

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029218.D
 Acq On : 04 Jun 2022 02:30
 Operator : JC/MD
 Sample : N3165-14 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 03BR-20220601

Quant Time: Jun 06 02:40:06 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)

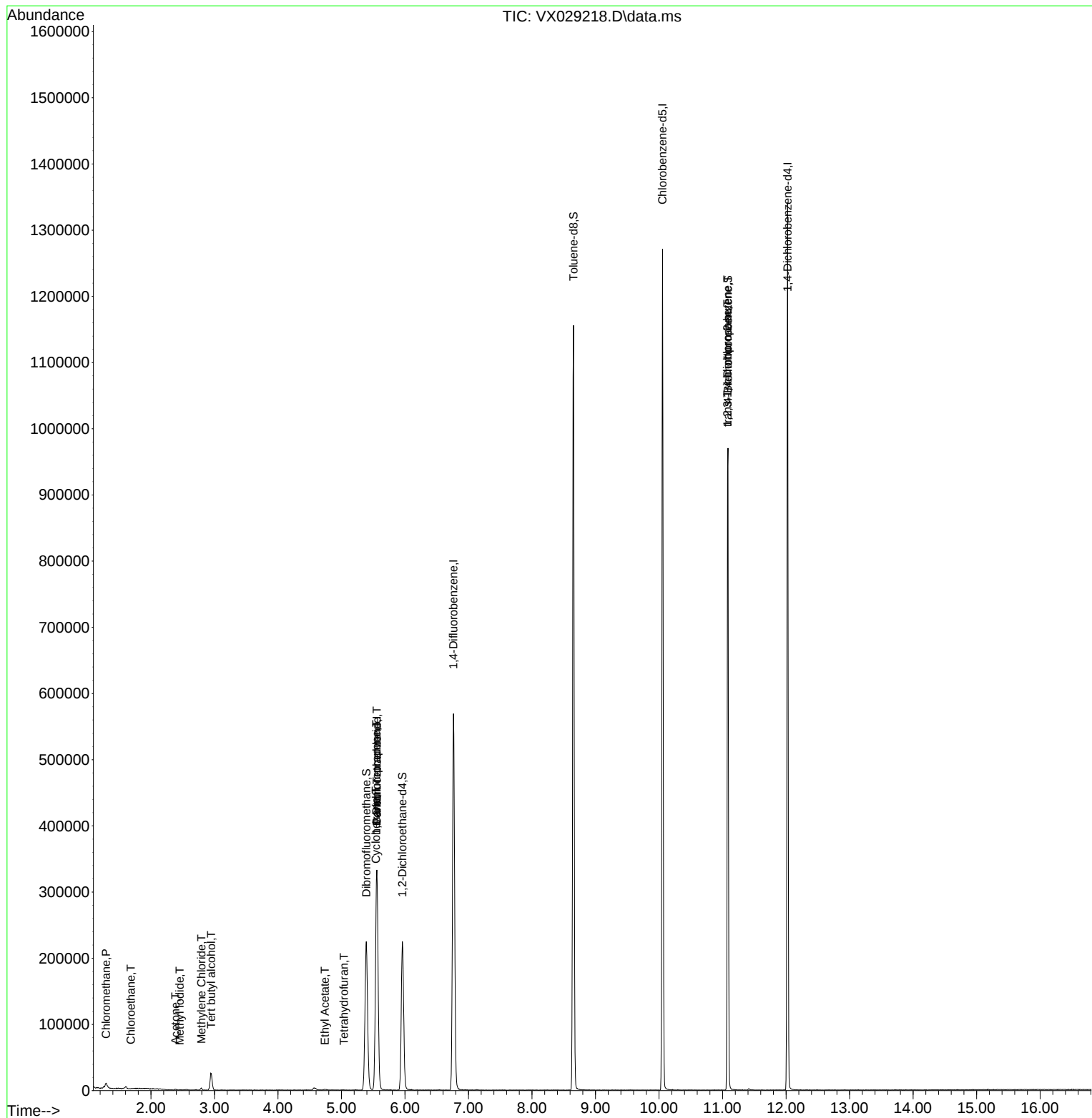
Internal Standards						
1) Pentafluorobenzene	5.556	168	315077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	599746	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	578487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	216264	60.869	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 121.740%	
35) Dibromofluoromethane	5.391	113	198434	49.812	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.620%	
50) Toluene-d8	8.653	98	711795	48.854	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.700%	
62) 4-Bromofluorobenzene	11.085	95	277829	49.330	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	627	0.219	ug/l #	88
5) Bromomethane	1.611	94	805	Below Cal	#	58
6) Chloroethane	1.685	64	530	1.591	ug/l #	43
10) Methyl Iodide	2.453	142	607	4.383	ug/l #	89
11) Tert butyl alcohol	2.946	59	15350	18.650	ug/l #	76
16) Acetone	2.386	43	1522	1.088	ug/l #	79
20) Methylene Chloride	2.794	84	1265	0.388	ug/l #	82
29) Tetrahydrofuran	5.038	42	375	0.259	ug/l #	49
31) Cyclohexane	5.544	56	6100	1.321	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	24548	4.789	ug/l #	50
37) Ethyl Acetate	4.739	43	2070	0.417	ug/l #	83
38) Carbon Tetrachloride	5.556	117	33842	5.777	ug/l #	17
44) Trichloroethene	7.116	130	184	Below Cal		55
76) 1,2,3-Trichloropropane	11.079	75	135239	24.984	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	135239	73.297	ug/l #	15

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

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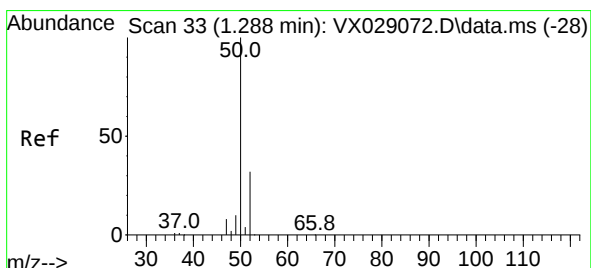
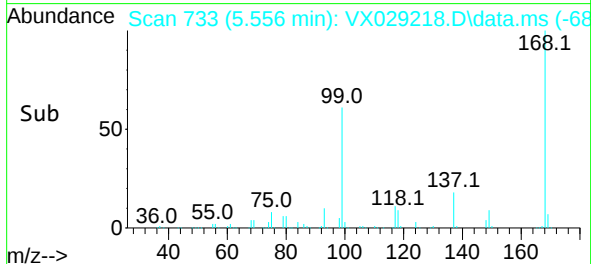
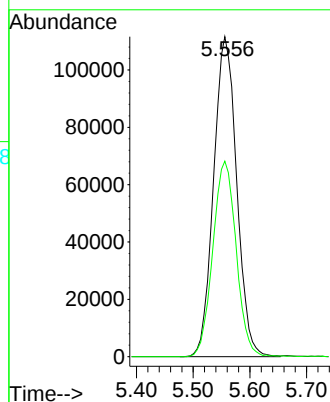
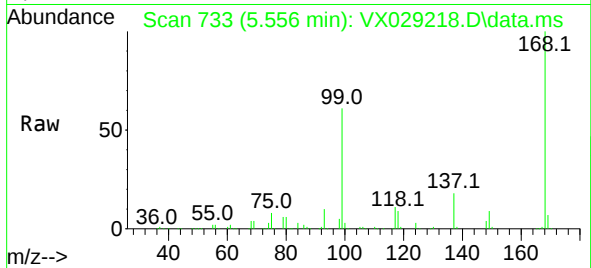




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029218.D
Acq: 04 Jun 2022 02:30

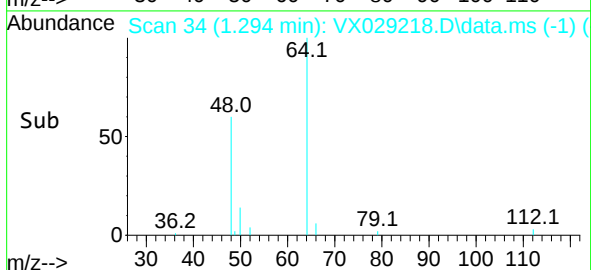
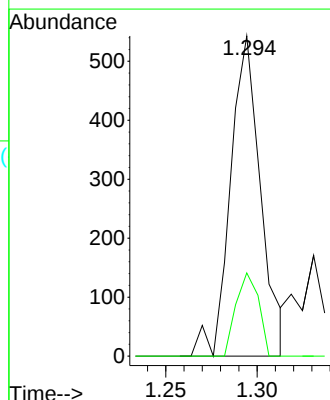
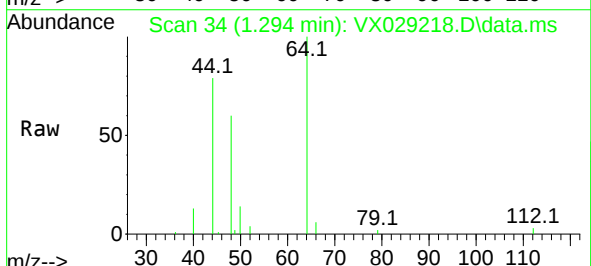
Instrument :
MSVOA_X
ClientSampleId :
03BR-20220601

Tgt Ion:168 Resp: 315077
Ion Ratio Lower Upper
168 100
99 61.1 41.7 62.5



#3
Chloromethane
Concen: 0.219 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029218.D
Acq: 04 Jun 2022 02:30

Tgt Ion: 50 Resp: 627
Ion Ratio Lower Upper
50 100
52 26.0 26.4 39.6#

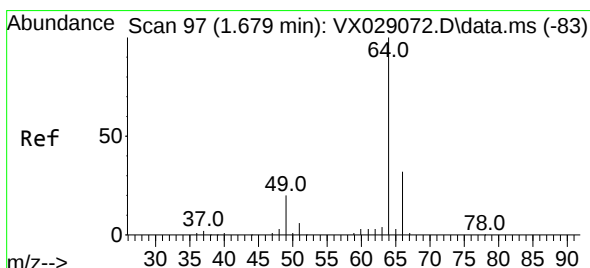
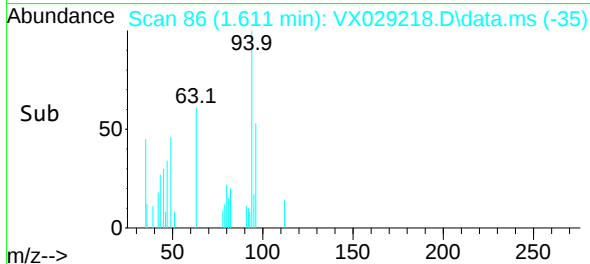
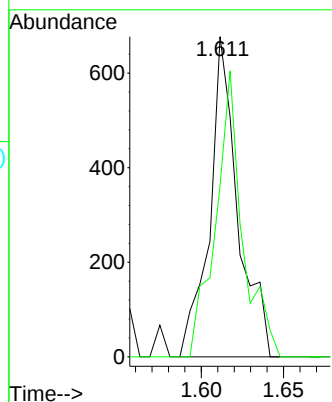
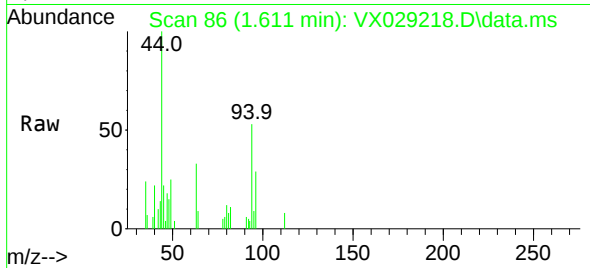




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX029218.D
Acq: 04 Jun 2022 02:30

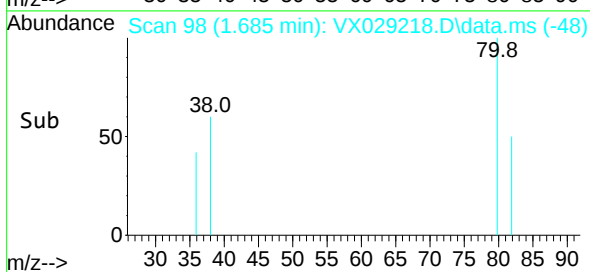
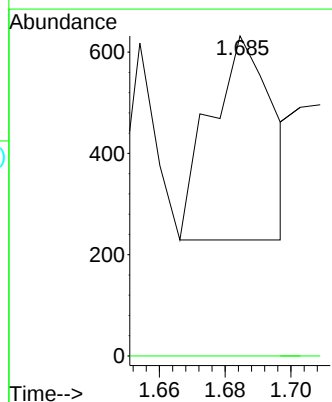
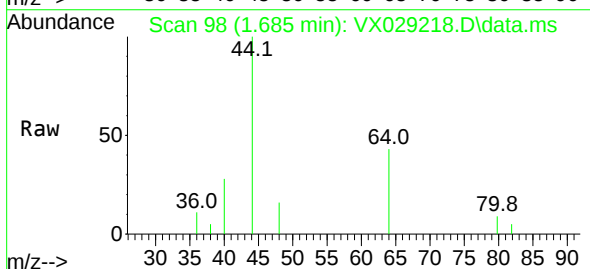
Instrument :
MSVOA_X
ClientSampleId :
03BR-20220601

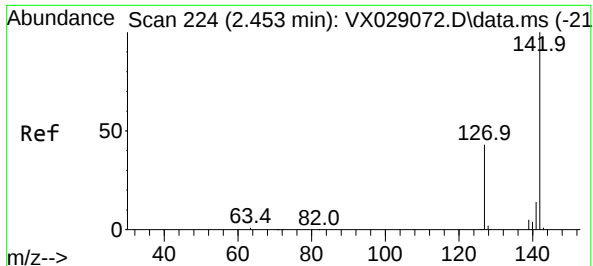
Tgt Ion: 94 Resp: 805
Ion Ratio Lower Upper
94 100
96 53.5 75.3 112.9#



#6
Chloroethane
Concen: 1.591 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX029218.D
Acq: 04 Jun 2022 02:30

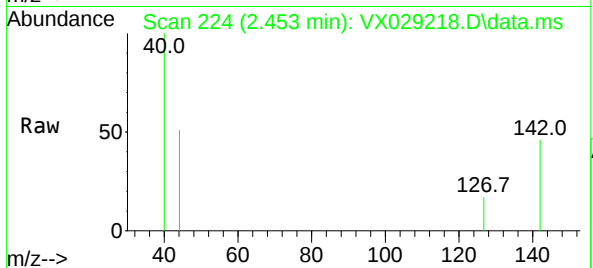
Tgt Ion: 64 Resp: 530
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



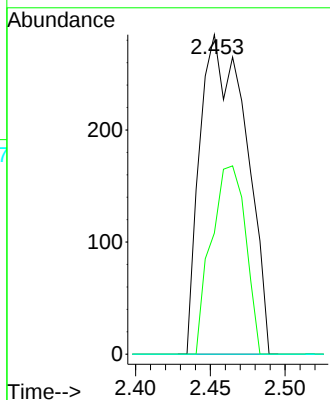
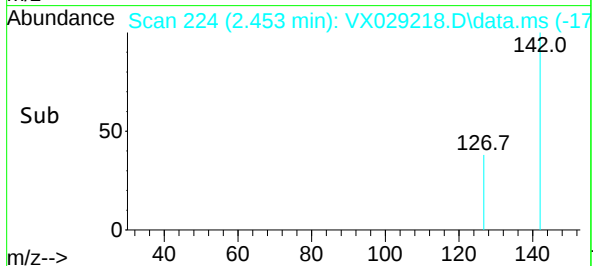


#10
Methyl Iodide
Concen: 4.383 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029218.D
Acq: 04 Jun 2022 02:30

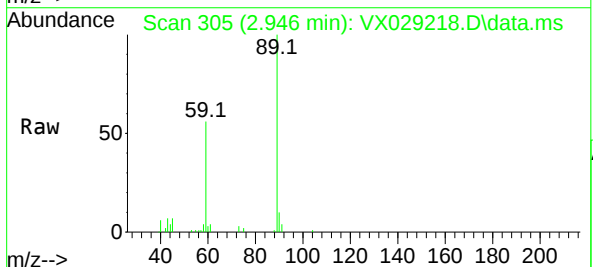
Instrument :
MSVOA_X
ClientSampleId :
03BR-20220601



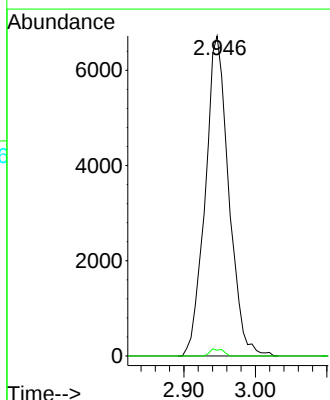
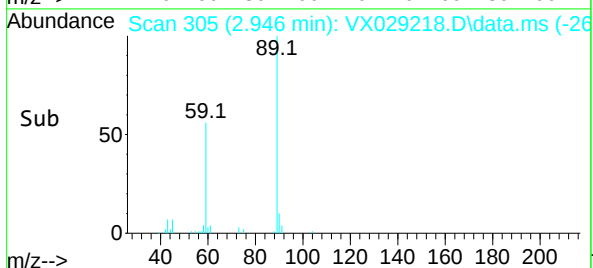
Tgt Ion:142 Resp: 607
Ion Ratio Lower Upper
142 100
127 44.0 33.9 50.9
141 0.0 11.4 17.2#

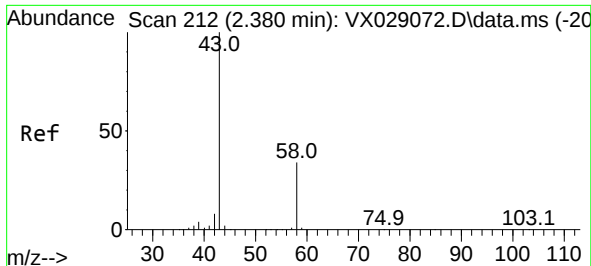


#11
Tert butyl alcohol
Concen: 18.650 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX029218.D
Acq: 04 Jun 2022 02:30



Tgt Ion: 59 Resp: 15350
Ion Ratio Lower Upper
59 100
57 1.2 8.3 12.5#

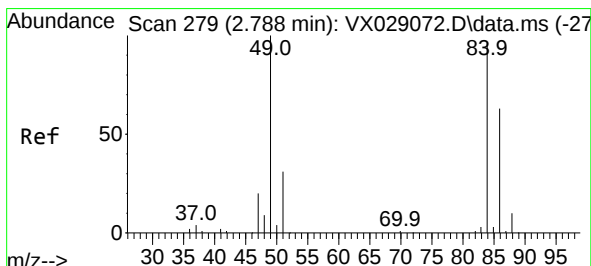
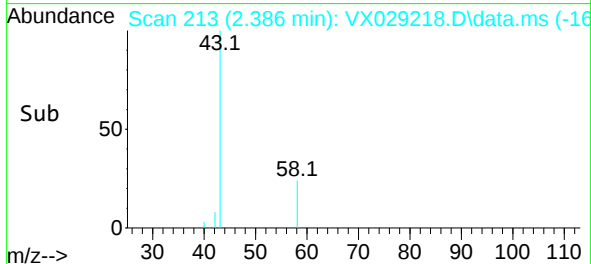
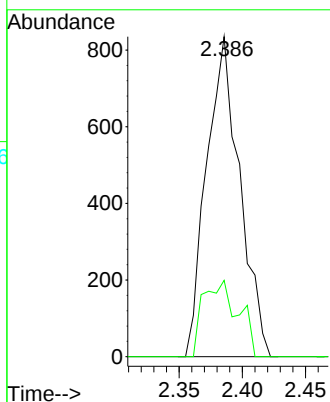
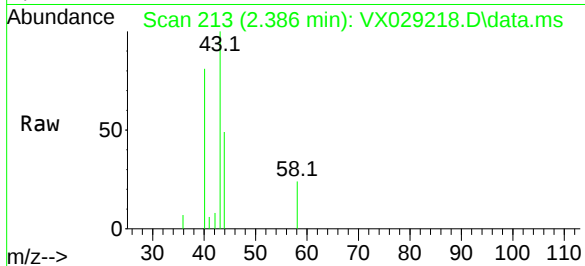




#16
Acetone
Concen: 1.088 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029218.D
Acq: 04 Jun 2022 02:30

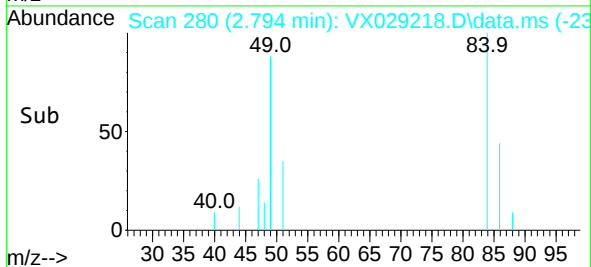
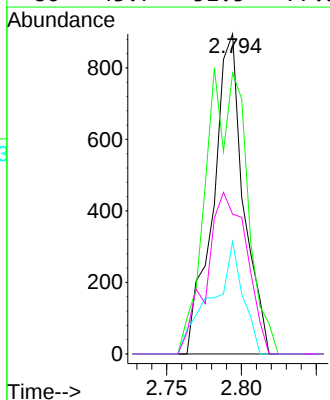
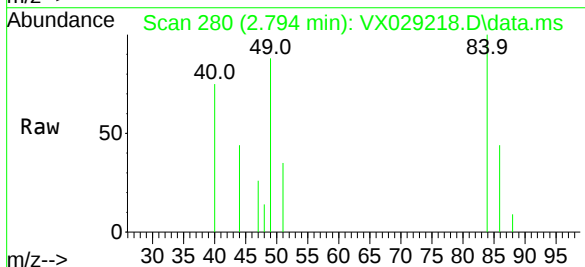
Instrument :
MSVOA_X
ClientSampleId :
03BR-20220601

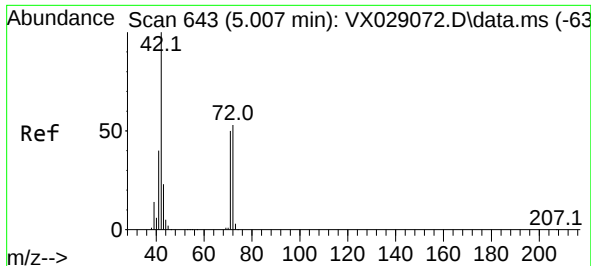
Tgt Ion: 43 Resp: 1522
Ion Ratio Lower Upper
43 100
58 23.8 28.8 43.2#



#20
Methylene Chloride
Concen: 0.388 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029218.D
Acq: 04 Jun 2022 02:30

Tgt Ion: 84 Resp: 1265
Ion Ratio Lower Upper
84 100
49 87.8 85.5 128.3
51 35.1 26.6 39.8
86 43.7 51.5 77.3#





#29

Tetrahydrofuran

Concen: 0.259 ug/l

RT: 5.038 min Scan# 643

Delta R.T. 0.031 min

Lab File: VX029218.D

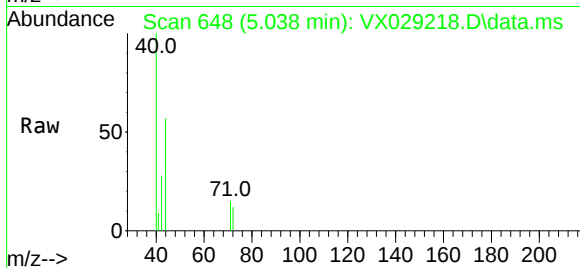
Acq: 04 Jun 2022 02:30

Instrument :

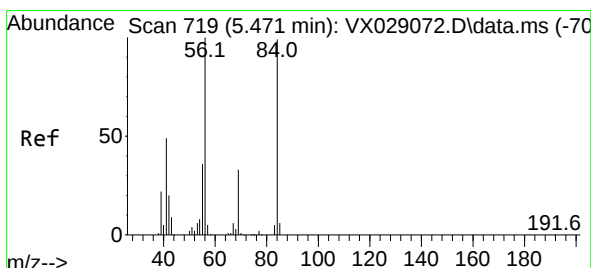
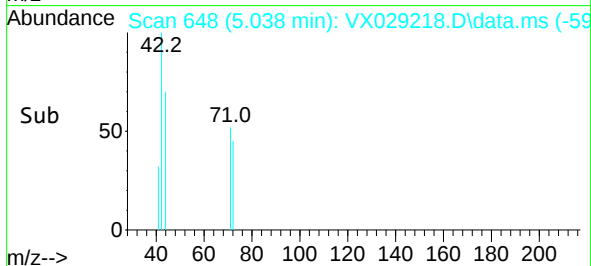
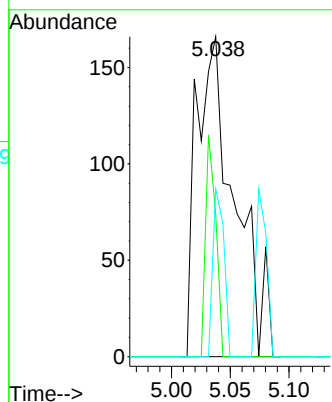
MSVOA_X

ClientSampleId :

03BR-20220601



Tgt Ion:	42	Resp:	375
Ion	Ratio	Lower	Upper
42	100		
72	18.4	44.1	66.1#
71	15.2	40.5	60.7#



#31

Cyclohexane

Concen: 1.321 ug/l

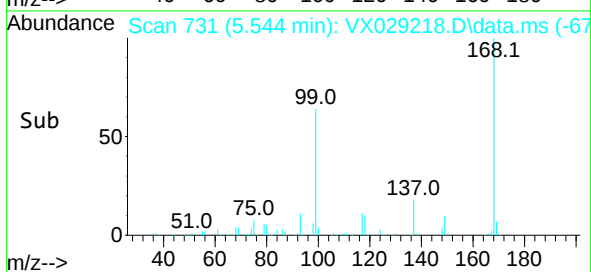
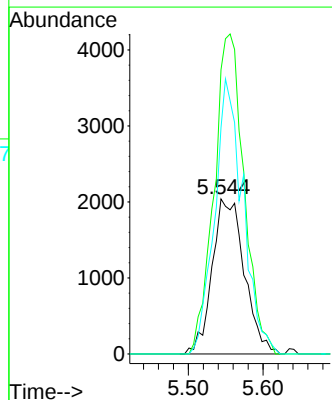
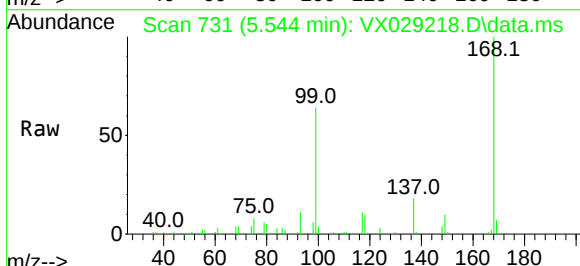
RT: 5.544 min Scan# 731

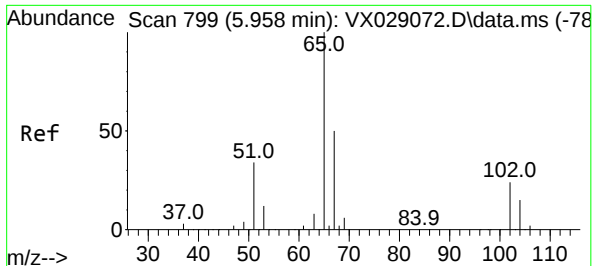
Delta R.T. 0.073 min

Lab File: VX029218.D

Acq: 04 Jun 2022 02:30

Tgt Ion:	56	Resp:	6100
Ion	Ratio	Lower	Upper
56	100		
69	183.2	26.7	40.1#
84	145.9	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 60.869 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029218.D

Acq: 04 Jun 2022 02:30

Instrument :

MSVOA_X

ClientSampleId :

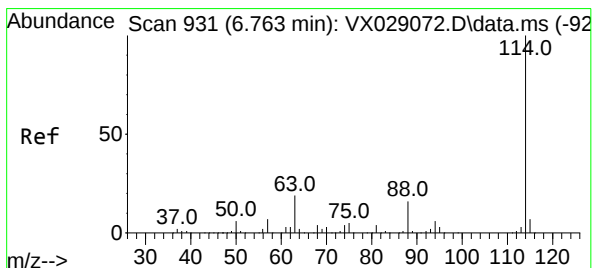
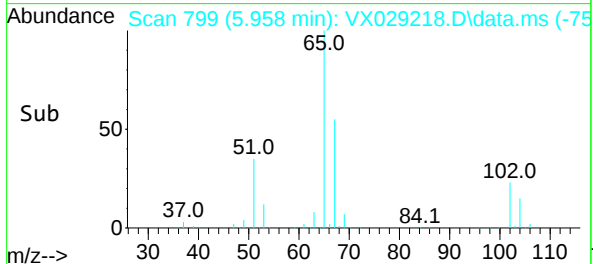
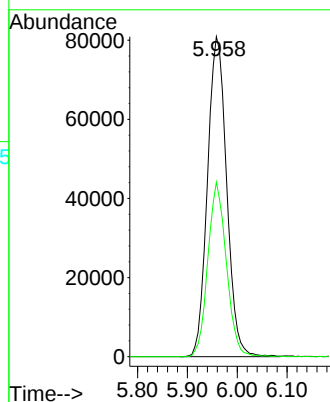
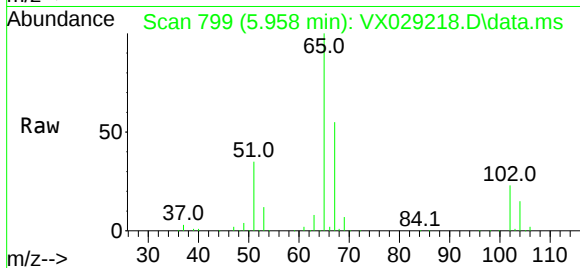
03BR-20220601

Tgt Ion: 65 Resp: 216264

Ion Ratio Lower Upper

65 100

67 52.6 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: VX029218.D

Acq: 04 Jun 2022 02:30

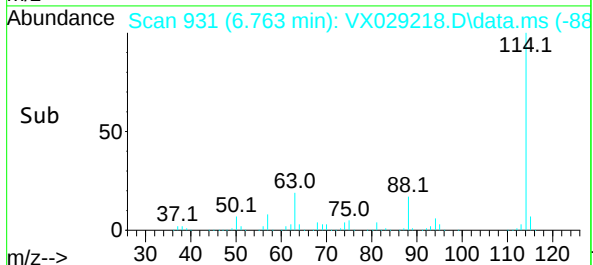
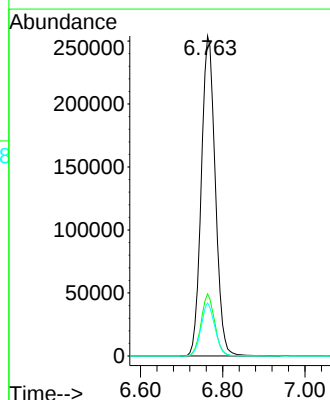
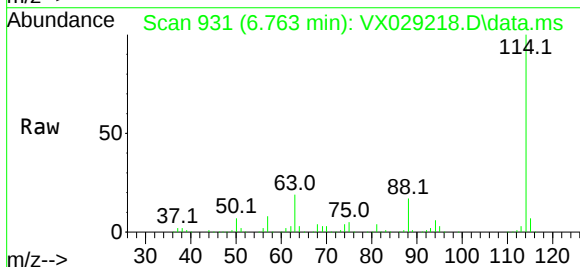
Tgt Ion: 114 Resp: 599746

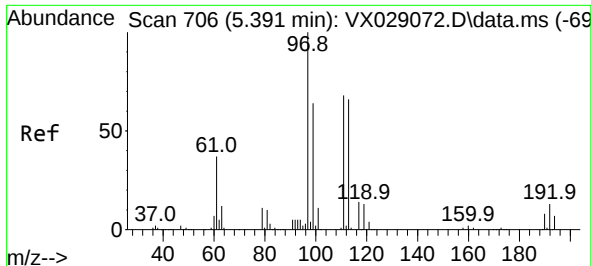
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 16.5 0.0 32.4

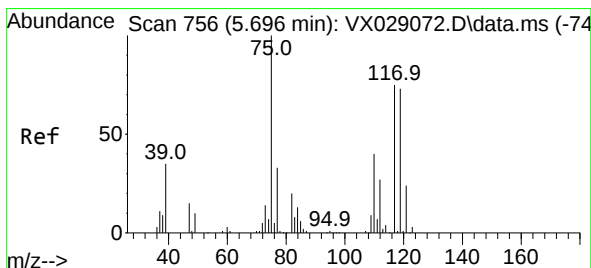
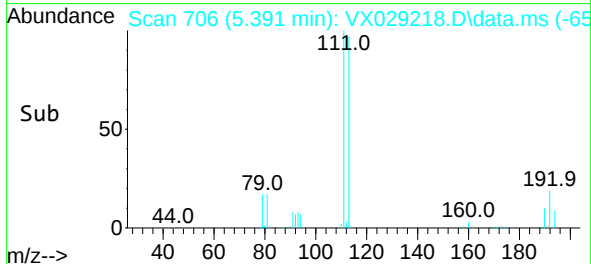
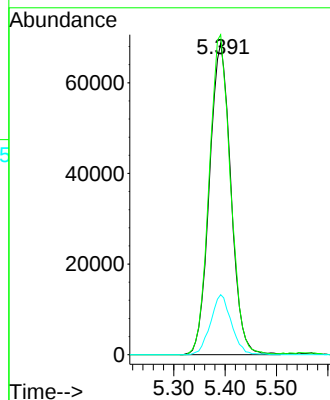
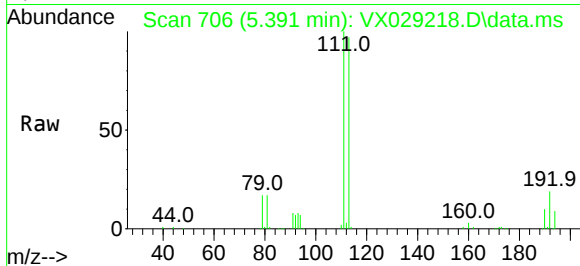




#35
Dibromofluoromethane
Concen: 49.812 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029218.D
Acq: 04 Jun 2022 02:30

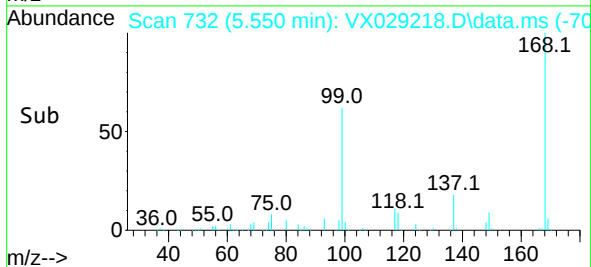
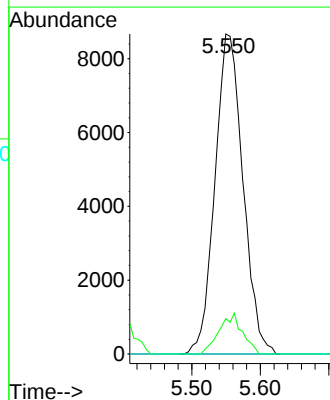
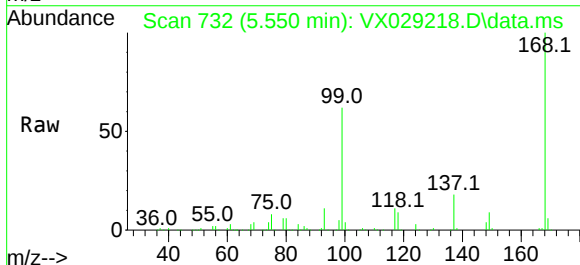
Instrument :
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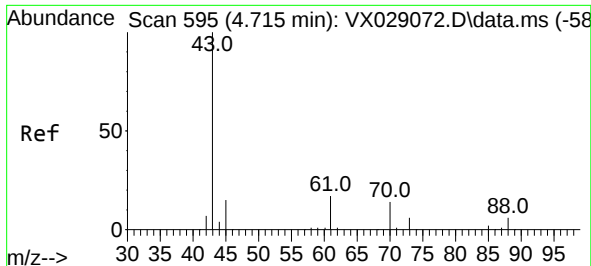
Tgt Ion:113 Resp: 198434
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 18.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.789 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX029218.D
Acq: 04 Jun 2022 02:30

Tgt Ion: 75 Resp: 24548
Ion Ratio Lower Upper
75 100
110 10.6 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.417 ug/l

RT: 4.739 min Scan# 595

Delta R.T. 0.024 min

Lab File: VX029218.D

Acq: 04 Jun 2022 02:30

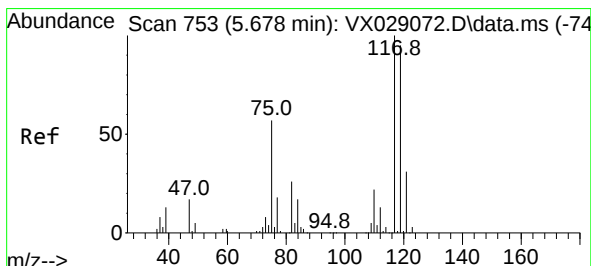
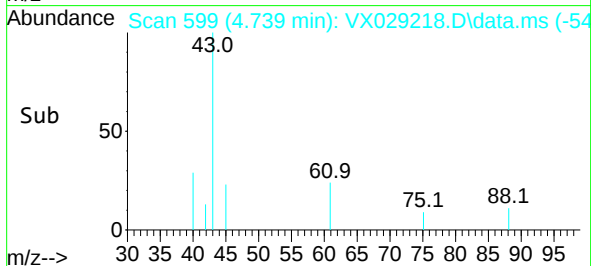
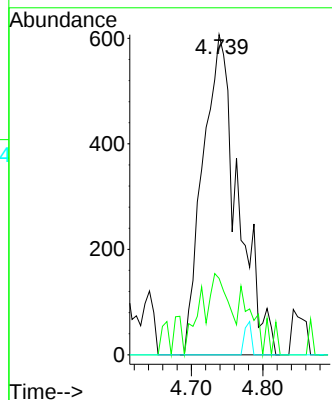
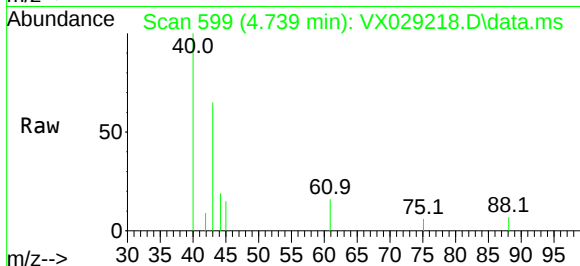
Instrument :

MSVOA_X

ClientSampleId :

03BR-20220601

Tgt Ion: 43	Resp:	2070
Ion	Ratio	Lower Upper
43	100	
61	13.6	12.6 19.0
70	0.0	10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.777 ug/l

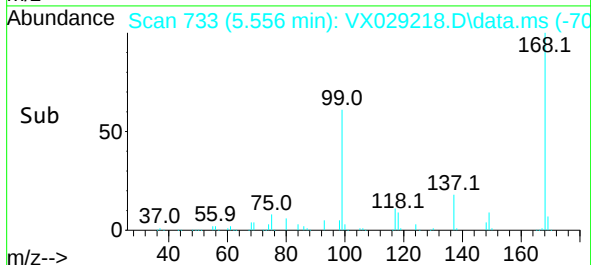
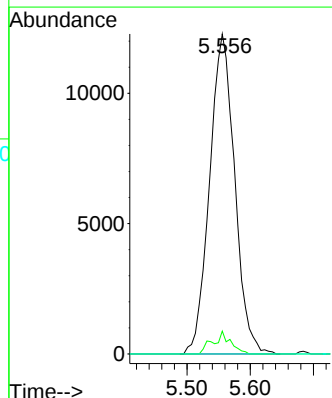
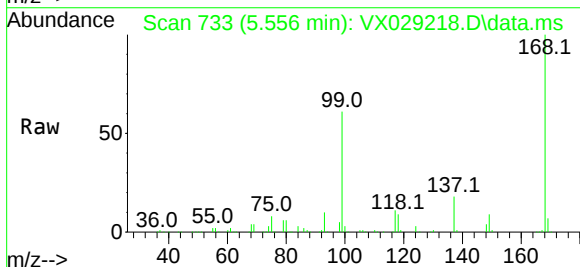
RT: 5.556 min Scan# 733

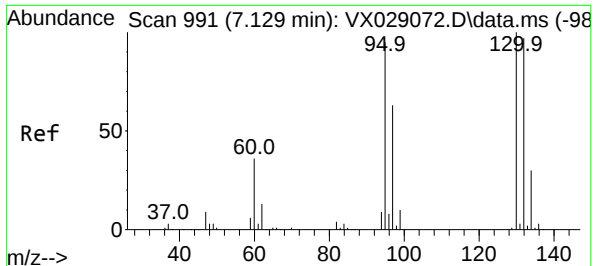
Delta R.T. -0.122 min

Lab File: VX029218.D

Acq: 04 Jun 2022 02:30

Tgt Ion: 117	Resp:	33842
Ion	Ratio	Lower Upper
117	100	
119	7.2	77.3 115.9#
121	0.0	24.2 36.2#

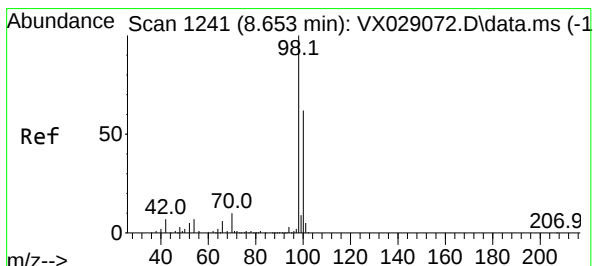
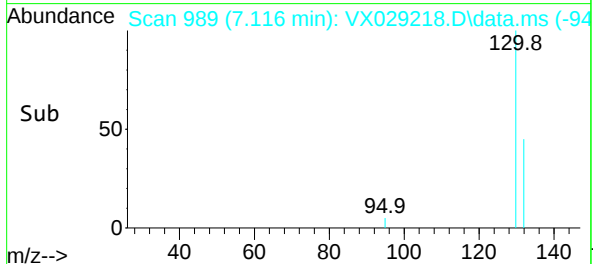
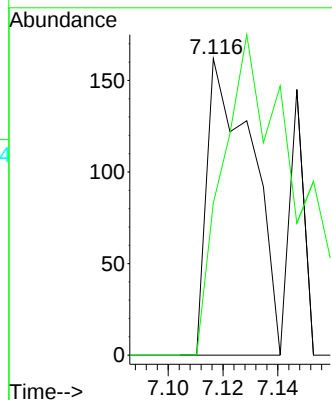
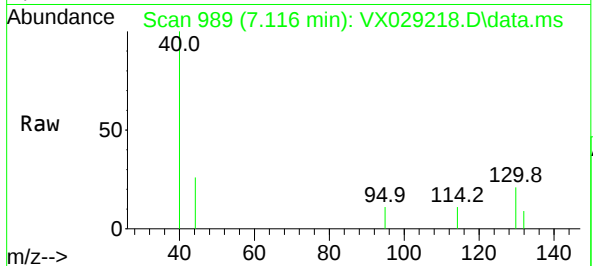




#44
Trichloroethene
Concen: Below Cal
RT: 7.116 min Scan# 91
Delta R.T. -0.013 min
Lab File: VX029218.D
Acq: 04 Jun 2022 02:30

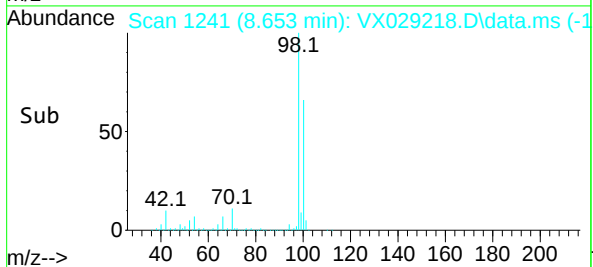
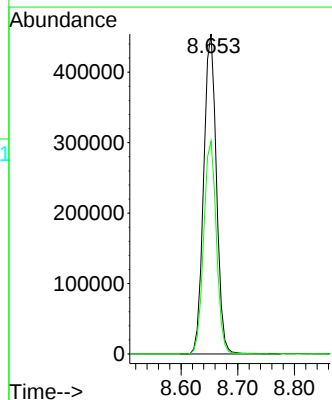
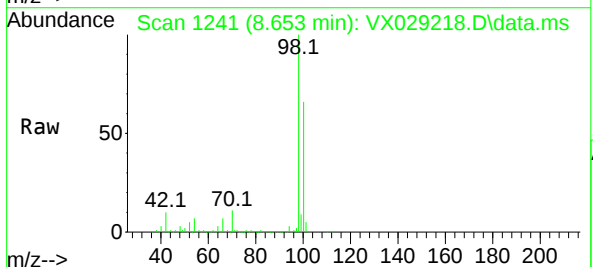
Instrument :
MSVOA_X
ClientSampleId :
03BR-20220601

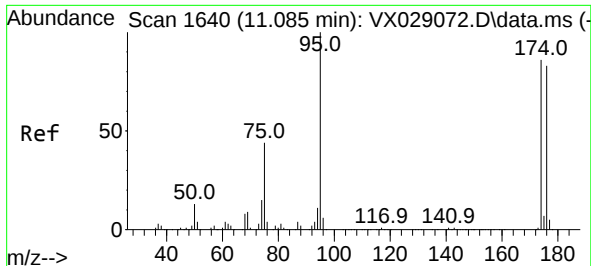
Tgt Ion:130 Resp: 184
Ion Ratio Lower Upper
130 100
95 51.2 0.0 188.8



#50
Toluene-d8
Concen: 48.854 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029218.D
Acq: 04 Jun 2022 02:30

Tgt Ion: 98 Resp: 711795
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

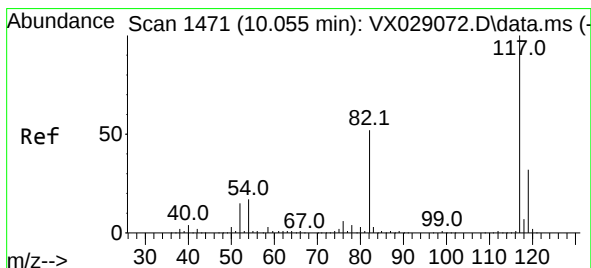
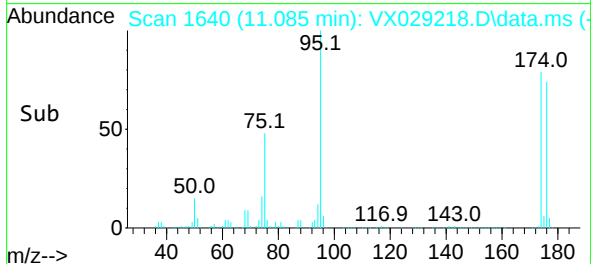
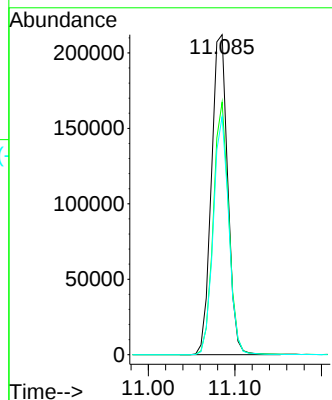
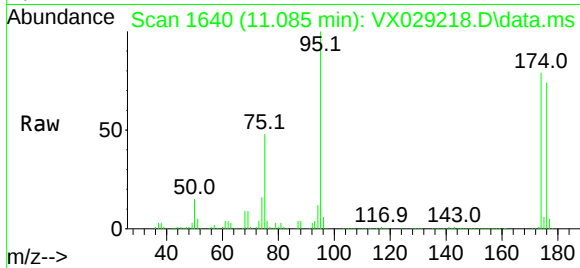




#62
4-Bromofluorobenzene
Concen: 49.330 ug/l
RT: 11.085 min Scan# 110
Delta R.T. 0.000 min
Lab File: VX029218.D
Acq: 04 Jun 2022 02:30

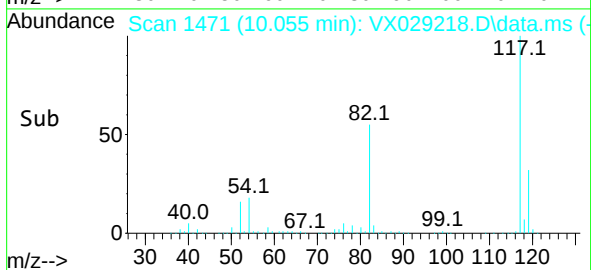
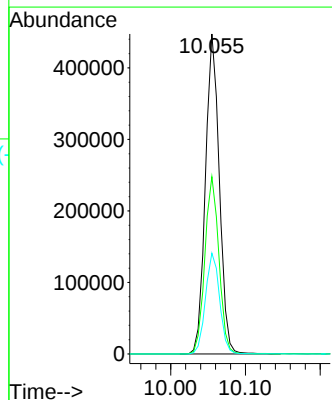
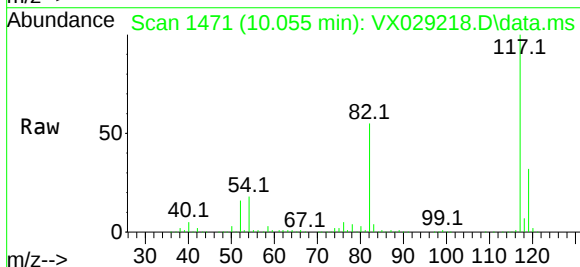
Instrument :
MSVOA_X
ClientSampleId :
03BR-20220601

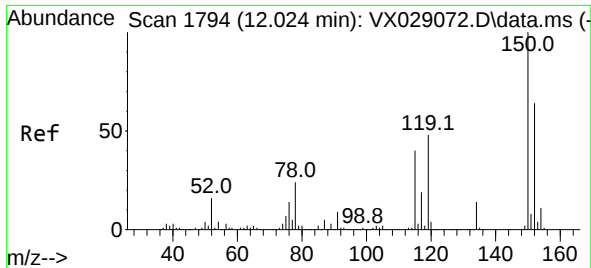
Tgt Ion: 95 Resp: 277829
Ion Ratio Lower Upper
95 100
174 74.6 0.0 163.0
176 70.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029218.D
Acq: 04 Jun 2022 02:30

Tgt Ion: 117 Resp: 578487
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 31.5 24.8 37.2

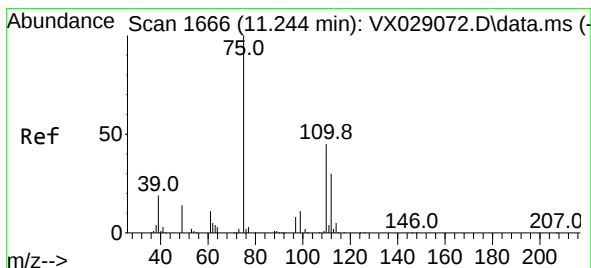
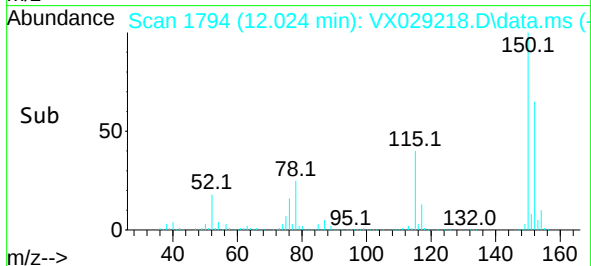
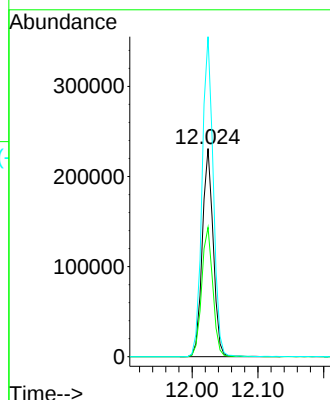
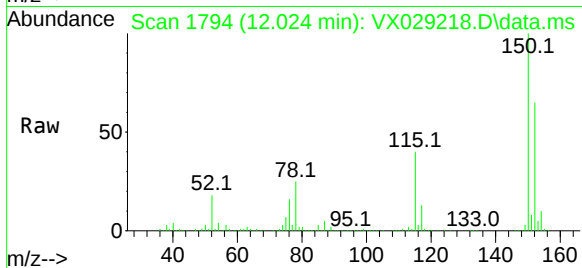




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029218.D
 Acq: 04 Jun 2022 02:30

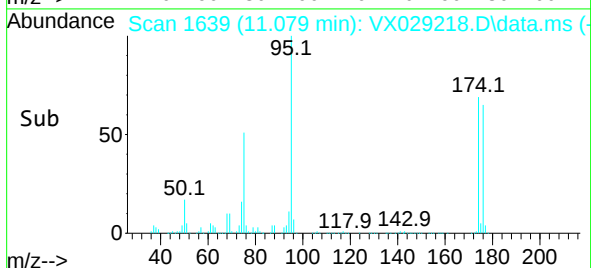
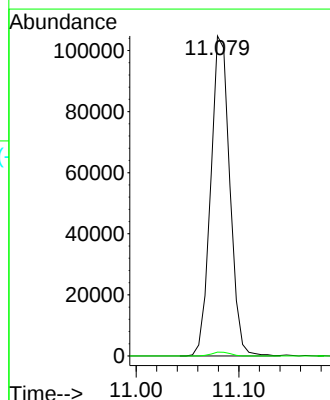
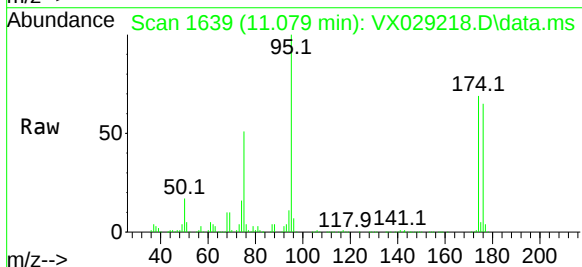
Instrument :
 MSVOA_X
 ClientSampleId :
 03BR-20220601

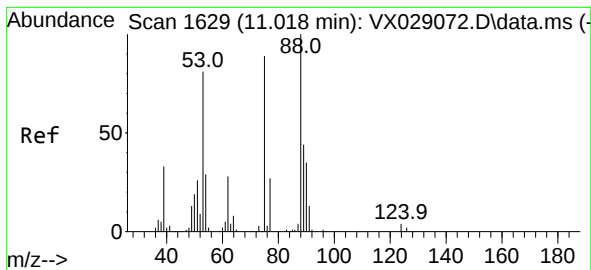
Tgt Ion:152 Resp: 267028
 Ion Ratio Lower Upper
 152 100
 115 63.3 37.5 112.7
 150 156.6 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.984 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029218.D
 Acq: 04 Jun 2022 02:30

Tgt Ion: 75 Resp: 135239
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.297 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029218.D
 Acq: 04 Jun 2022 02:30

Instrument :
 MSVOA_X
 ClientSampleId :
 03BR-20220601

Tgt Ion: 75 Resp: 135239
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

