

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029213.D
 Acq On : 04 Jun 2022 00:34
 Operator : JC/MD
 Sample : N3165-09 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 60BR-20220531

Quant Time: Jun 06 02:39:19 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)

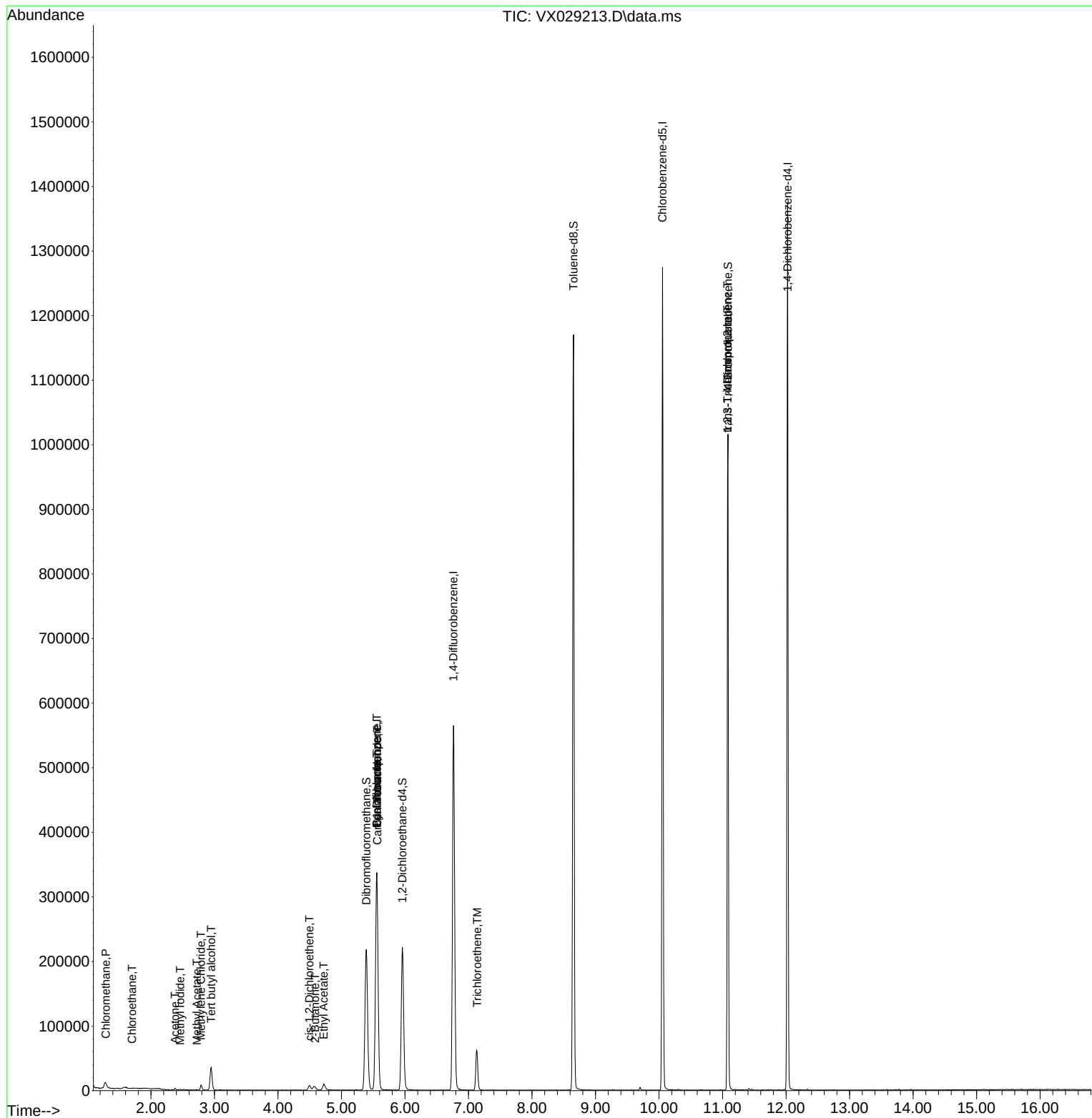
Internal Standards						
1) Pentafluorobenzene	5.556	168	317885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	594270	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	589700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	281574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	213446	59.545	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	119.100%
35) Dibromofluoromethane	5.391	113	197323	49.990	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.980%
50) Toluene-d8	8.653	98	713317	49.410	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.820%
62) 4-Bromofluorobenzene	11.085	95	289859	51.940	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.880%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	758	0.262	ug/l #	77
5) Bromomethane	1.611	94	1103	Below Cal	#	77
6) Chloroethane	1.703	64	473	1.570	ug/l #	43
10) Methyl Iodide	2.459	142	1204	4.534	ug/l #	90
11) Tert butyl alcohol	2.946	59	20440	24.615	ug/l #	74
16) Acetone	2.379	43	2650	1.877	ug/l	94
18) Methyl Acetate	2.721	43	877	0.240	ug/l #	78
20) Methylene Chloride	2.788	84	3727	1.133	ug/l	96
25) 2-Butanone	4.586	43	863	0.379	ug/l #	44
27) cis-1,2-Dichloroethene	4.495	96	5172	1.342	ug/l	84
31) Cyclohexane	5.556	56	6262	1.344	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24729	4.869	ug/l #	45
37) Ethyl Acetate	4.720	43	15773	3.204	ug/l #	95
38) Carbon Tetrachloride	5.562	117	32973	5.681	ug/l #	15
44) Trichloroethene	7.135	130	25557	5.100	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	137464	24.083	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	137464	70.654	ug/l #	15
94) Hexachlorobutadiene	13.725	225	103	Below Cal	#	21

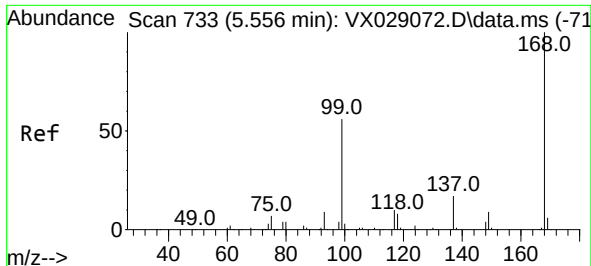
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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60BR-20220531

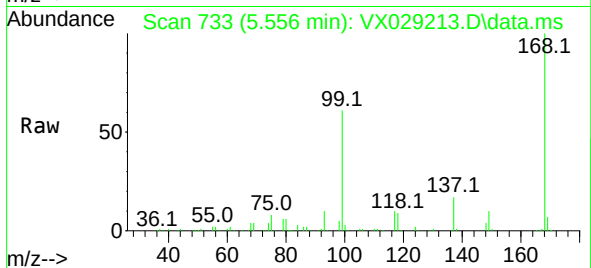
Quant Time: Jun 06 02:39:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration



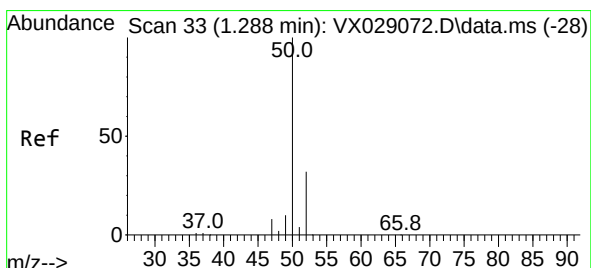
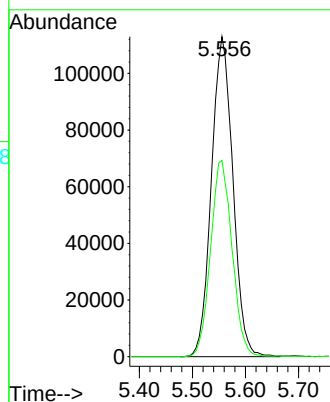
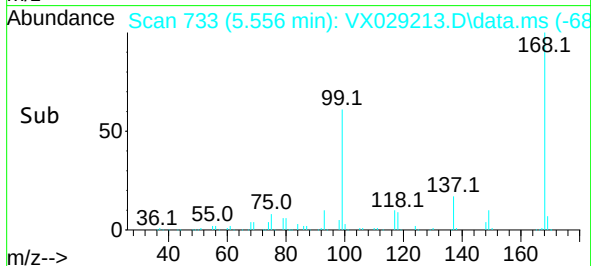


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029213.D
Acq: 04 Jun 2022 00:34

Instrument :
MSVOA_X
ClientSampleId :
60BR-20220531

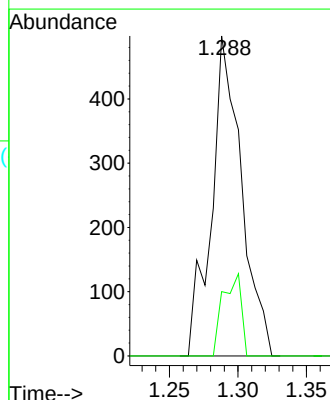
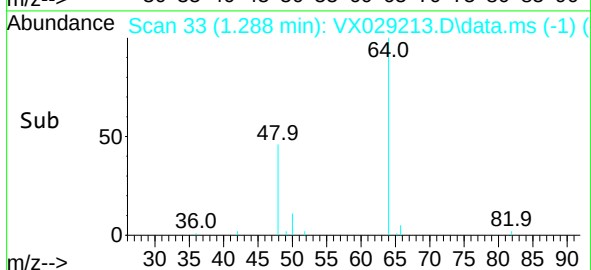
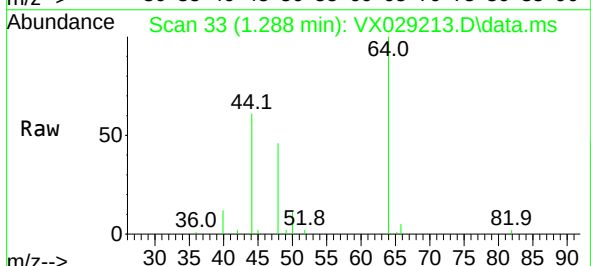


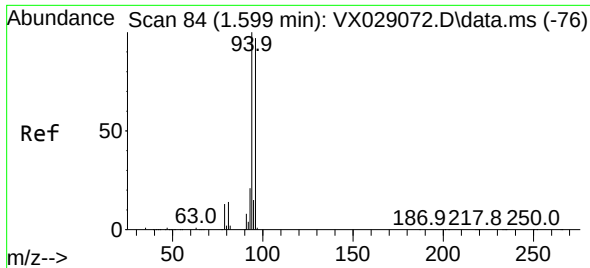
Tgt Ion:168 Resp: 317885
Ion Ratio Lower Upper
168 100
99 61.3 41.7 62.5



#3
Chloromethane
Concen: 0.262 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029213.D
Acq: 04 Jun 2022 00:34

Tgt Ion: 50 Resp: 758
Ion Ratio Lower Upper
50 100
52 20.1 26.4 39.6#

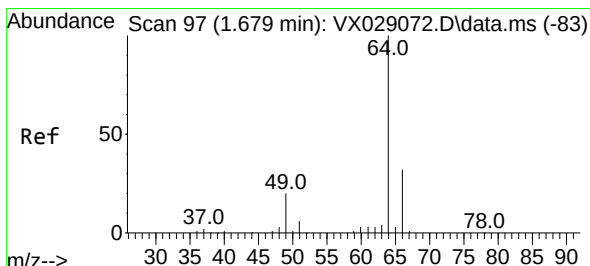
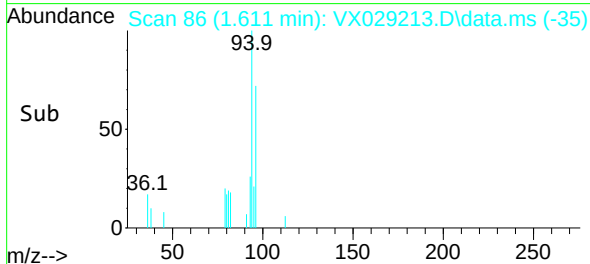
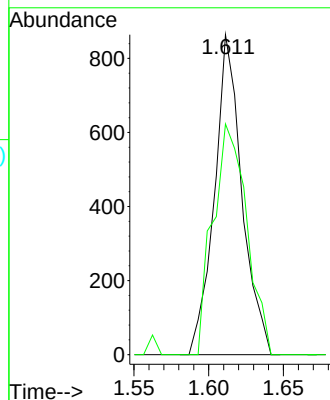
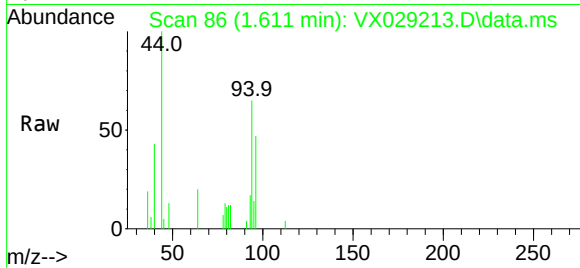




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX029213.D
Acq: 04 Jun 2022 00:34

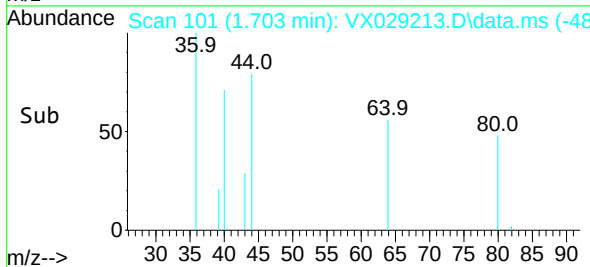
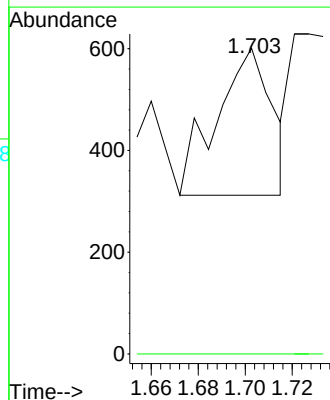
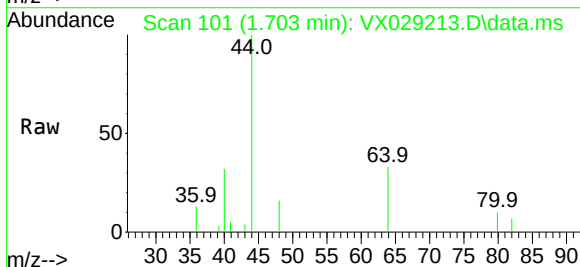
Instrument :
MSVOA_X
ClientSampleId :
60BR-20220531

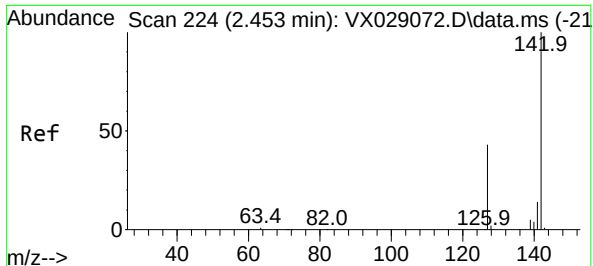
Tgt Ion: 94 Resp: 1103
Ion Ratio Lower Upper
94 100
96 72.1 75.3 112.9#



#6
Chloroethane
Concen: 1.570 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX029213.D
Acq: 04 Jun 2022 00:34

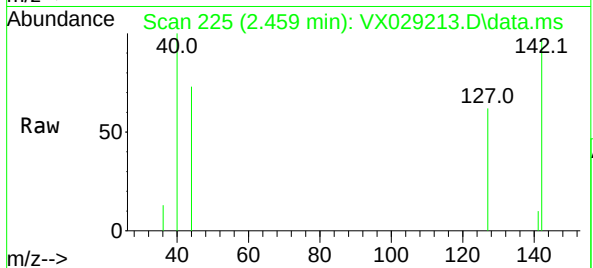
Tgt Ion: 64 Resp: 473
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



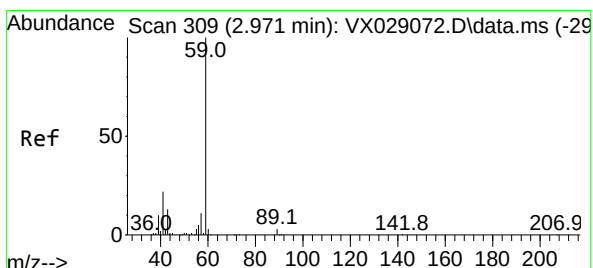
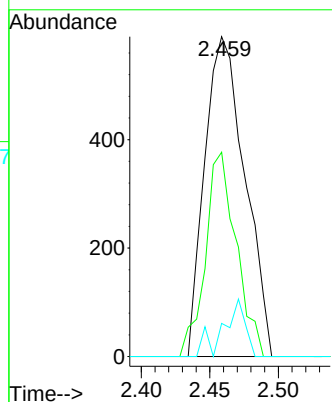
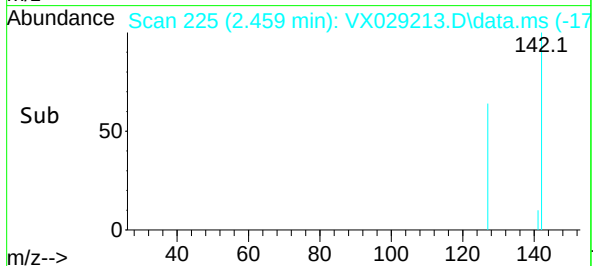


#10
Methyl Iodide
Concen: 4.534 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029213.D
Acq: 04 Jun 2022 00:34

Instrument :
MSVOA_X
ClientSampleId :
60BR-20220531

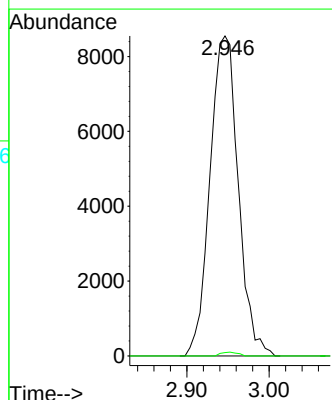
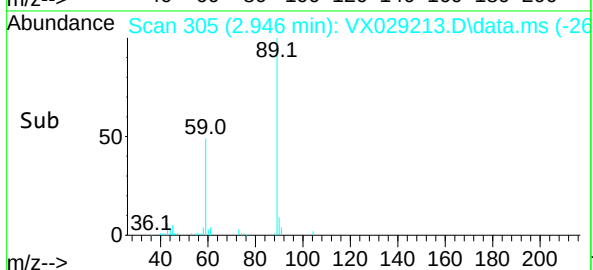
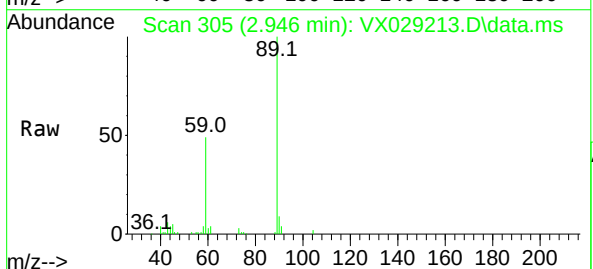


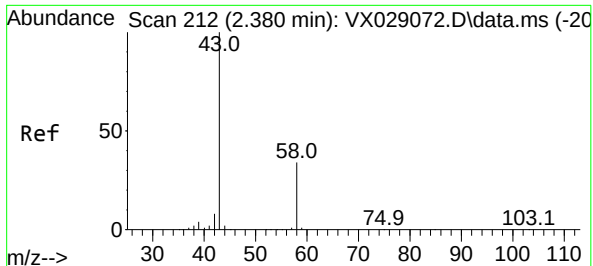
Tgt Ion:142 Resp: 1204
Ion Ratio Lower Upper
142 100
127 48.9 33.9 50.9
141 9.9 11.4 17.2#



#11
Tert butyl alcohol
Concen: 24.615 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX029213.D
Acq: 04 Jun 2022 00:34

Tgt Ion: 59 Resp: 20440
Ion Ratio Lower Upper
59 100
57 0.7 8.3 12.5#

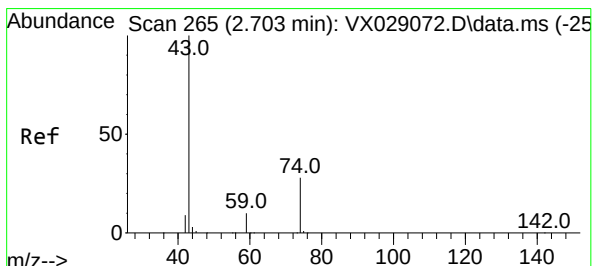
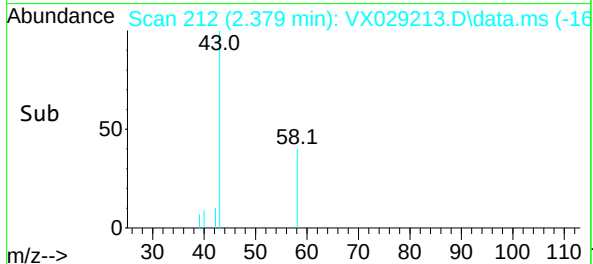
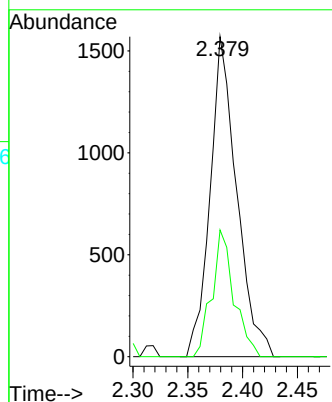
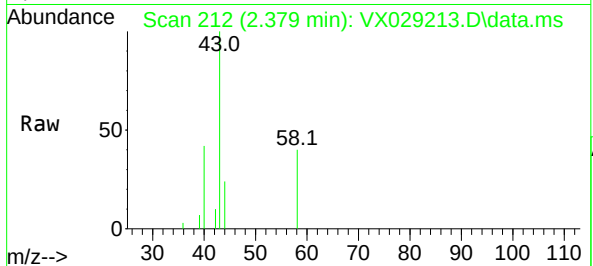




#16
Acetone
Concen: 1.877 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX029213.D
Acq: 04 Jun 2022 00:34

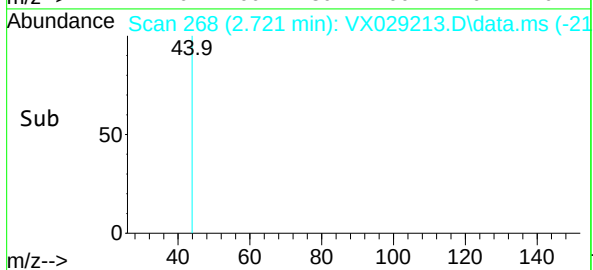
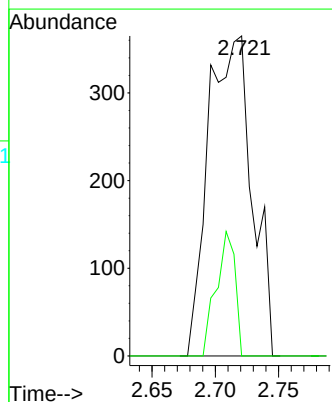
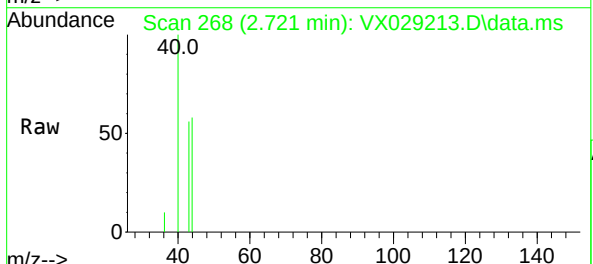
Instrument :
MSVOA_X
ClientSampleId :
60BR-20220531

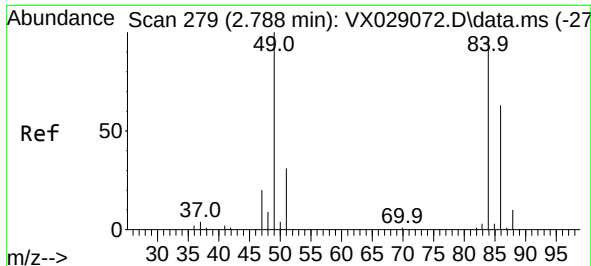
Tgt Ion: 43 Resp: 2650
Ion Ratio Lower Upper
43 100
58 39.6 28.8 43.2



#18
Methyl Acetate
Concen: 0.240 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.018 min
Lab File: VX029213.D
Acq: 04 Jun 2022 00:34

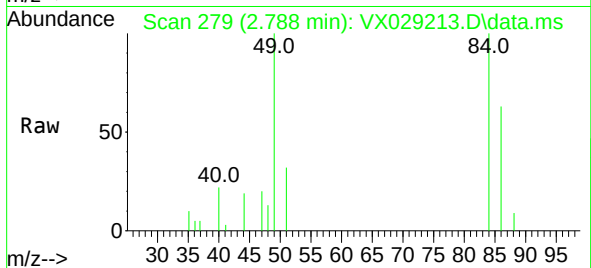
Tgt Ion: 43 Resp: 877
Ion Ratio Lower Upper
43 100
74 16.8 22.8 34.2#



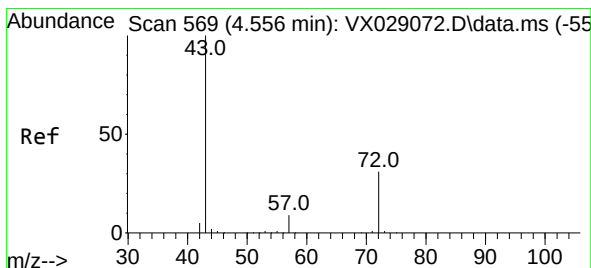
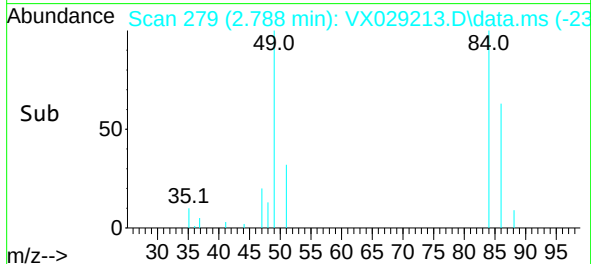
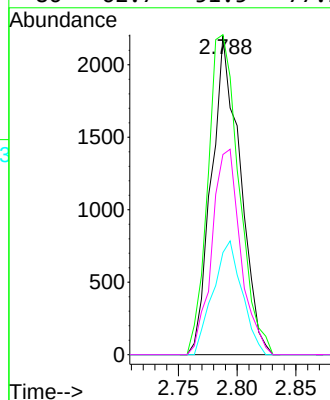


#20
Methylene Chloride
Concen: 1.133 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029213.D
Acq: 04 Jun 2022 00:34

Instrument :
MSVOA_X
ClientSampleId :
60BR-20220531

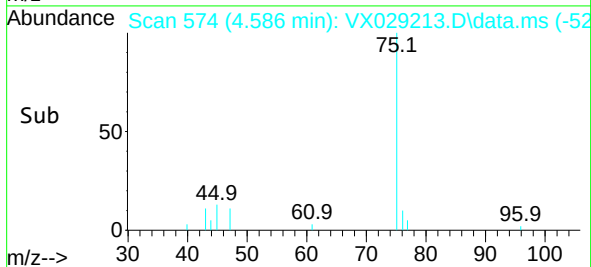
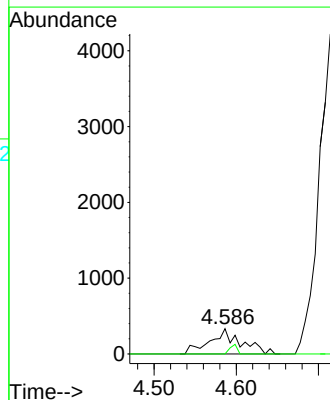
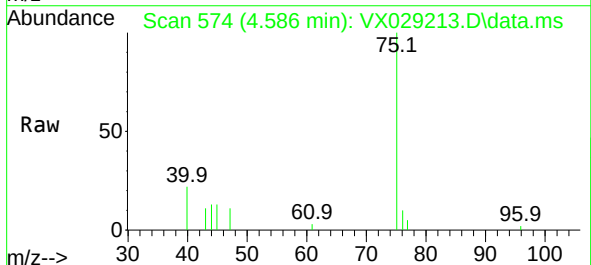


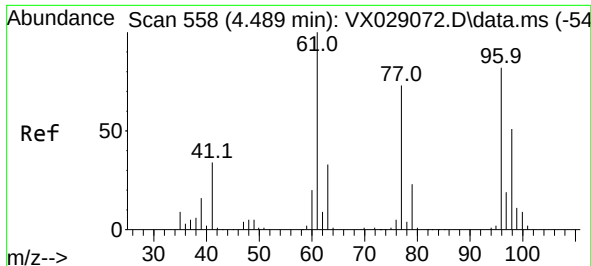
Tgt Ion:	84	Resp:	3727
Ion	Ratio	Lower	Upper
84	100		
49	100.3	85.5	128.3
51	32.0	26.6	39.8
86	62.7	51.5	77.3



#25
2-Butanone
Concen: 0.379 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX029213.D
Acq: 04 Jun 2022 00:34

Tgt Ion:	43	Resp:	863
Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.4	36.6#





#27

cis-1,2-Dichloroethene

Concen: 1.342 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX029213.D

Acq: 04 Jun 2022 00:34

Instrument :

MSVOA_X

ClientSampleId :

60BR-20220531

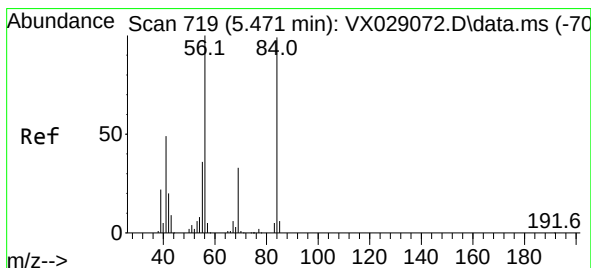
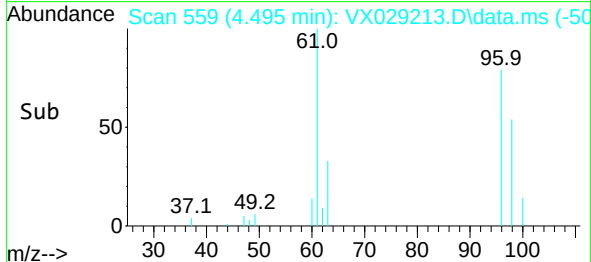
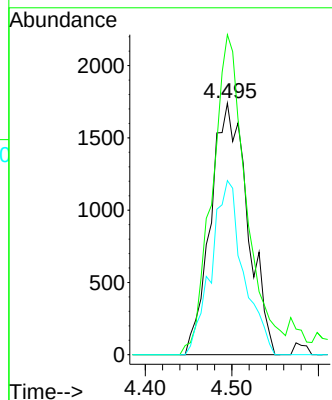
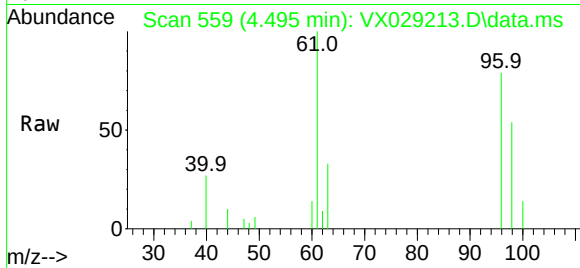
Tgt Ion: 96 Resp: 5172

Ion Ratio Lower Upper

96 100

61 117.3 0.0 283.8

98 60.4 0.0 129.8



#31

Cyclohexane

Concen: 1.344 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX029213.D

Acq: 04 Jun 2022 00:34

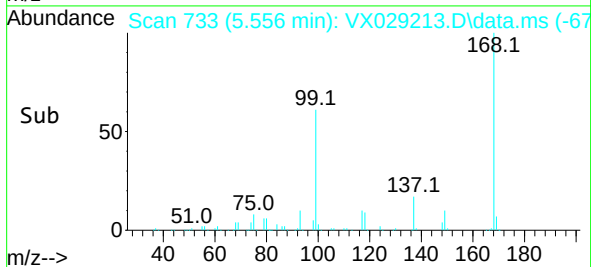
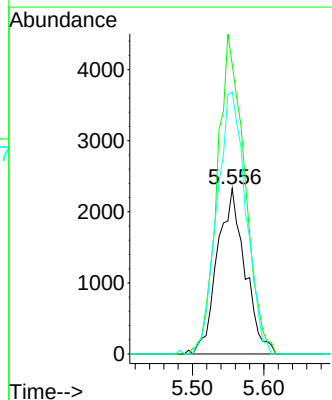
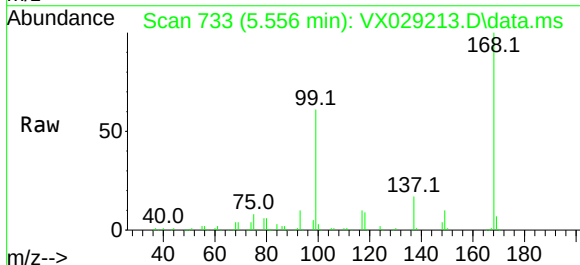
Tgt Ion: 56 Resp: 6262

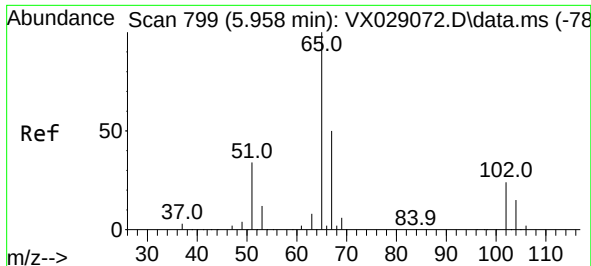
Ion Ratio Lower Upper

56 100

69 175.3 26.7 40.1#

84 158.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 59.545 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029213.D

Acq: 04 Jun 2022 00:34

Instrument :

MSVOA_X

ClientSampleId :

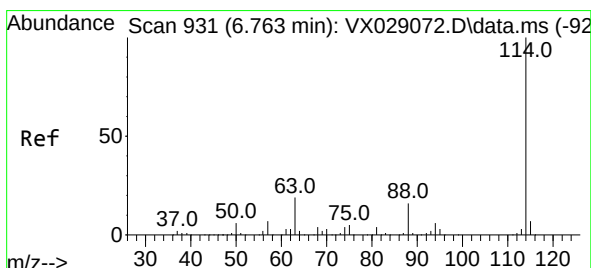
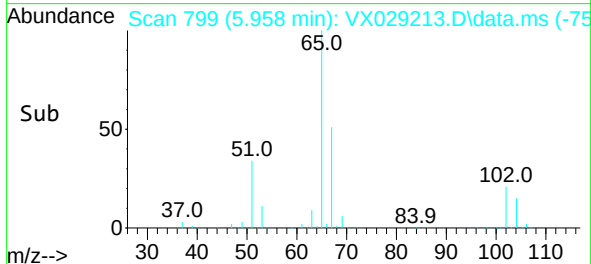
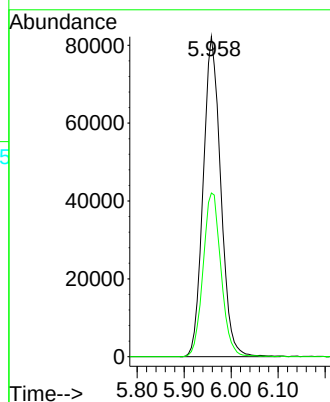
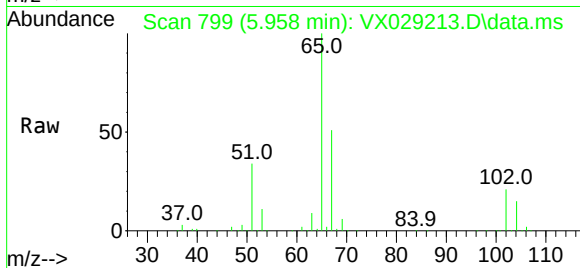
60BR-20220531

Tgt Ion: 65 Resp: 213446

Ion Ratio Lower Upper

65 100

67 52.3 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: VX029213.D

Acq: 04 Jun 2022 00:34

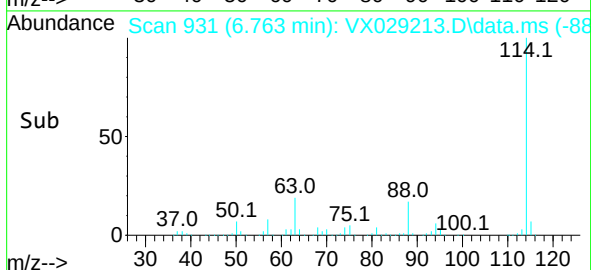
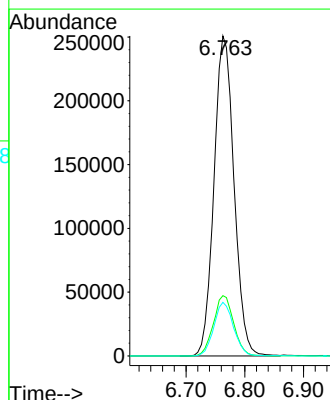
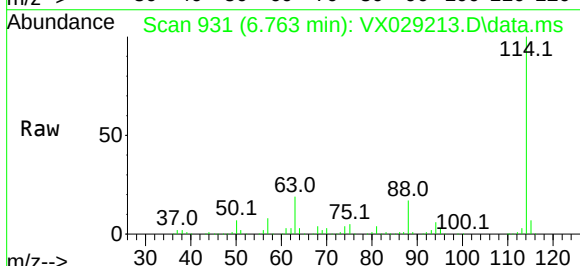
Tgt Ion: 114 Resp: 594270

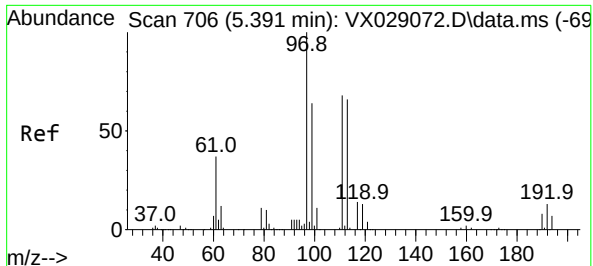
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

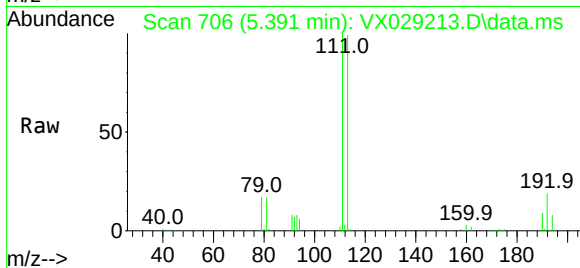
88 16.8 0.0 32.4



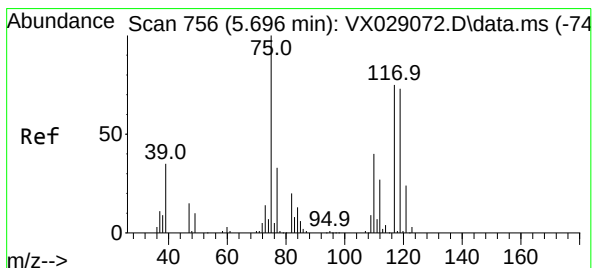
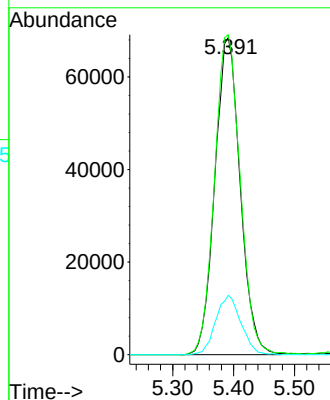
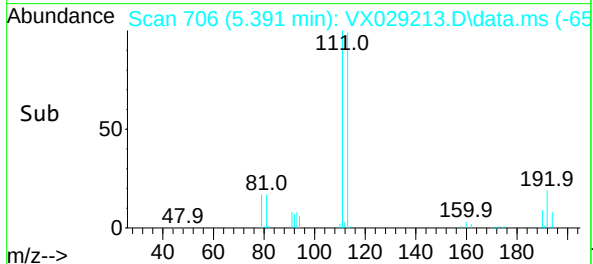


#35
Dibromofluoromethane
Concen: 49.990 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029213.D
Acq: 04 Jun 2022 00:34

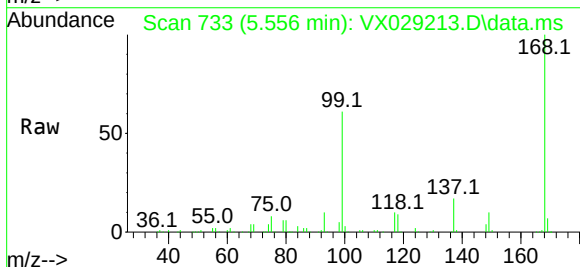
Instrument :
MSVOA_X
ClientSampleId :
60BR-20220531



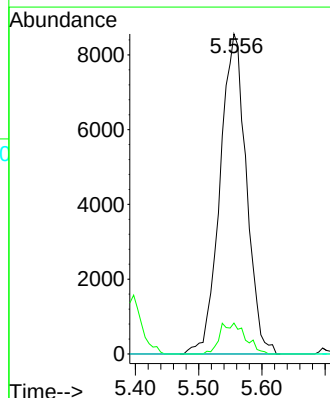
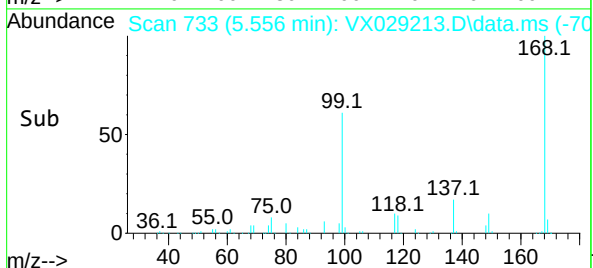
Tgt Ion:113 Resp: 197323
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 18.7 16.9 25.3

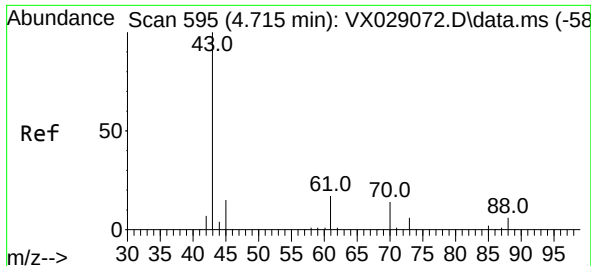


#36
1,1-Dichloropropene
Concen: 4.869 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029213.D
Acq: 04 Jun 2022 00:34



Tgt Ion: 75 Resp: 24729
Ion Ratio Lower Upper
75 100
110 4.3 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 3.204 ug/l

RT: 4.720 min Scan# 595

Delta R.T. 0.005 min

Lab File: VX029213.D

Acq: 04 Jun 2022 00:34

Instrument :

MSVOA_X

ClientSampleId :

60BR-20220531

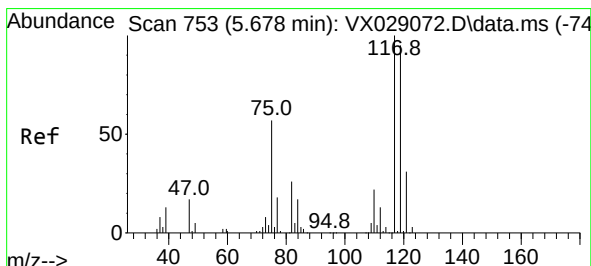
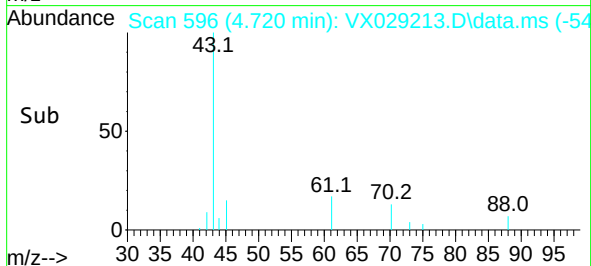
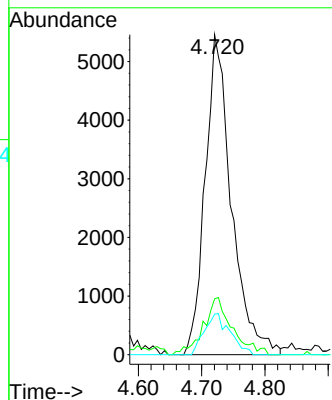
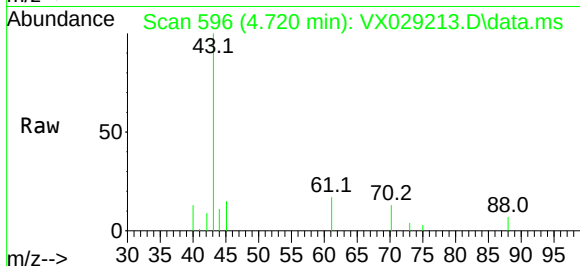
Tgt Ion: 43 Resp: 15773

Ion Ratio Lower Upper

43 100

61 19.4 12.6 19.0#

70 12.5 10.2 15.2



#38

Carbon Tetrachloride

Concen: 5.681 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX029213.D

Acq: 04 Jun 2022 00:34

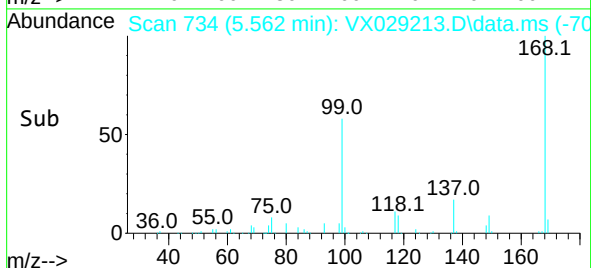
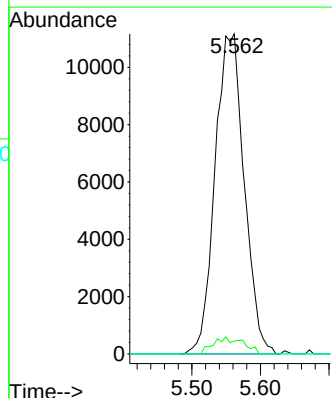
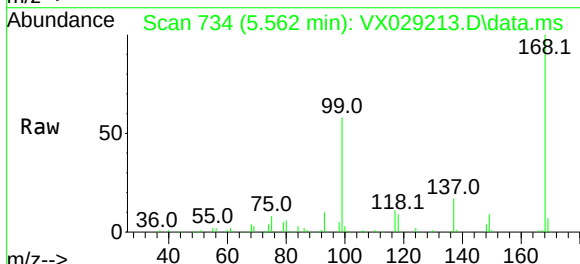
Tgt Ion: 117 Resp: 32973

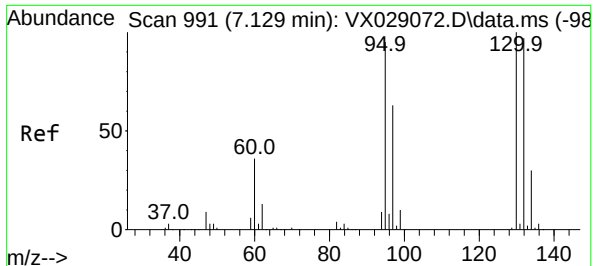
Ion Ratio Lower Upper

117 100

119 4.0 77.3 115.9#

121 0.0 24.2 36.2#

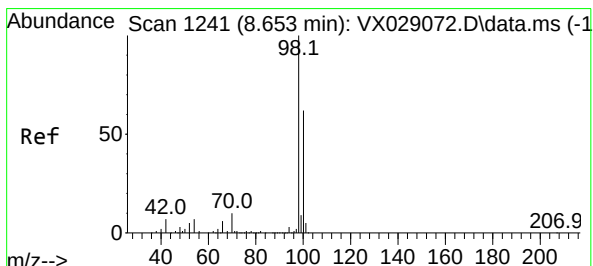
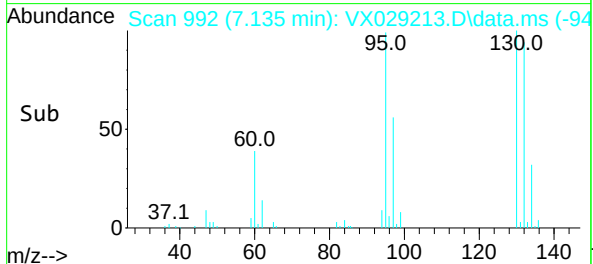
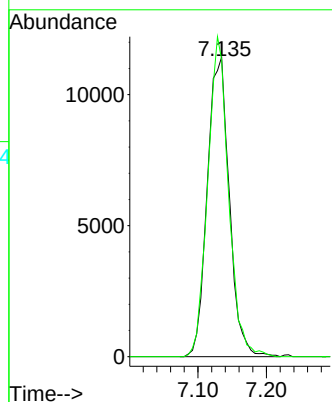
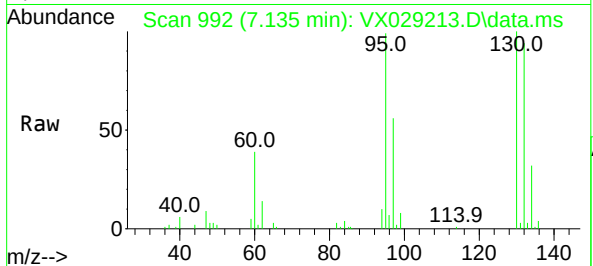




#44
Trichloroethene
Concen: 5.100 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029213.D
Acq: 04 Jun 2022 00:34

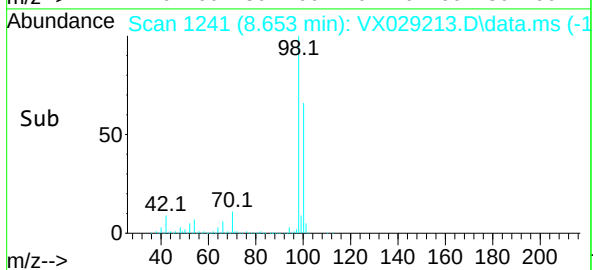
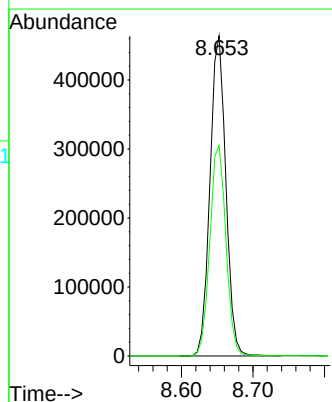
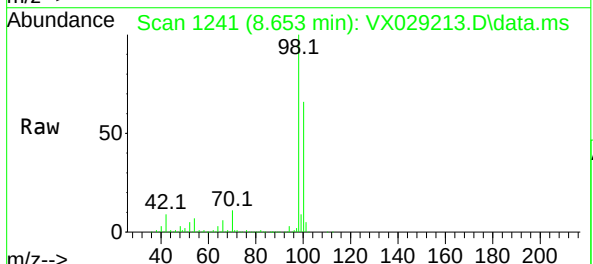
Instrument :
MSVOA_X
ClientSampleId :
60BR-20220531

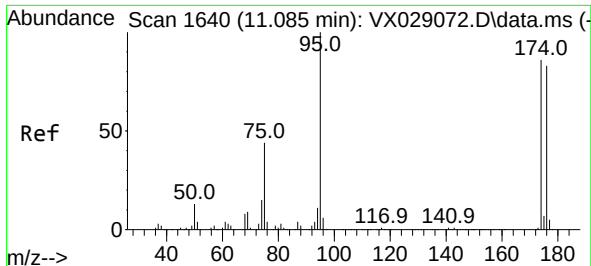
Tgt Ion:130 Resp: 25557
Ion Ratio Lower Upper
130 100
95 99.0 0.0 188.8



#50
Toluene-d8
Concen: 49.410 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029213.D
Acq: 04 Jun 2022 00:34

Tgt Ion: 98 Resp: 713317
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8

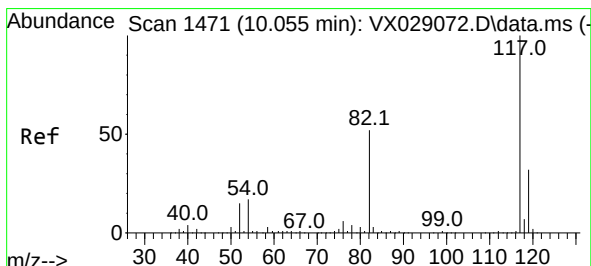
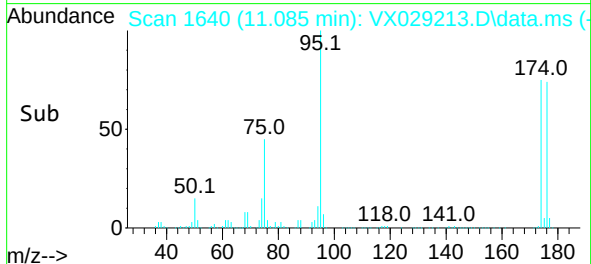
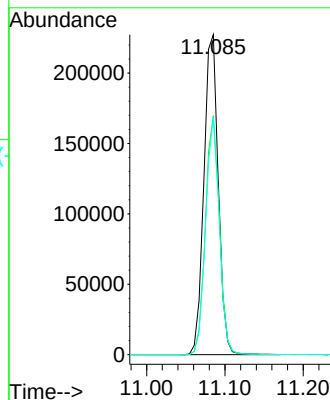
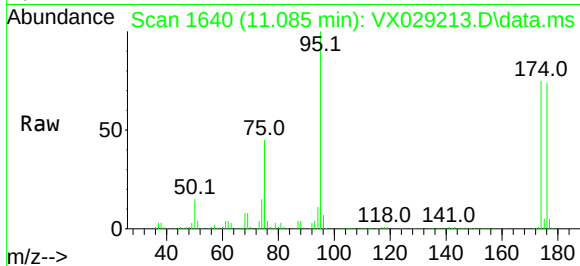




#62
4-Bromofluorobenzene
Concen: 51.940 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029213.D
Acq: 04 Jun 2022 00:34

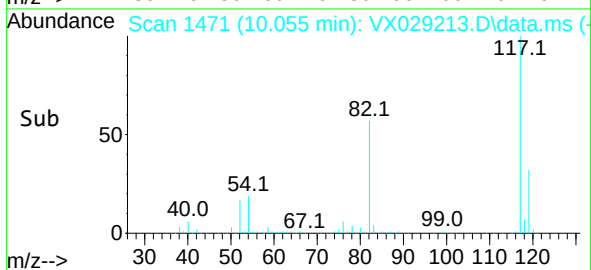
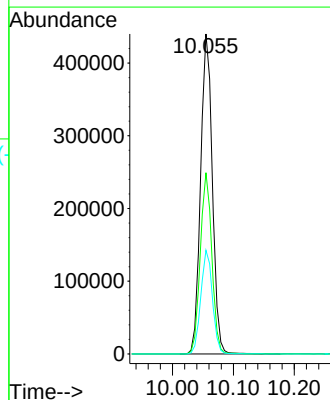
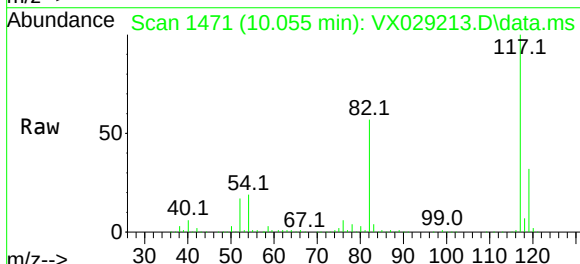
Instrument :
MSVOA_X
ClientSampleId :
60BR-20220531

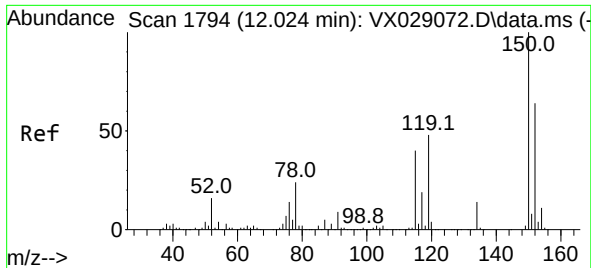
Tgt Ion: 95 Resp: 289859
Ion Ratio Lower Upper
95 100
174 72.6 0.0 163.0
176 70.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029213.D
Acq: 04 Jun 2022 00:34

Tgt Ion: 117 Resp: 589700
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.4 24.8 37.2

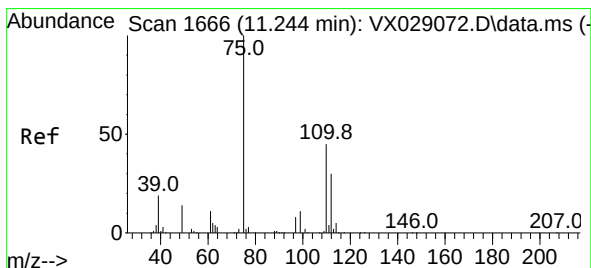
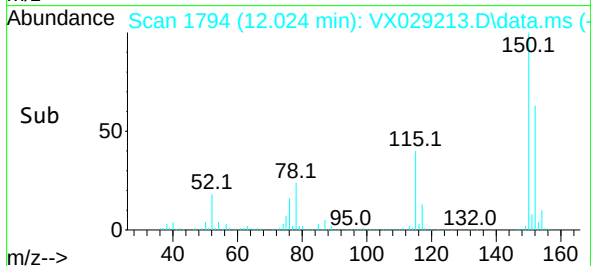
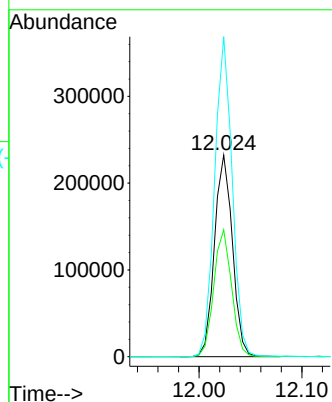
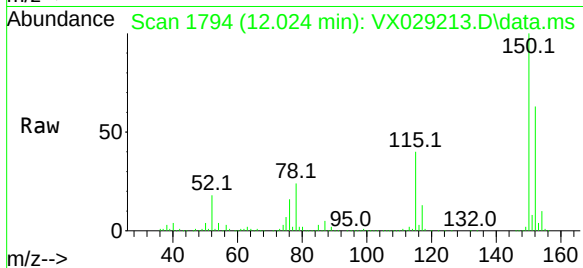




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029213.D
Acq: 04 Jun 2022 00:34

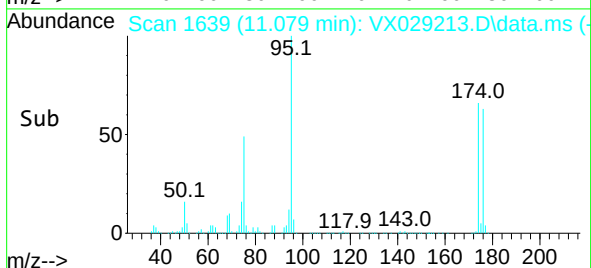
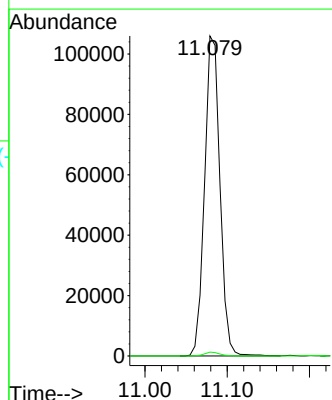
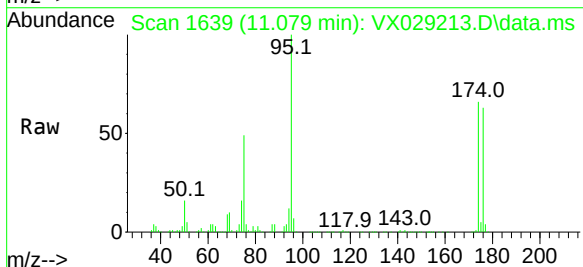
Instrument :
MSVOA_X
ClientSampleId :
60BR-20220531

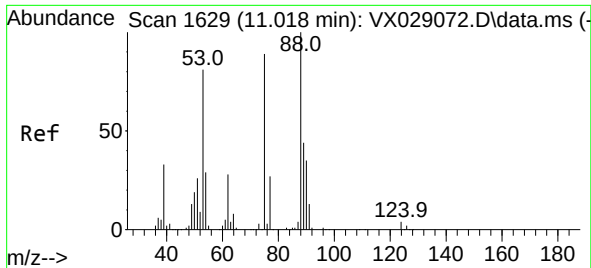
Tgt Ion:152 Resp: 281574
Ion Ratio Lower Upper
152 100
115 62.6 37.5 112.7
150 155.3 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.083 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029213.D
Acq: 04 Jun 2022 00:34

Tgt Ion: 75 Resp: 137464
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#

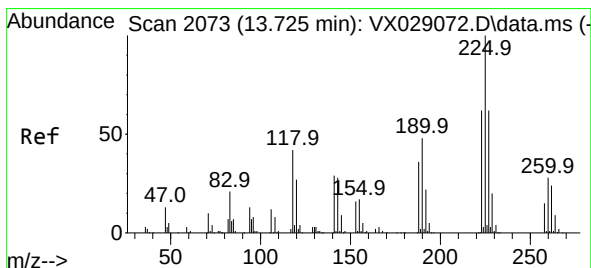
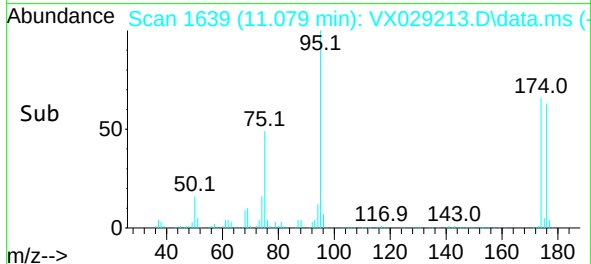
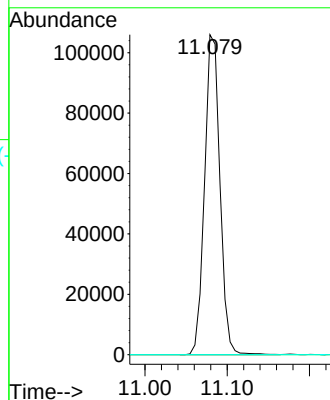
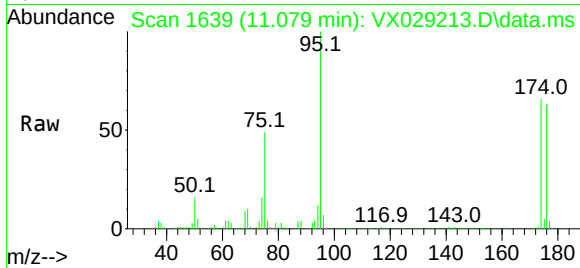




#81
trans-1,4-Dichloro-2-butene
Concen: 70.654 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029213.D
Acq: 04 Jun 2022 00:34

Instrument :
MSVOA_X
ClientSampleId :
60BR-20220531

Tgt Ion: 75 Resp: 137464
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: VX029213.D
Acq: 04 Jun 2022 00:34

Tgt Ion: 225 Resp: 103
Ion Ratio Lower Upper
225 100
223 54.4 34.2 102.5
227 181.6 33.9 101.7#

