

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029155.D
 Acq On : 02 Jun 2022 23:19
 Operator : JC/MD
 Sample : N3164-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 17BR-20220531

Quant Time: Jun 03 04:35:28 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)

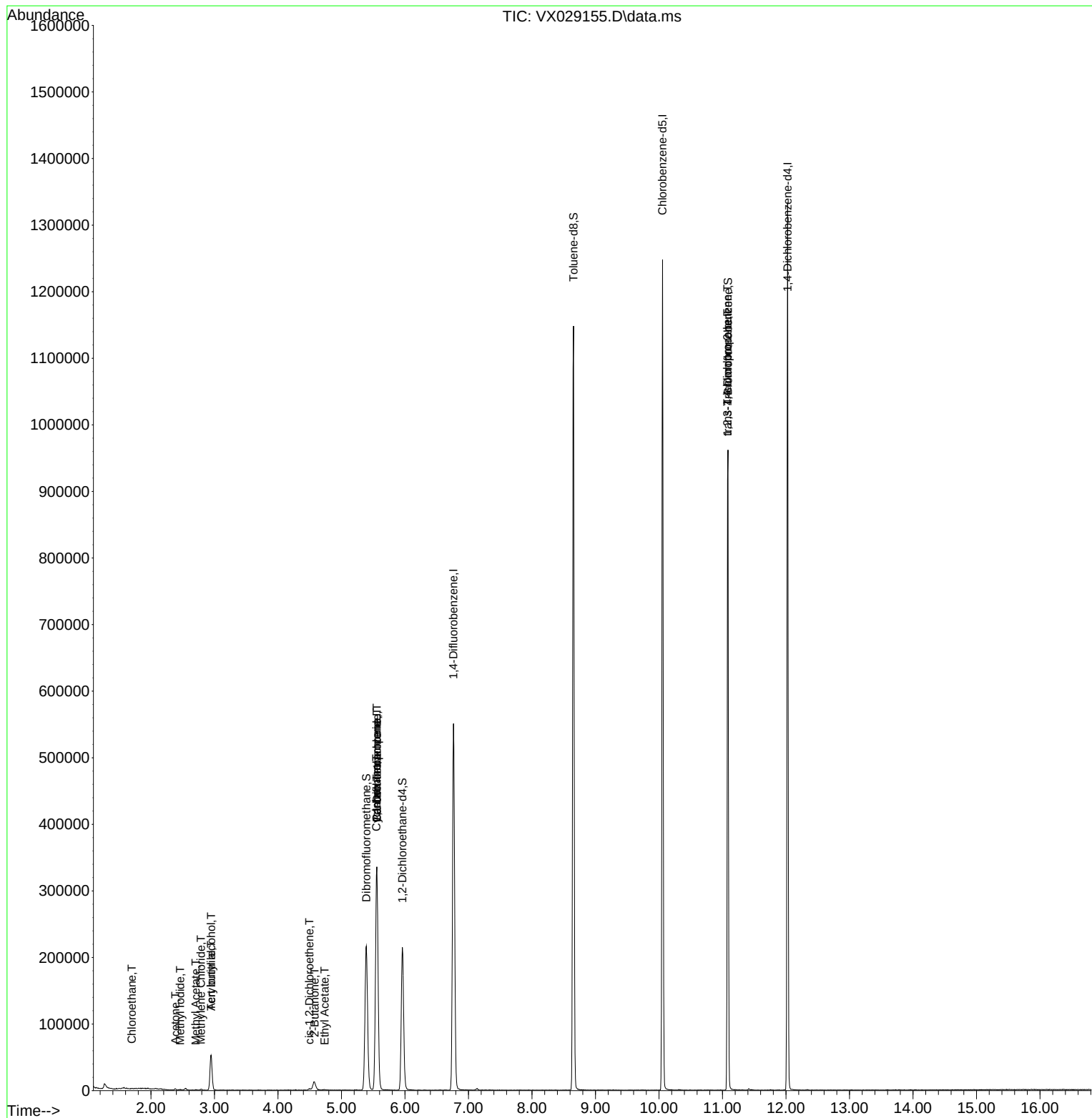
Internal Standards						
1) Pentafluorobenzene	5.556	168	314999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	585280	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	567252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	261700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	205379	57.820	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	115.640%
35) Dibromofluoromethane	5.391	113	194267	49.971	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.940%
50) Toluene-d8	8.653	98	693504	48.775	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.560%
62) 4-Bromofluorobenzene	11.085	95	274079	49.867	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.740%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	728	Below Cal		90
6) Chloroethane	1.697	64	267	1.499	ug/l #	43
10) Methyl Iodide	2.459	142	807	4.435	ug/l #	86
11) Tert butyl alcohol	2.947	59	30840	37.479	ug/l #	76
15) Acrylonitrile	2.947	53	505	0.298	ug/l #	18
16) Acetone	2.386	43	2071	1.481	ug/l #	86
18) Methyl Acetate	2.703	43	950	0.263	ug/l #	72
20) Methylene Chloride	2.788	84	729	0.224	ug/l #	93
25) 2-Butanone	4.574	43	871	0.386	ug/l #	44
27) cis-1,2-Dichloroethene	4.495	96	1311	0.343	ug/l	89
31) Cyclohexane	5.550	56	5907	1.279	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24424	4.883	ug/l #	49
37) Ethyl Acetate	4.733	43	1219	0.251	ug/l #	86
38) Carbon Tetrachloride	5.556	117	33148	5.799	ug/l #	15
44) Trichloroethene	7.141	130	955	Below Cal		83
76) 1,2,3-Trichloropropane	11.079	75	133080	25.085	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	133080	73.595	ug/l #	15
94) Hexachlorobutadiene	13.725	225	122	Below Cal	#	37

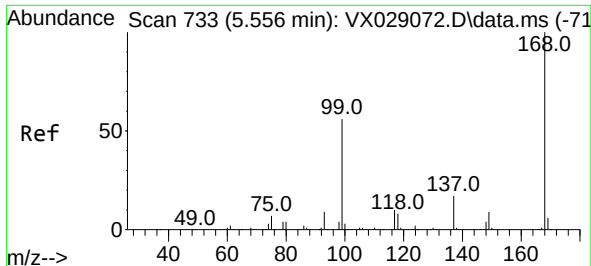
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

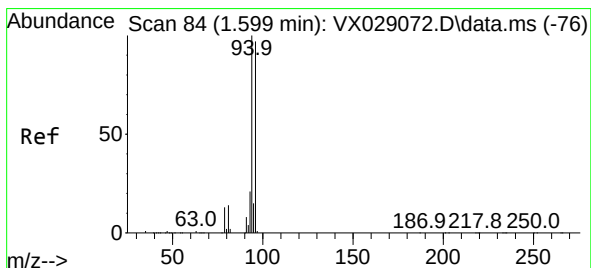
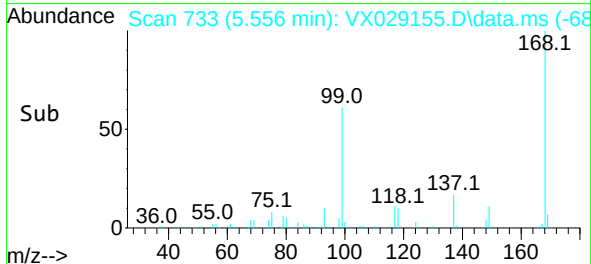
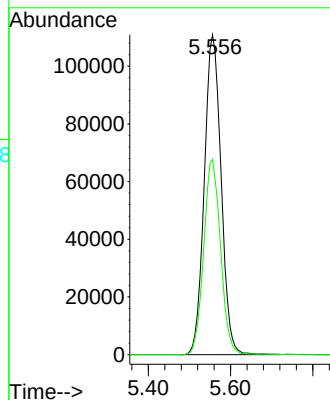
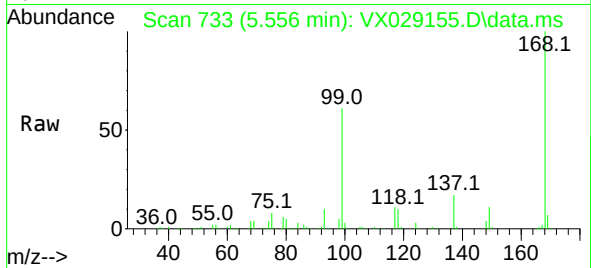




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

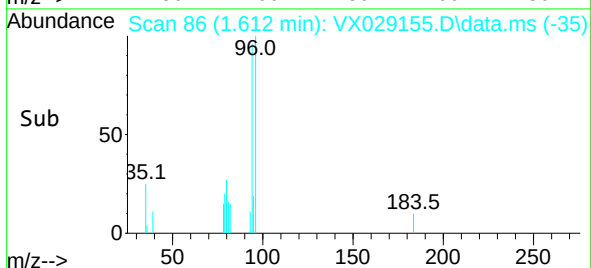
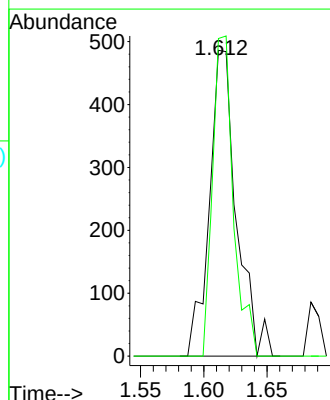
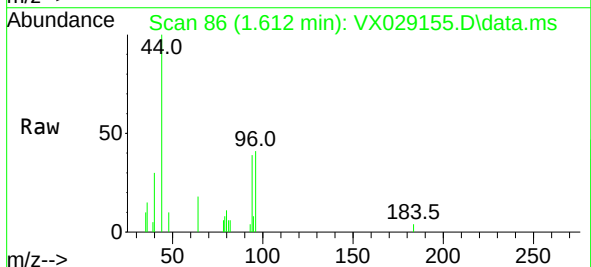
Instrument :
MSVOA_X
ClientSampleId :
17BR-20220531

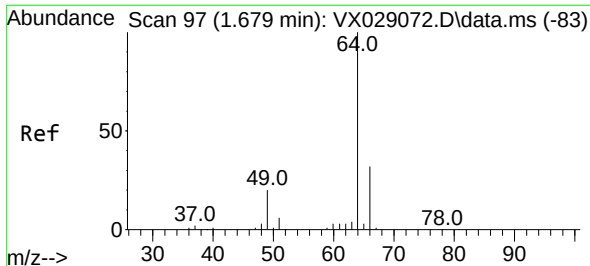
Tgt Ion:168 Resp: 314999
Ion Ratio Lower Upper
168 100
99 61.0 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

Tgt Ion: 94 Resp: 728
Ion Ratio Lower Upper
94 100
96 103.9 75.3 112.9

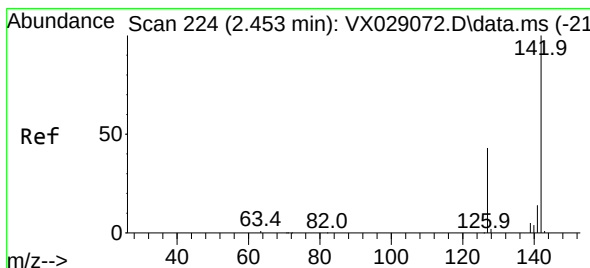
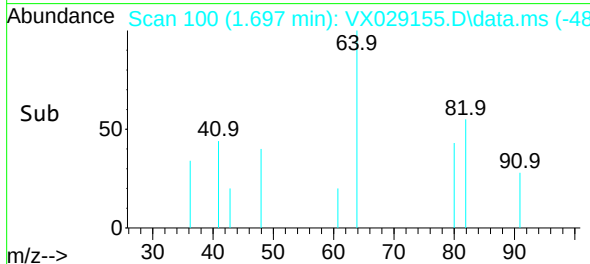
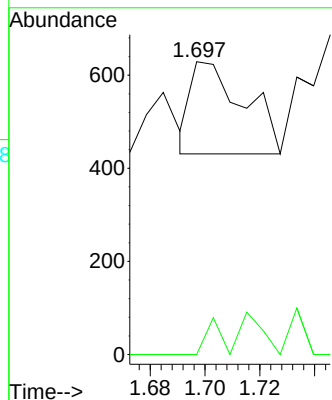
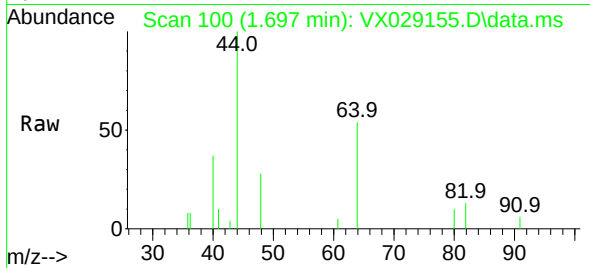




#6
Chloroethane
Concen: 1.499 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

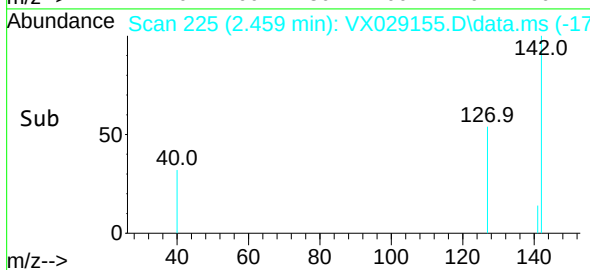
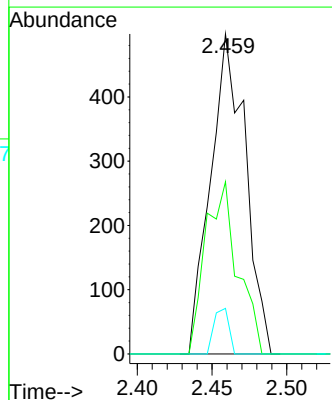
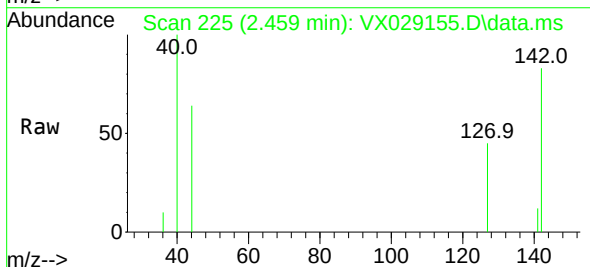
Instrument :
MSVOA_X
ClientSampleId :
17BR-20220531

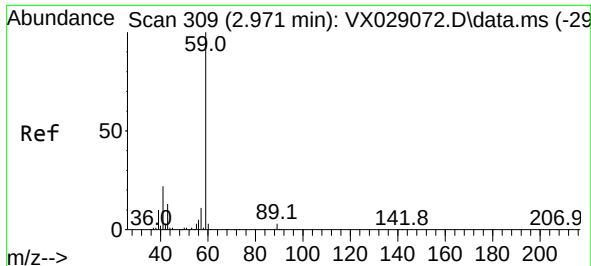
Tgt Ion: 64 Resp: 267
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.435 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

Tgt Ion: 142 Resp: 807
Ion Ratio Lower Upper
142 100
127 49.8 33.9 50.9
141 6.1 11.4 17.2#

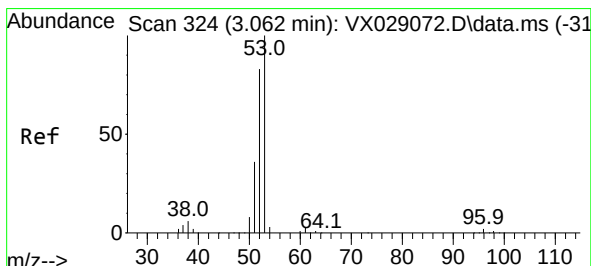
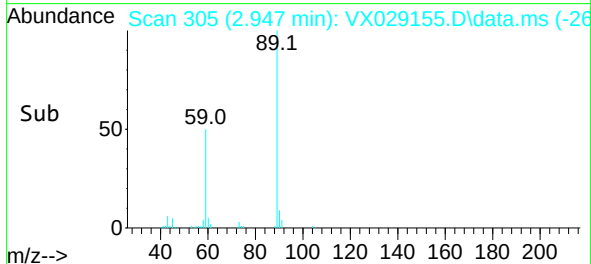
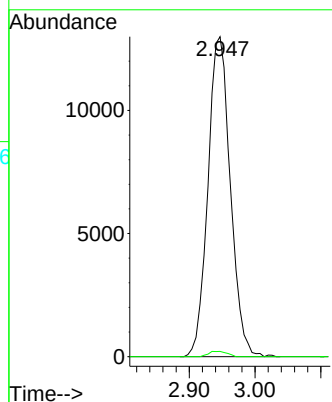
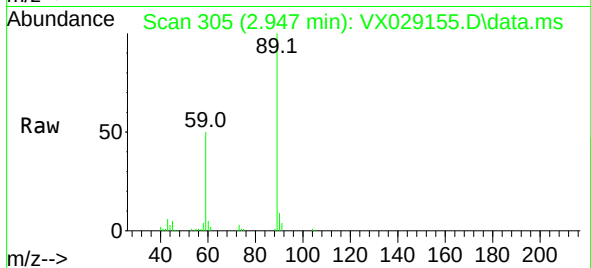




#11
Tert butyl alcohol
Concen: 37.479 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

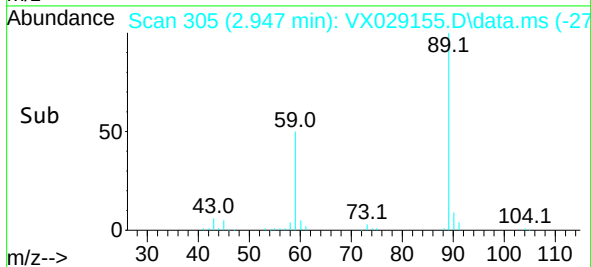
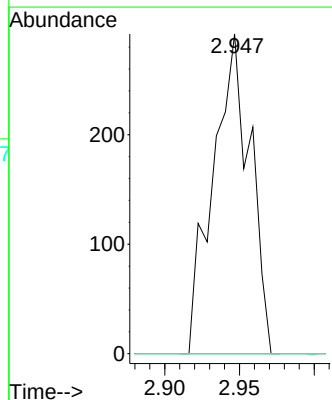
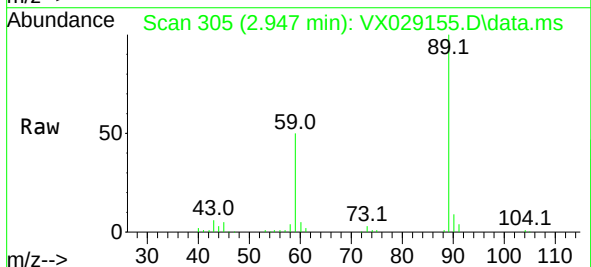
Instrument :
MSVOA_X
ClientSampleId :
17BR-20220531

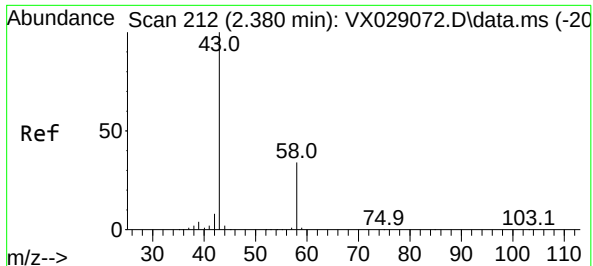
Tgt Ion: 59 Resp: 30840
Ion Ratio Lower Upper
59 100
57 1.4 8.3 12.5#



#15
Acrylonitrile
Concen: 0.298 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.115 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

Tgt Ion: 53 Resp: 505
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 0.0 28.4 42.6#

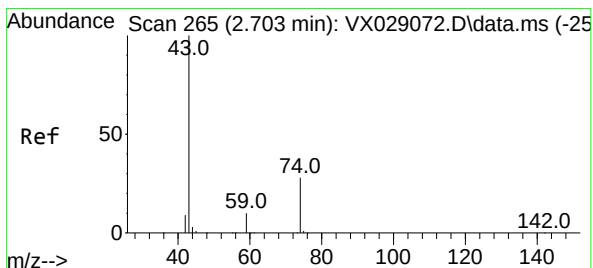
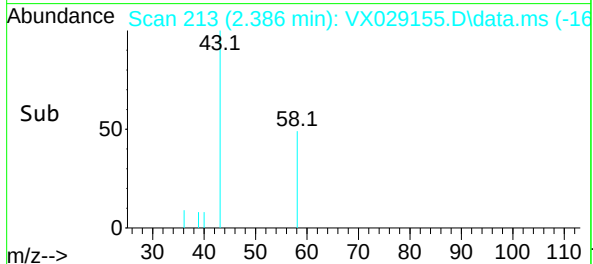
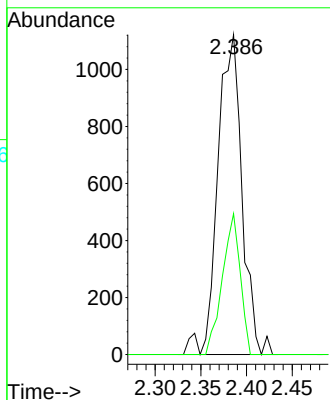
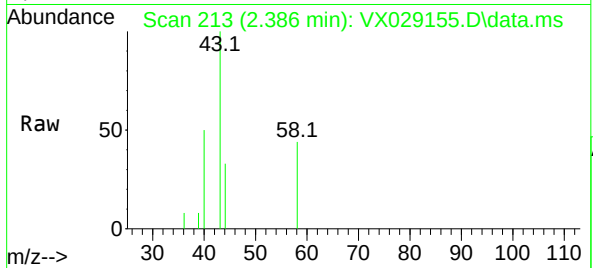




#16
Acetone
Concen: 1.481 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

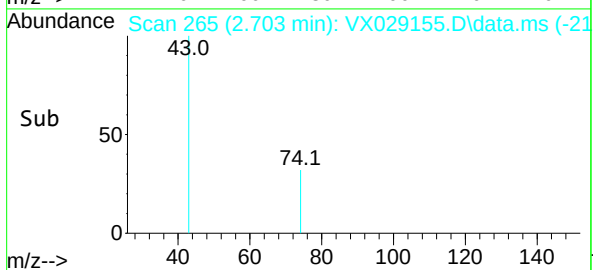
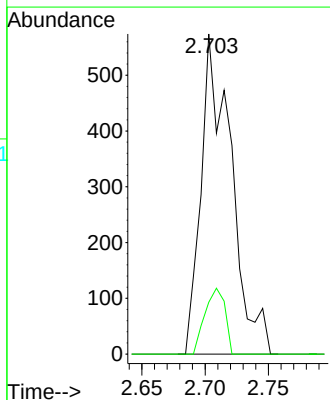
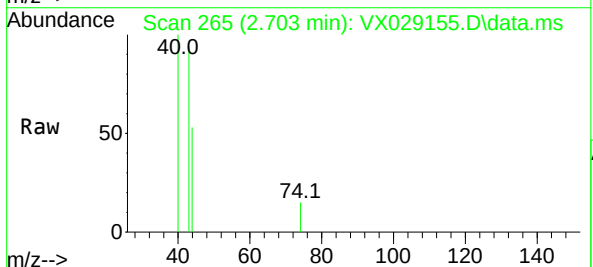
Instrument :
MSVOA_X
ClientSampleId :
17BR-20220531

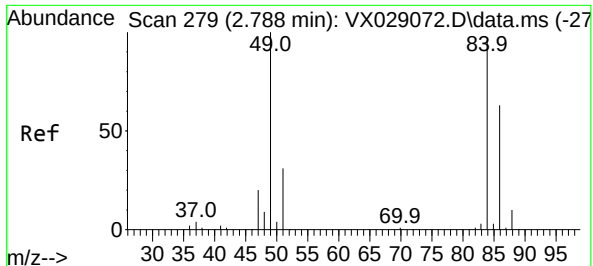
Tgt Ion: 43 Resp: 2071
Ion Ratio Lower Upper
43 100
58 44.0 28.8 43.2#



#18
Methyl Acetate
Concen: 0.263 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

Tgt Ion: 43 Resp: 950
Ion Ratio Lower Upper
43 100
74 13.8 22.8 34.2#





#20

Methylene Chloride

Concen: 0.224 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX029155.D

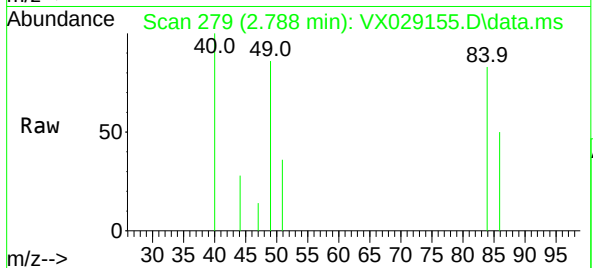
Acq: 02 Jun 2022 23:19

Instrument :

MSVOA_X

ClientSampleId :

17BR-20220531



Tgt Ion: 84 Resp: 729

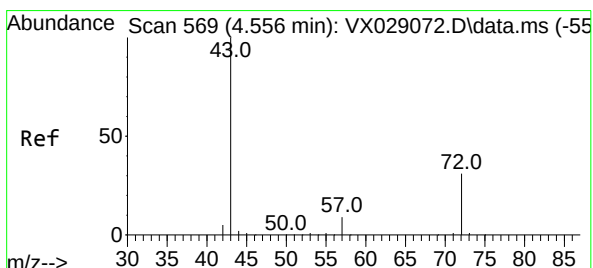
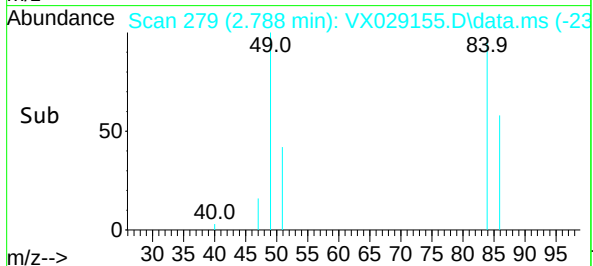
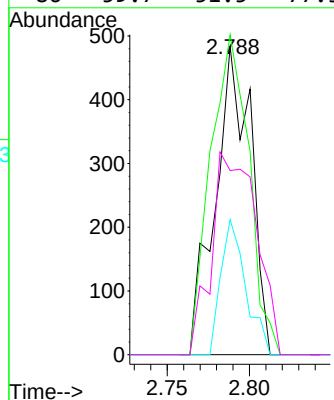
Ion Ratio Lower Upper

84 100

49 103.7 85.5 128.3

51 43.8 26.6 39.8#

86 59.7 51.5 77.3



#25

2-Butanone

Concen: 0.386 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.018 min

Lab File: VX029155.D

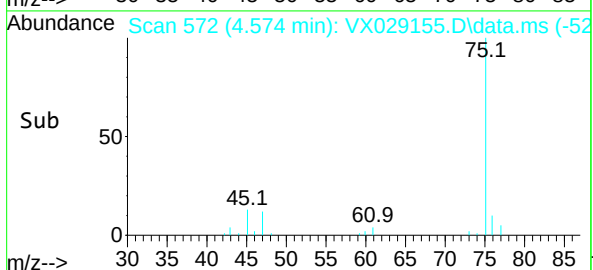
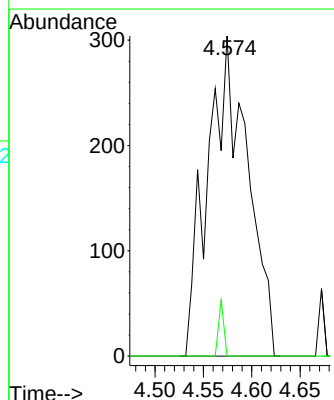
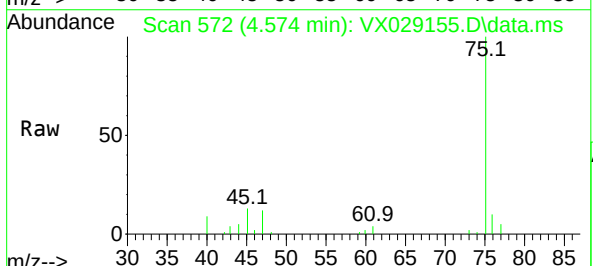
Acq: 02 Jun 2022 23:19

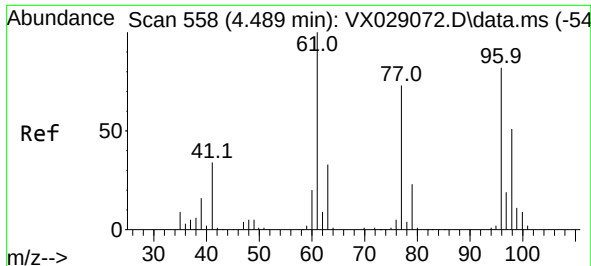
Tgt Ion: 43 Resp: 871

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



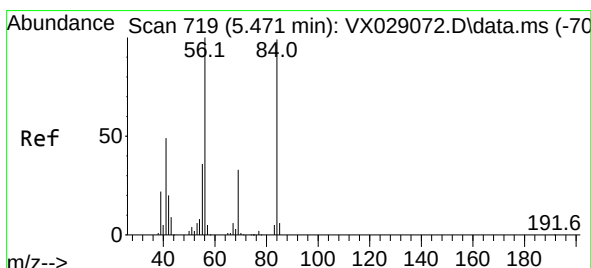
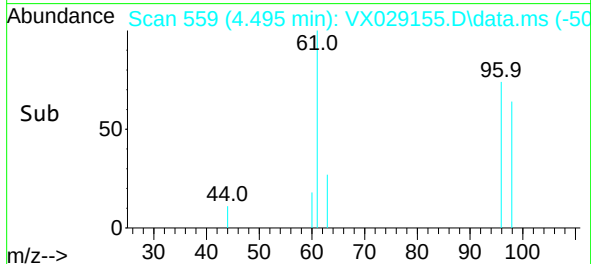
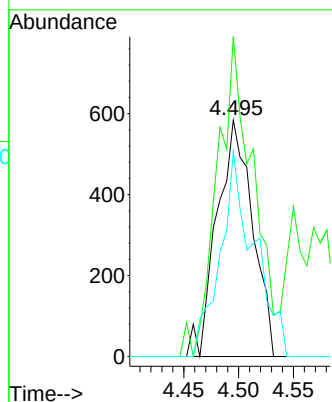
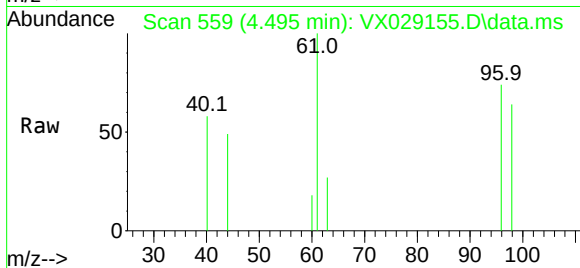


#27
 cis-1,2-Dichloroethene
 Concen: 0.343 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX029155.D
 Acq: 02 Jun 2022 23:19

Instrument :
 MSVOA_X
 ClientSampleId :
 17BR-20220531

Tgt Ion: 96 Resp: 1311

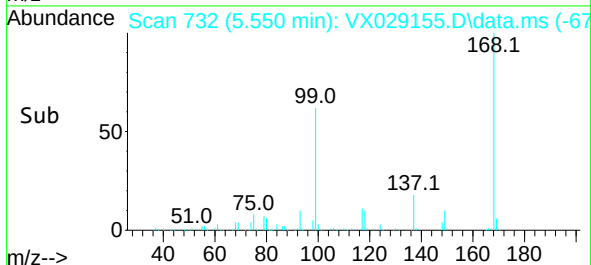
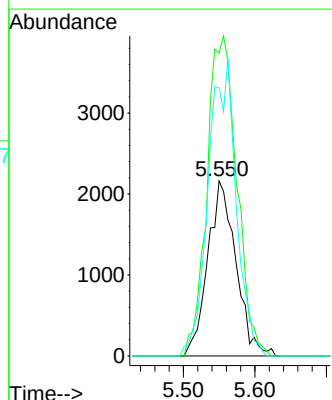
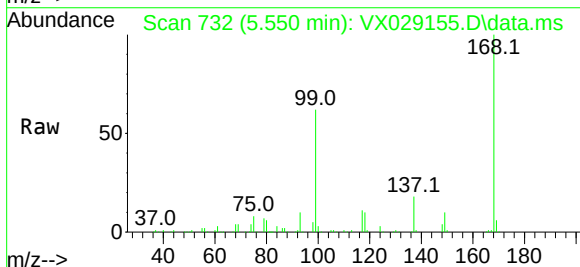
Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	283.8
98	83.2	0.0	129.8

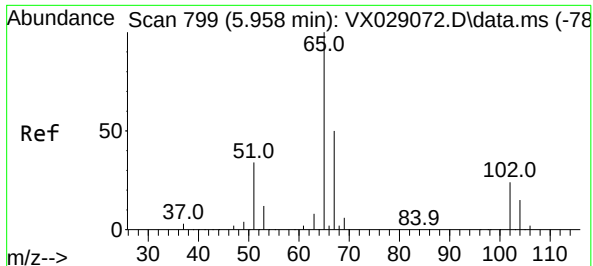


#31
 Cyclohexane
 Concen: 1.279 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.079 min
 Lab File: VX029155.D
 Acq: 02 Jun 2022 23:19

Tgt Ion: 56 Resp: 5907

Ion	Ratio	Lower	Upper
56	100		
69	173.1	26.7	40.1#
84	153.3	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 57.820 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029155.D

Acq: 02 Jun 2022 23:19

Instrument :

MSVOA_X

ClientSampleId :

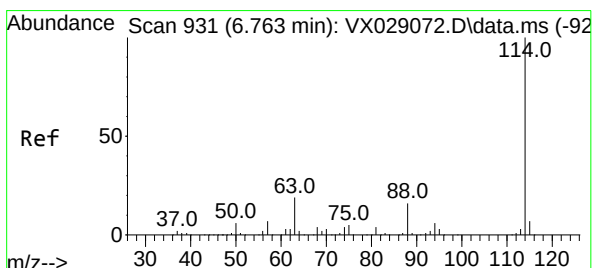
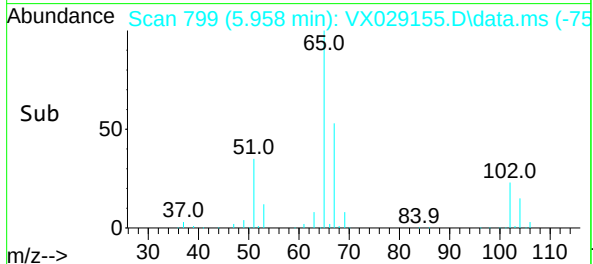
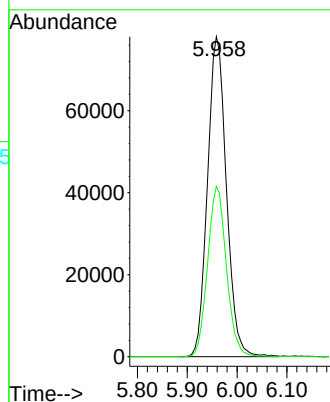
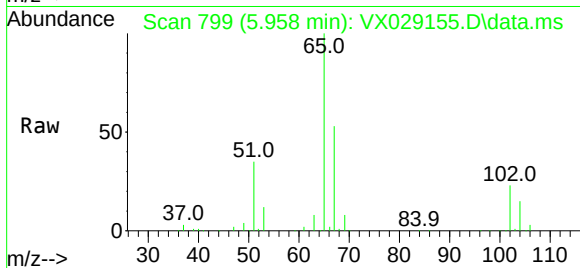
17BR-20220531

Tgt Ion: 65 Resp: 205379

Ion Ratio Lower Upper

65 100

67 53.0 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: VX029155.D

Acq: 02 Jun 2022 23:19

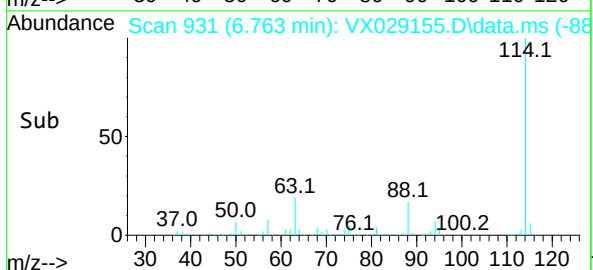
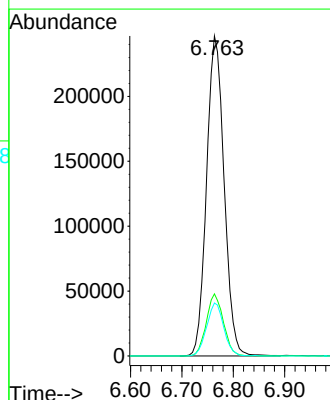
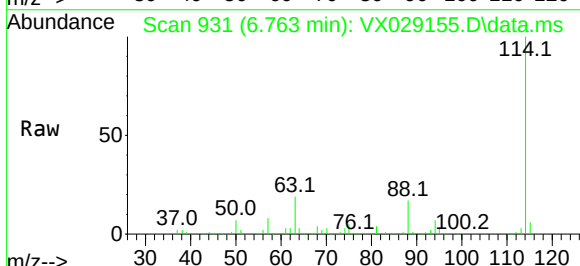
Tgt Ion: 114 Resp: 585280

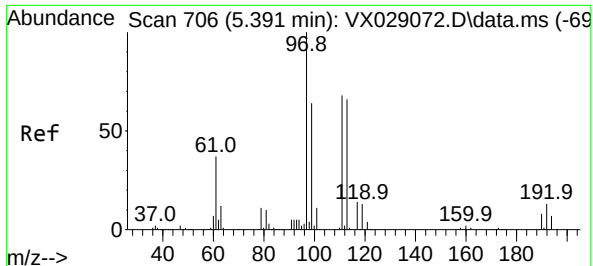
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 16.6 0.0 32.4

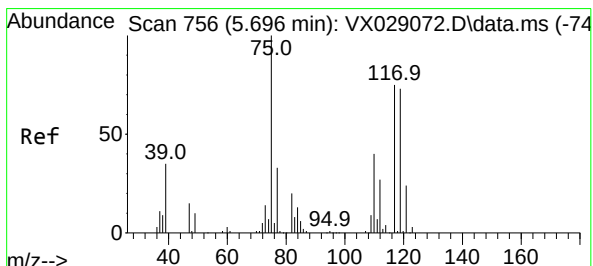
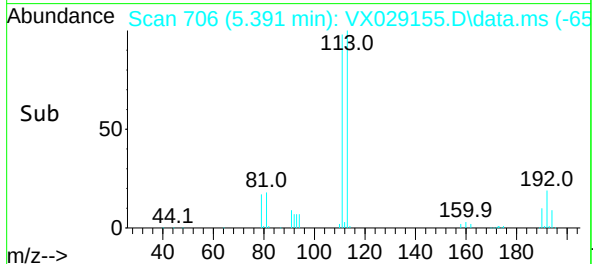
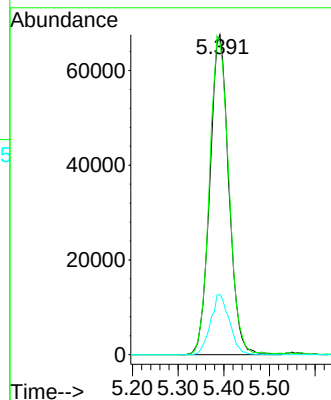
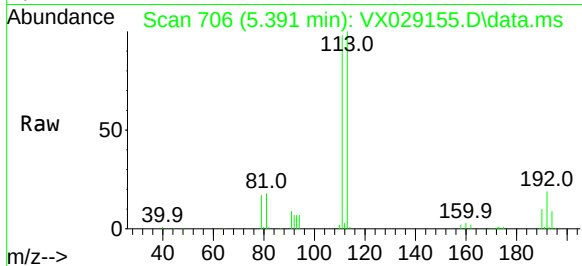




#35
Dibromofluoromethane
Concen: 49.971 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

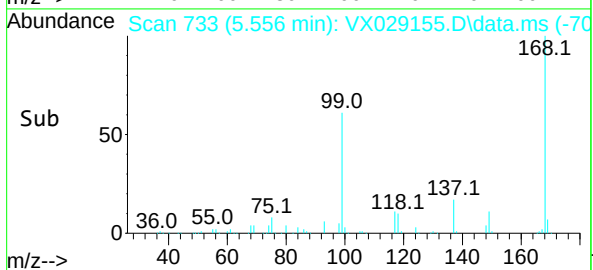
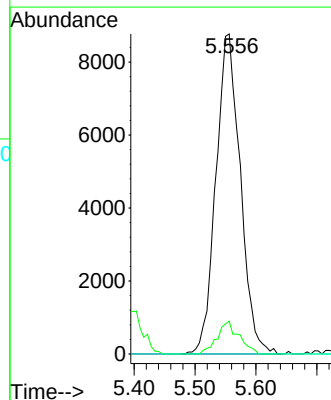
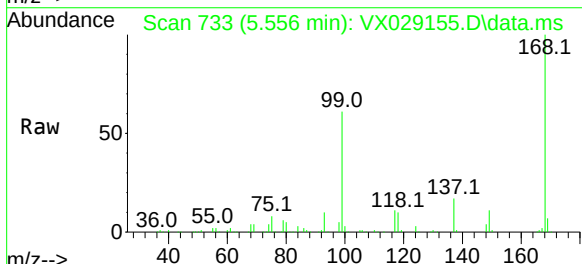
Instrument :
MSVOA_X
ClientSampleId :
17BR-20220531

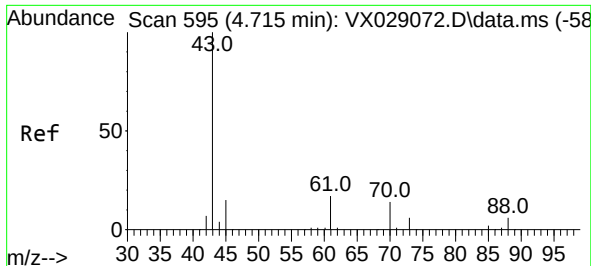
Tgt Ion:113 Resp: 194267
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 18.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.883 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

Tgt Ion: 75 Resp: 24424
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.251 ug/l

RT: 4.733 min Scan# 595

Delta R.T. 0.018 min

Lab File: VX029155.D

Acq: 02 Jun 2022 23:19

Instrument :

MSVOA_X

ClientSampleId :

17BR-20220531

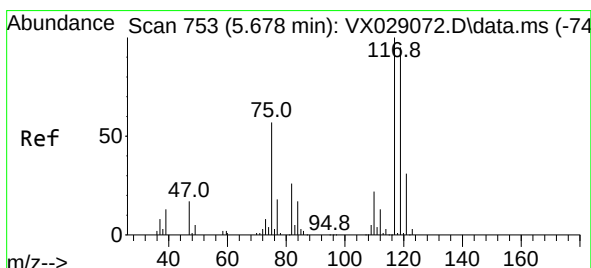
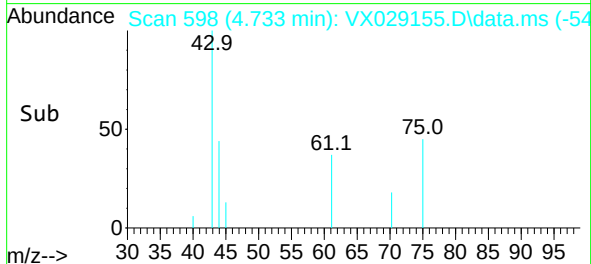
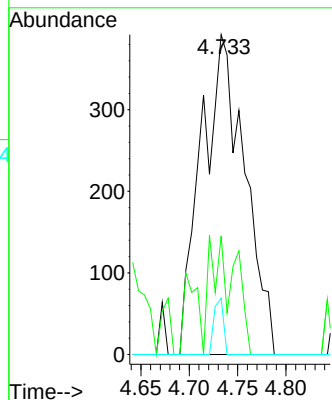
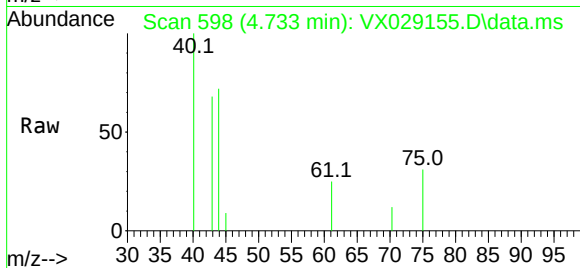
Tgt Ion: 43 Resp: 1219

Ion Ratio Lower Upper

43 100

61 12.6 12.6 19.0#

70 3.9 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.799 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX029155.D

Acq: 02 Jun 2022 23:19

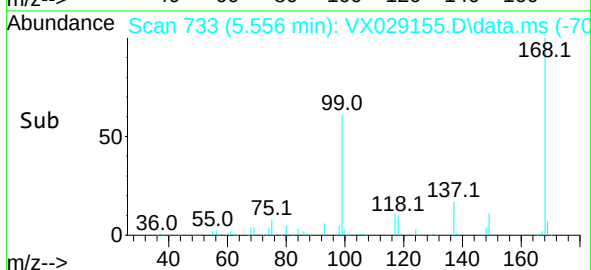
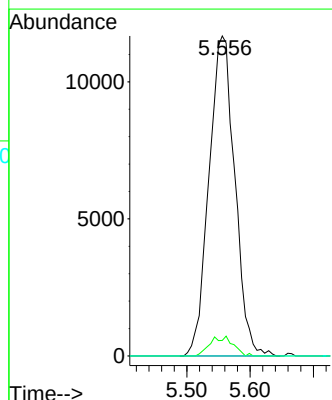
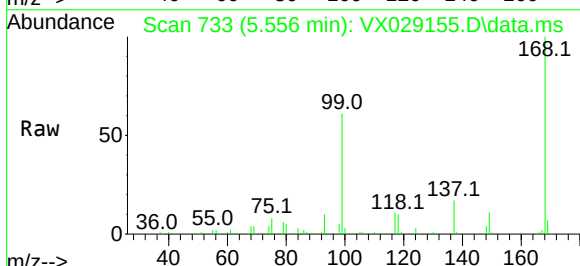
Tgt Ion: 117 Resp: 33148

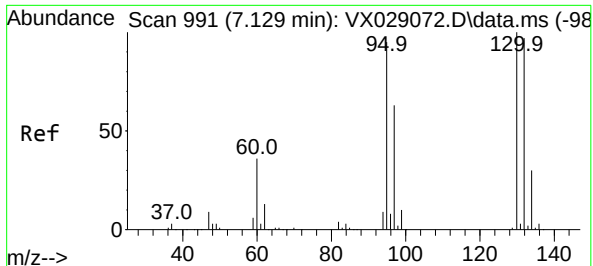
Ion Ratio Lower Upper

117 100

119 4.8 77.3 115.9#

121 0.0 24.2 36.2#

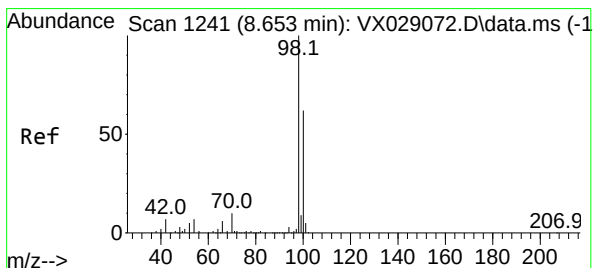
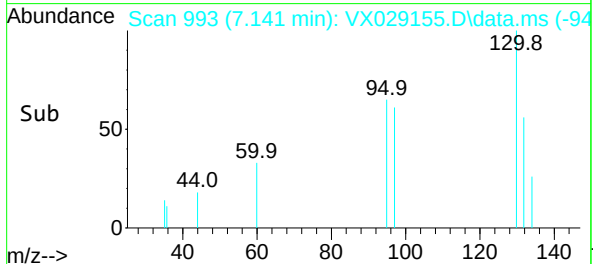
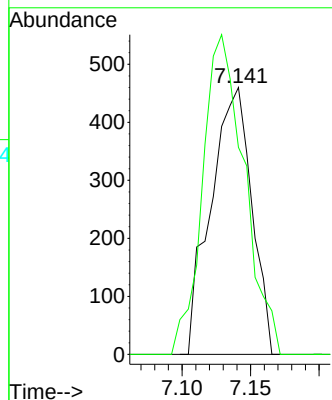
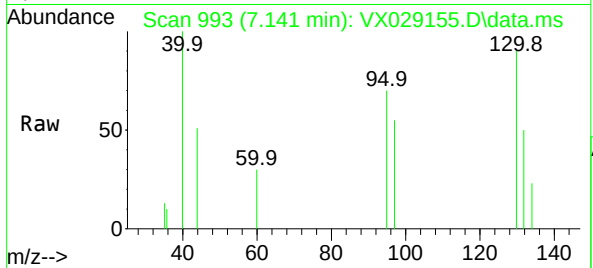




#44
Trichloroethene
Concen: Below Cal
RT: 7.141 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

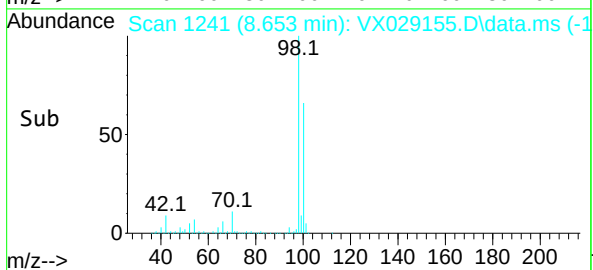
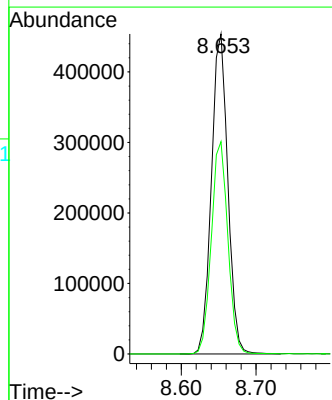
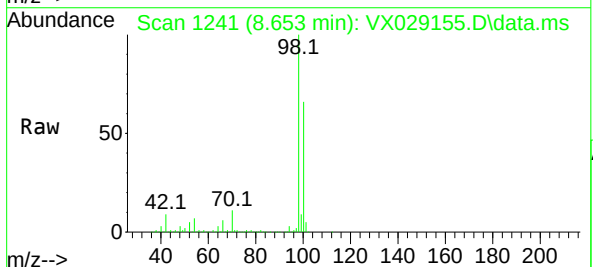
Instrument :
MSVOA_X
ClientSampleId :
17BR-20220531

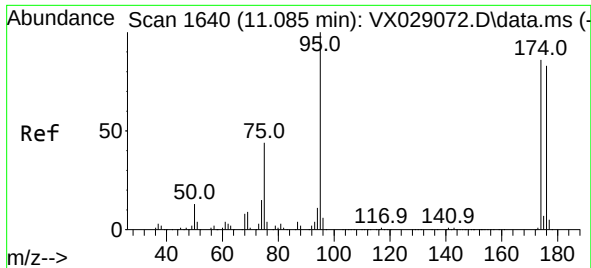
Tgt Ion:130 Resp: 955
Ion Ratio Lower Upper
130 100
95 77.6 0.0 188.8



#50
Toluene-d8
Concen: 48.775 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

Tgt Ion: 98 Resp: 693504
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8

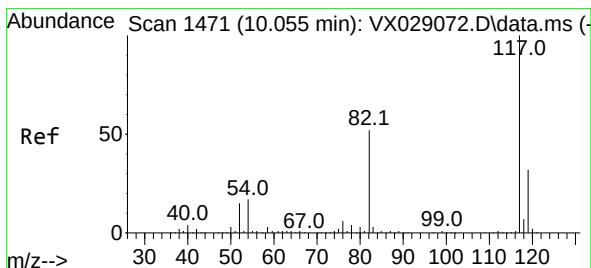
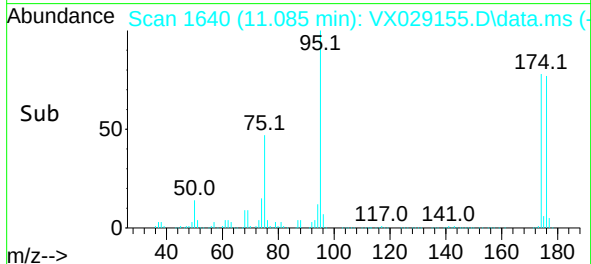
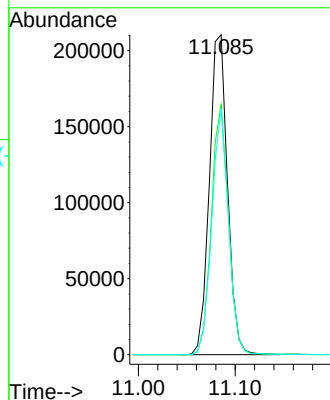
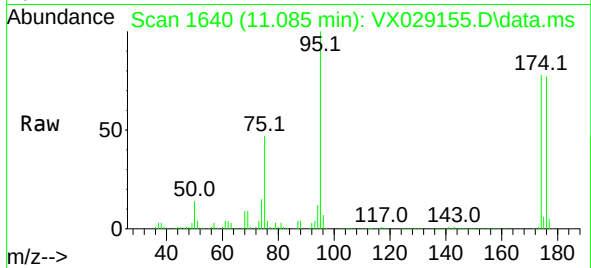




#62
4-Bromofluorobenzene
Concen: 49.867 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

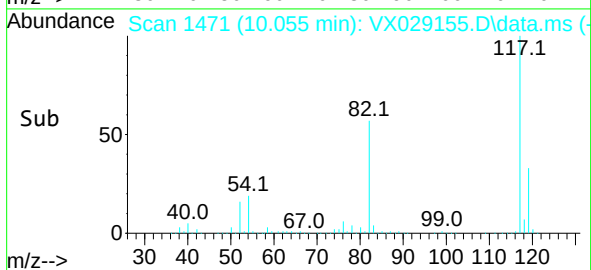
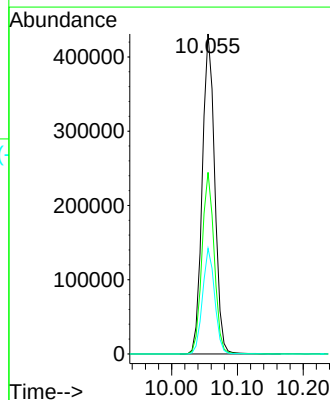
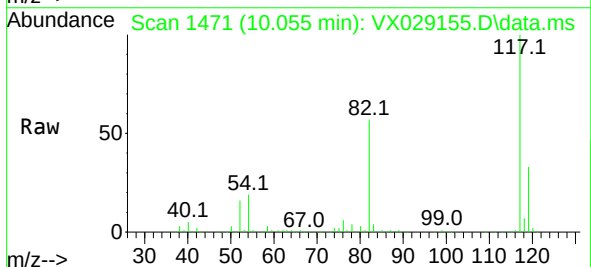
Instrument :
MSVOA_X
ClientSampleId :
17BR-20220531

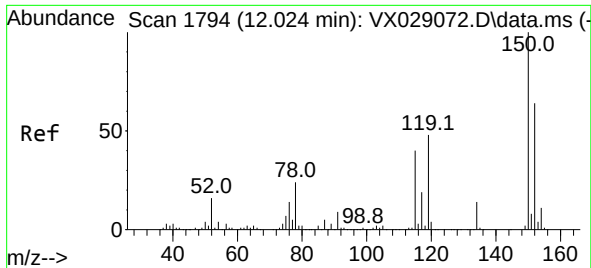
Tgt Ion: 95 Resp: 274079
Ion Ratio Lower Upper
95 100
174 73.8 0.0 163.0
176 71.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

Tgt Ion: 117 Resp: 567252
Ion Ratio Lower Upper
117 100
82 56.7 41.8 62.8
119 33.0 24.8 37.2

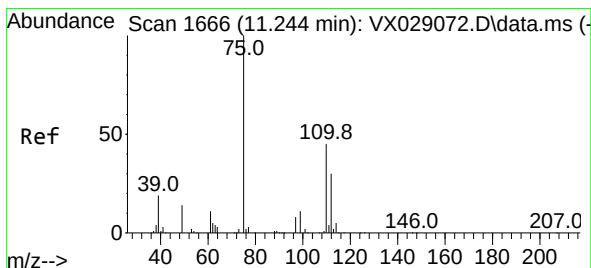
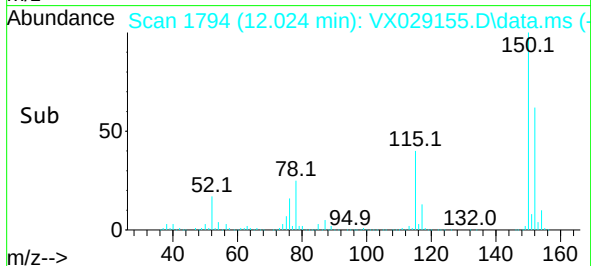
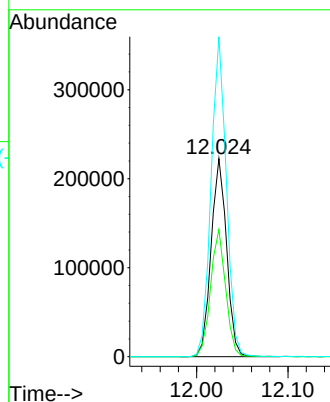
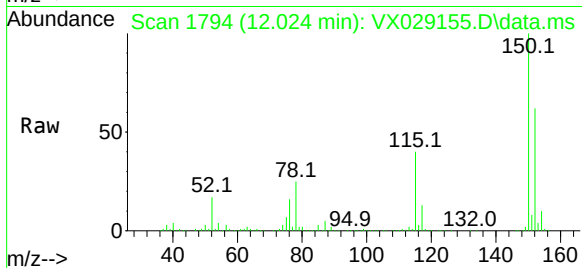




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

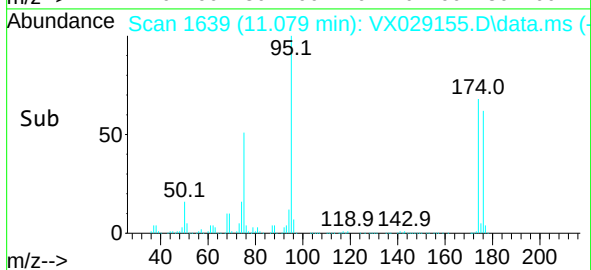
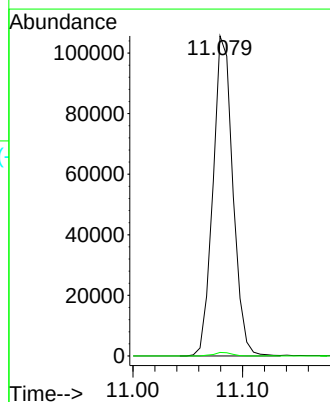
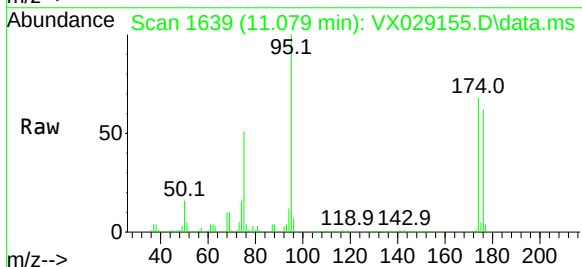
Instrument :
MSVOA_X
ClientSampleId :
17BR-20220531

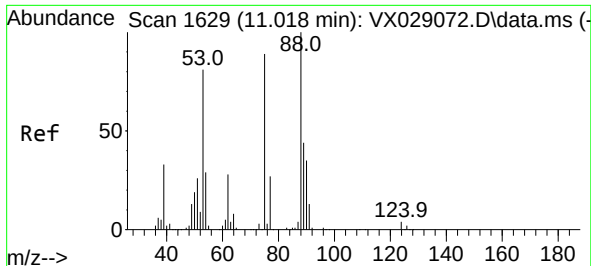
Tgt Ion:152 Resp: 261700
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 158.7 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 25.085 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

Tgt Ion: 75 Resp: 133080
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#

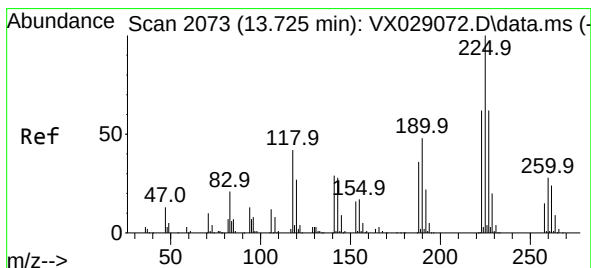
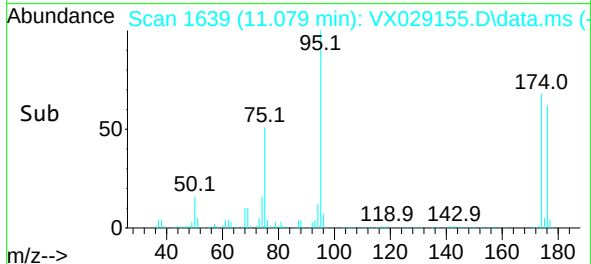
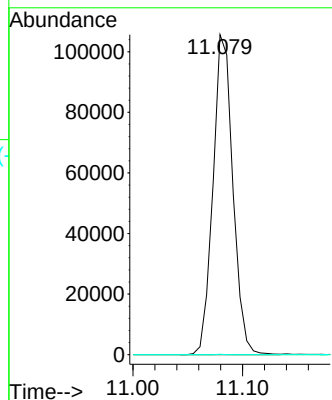
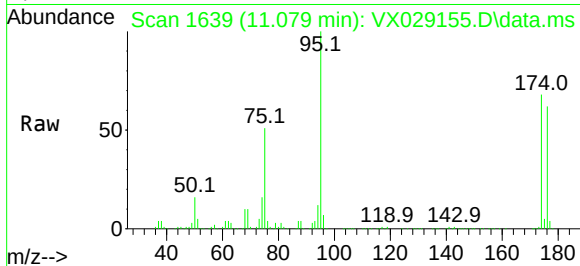




#81
trans-1,4-Dichloro-2-butene
Concen: 73.595 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

Instrument :
MSVOA_X
ClientSampleId :
17BR-20220531

Tgt Ion: 75 Resp: 133080
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

Tgt Ion: 225 Resp: 122
Ion Ratio Lower Upper
225 100
223 0.0 34.2 102.5#
227 33.6 33.9 101.7#

