

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029258.D
 Acq On : 07 Jun 2022 00:06
 Operator : JC/MD
 Sample : N3166-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 46BR-20220601

Quant Time: Jun 07 06:09:13 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)

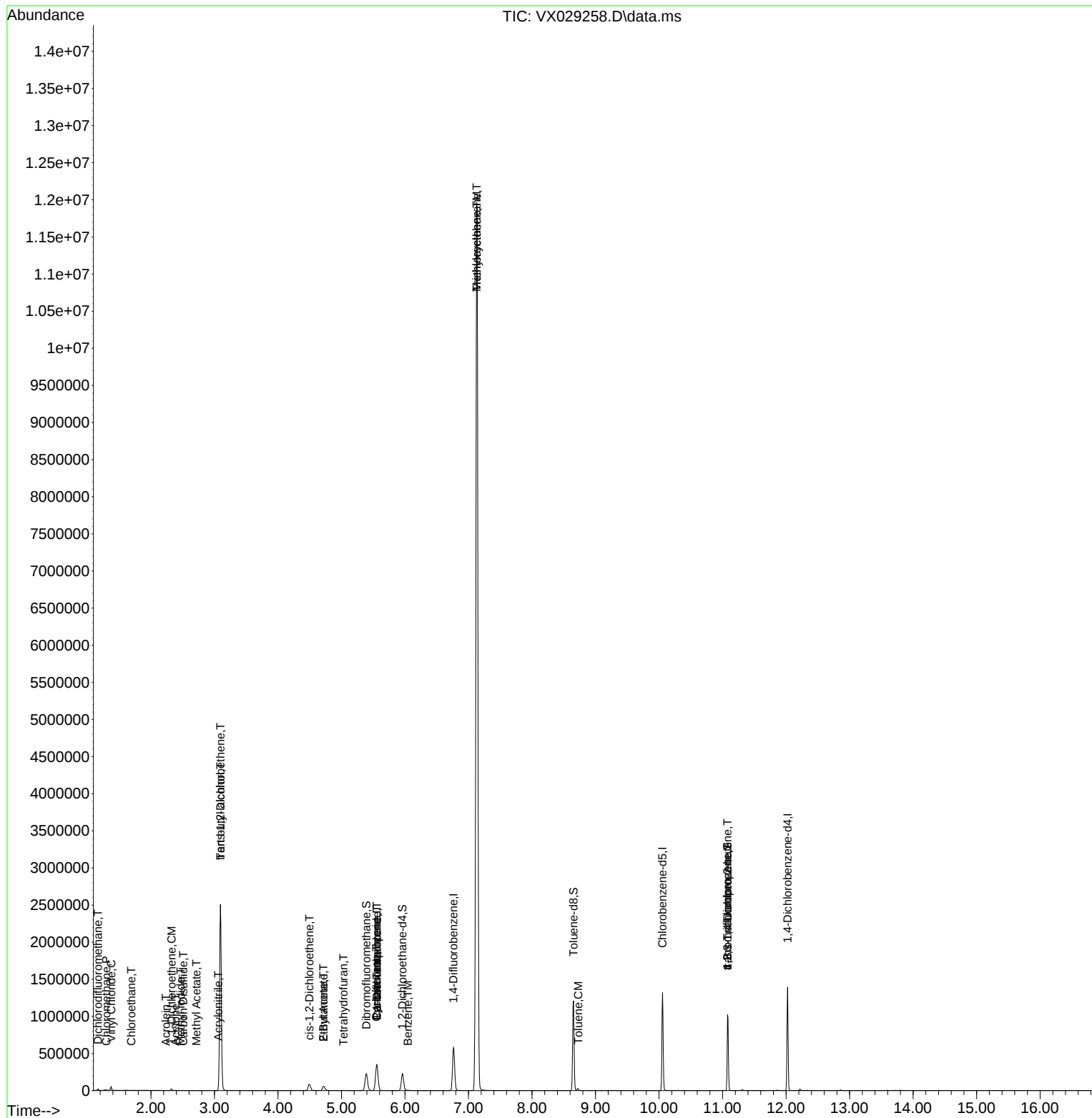
Internal Standards						
1) Pentafluorobenzene	5.556	168	325232	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	612537	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	602251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	280025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	218589	59.602	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 119.200%			
35) Dibromofluoromethane	5.391	113	204124	50.170	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.340%			
50) Toluene-d8	8.653	98	730518	49.092	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.180%			
62) 4-Bromofluorobenzene	11.079	95	293918	51.097	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	8249	2.917	ug/l	99
3) Chloromethane	1.294	50	736	0.249	ug/l	93
4) Vinyl Chloride	1.374	62	28749	8.835	ug/l	100
5) Bromomethane	1.618	94	1000	Below Cal		98
6) Chloroethane	1.691	64	493	1.573	ug/l	90
10) Methyl Iodide	2.465	142	1970	4.718	ug/l	95
11) Tert butyl alcohol	3.093	59	43957	51.739	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	7036	2.400	ug/l	90
13) Acrolein	2.233	56	132	0.343	ug/l #	76
15) Acrylonitrile	3.062	53	376	0.215	ug/l #	18
16) Acetone	2.386	43	3171	2.196	ug/l	99
17) Carbon Disulfide	2.508	76	2003	0.249	ug/l #	75
18) Methyl Acetate	2.715	43	989	0.265	ug/l #	87
21) trans-1,2-Dichloroethene	3.093	96	1062754	321.365	ug/l	98
25) 2-Butanone	4.715	43	100539	43.157	ug/l #	44
27) cis-1,2-Dichloroethene	4.495	96	59679	15.132	ug/l	86
29) Tetrahydrofuran	5.032	42	2029	1.358	ug/l #	85
31) Cyclohexane	5.550	56	6784	1.423	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	25446	4.861	ug/l #	49
37) Ethyl Acetate	4.715	43	101727	20.050	ug/l	99
38) Carbon Tetrachloride	5.556	117	34232	5.722	ug/l #	17
39) Methylcyclohexane	7.129	83	57162	8.833	ug/l #	1
40) Benzene	6.044	78	6310	0.407	ug/l	90
44) Trichloroethene	7.129	130	4889370	1078.131	ug/l	96
52) Toluene	8.726	92	11405	1.101	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	143538	25.286	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	143538	74.184	ug/l #	15
94) Hexachlorobutadiene	13.725	225	575	Below Cal		94

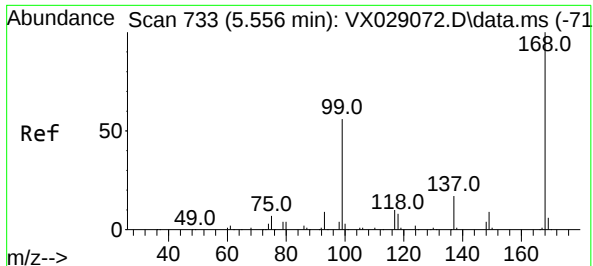
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
Data File : VX029258.D
Acq On : 07 Jun 2022 00:06
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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Quant Title : SW846 8260
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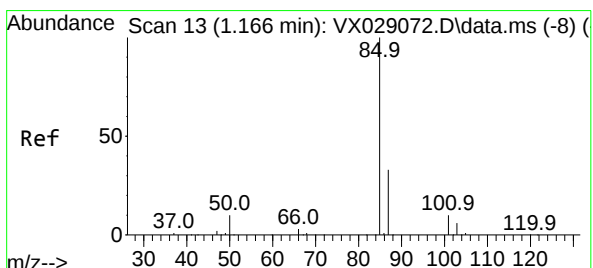
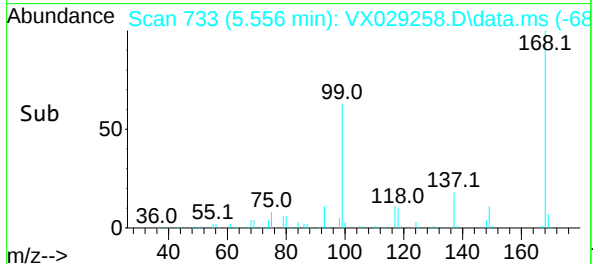
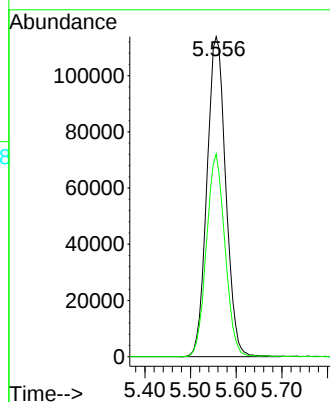
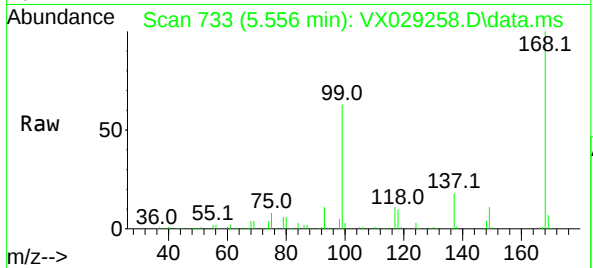




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

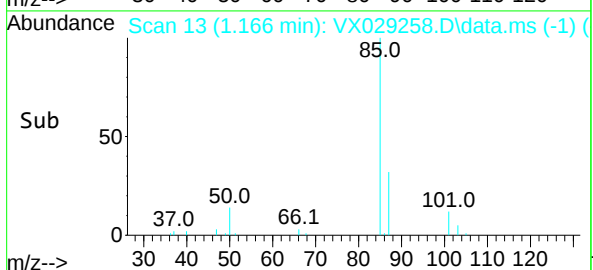
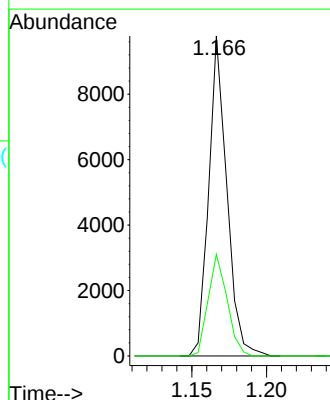
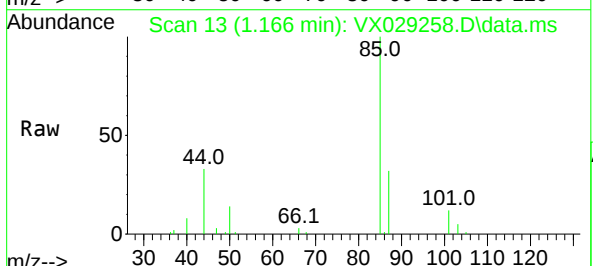
Instrument :
MSVOA_X
ClientSampleId :
46BR-20220601

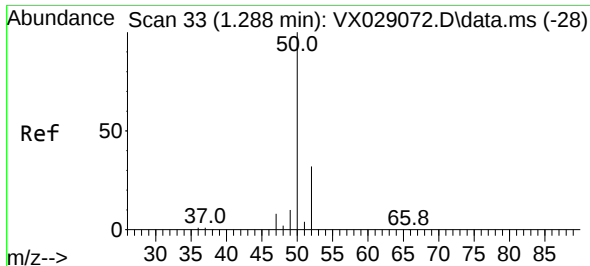
Tgt Ion:168 Resp: 325232
Ion Ratio Lower Upper
168 100
99 63.3 41.7 62.5#



#2
Dichlorodifluoromethane
Concen: 2.917 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

Tgt Ion: 85 Resp: 8249
Ion Ratio Lower Upper
85 100
87 31.8 16.2 48.6

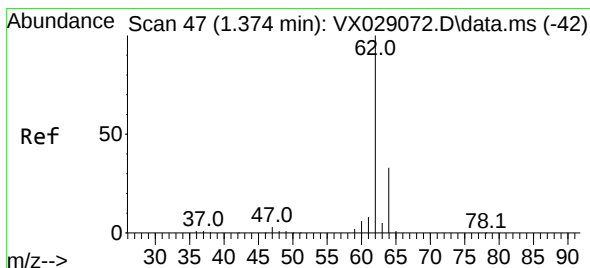
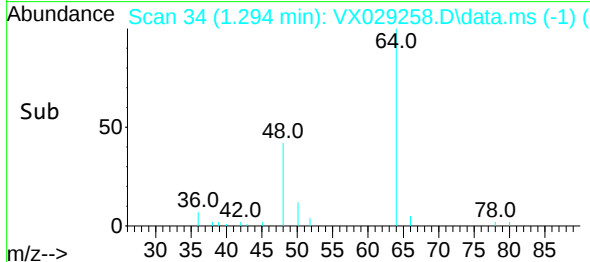
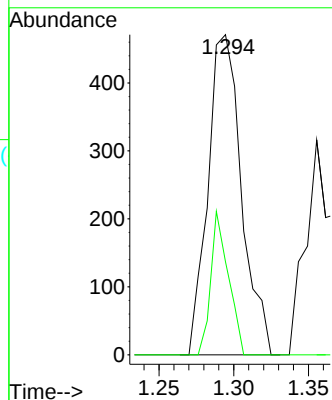
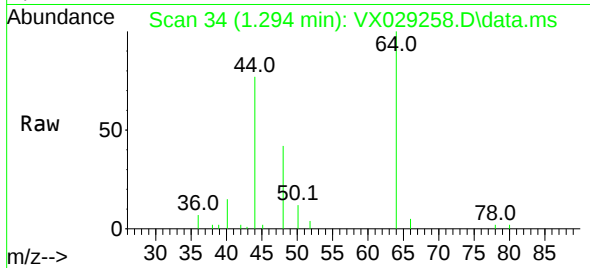




#3
Chloromethane
Concen: 0.249 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

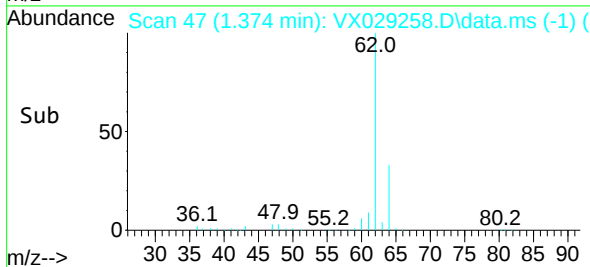
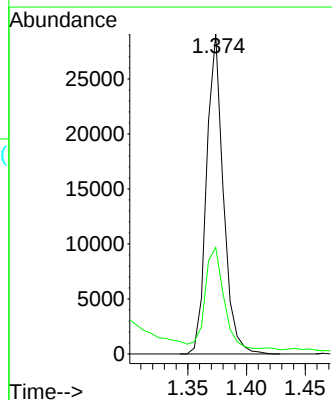
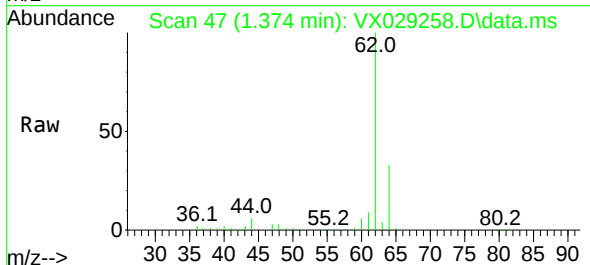
Instrument :
MSVOA_X
ClientSampleId :
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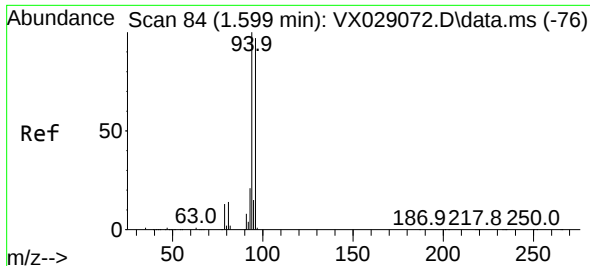
Tgt Ion: 50 Resp: 736
Ion Ratio Lower Upper
50 100
52 29.1 26.4 39.6



#4
Vinyl Chloride
Concen: 8.835 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

Tgt Ion: 62 Resp: 28749
Ion Ratio Lower Upper
62 100
64 32.0 25.5 38.3

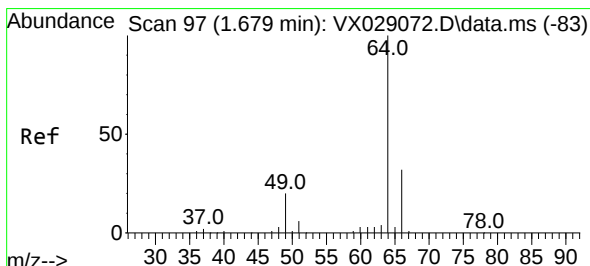
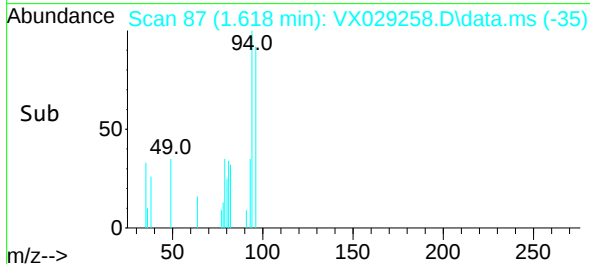
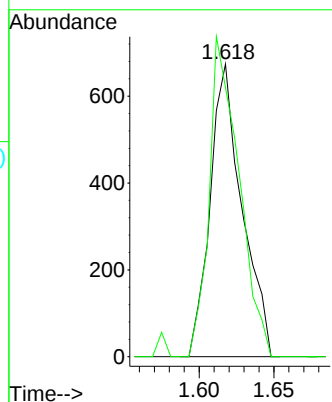
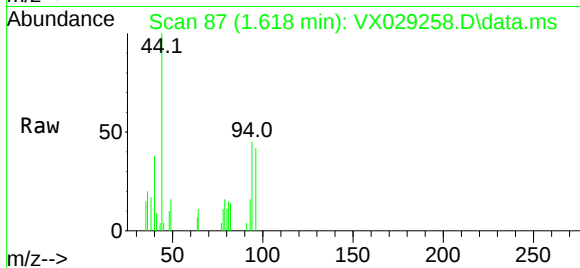




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

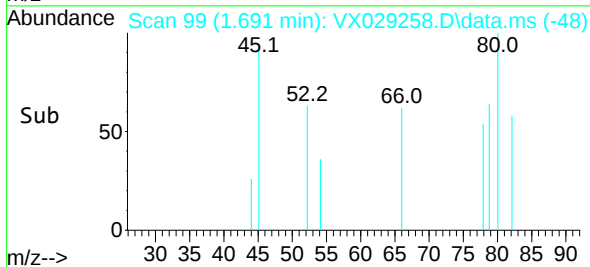
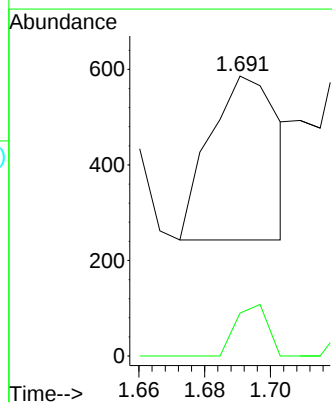
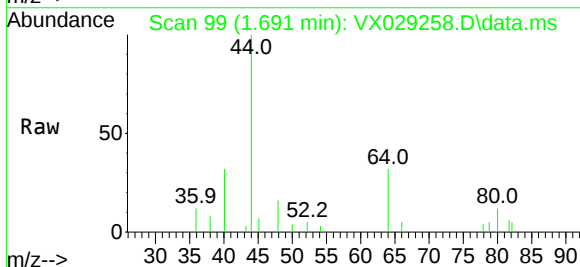
Instrument :
MSVOA_X
ClientSampleId :
46BR-20220601

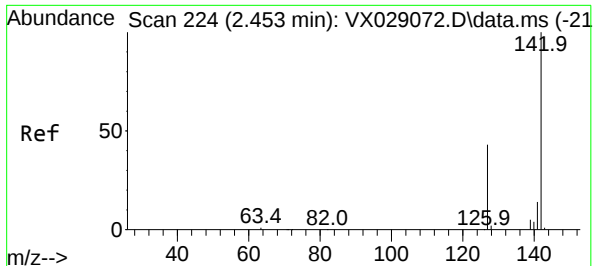
Tgt Ion: 94 Resp: 1000
Ion Ratio Lower Upper
94 100
96 92.0 75.3 112.9



#6
Chloroethane
Concen: 1.573 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

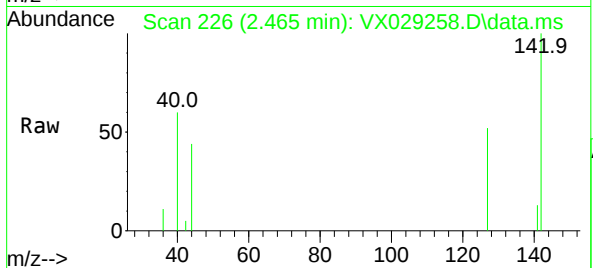
Tgt Ion: 64 Resp: 493
Ion Ratio Lower Upper
64 100
66 26.2 25.3 37.9



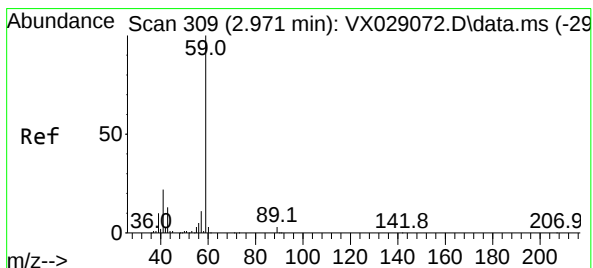
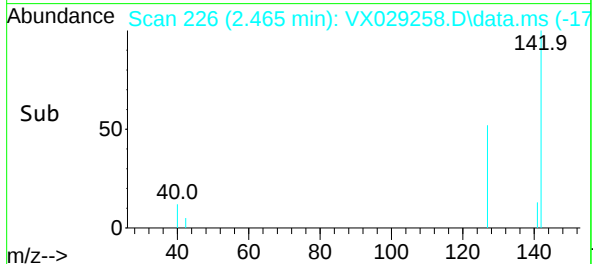
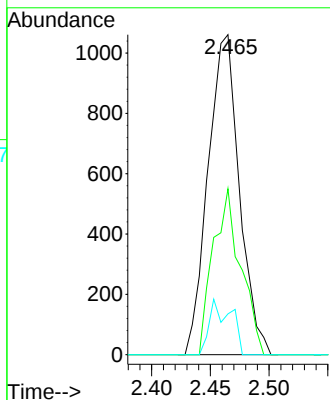


#10
Methyl Iodide
Concen: 4.718 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

Instrument :
MSVOA_X
ClientSampleId :
46BR-20220601

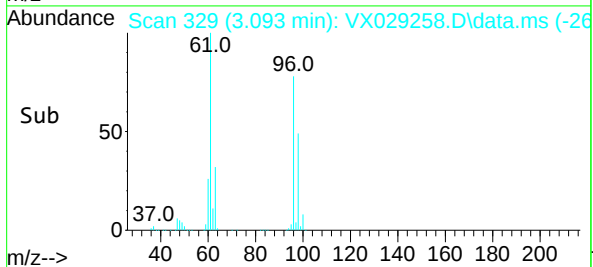
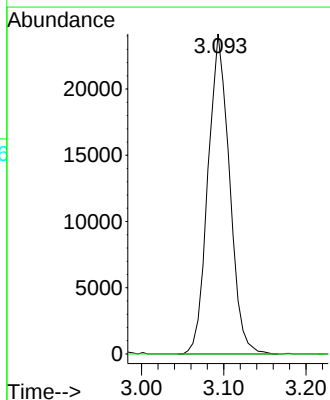
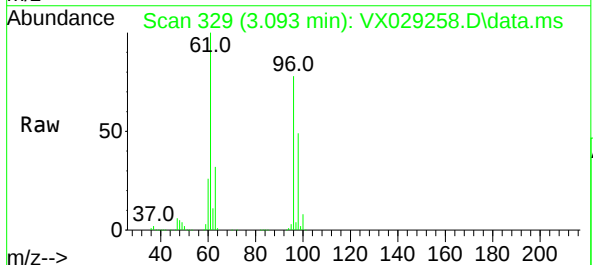


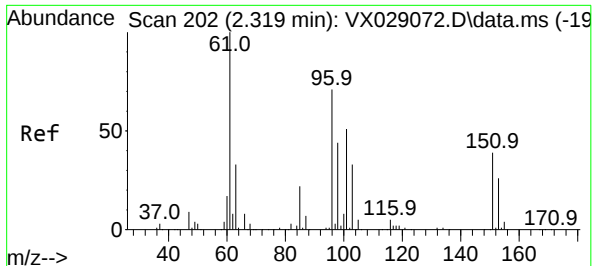
Tgt Ion:142 Resp: 1970
Ion Ratio Lower Upper
142 100
127 45.7 33.9 50.9
141 11.8 11.4 17.2



#11
Tert butyl alcohol
Concen: 51.739 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.122 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

Tgt Ion: 59 Resp: 43957
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 2.400 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX029258.D

Acq: 07 Jun 2022 00:06

Instrument :

MSVOA_X

ClientSampleId :

46BR-20220601

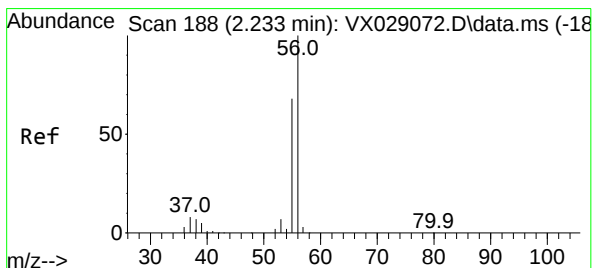
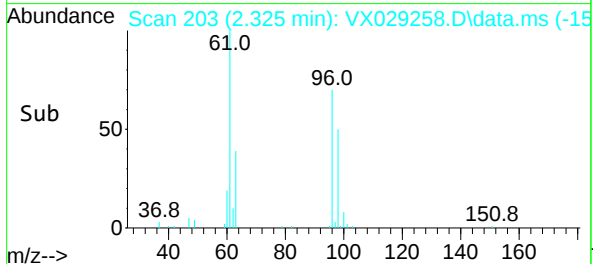
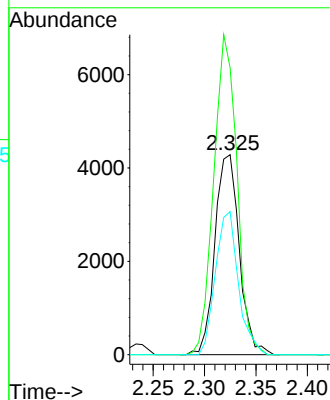
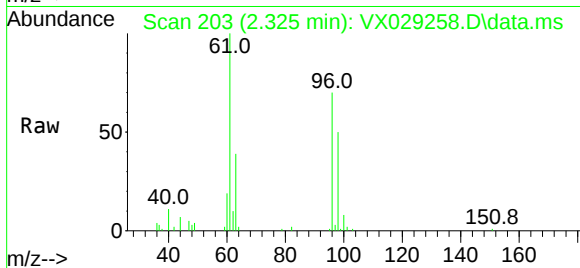
Tgt Ion: 96 Resp: 7036

Ion Ratio Lower Upper

96 100

61 143.4 124.6 187.0

98 71.5 51.0 76.4



#13

Acrolein

Concen: 0.343 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX029258.D

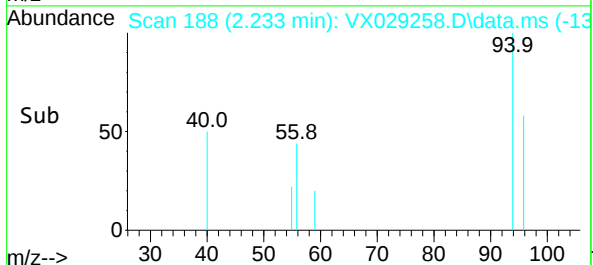
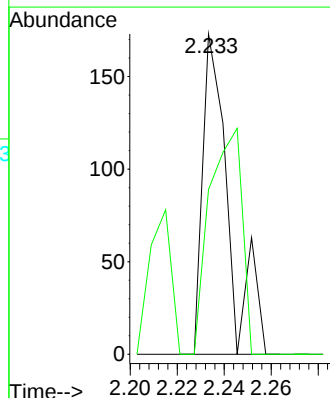
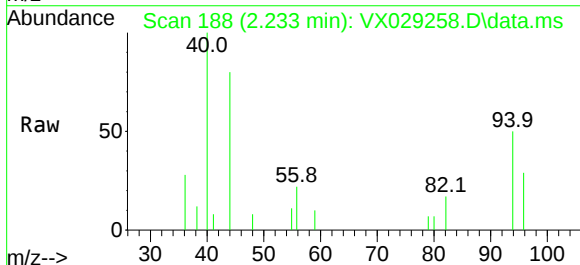
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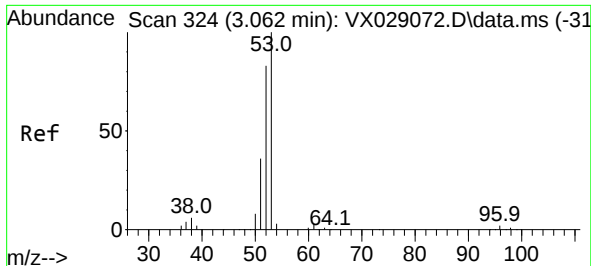
Tgt Ion: 56 Resp: 132

Ion Ratio Lower Upper

56 100

55 88.6 55.0 82.6#

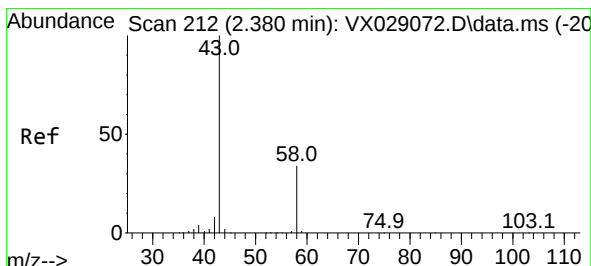
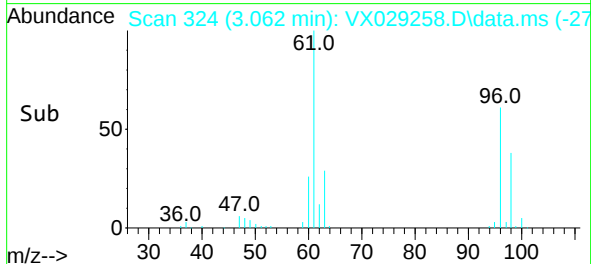
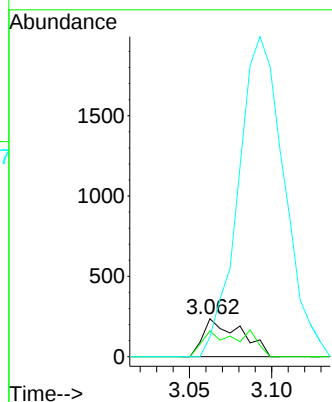
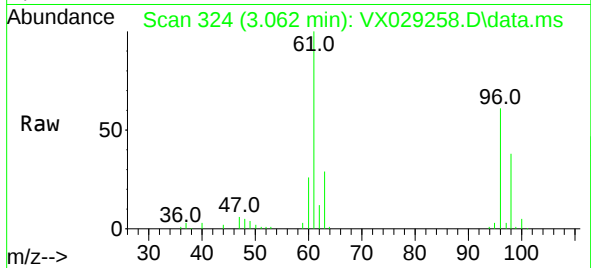




#15
Acrylonitrile
Concen: 0.215 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

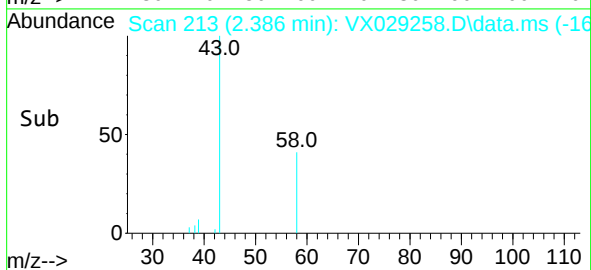
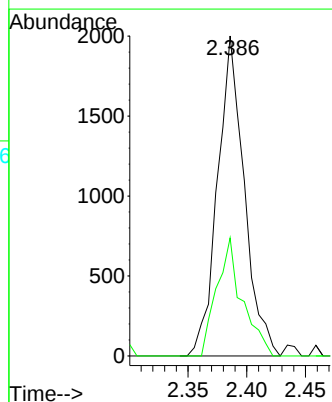
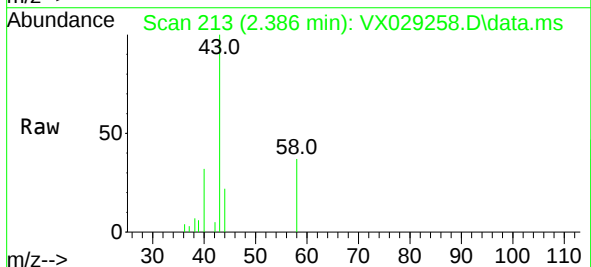
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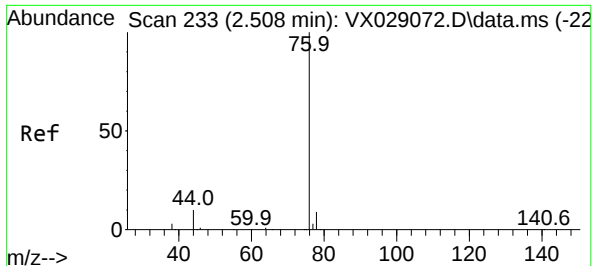
Tgt Ion: 53 Resp: 376
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 0.0 28.4 42.6#



#16
Acetone
Concen: 2.196 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

Tgt Ion: 43 Resp: 3171
Ion Ratio Lower Upper
43 100
58 36.9 28.8 43.2

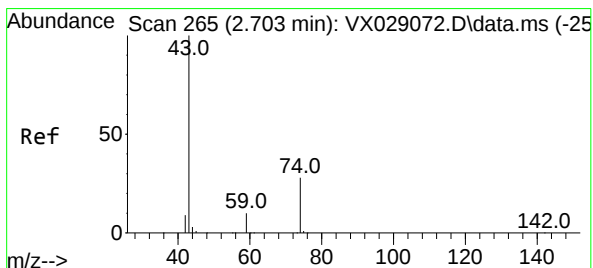
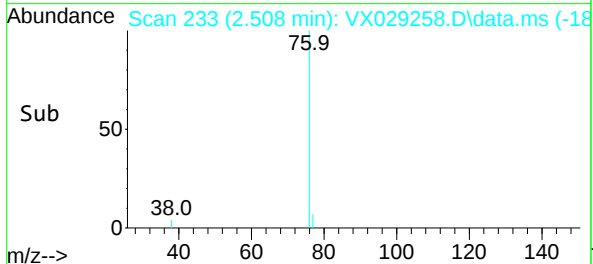
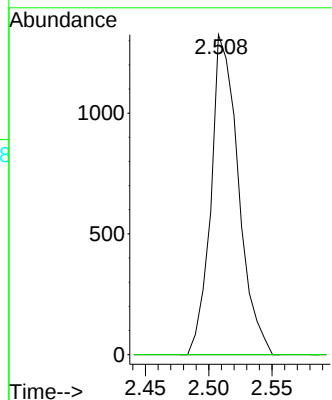
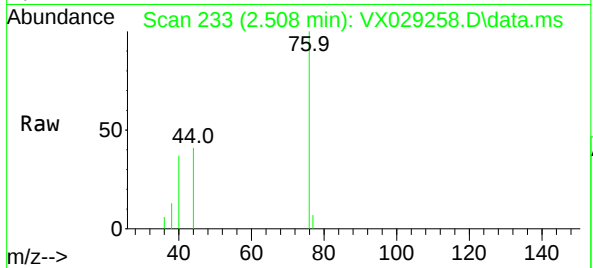




#17
Carbon Disulfide
Concen: 0.249 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

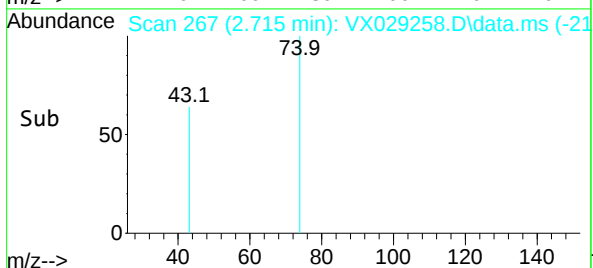
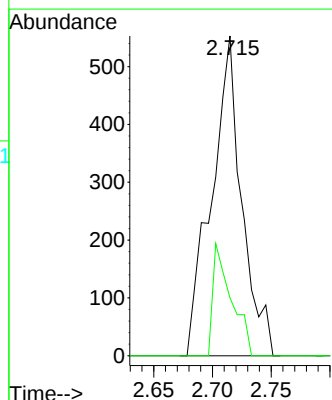
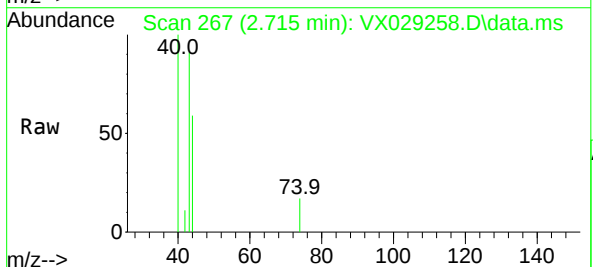
Instrument :
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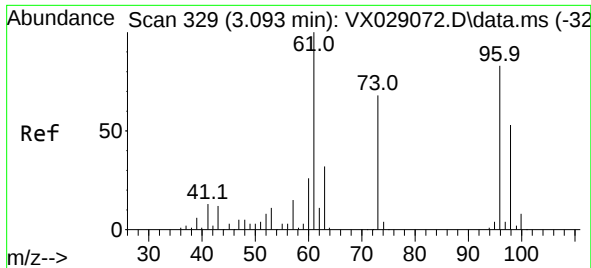
Tgt Ion: 76 Resp: 2003
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.265 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

Tgt Ion: 43 Resp: 989
Ion Ratio Lower Upper
43 100
74 21.5 22.8 34.2#

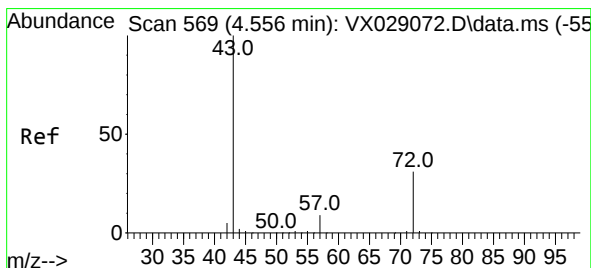
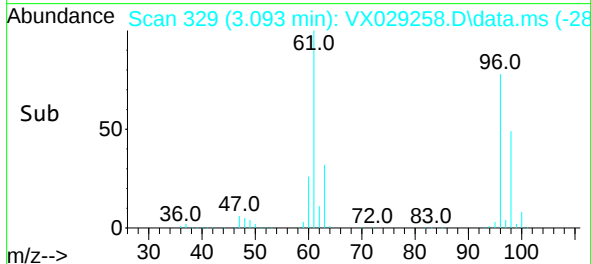
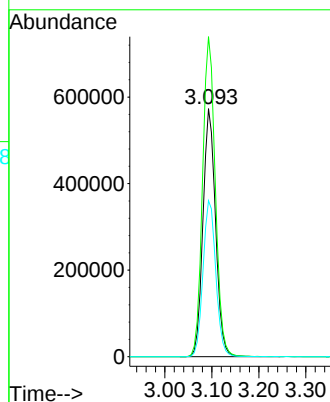
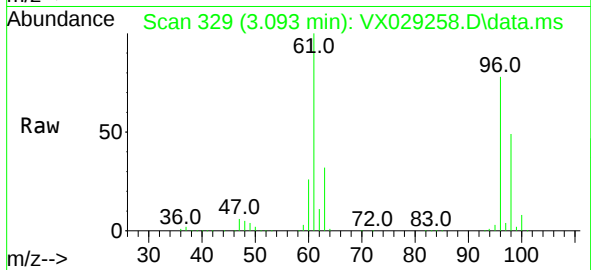




#21
trans-1,2-Dichloroethene
Concen: 321.365 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

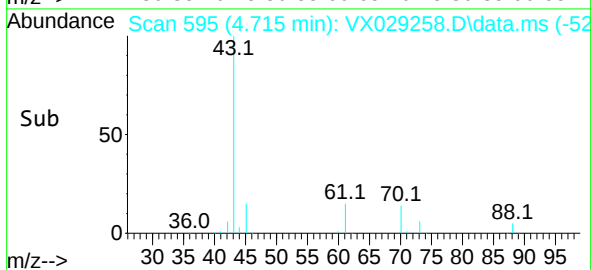
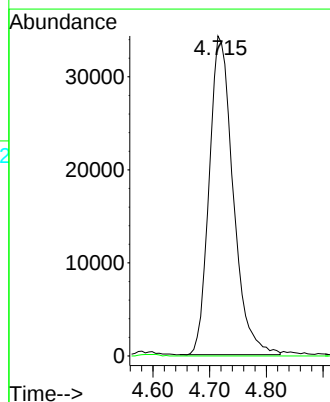
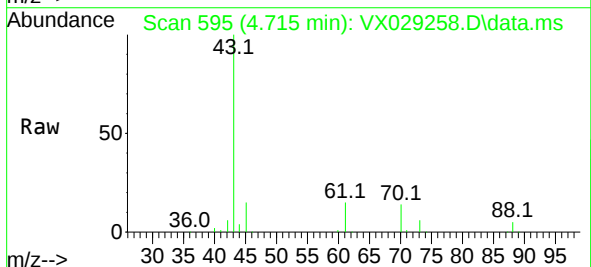
Instrument :
MSVOA_X
ClientSampleId :
46BR-20220601

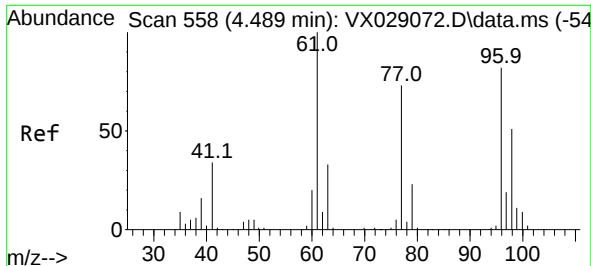
Tgt Ion: 96 Resp: 1062754
Ion Ratio Lower Upper
96 100
61 129.0 105.4 158.2
98 62.9 50.0 75.0



#25
2-Butanone
Concen: 43.157 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.159 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

Tgt Ion: 43 Resp: 100539
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#

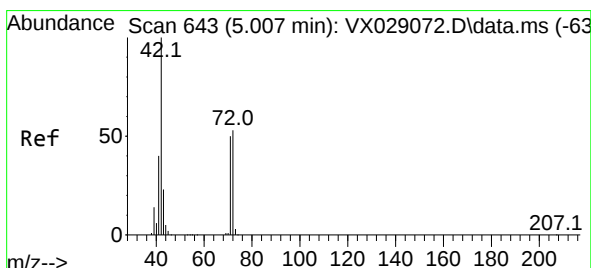
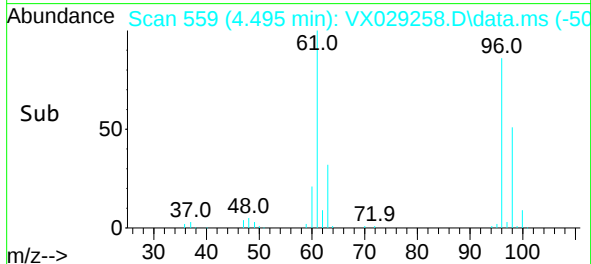
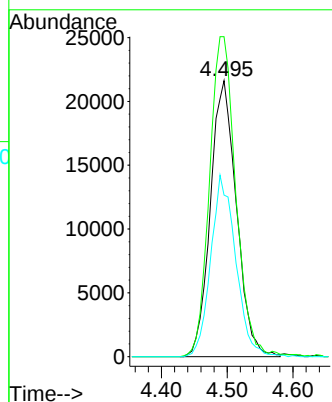
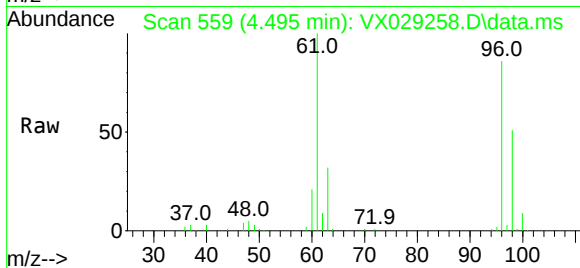




#27
cis-1,2-Dichloroethene
Concen: 15.132 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

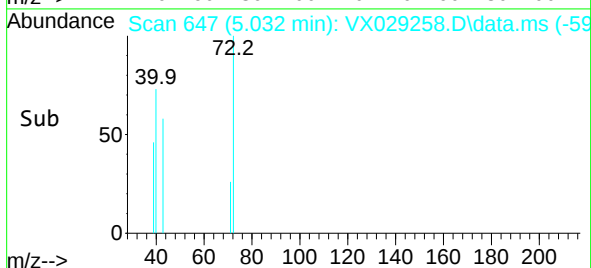
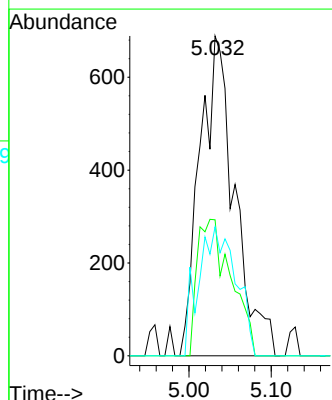
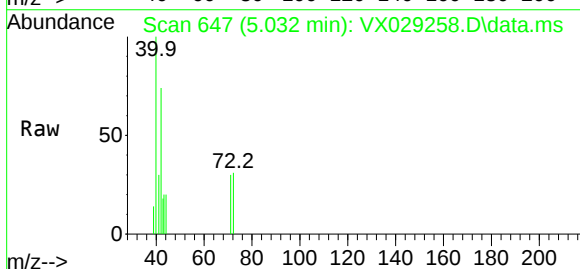
Instrument :
MSVOA_X
ClientSampleId :
46BR-20220601

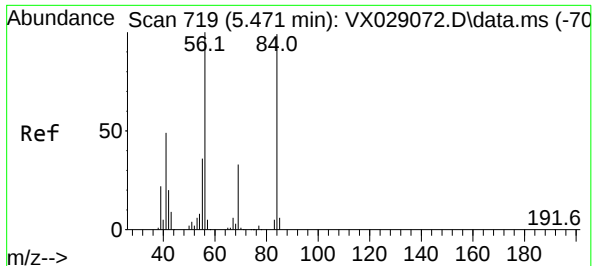
Tgt Ion: 96 Resp: 59679
Ion Ratio Lower Upper
96 100
61 117.4 0.0 283.8
98 62.9 0.0 129.8



#29
Tetrahydrofuran
Concen: 1.358 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.025 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

Tgt Ion: 42 Resp: 2029
Ion Ratio Lower Upper
42 100
72 41.4 44.1 66.1#
71 43.4 40.5 60.7

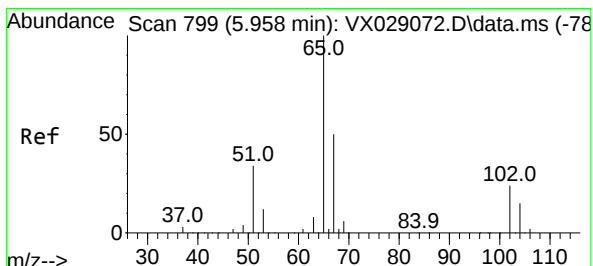
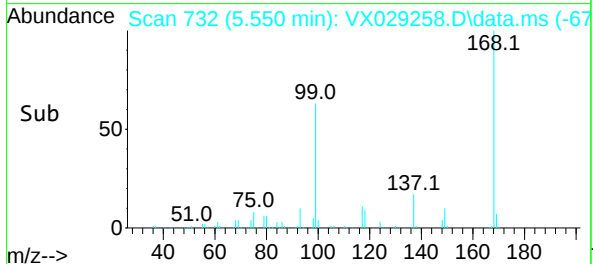
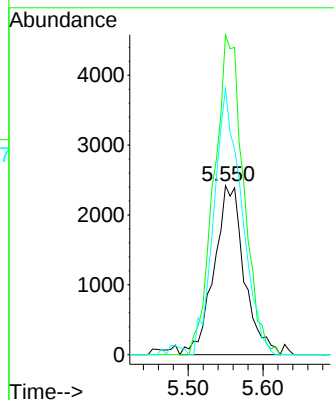
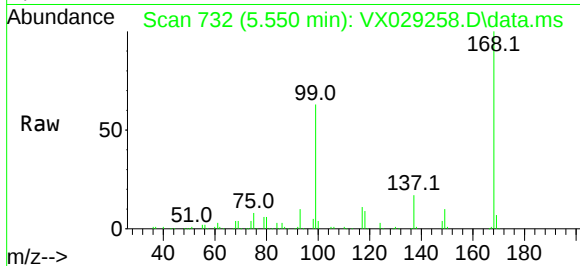




#31
Cyclohexane
Concen: 1.423 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

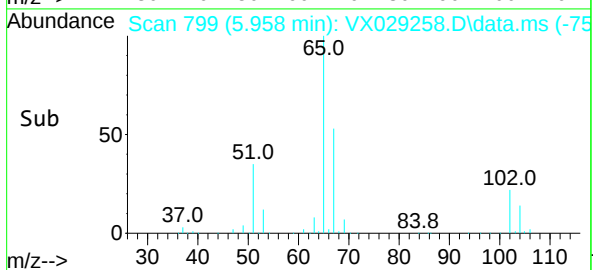
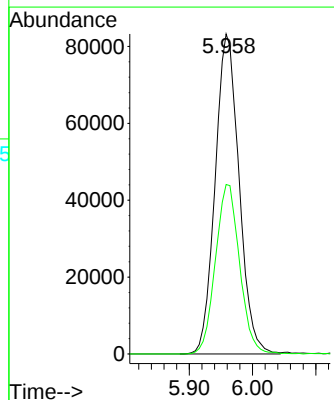
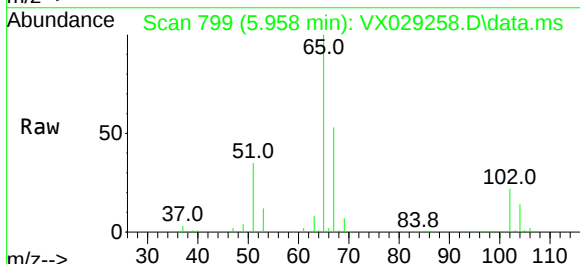
Instrument :
MSVOA_X
ClientSampleId :
46BR-20220601

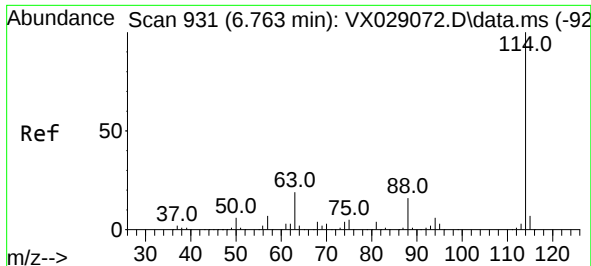
Tgt Ion: 56 Resp: 6784
Ion Ratio Lower Upper
56 100
69 189.3 26.7 40.1#
84 157.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 59.602 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

Tgt Ion: 65 Resp: 218589
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.4

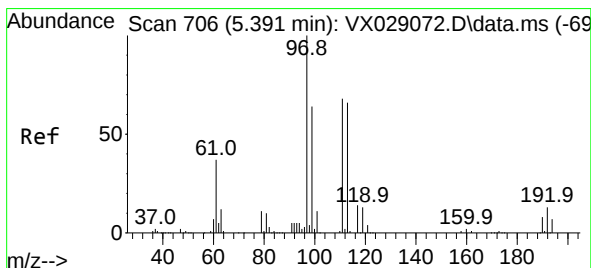
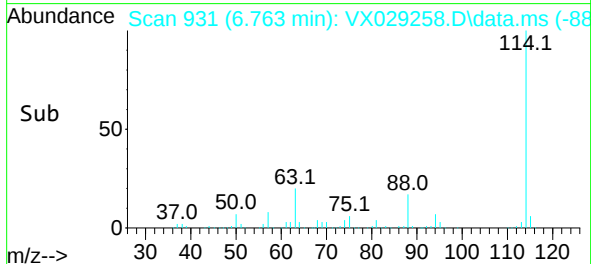
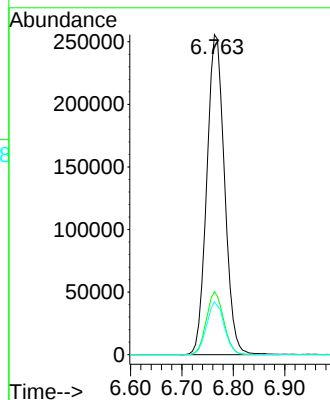
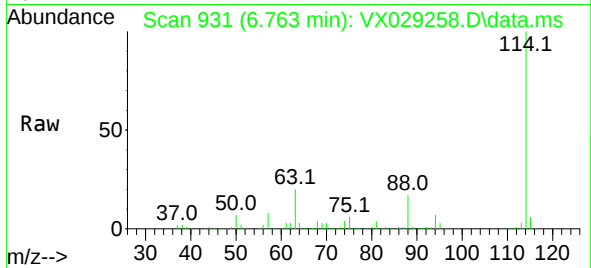




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

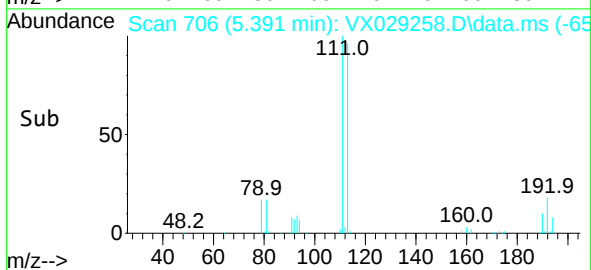
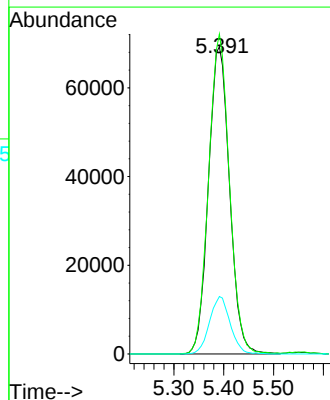
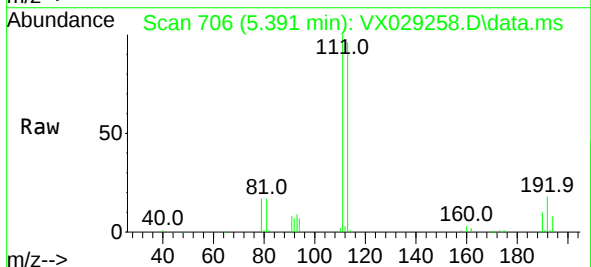
Instrument :
MSVOA_X
ClientSampleId :
46BR-20220601

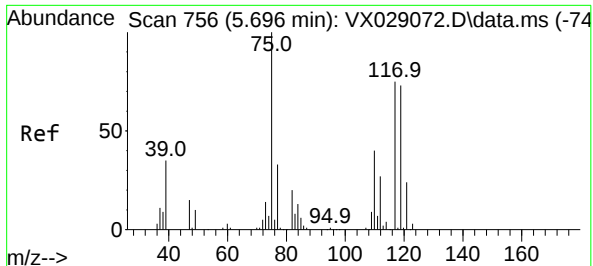
Tgt Ion:114 Resp: 612537
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.170 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

Tgt Ion:113 Resp: 204124
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 18.2 16.9 25.3

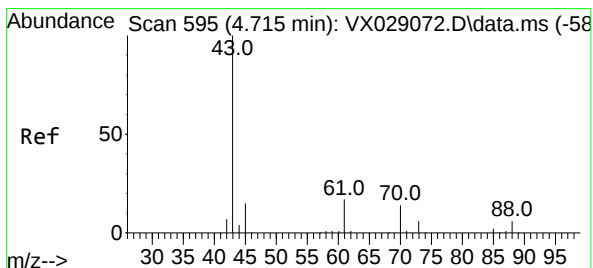
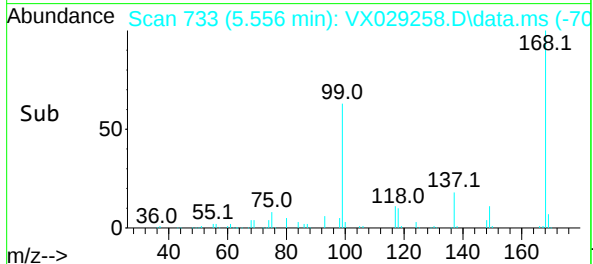
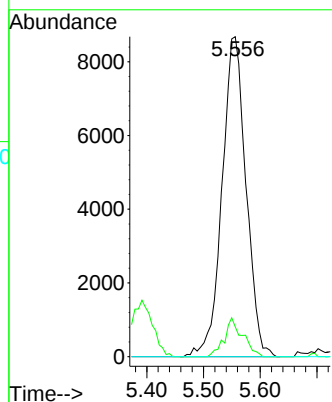
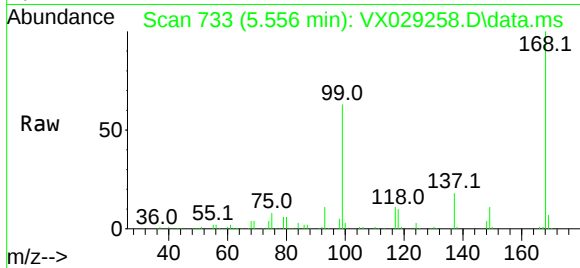




#36
1,1-Dichloropropene
Concen: 4.861 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

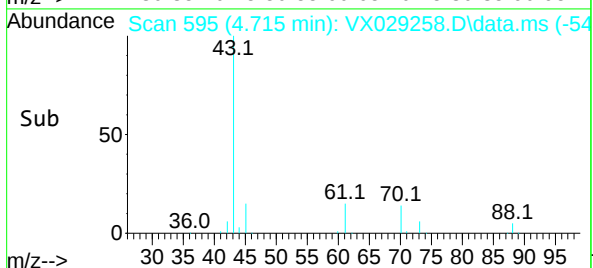
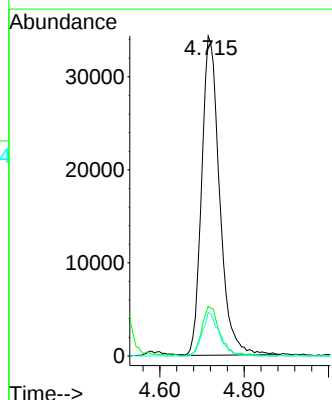
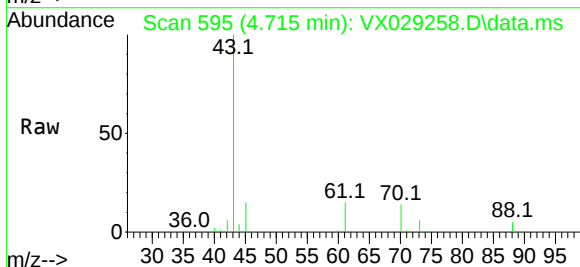
Instrument :
MSVOA_X
ClientSampleId :
46BR-20220601

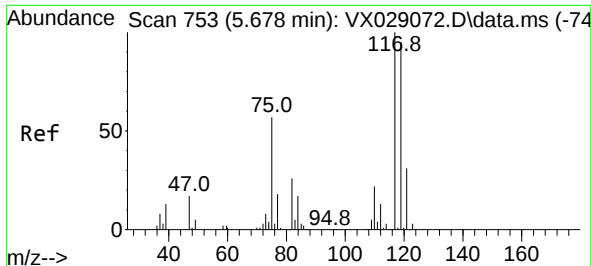
Tgt Ion: 75 Resp: 25446
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 20.050 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

Tgt Ion: 43 Resp: 101727
Ion Ratio Lower Upper
43 100
61 15.1 12.6 19.0
70 12.9 10.2 15.2

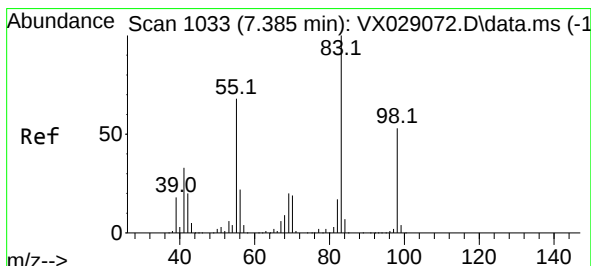
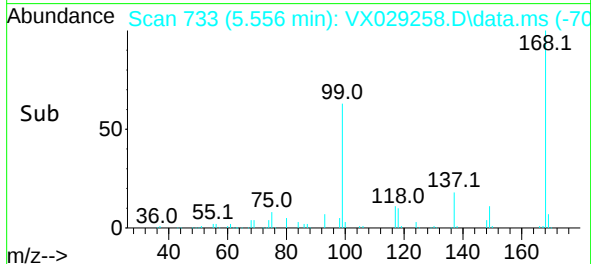
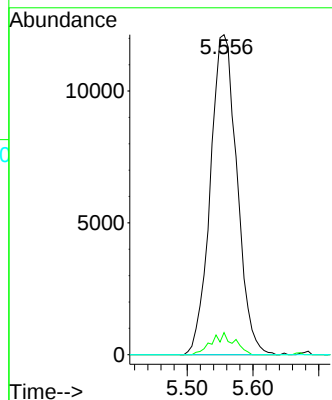
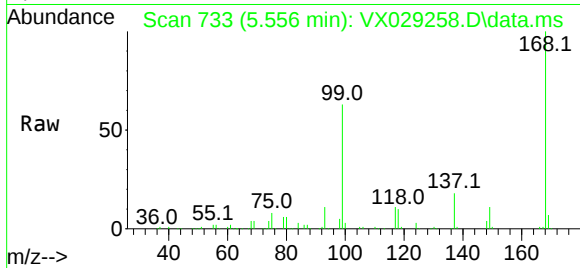




#38
Carbon Tetrachloride
Concen: 5.722 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

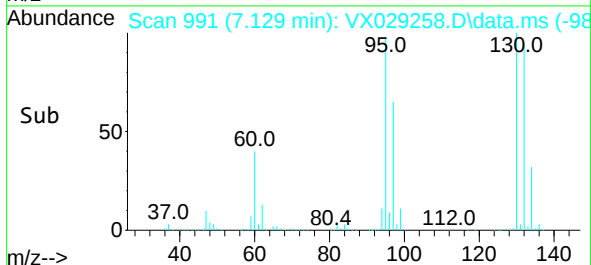
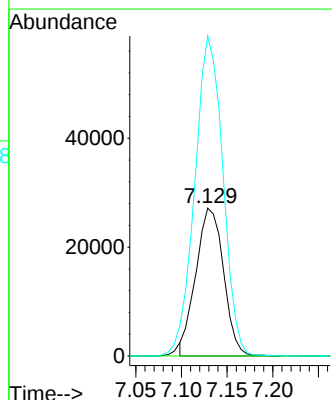
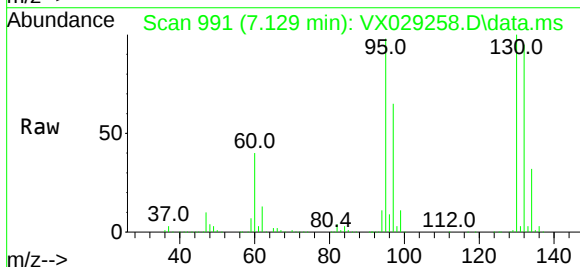
Instrument :
MSVOA_X
ClientSampleId :
46BR-20220601

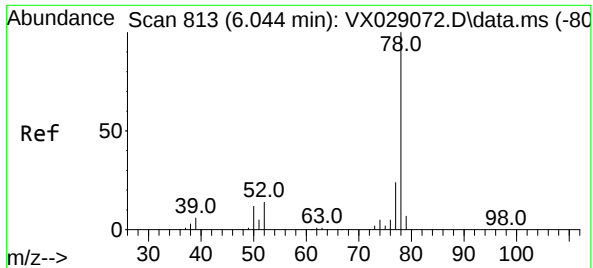
Tgt Ion:117 Resp: 34232
Ion Ratio Lower Upper
117 100
119 6.9 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 8.833 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

Tgt Ion: 83 Resp: 57162
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 216.4 37.4 56.2#





#40

Benzene

Concen: 0.407 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX029258.D

Acq: 07 Jun 2022 00:06

Instrument :

MSVOA_X

ClientSampleId :

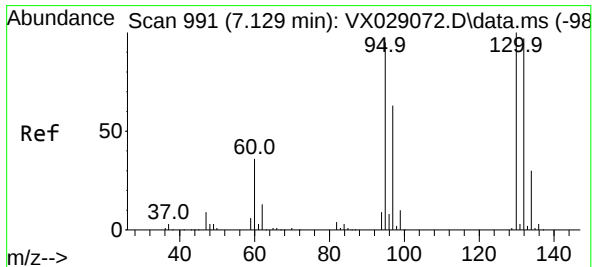
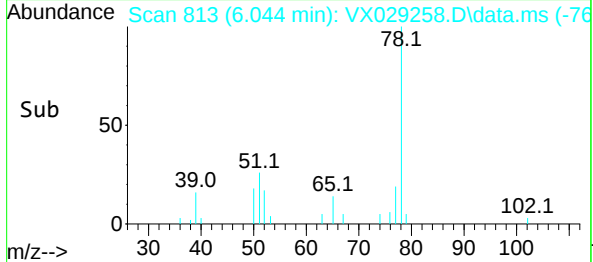
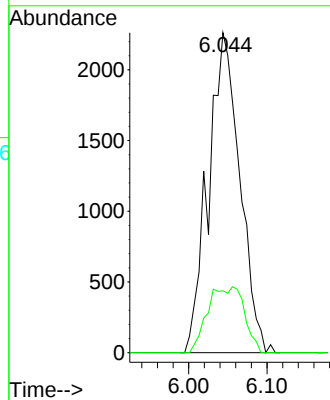
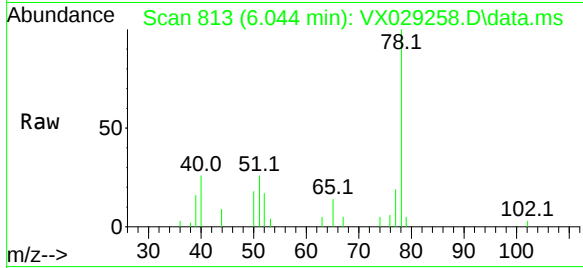
46BR-20220601

Tgt Ion: 78 Resp: 6310

Ion Ratio Lower Upper

78 100

77 19.4 19.3 28.9



#44

Trichloroethene

Concen: 1078.131 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029258.D

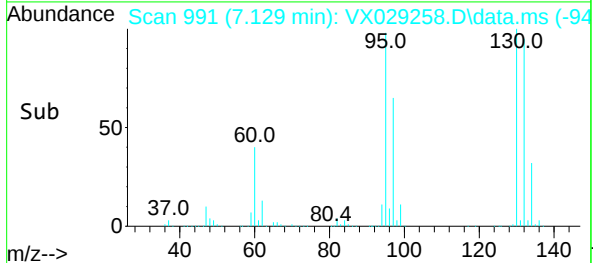
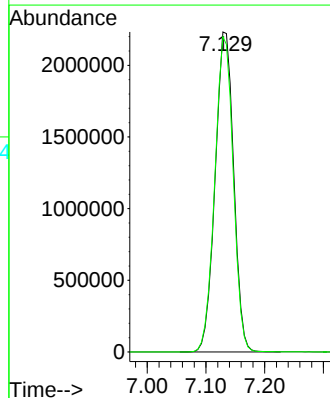
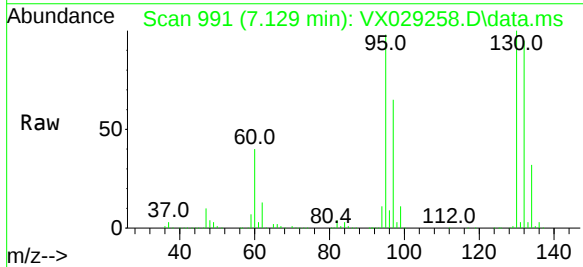
Acq: 07 Jun 2022 00:06

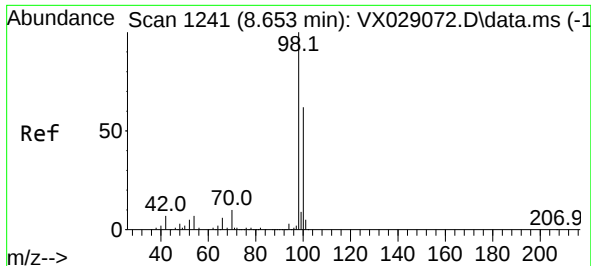
Tgt Ion:130 Resp: 4889370

Ion Ratio Lower Upper

130 100

95 98.5 0.0 188.8

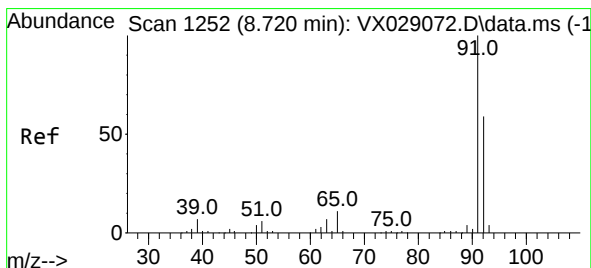
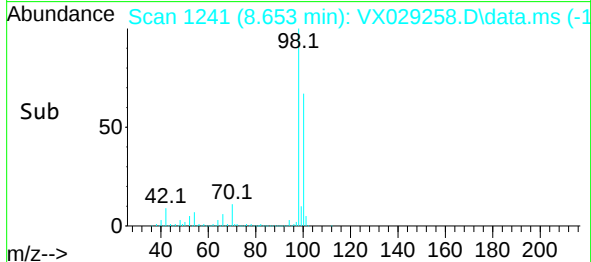
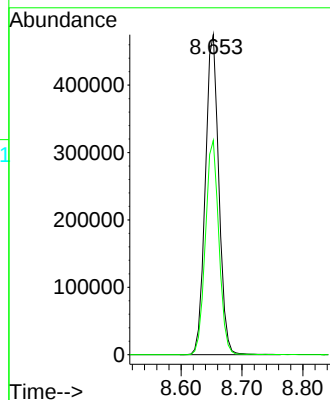
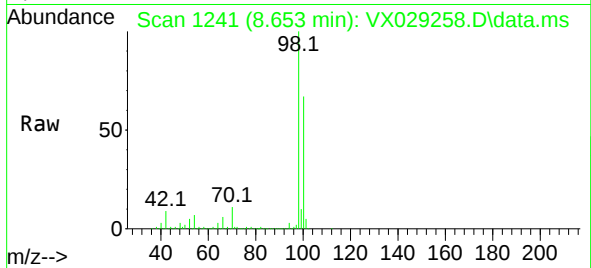




#50
Toluene-d8
Concen: 49.092 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

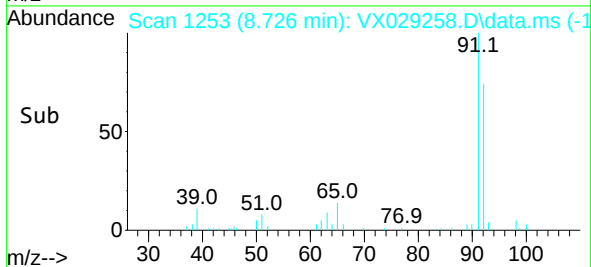
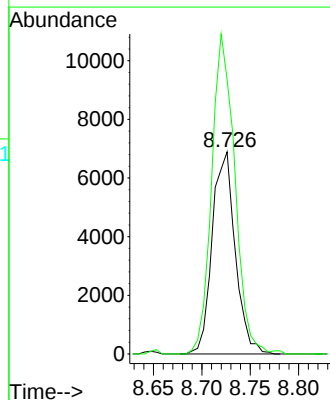
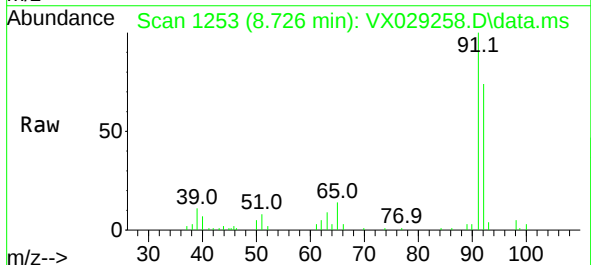
Instrument :
MSVOA_X
ClientSampleId :
46BR-20220601

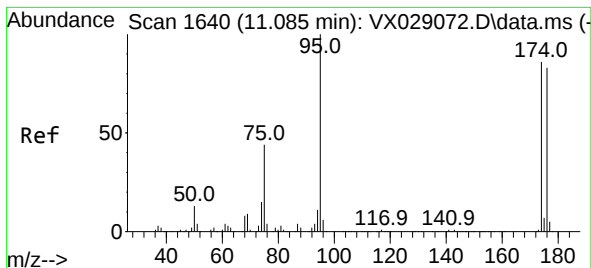
Tgt Ion: 98 Resp: 730518
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8



#52
Toluene
Concen: 1.101 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

Tgt Ion: 92 Resp: 11405
Ion Ratio Lower Upper
92 100
91 159.4 137.5 206.3

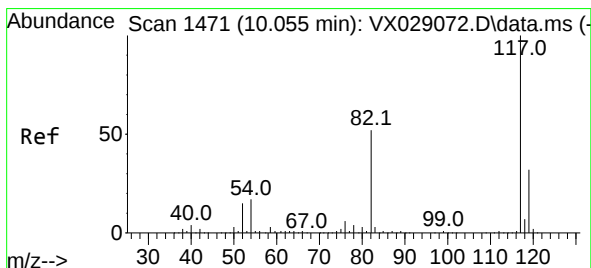
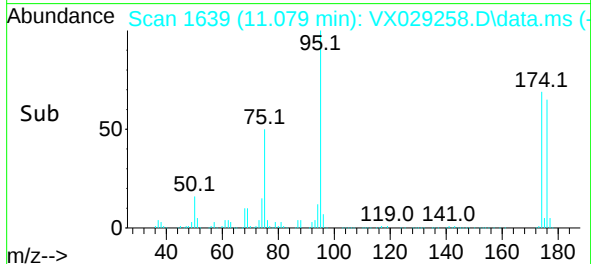
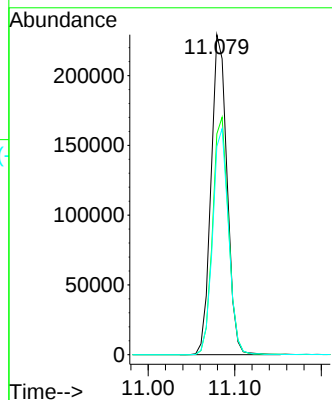
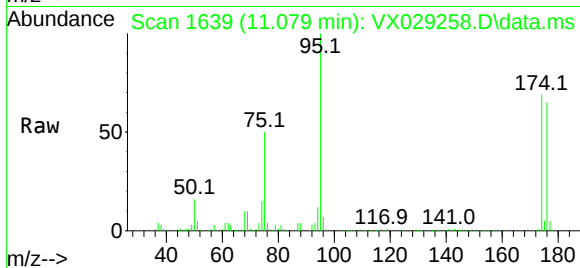




#62
4-Bromofluorobenzene
Concen: 51.097 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

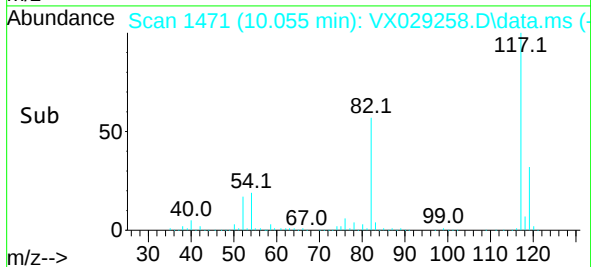
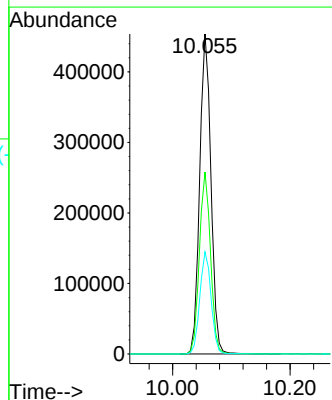
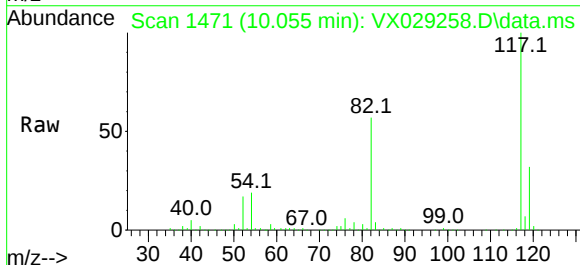
Instrument :
MSVOA_X
ClientSampleId :
46BR-20220601

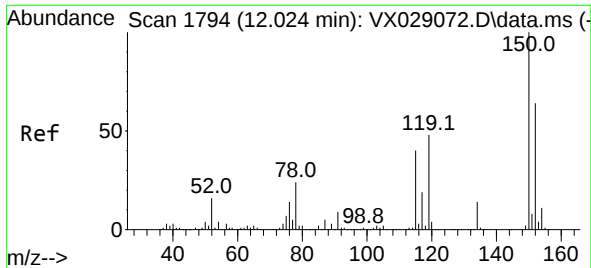
Tgt Ion: 95 Resp: 293918
Ion Ratio Lower Upper
95 100
174 73.6 0.0 163.0
176 70.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

Tgt Ion: 117 Resp: 602251
Ion Ratio Lower Upper
117 100
82 56.8 41.8 62.8
119 31.9 24.8 37.2

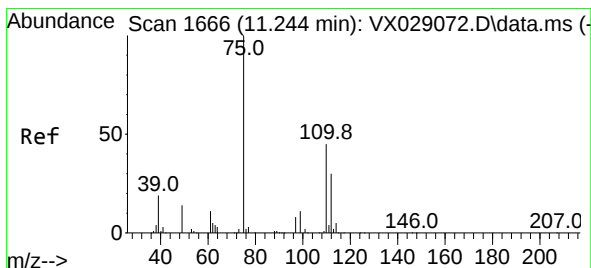
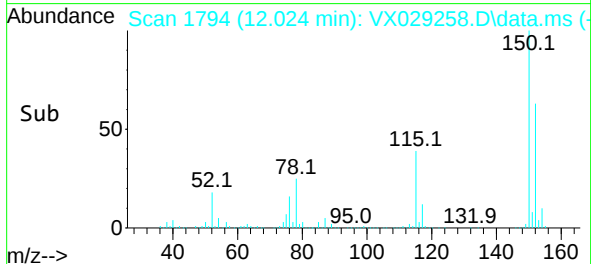
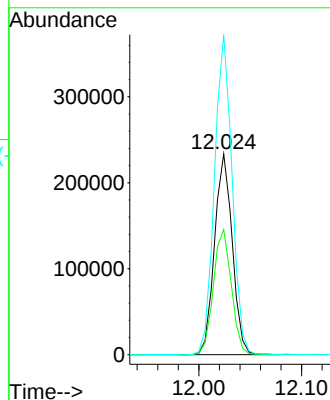
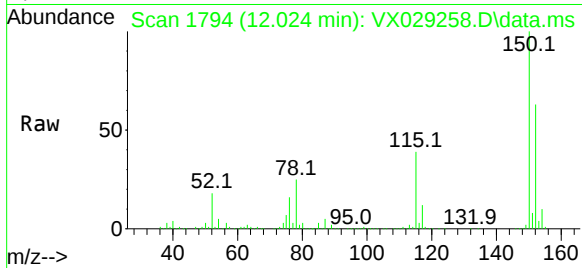




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029258.D
 Acq: 07 Jun 2022 00:06

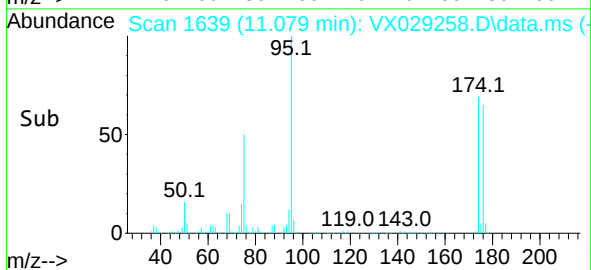
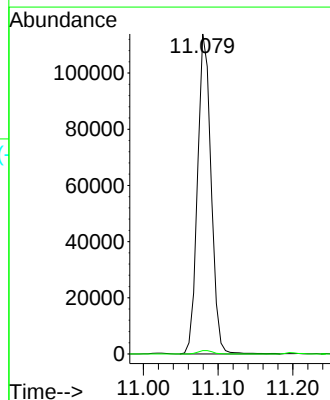
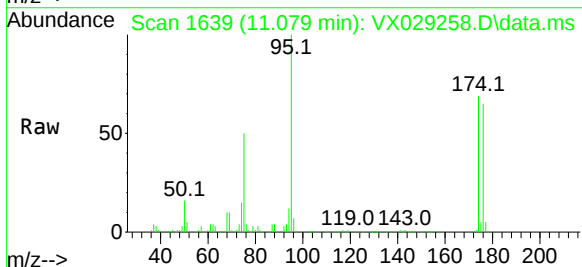
Instrument :
 MSVOA_X
 ClientSampleId :
 46BR-20220601

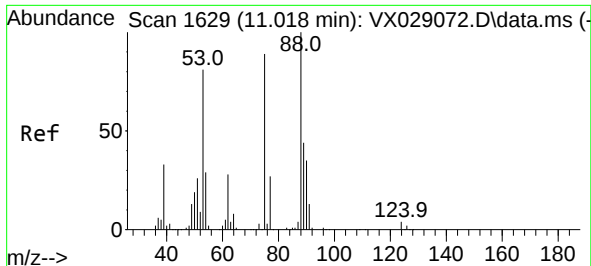
Tgt Ion:152 Resp: 280025
 Ion Ratio Lower Upper
 152 100
 115 63.2 37.5 112.7
 150 158.3 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 25.286 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029258.D
 Acq: 07 Jun 2022 00:06

Tgt Ion: 75 Resp: 143538
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

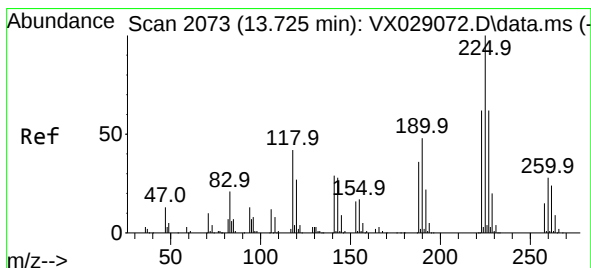
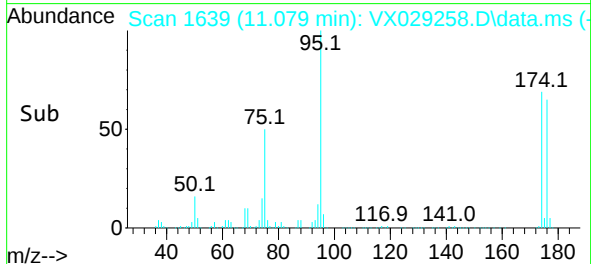
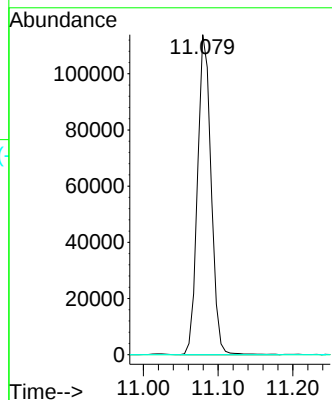
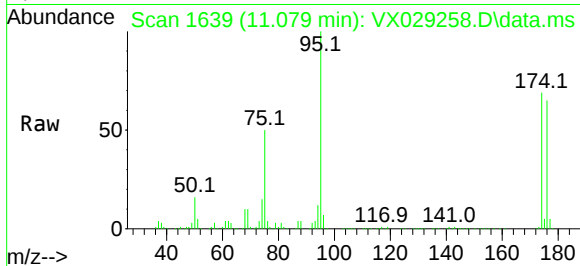




#81
trans-1,4-Dichloro-2-butene
Concen: 74.184 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX029258.D
Acq: 07 Jun 2022 00:06

Instrument :
MSVOA_X
ClientSampleId :
46BR-20220601

Tgt Ion: 75 Resp: 143538
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: VX029258.D
Acq: 07 Jun 2022 00:06

Tgt Ion: 225 Resp: 575
Ion Ratio Lower Upper
225 100
223 74.6 34.2 102.5
227 70.4 33.9 101.7

