

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029197.D
 Acq On : 03 Jun 2022 17:59
 Operator : JC/MD
 Sample : N3164-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 35BR-20220531

Quant Time: Jun 06 02:36:23 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)

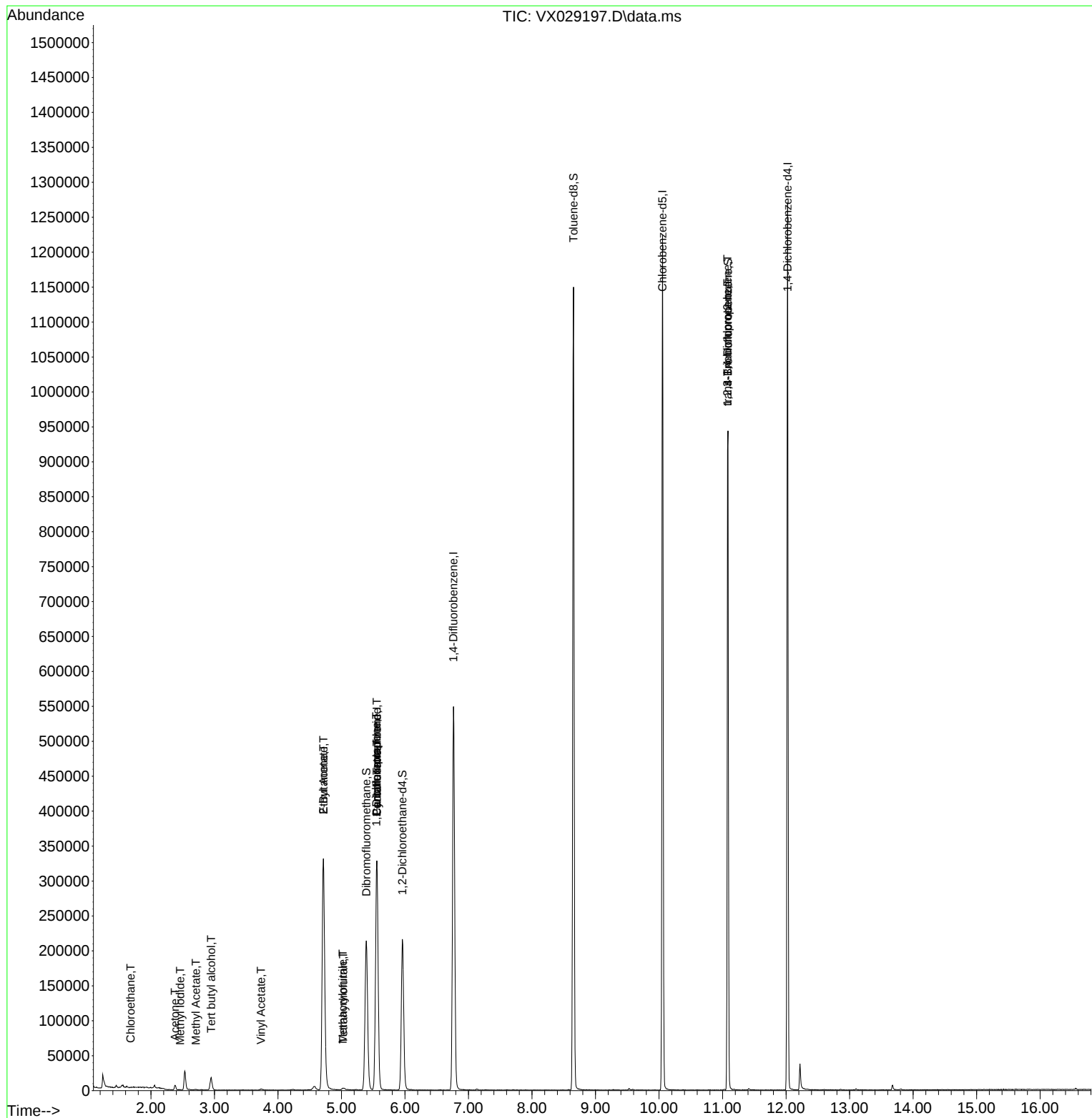
Internal Standards						
1) Pentafluorobenzene	5.556	168	311909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	580467	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	564992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	255748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206181	58.621	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	117.240%
35) Dibromofluoromethane	5.391	113	191102	49.565	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.120%
50) Toluene-d8	8.653	98	685386	48.604	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.200%
62) 4-Bromofluorobenzene	11.085	95	271820	49.866	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.740%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	704	Below Cal		85
6) Chloroethane	1.678	64	248	1.493	ug/l #	43
10) Methyl Iodide	2.459	142	282	4.300	ug/l #	80
11) Tert butyl alcohol	2.947	59	10143	12.449	ug/l #	74
16) Acetone	2.380	43	7059	5.097	ug/l	95
18) Methyl Acetate	2.709	43	1210	0.338	ug/l #	73
23) Vinyl Acetate	3.733	43	3291	0.467	ug/l	94
25) 2-Butanone	4.715	43	550777	246.526	ug/l #	44
29) Tetrahydrofuran	5.025	42	2551	1.781	ug/l #	75
31) Cyclohexane	5.556	56	5573	1.219	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	23794	4.796	ug/l #	50
37) Ethyl Acetate	4.715	43	552222	114.856	ug/l	99
38) Carbon Tetrachloride	5.556	117	31520	5.560	ug/l #	15
41) Methacrylonitrile	5.019	41	1592	0.613	ug/l #	29
44) Trichloroethene	7.129	130	556	Below Cal		88
76) 1,2,3-Trichloropropane	11.079	75	130940	25.256	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	130940	74.097	ug/l #	15

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

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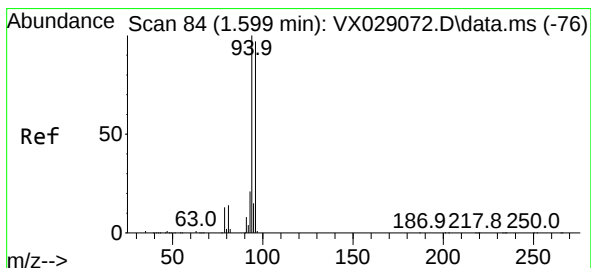
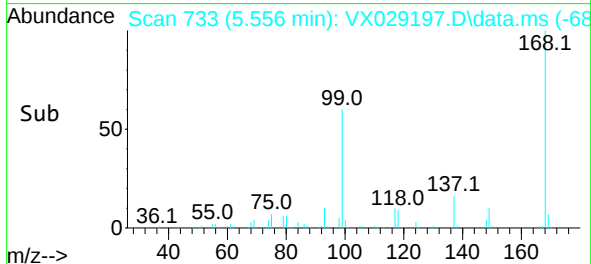
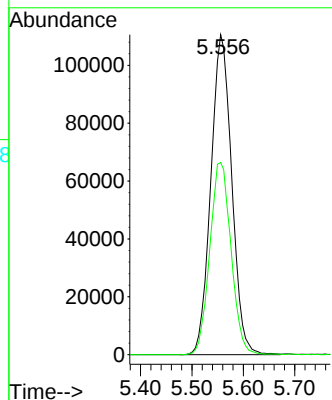
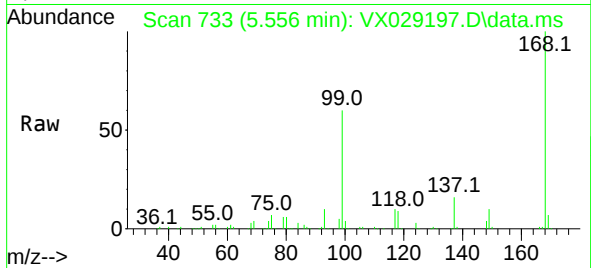




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

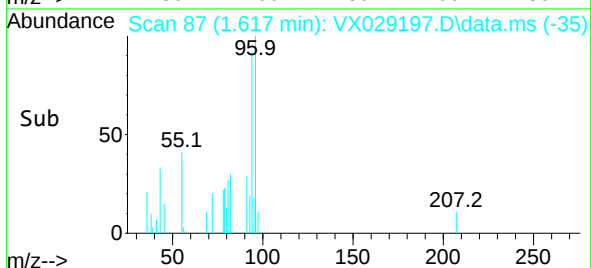
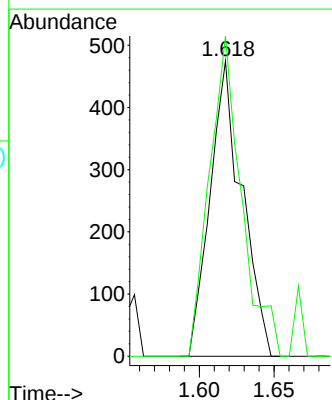
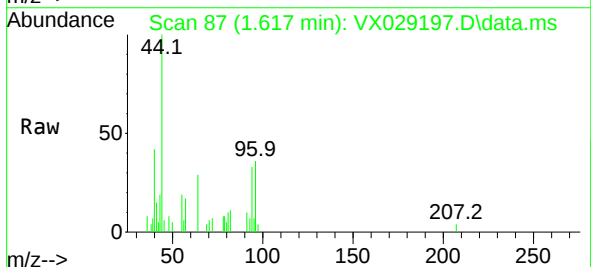
Instrument :
MSVOA_X
ClientSampleId :
35BR-20220531

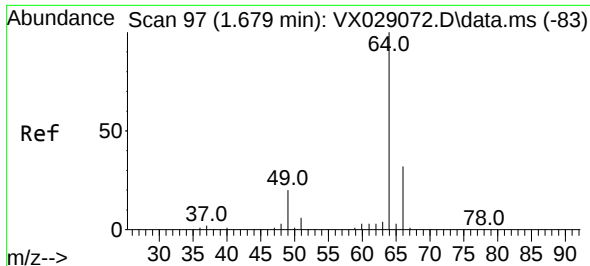
Tgt Ion:168 Resp: 311909
Ion Ratio Lower Upper
168 100
99 60.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

Tgt Ion: 94 Resp: 704
Ion Ratio Lower Upper
94 100
96 108.4 75.3 112.9

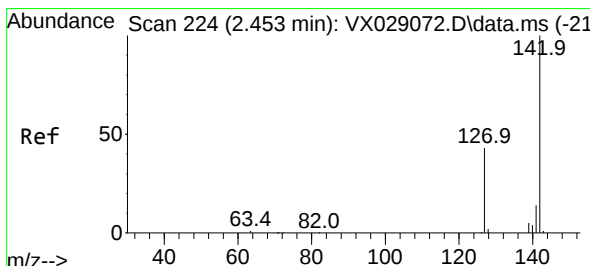
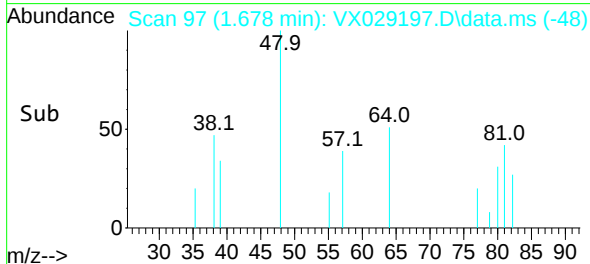
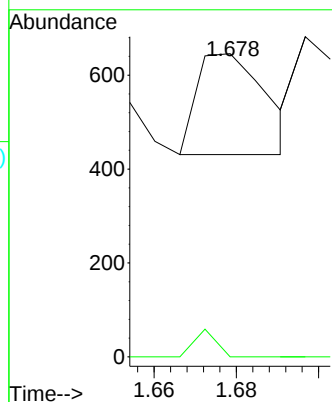
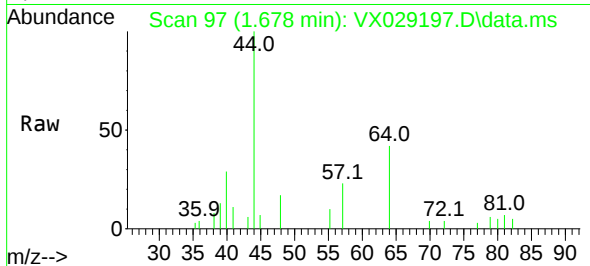




#6
Chloroethane
Concen: 1.493 ug/l
RT: 1.678 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

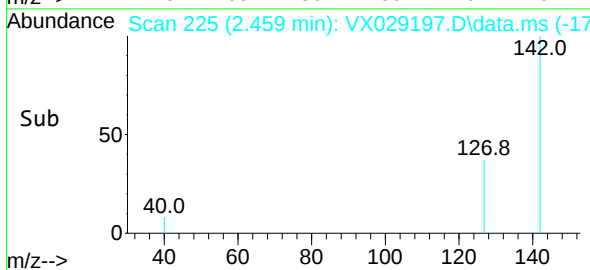
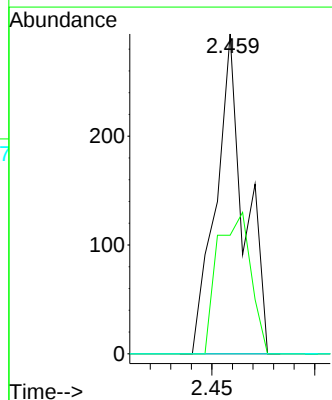
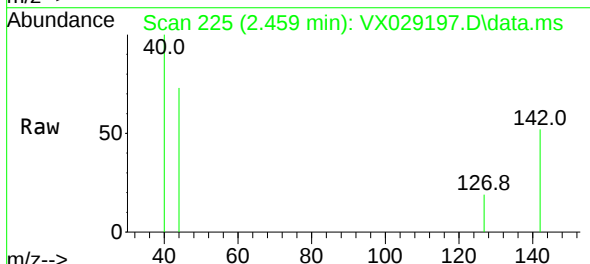
Instrument :
MSVOA_X
ClientSampleId :
35BR-20220531

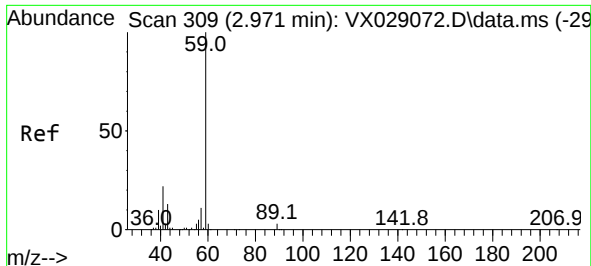
Tgt Ion: 64 Resp: 248
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.300 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

Tgt Ion: 142 Resp: 282
Ion Ratio Lower Upper
142 100
127 51.8 33.9 50.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 12.449 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.024 min

Lab File: VX029197.D

Acq: 03 Jun 2022 17:59

Instrument :

MSVOA_X

ClientSampleId :

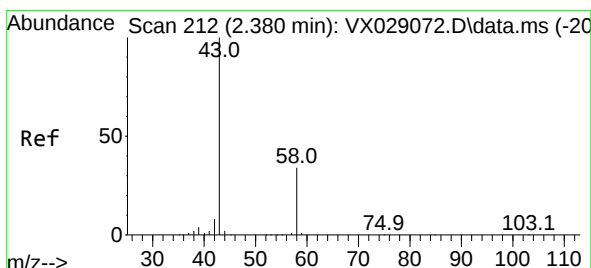
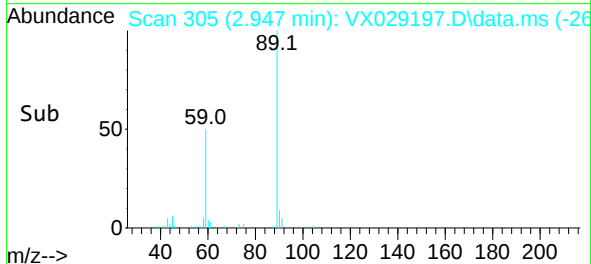
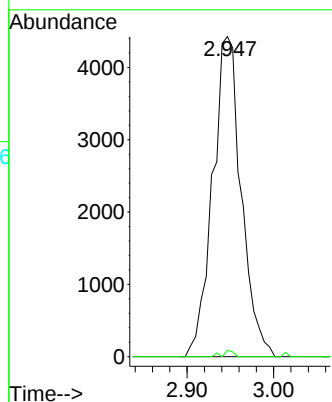
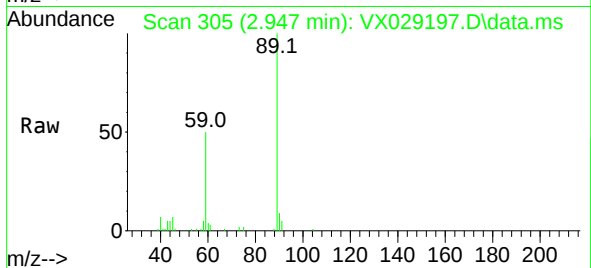
35BR-20220531

Tgt Ion: 59 Resp: 10143

Ion Ratio Lower Upper

59 100

57 0.7 8.3 12.5#



#16

Acetone

Concen: 5.097 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX029197.D

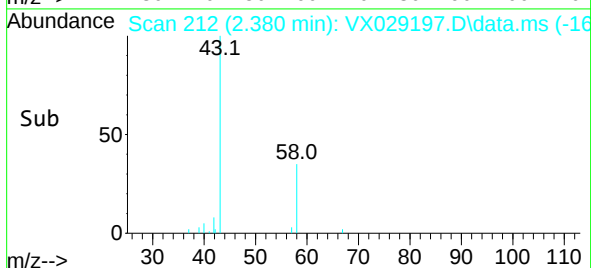
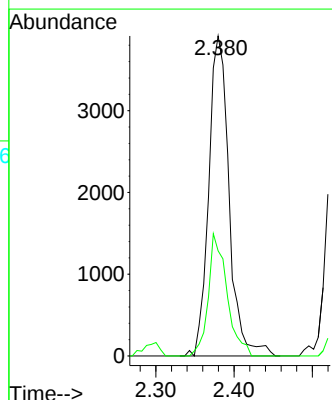
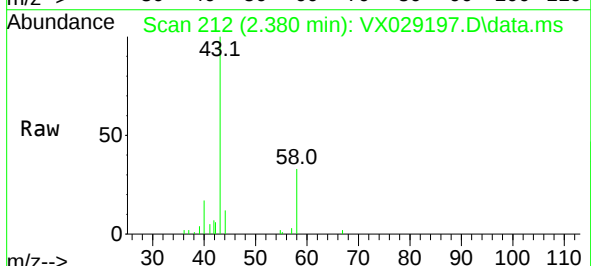
Acq: 03 Jun 2022 17:59

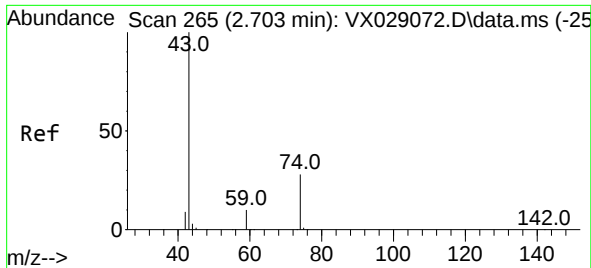
Tgt Ion: 43 Resp: 7059

Ion Ratio Lower Upper

43 100

58 32.9 28.8 43.2

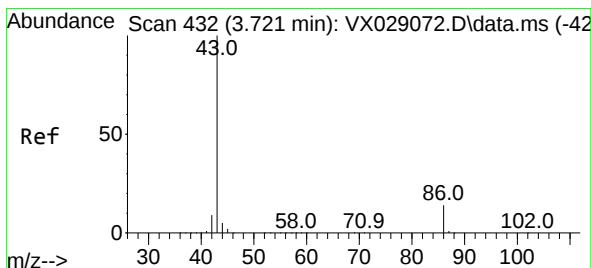
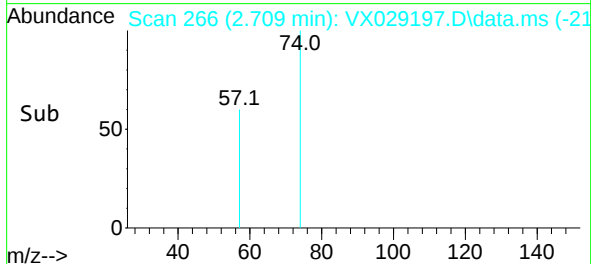
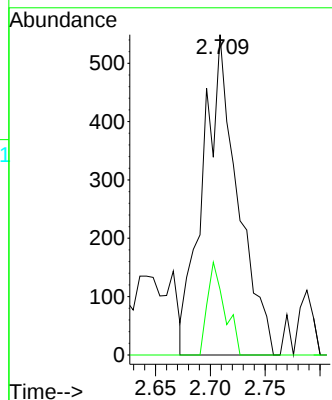
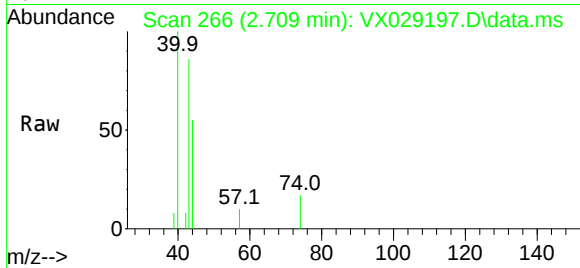




#18
Methyl Acetate
Concen: 0.338 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

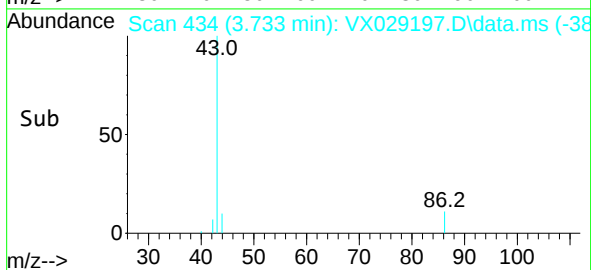
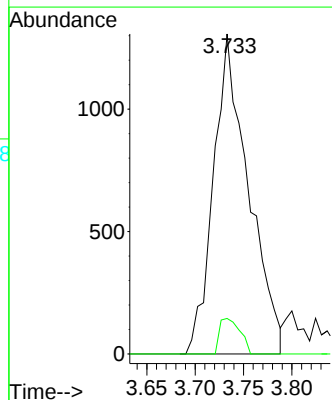
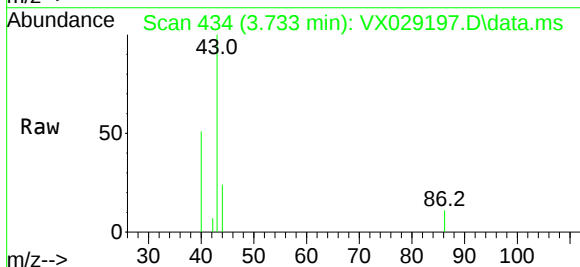
Instrument :
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ClientSampleId :
35BR-20220531

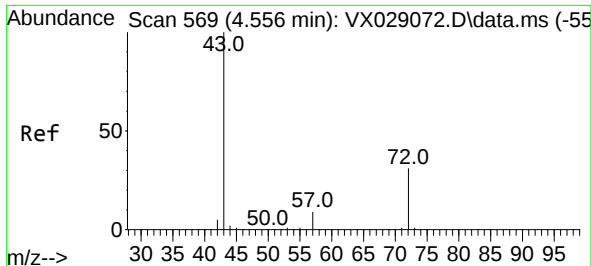
Tgt Ion: 43 Resp: 1210
Ion Ratio Lower Upper
43 100
74 14.4 22.8 34.2#



#23
Vinyl Acetate
Concen: 0.467 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.012 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

Tgt Ion: 43 Resp: 3291
Ion Ratio Lower Upper
43 100
86 11.1 10.8 16.2

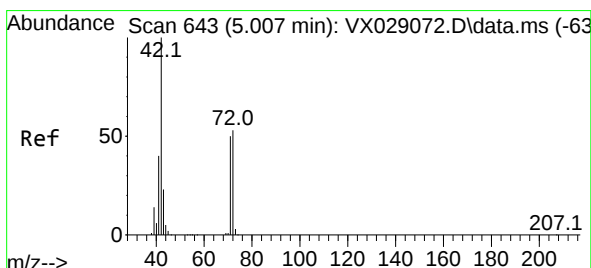
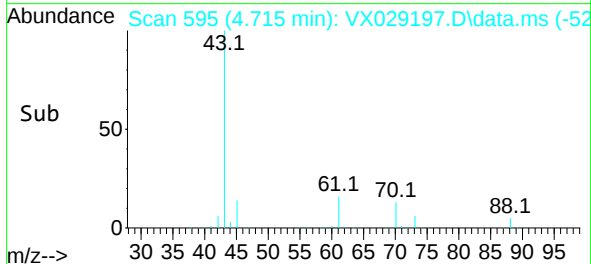
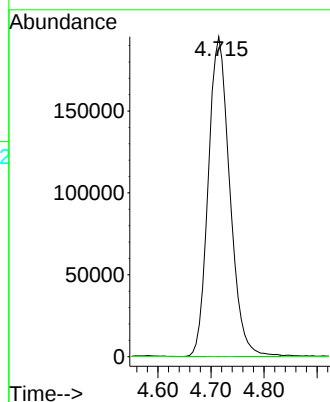
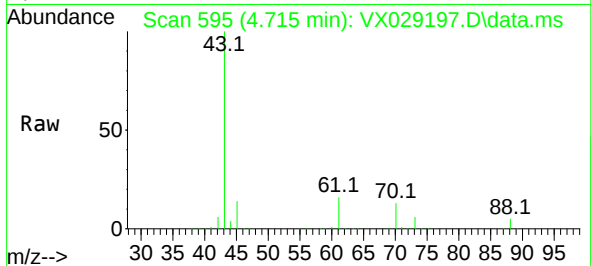




#25
2-Butanone
Concen: 246.526 ug/l
RT: 4.715 min Scan# 51
Delta R.T. 0.159 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

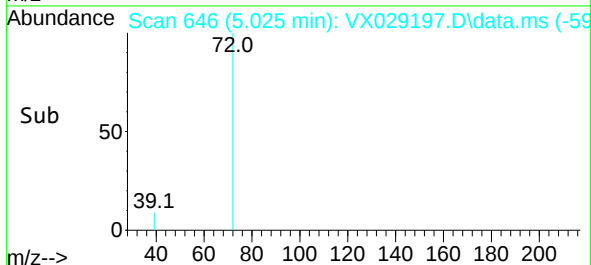
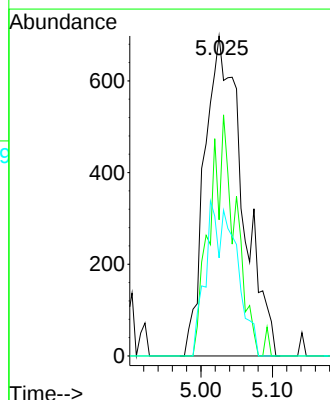
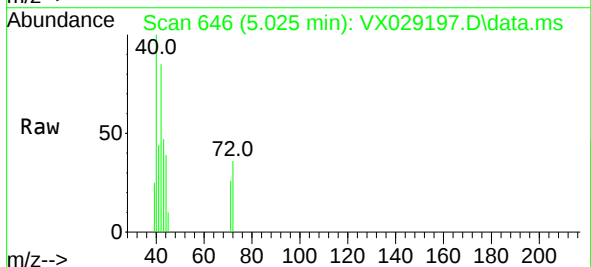
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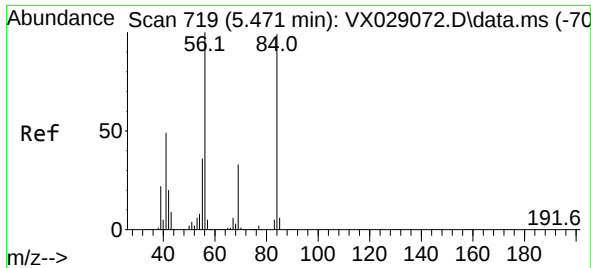
Tgt Ion: 43 Resp: 550777
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#29
Tetrahydrofuran
Concen: 1.781 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

Tgt Ion: 42 Resp: 2551
Ion Ratio Lower Upper
42 100
72 51.2 44.1 66.1
71 18.0 40.5 60.7#

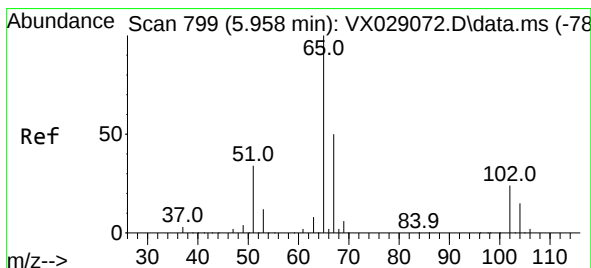
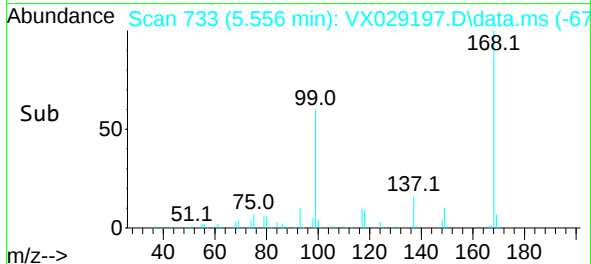
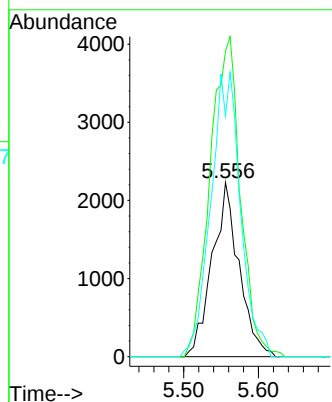
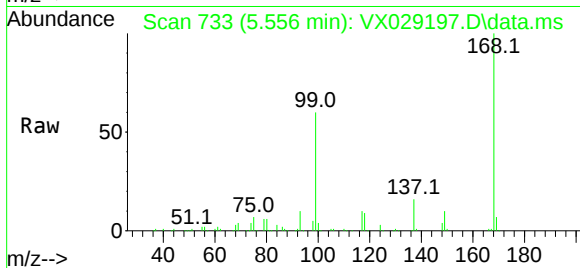




#31
Cyclohexane
Concen: 1.219 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

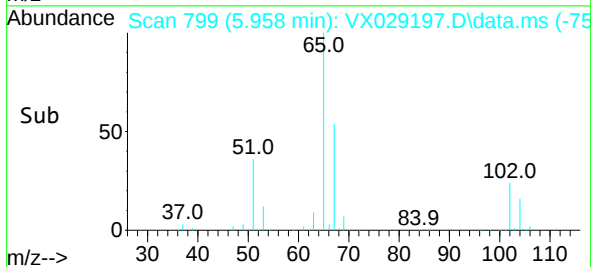
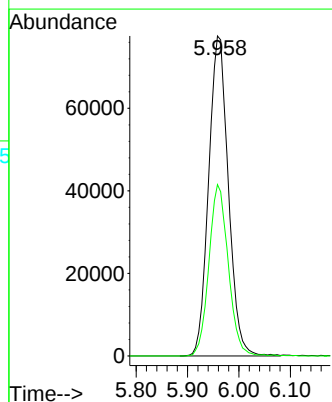
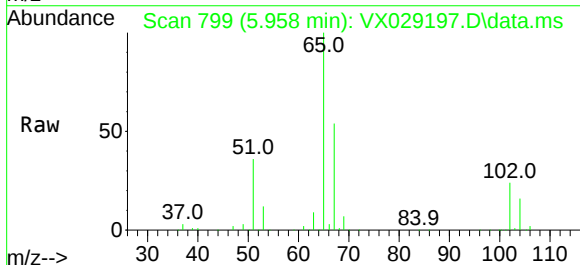
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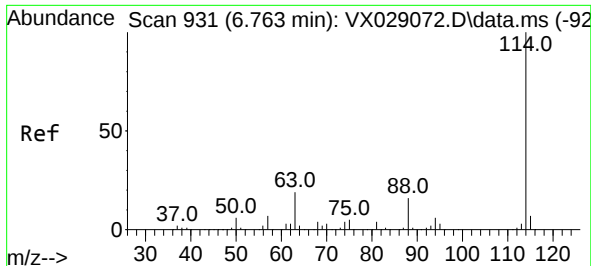
Tgt Ion: 56 Resp: 5573
Ion Ratio Lower Upper
56 100
69 175.3 26.7 40.1#
84 138.1 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 58.621 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

Tgt Ion: 65 Resp: 206181
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.4

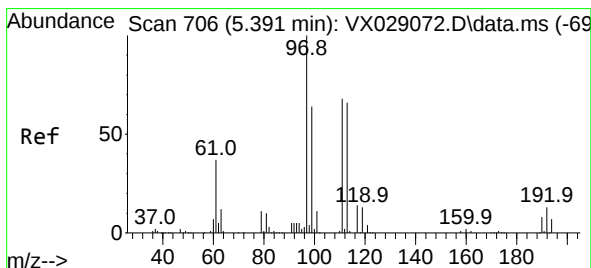
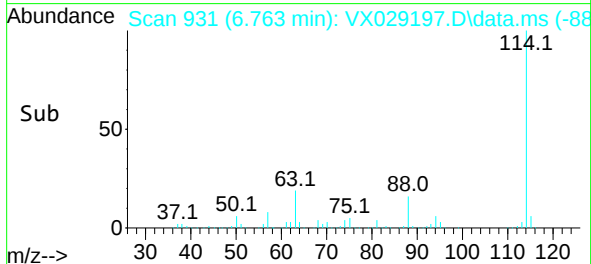
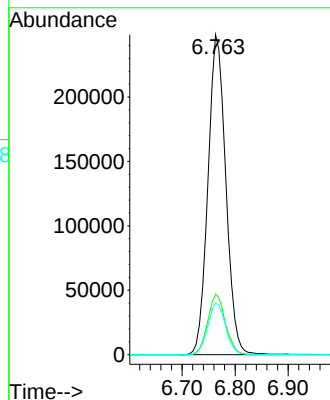
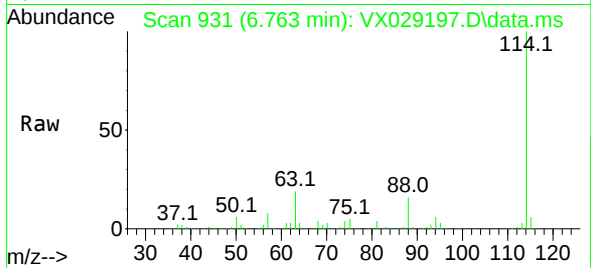




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

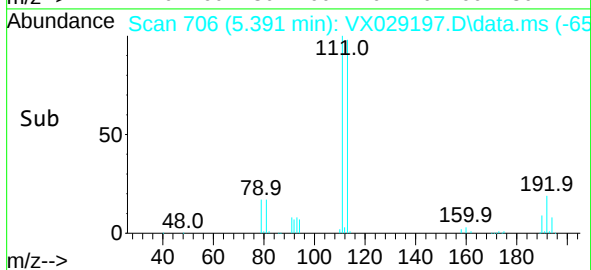
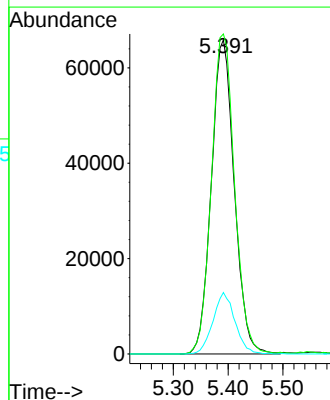
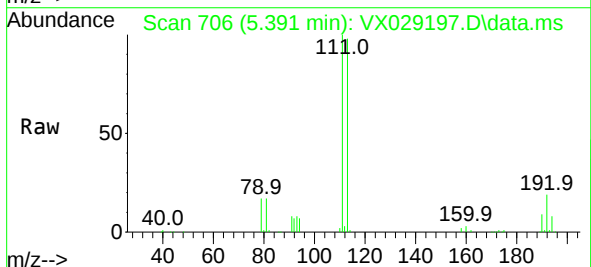
Instrument :
MSVOA_X
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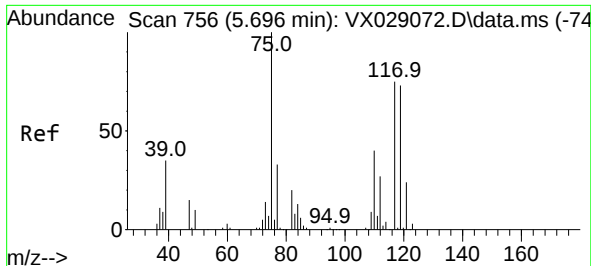
Tgt Ion:114 Resp: 580467
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.565 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

Tgt Ion:113 Resp: 191102
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.8 16.9 25.3

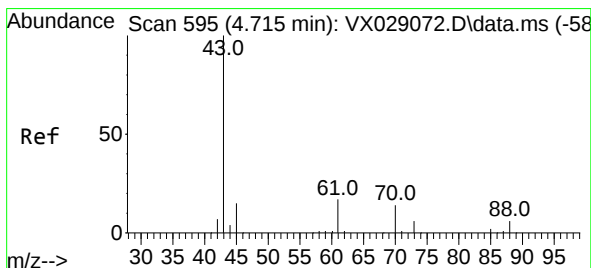
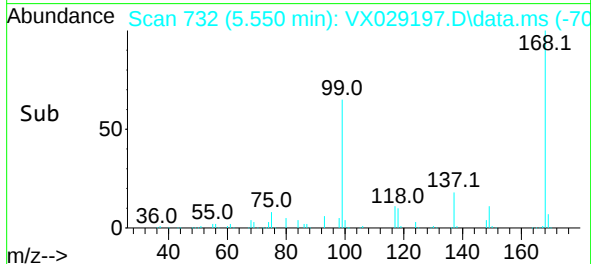
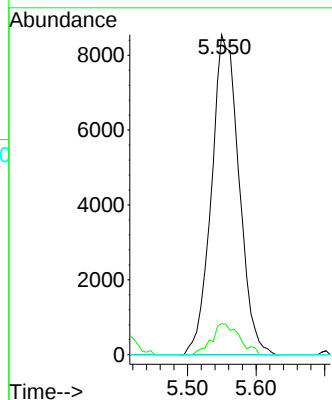
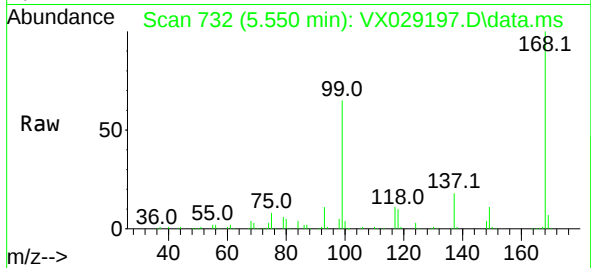




#36
1,1-Dichloropropene
Concen: 4.796 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

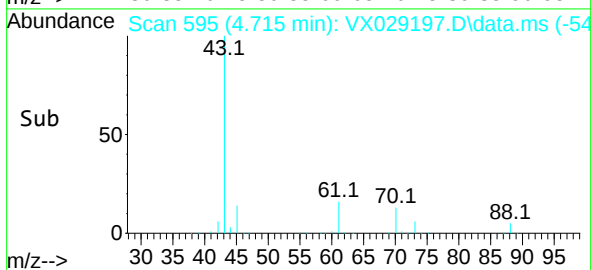
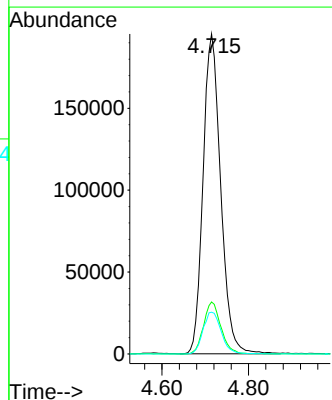
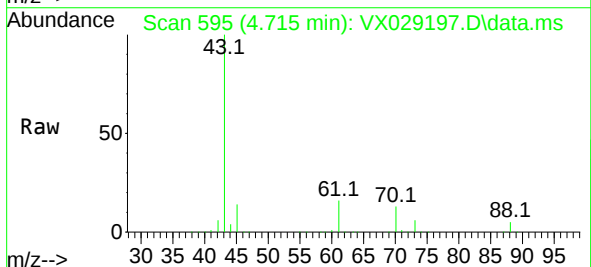
Instrument :
MSVOA_X
ClientSampleId :
35BR-20220531

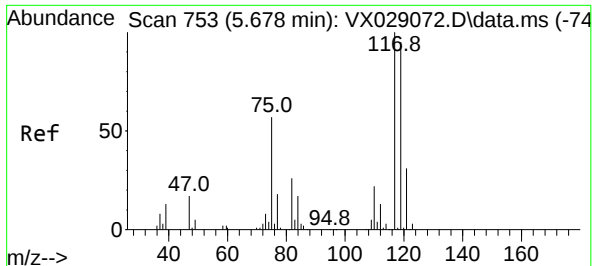
Tgt Ion: 75 Resp: 23794
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 114.856 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

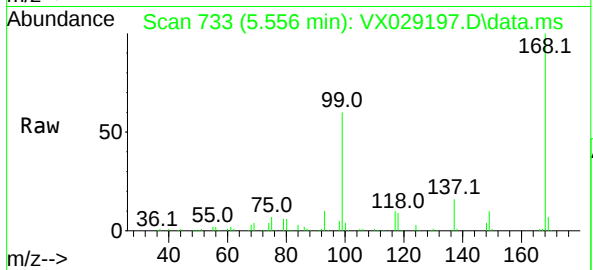
Tgt Ion: 43 Resp: 552222
Ion Ratio Lower Upper
43 100
61 16.0 12.6 19.0
70 13.5 10.2 15.2



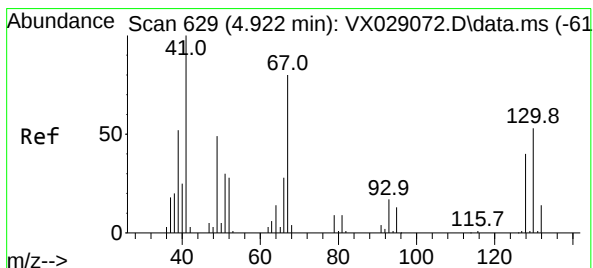
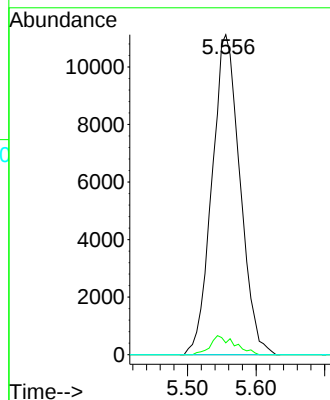
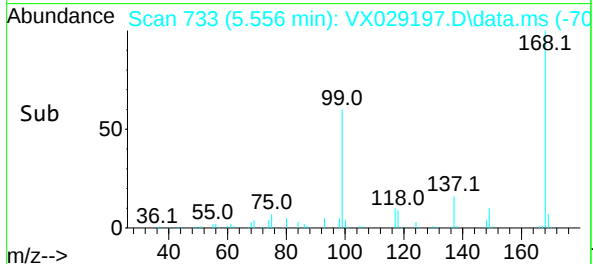


#38
Carbon Tetrachloride
Concen: 5.560 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

Instrument :
MSVOA_X
ClientSampleId :
35BR-20220531

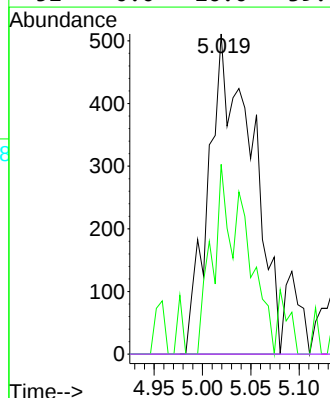
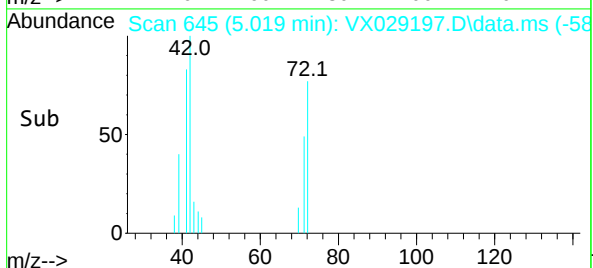
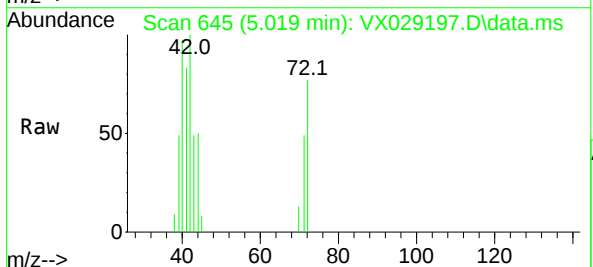


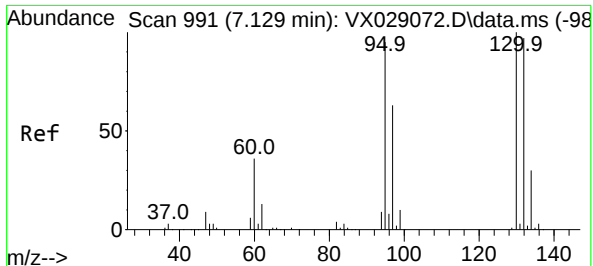
Tgt Ion:117 Resp: 31520
Ion Ratio Lower Upper
117 100
119 3.7 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 0.613 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.097 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

Tgt Ion: 41 Resp: 1592
Ion Ratio Lower Upper
41 100
39 24.4 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

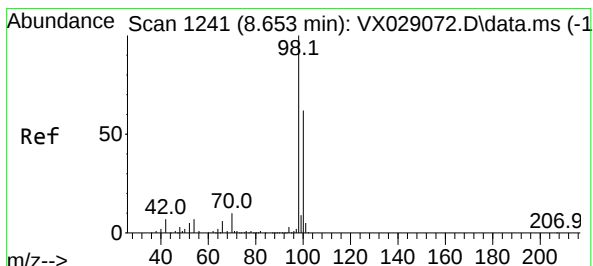
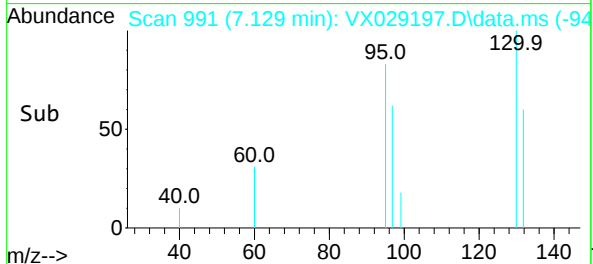
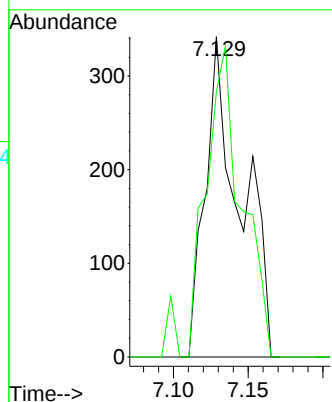
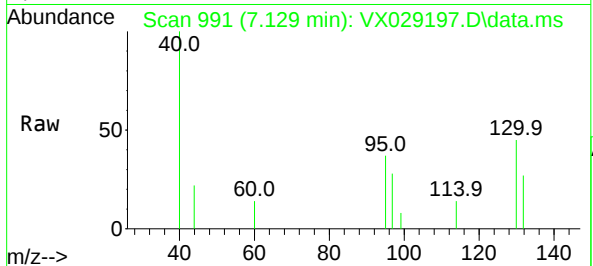




#44
 Trichloroethene
 Concen: Below Cal
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX029197.D
 Acq: 03 Jun 2022 17:59

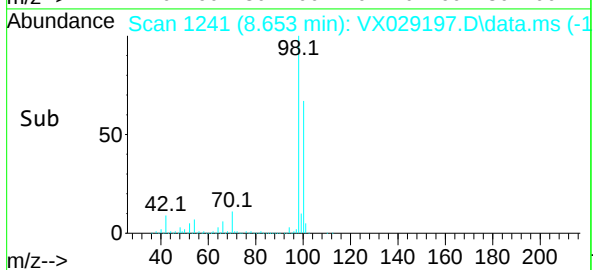
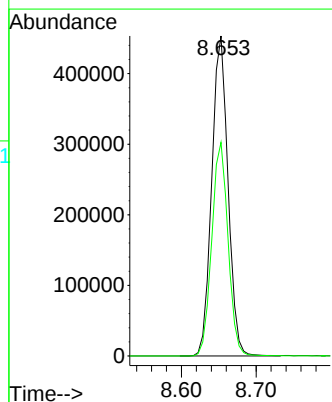
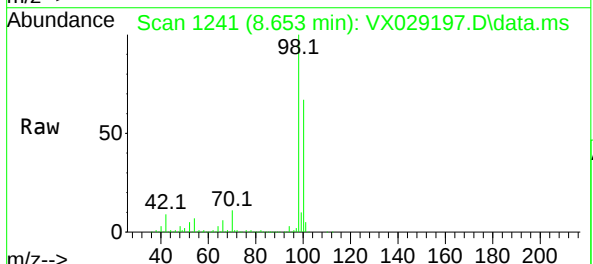
Instrument :
 MSVOA_X
 ClientSampleId :
 35BR-20220531

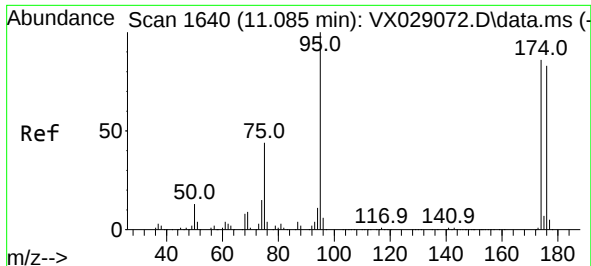
Tgt Ion:130 Resp: 556
 Ion Ratio Lower Upper
 130 100
 95 82.7 0.0 188.8



#50
 Toluene-d8
 Concen: 48.604 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX029197.D
 Acq: 03 Jun 2022 17:59

Tgt Ion: 98 Resp: 685386
 Ion Ratio Lower Upper
 98 100
 100 66.8 52.6 78.8

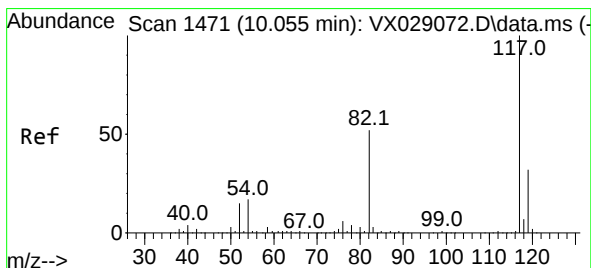
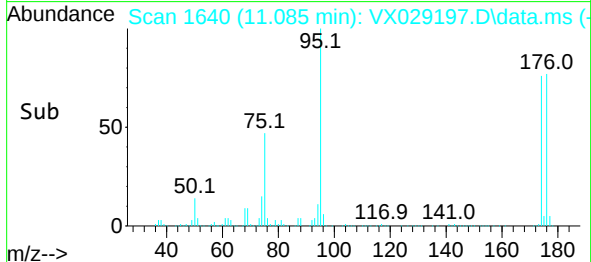
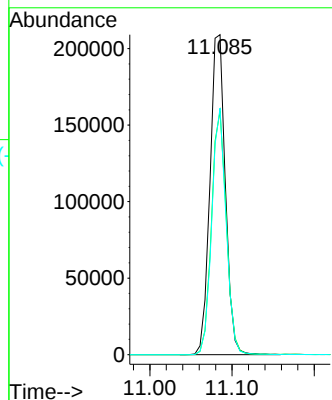
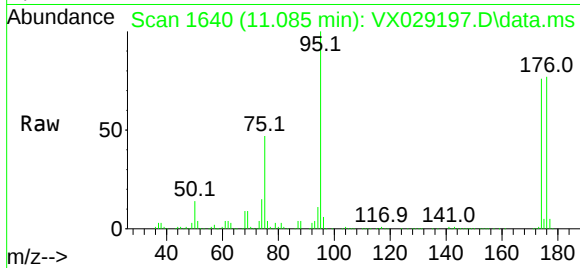




#62
4-Bromofluorobenzene
Concen: 49.866 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

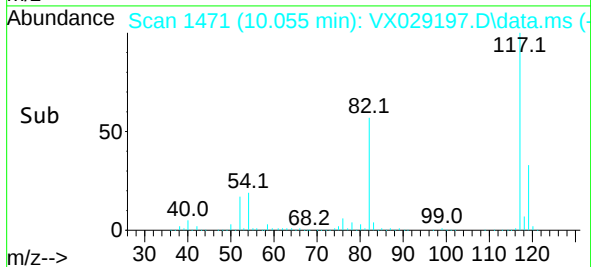
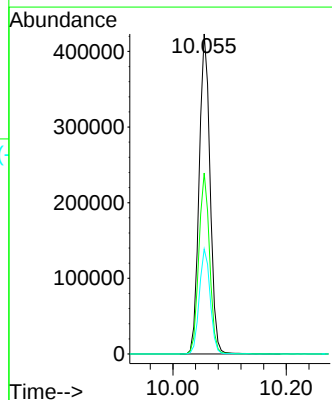
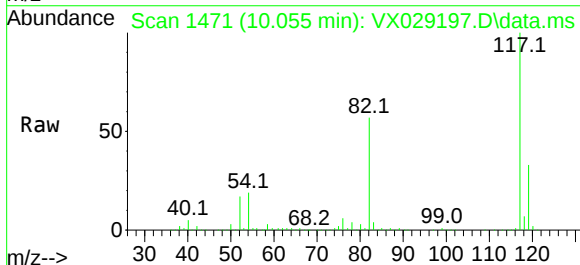
Instrument :
MSVOA_X
ClientSampleId :
35BR-20220531

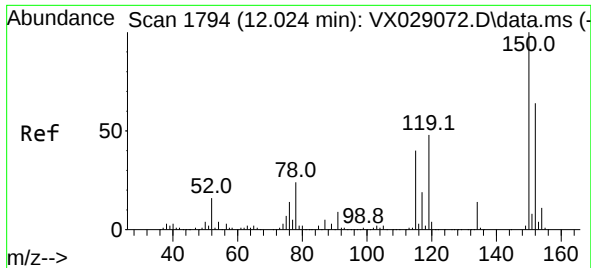
Tgt Ion: 95 Resp: 271820
Ion Ratio Lower Upper
95 100
174 73.1 0.0 163.0
176 71.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

Tgt Ion: 117 Resp: 564992
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.8 24.8 37.2

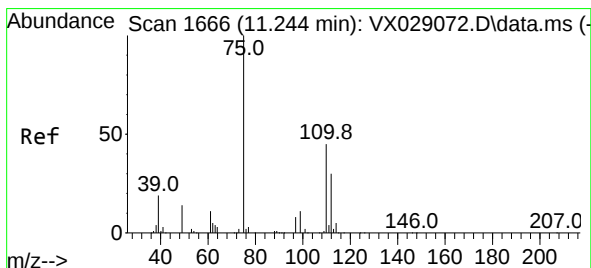
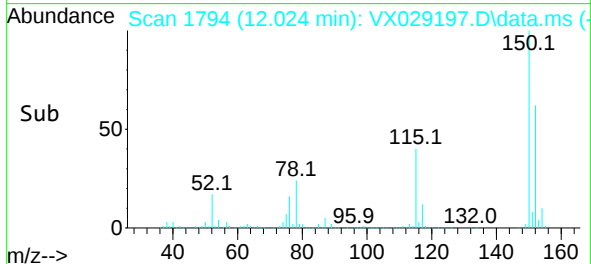
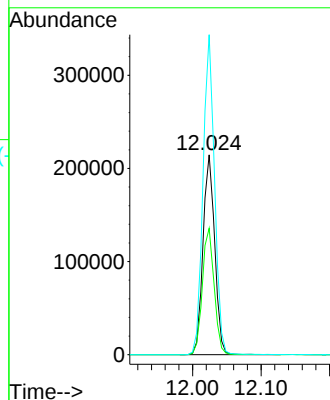
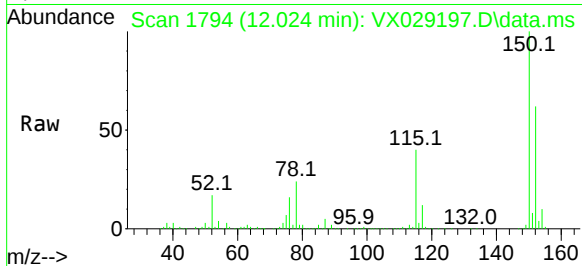




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

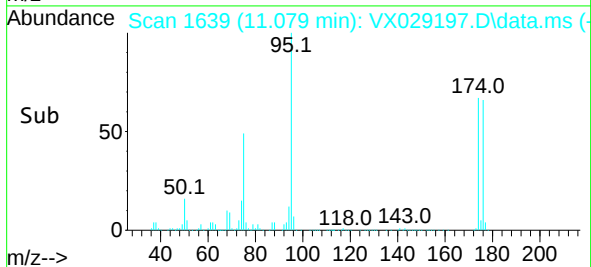
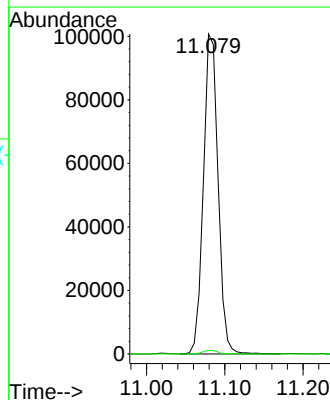
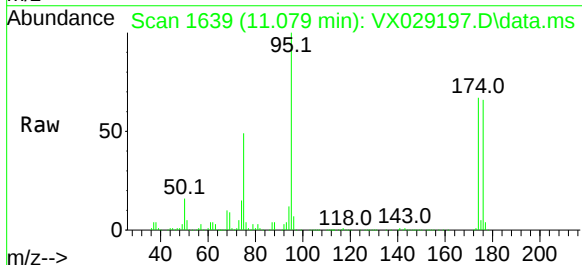
Instrument :
MSVOA_X
ClientSampleId :
35BR-20220531

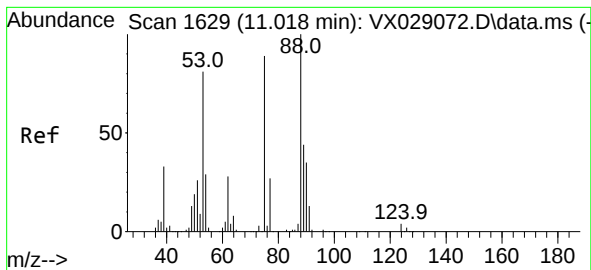
Tgt Ion:152 Resp: 255748
Ion Ratio Lower Upper
152 100
115 63.7 37.5 112.7
150 157.5 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 25.256 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029197.D
Acq: 03 Jun 2022 17:59

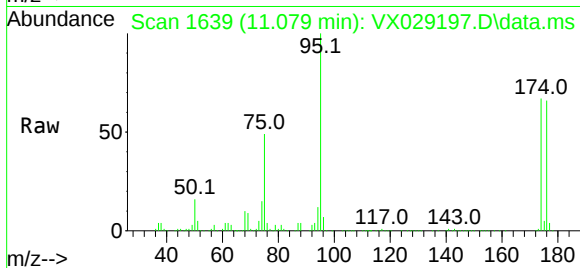
Tgt Ion: 75 Resp: 130940
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.097 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029197.D
 Acq: 03 Jun 2022 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 35BR-20220531



Tgt Ion: 75 Resp: 130940
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.0 103.4#
 89 0.0 37.0 55.6#

