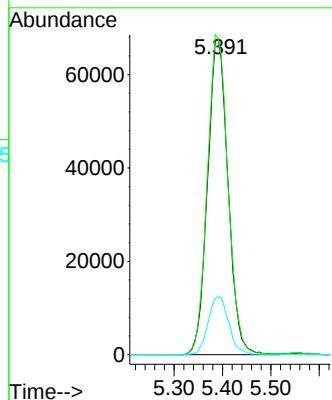
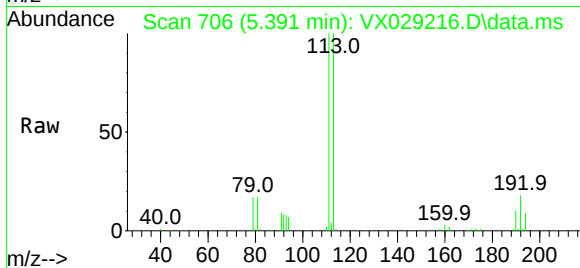
Tgt Ion:113 Resp: 199254

Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

192 18.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.724 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029216.D

Acq: 04 Jun 2022 01:43

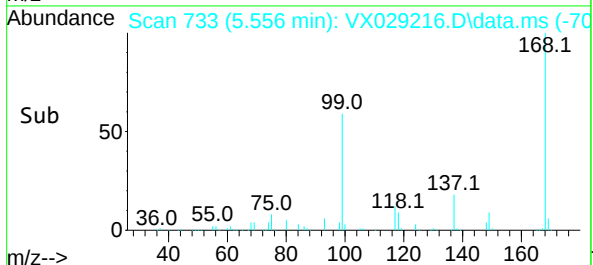
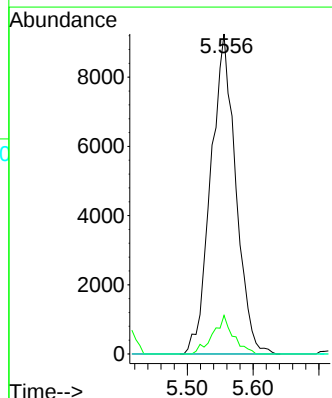
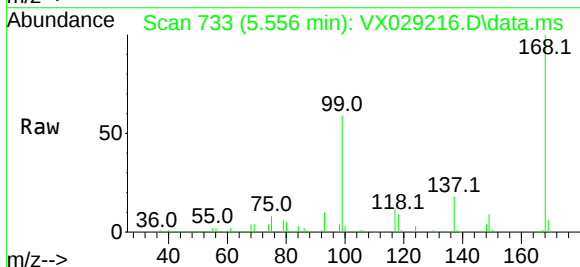
Tgt Ion: 75 Resp: 24443

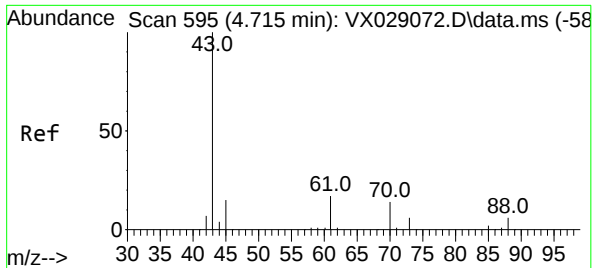
Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

77 0.0 24.8 37.2#

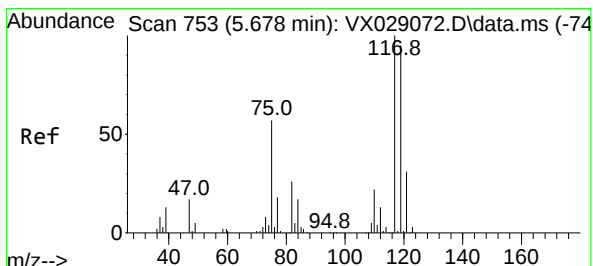
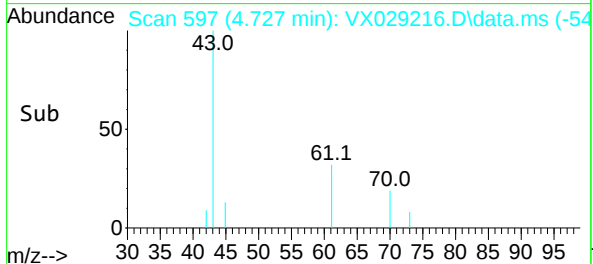
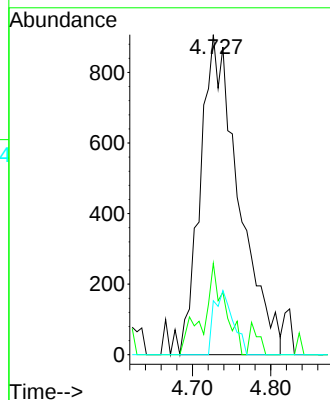
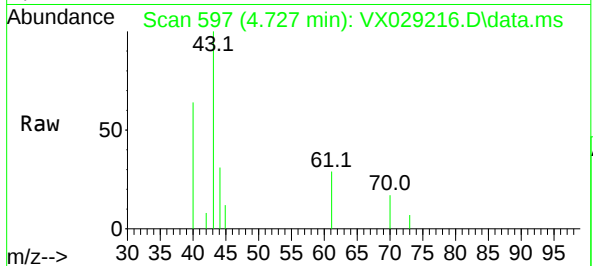




#37
Ethyl Acetate
Concen: 0.616 ug/l
RT: 4.727 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

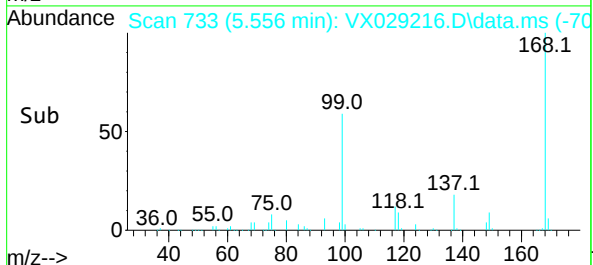
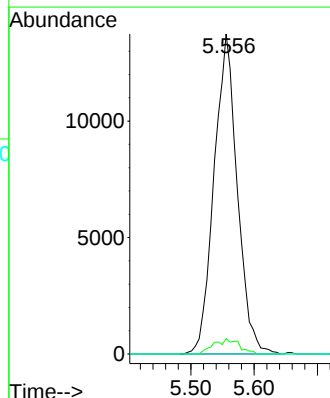
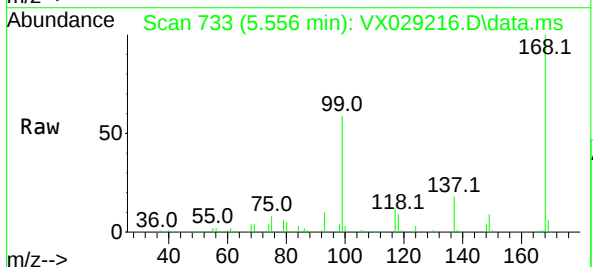
Instrument :
MSVOA_X
ClientSampleId :
65BR-20220531

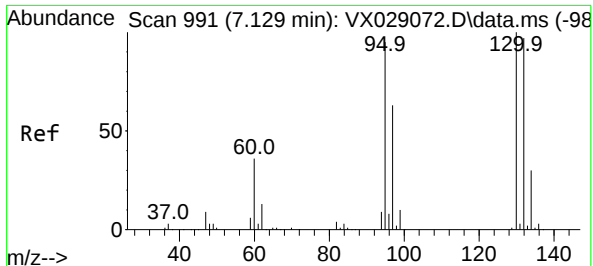
Tgt Ion: 43 Resp: 3090
Ion Ratio Lower Upper
43 100
61 11.8 12.6 19.0#
70 9.9 10.2 15.2#



#38
Carbon Tetrachloride
Concen: 5.918 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

Tgt Ion: 117 Resp: 34990
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#

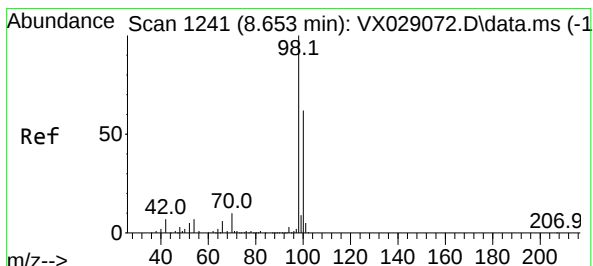
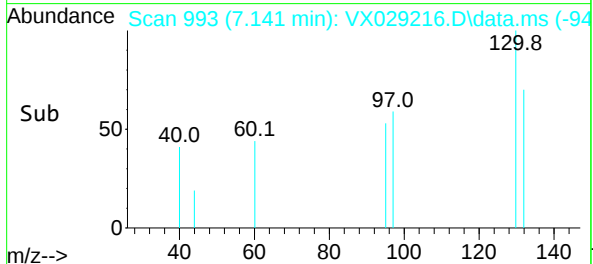
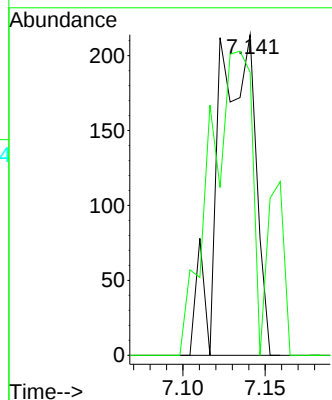
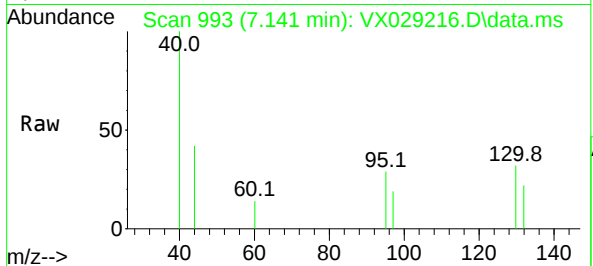




#44
Trichloroethene
Concen: Below Cal
RT: 7.141 min Scan# 94
Delta R.T. 0.012 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

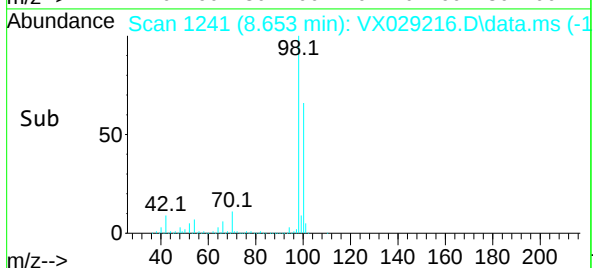
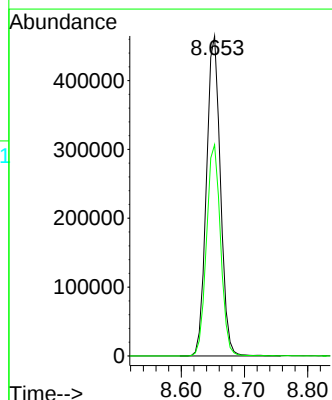
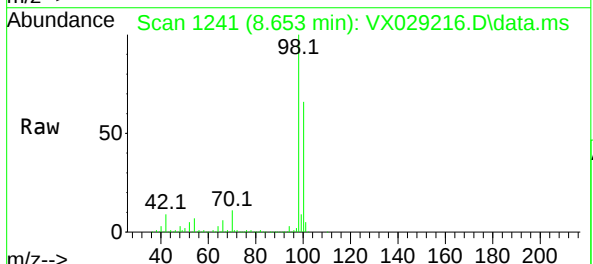
Instrument :
MSVOA_X
ClientSampleId :
65BR-20220531

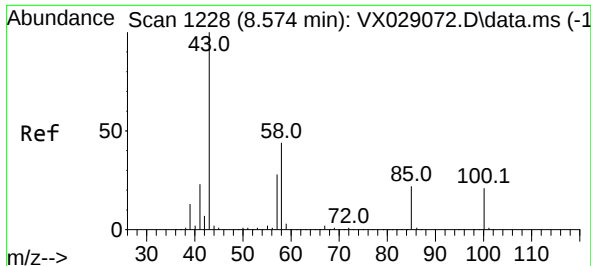
Tgt Ion:130 Resp: 338
Ion Ratio Lower Upper
130 100
95 88.3 0.0 188.8



#50
Toluene-d8
Concen: 48.680 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

Tgt Ion: 98 Resp: 715905
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.516 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX029216.D

Acq: 04 Jun 2022 01:43

Instrument :

MSVOA_X

ClientSampleId :

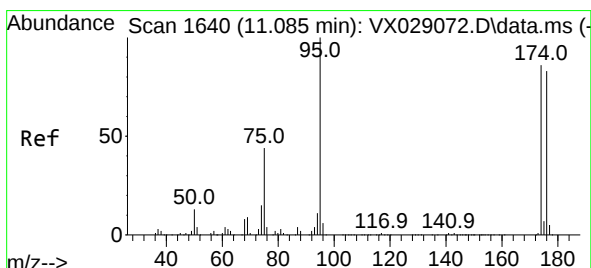
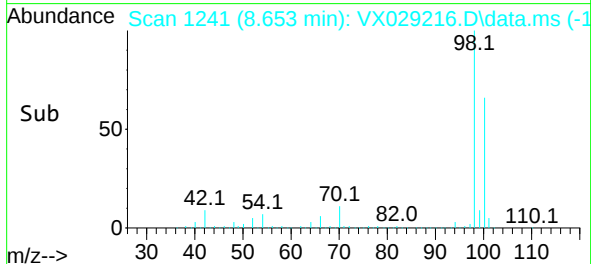
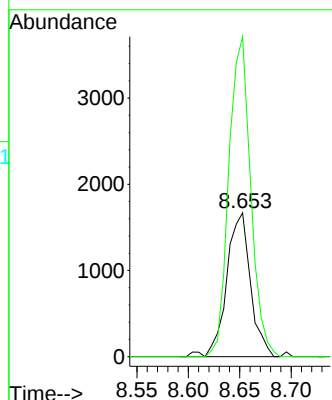
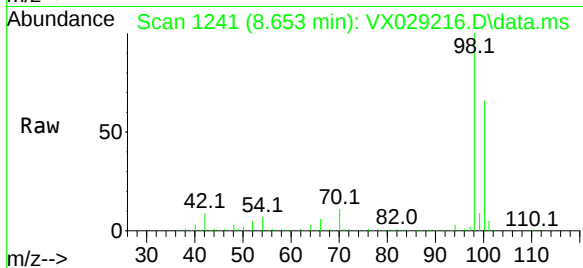
65BR-20220531

Tgt Ion: 43 Resp: 2690

Ion Ratio Lower Upper

43 100

58 204.2 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 49.834 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029216.D

Acq: 04 Jun 2022 01:43

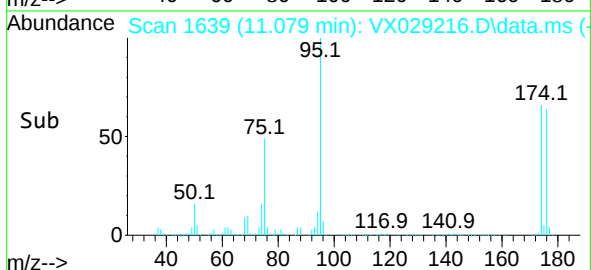
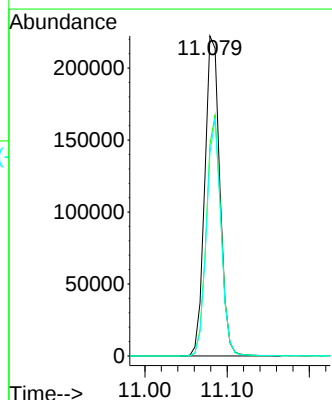
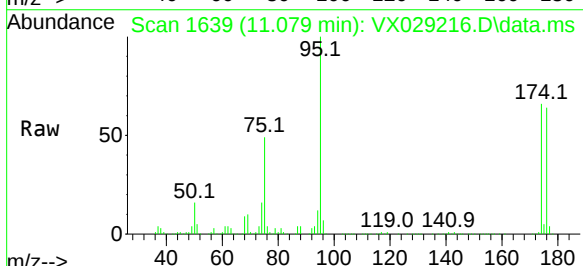
Tgt Ion: 95 Resp: 283295

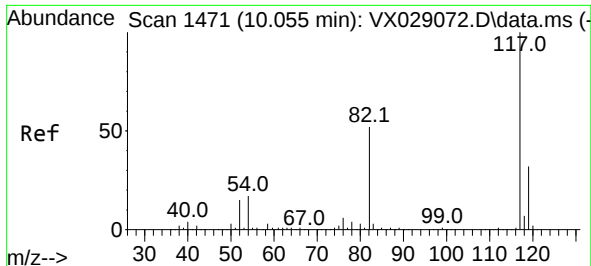
Ion Ratio Lower Upper

95 100

174 73.0 0.0 163.0

176 71.1 0.0 155.0

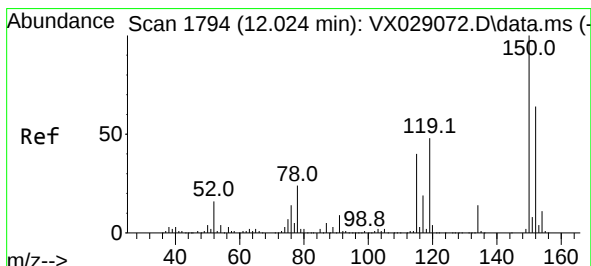
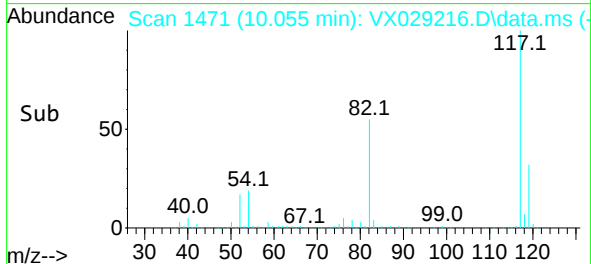
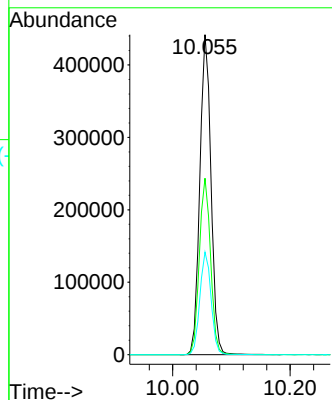
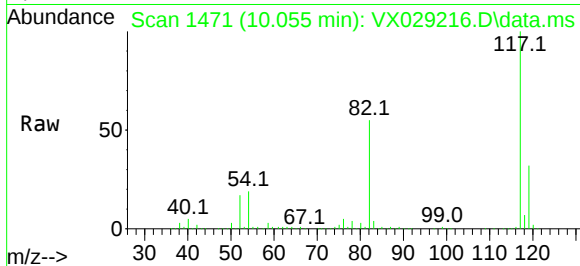




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

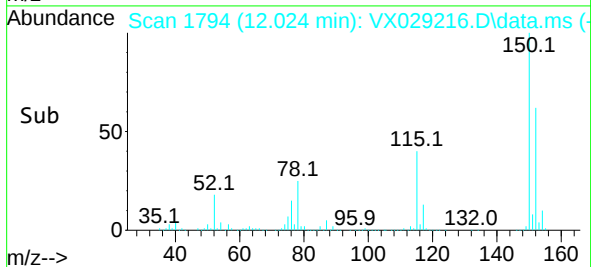
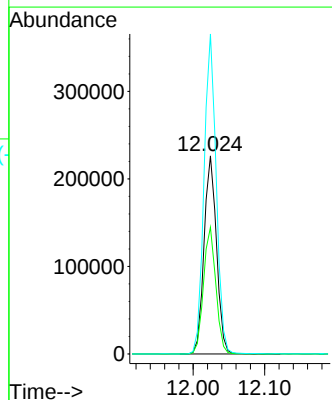
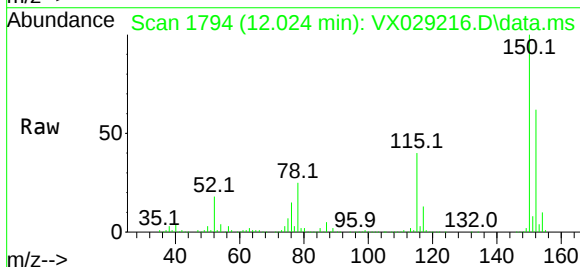
Instrument :
MSVOA_X
ClientSampleId :
65BR-20220531

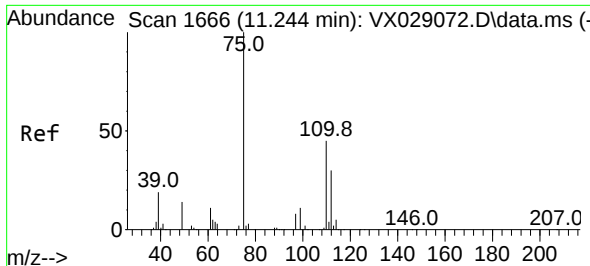
Tgt Ion:117 Resp: 584034
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.8
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

Tgt Ion:152 Resp: 274314
Ion Ratio Lower Upper
152 100
115 63.3 37.5 112.7
150 158.2 0.0 338.2

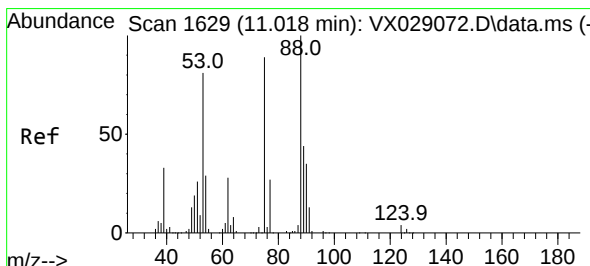
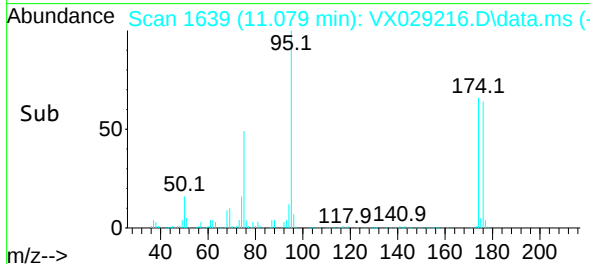
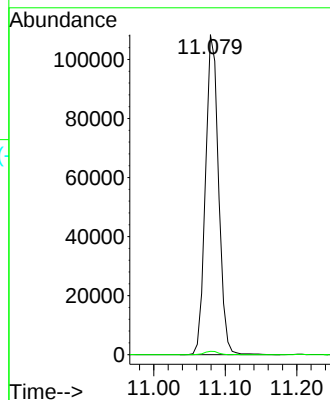
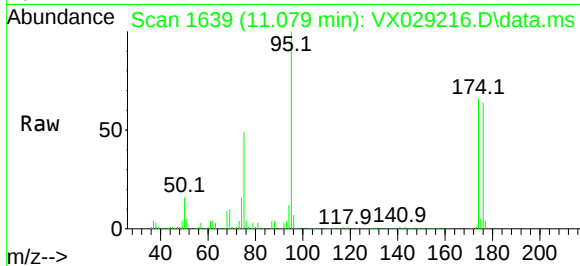




#76
1,2,3-Trichloropropane
Concen: 24.780 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

Instrument :
MSVOA_X
ClientSampleId :
65BR-20220531

Tgt Ion: 75 Resp: 137799
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.701 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029216.D
Acq: 04 Jun 2022 01:43

Tgt Ion: 75 Resp: 137799
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

