

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029098.D
 Acq On : 01 Jun 2022 00:43
 Operator : JC/MD
 Sample : N3022-14 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 29BR-20220525

Quant Time: Jun 01 05:03:50 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)

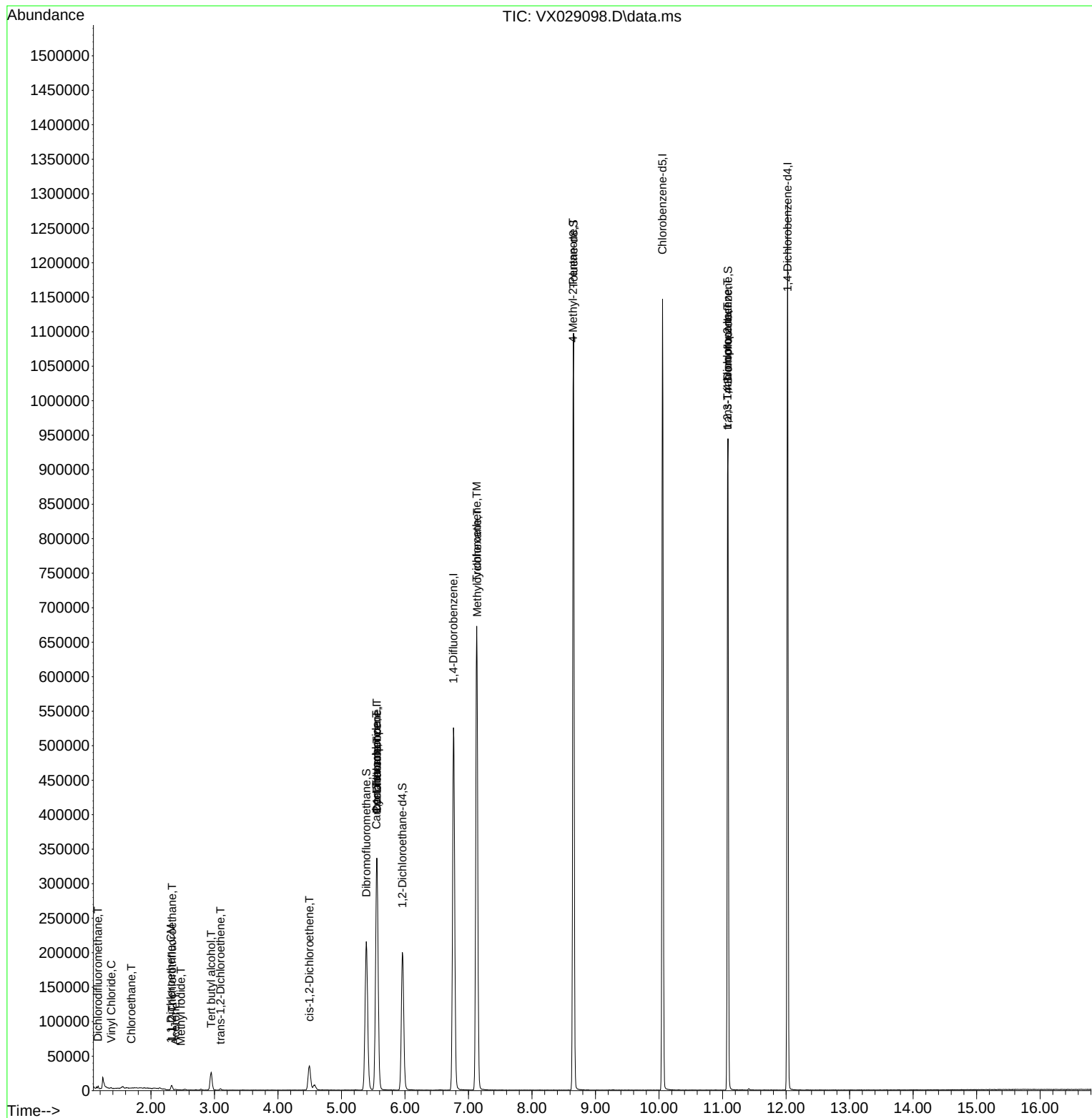
Internal Standards						
1) Pentafluorobenzene	5.556	168	333698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	576770	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	570393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	274656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194669	51.734	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.460%
35) Dibromofluoromethane	5.391	113	191208	49.910	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.820%
50) Toluene-d8	8.653	98	678139	48.398	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.800%
62) 4-Bromofluorobenzene	11.085	95	265537	49.026	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2172	0.749	ug/l	99
4) Vinyl Chloride	1.374	62	781	0.234	ug/l #	48
5) Bromomethane	1.611	94	683	Below Cal		93
6) Chloroethane	1.691	64	286	1.500	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	1753	0.570	ug/l	86
10) Methyl Iodide	2.471	142	308	4.302	ug/l #	84
11) Tert butyl alcohol	2.947	59	14675	16.835	ug/l #	75
12) 1,1-Dichloroethene	2.313	96	1147	0.381	ug/l	91
16) Acetone	2.386	43	1247	0.842	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	1011	0.298	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	25171	6.220	ug/l	84
31) Cyclohexane	5.556	56	5623	1.149	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22871	4.640	ug/l #	49
38) Carbon Tetrachloride	5.550	117	33037	5.864	ug/l #	15
39) Methylcyclohexane	7.135	83	3099	0.509	ug/l #	1
44) Trichloroethene	7.129	130	282876	65.575	ug/l	100
51) 4-Methyl-2-Pentanone	8.647	43	2513	0.506	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	124517	22.364	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	124517	65.612	ug/l #	15

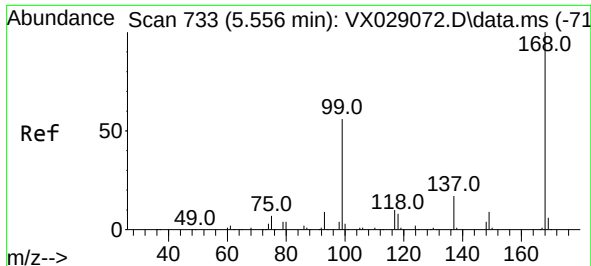
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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29BR-20220525

Quant Time: Jun 01 05:03:50 2022
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Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

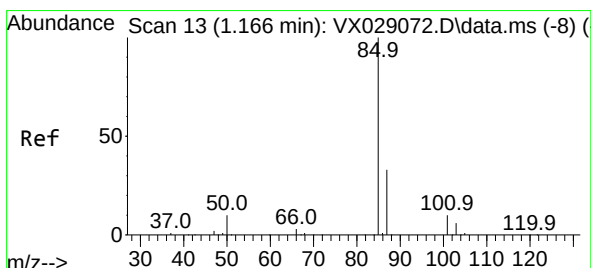
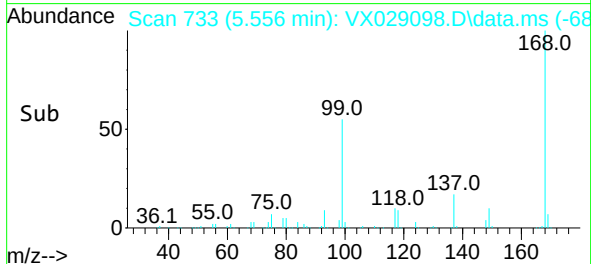
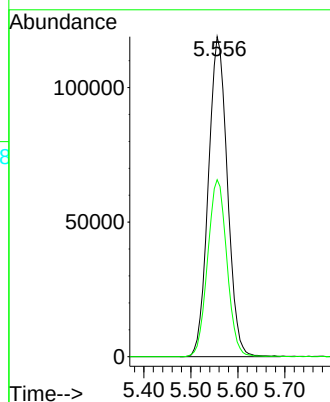
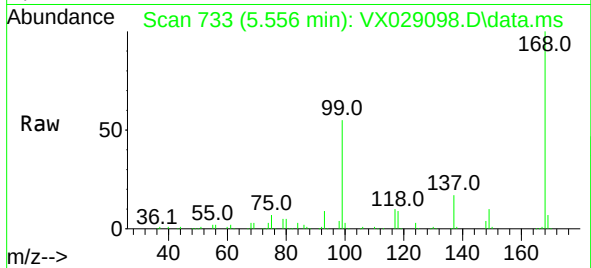




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

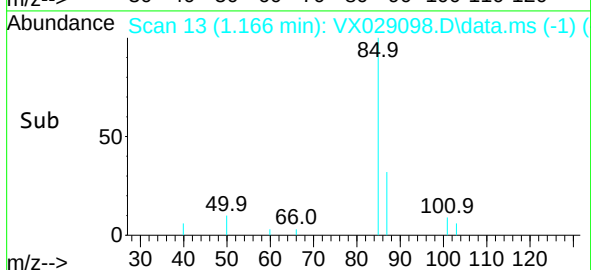
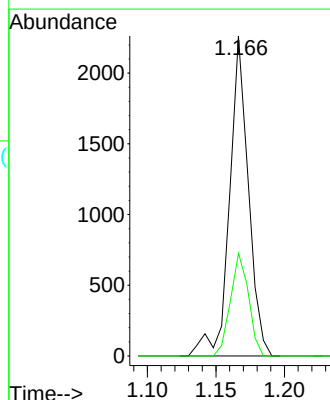
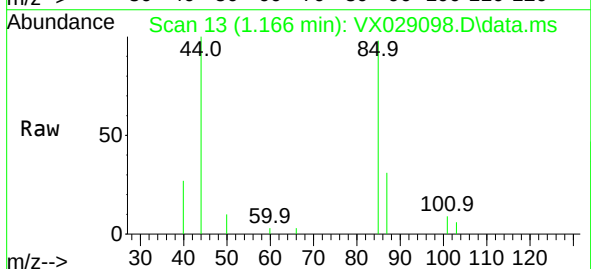
Instrument :
MSVOA_X
ClientSampleId :
29BR-20220525

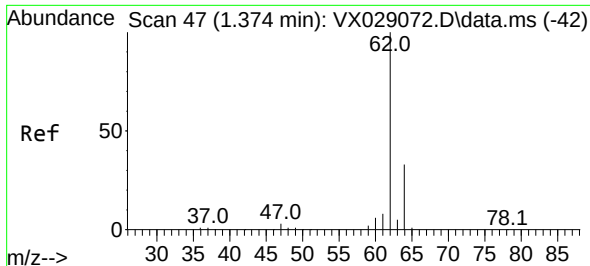
Tgt Ion:168 Resp: 333698
Ion Ratio Lower Upper
168 100
99 55.3 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.749 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

Tgt Ion: 85 Resp: 2172
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.6

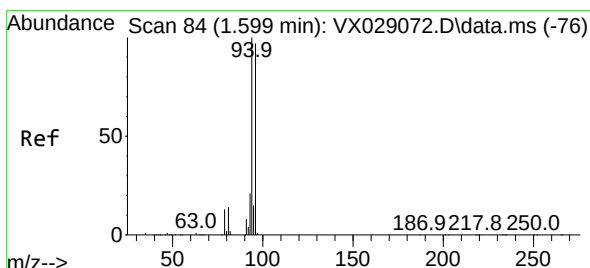
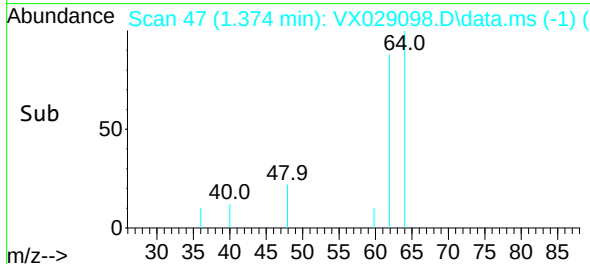
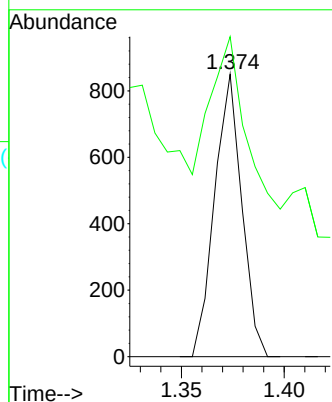
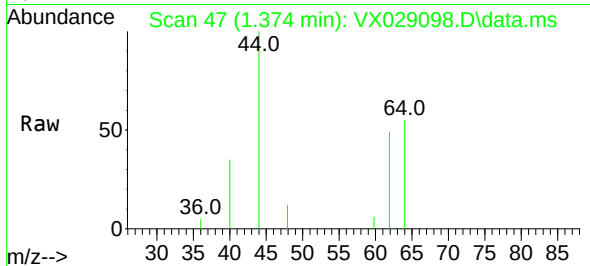




#4
 Vinyl Chloride
 Concen: 0.234 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029098.D
 Acq: 01 Jun 2022 00:43

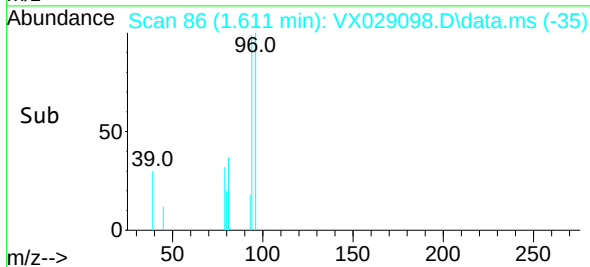
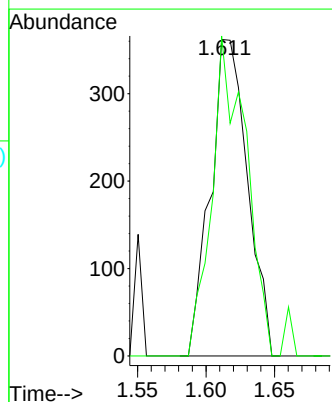
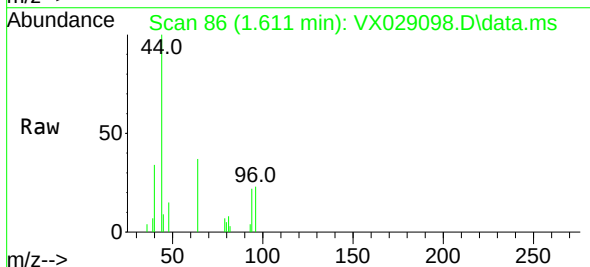
Instrument :
 MSVOA_X
 ClientSampleId :
 29BR-20220525

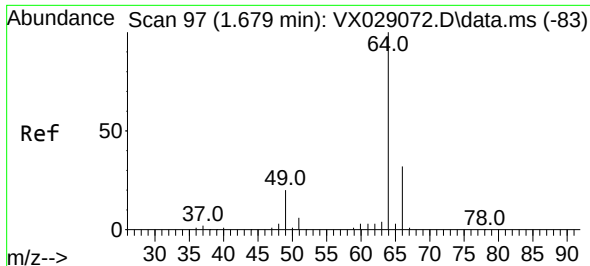
Tgt Ion: 62 Resp: 781
 Ion Ratio Lower Upper
 62 100
 64 61.1 25.5 38.3#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.611 min Scan# 86
 Delta R.T. 0.012 min
 Lab File: VX029098.D
 Acq: 01 Jun 2022 00:43

Tgt Ion: 94 Resp: 683
 Ion Ratio Lower Upper
 94 100
 96 101.1 75.3 112.9

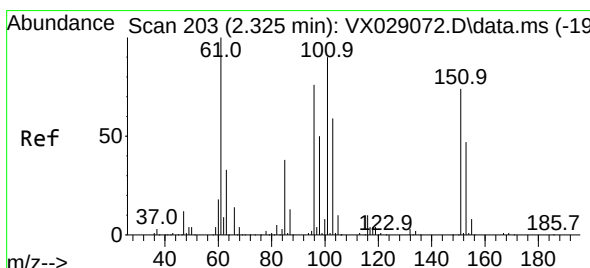
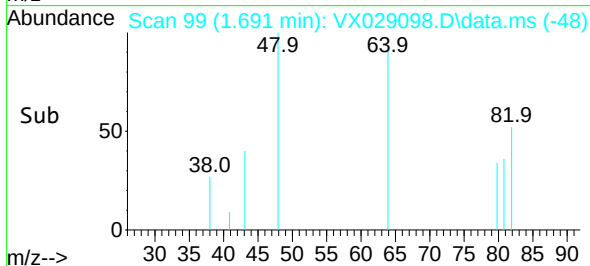
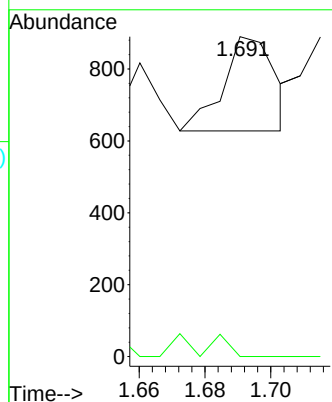
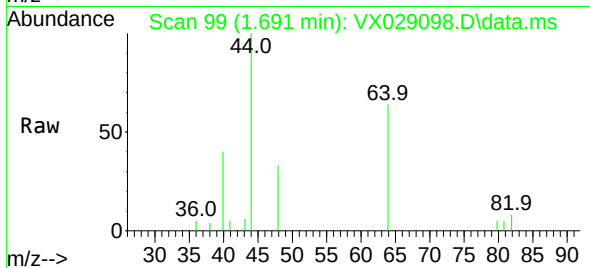




#6
Chloroethane
Concen: 1.500 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

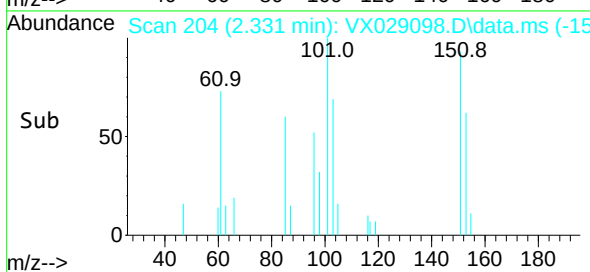
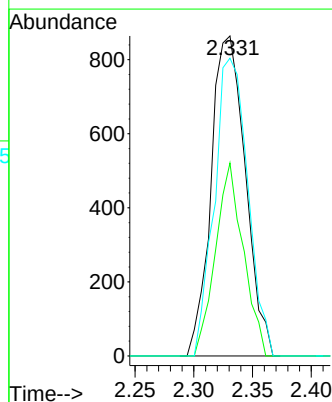
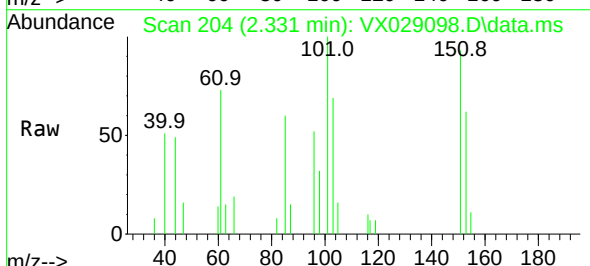
Instrument :
MSVOA_X
ClientSampleId :
29BR-20220525

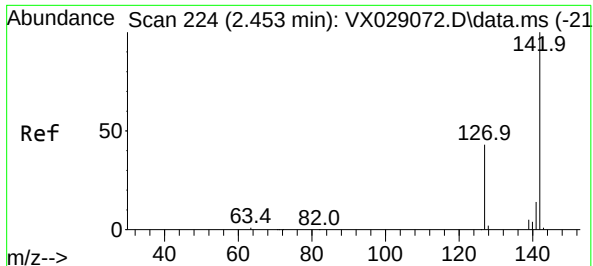
Tgt Ion: 64 Resp: 286
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.570 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

Tgt Ion: 101 Resp: 1753
Ion Ratio Lower Upper
101 100
85 48.9 33.5 50.3
151 90.9 61.8 92.6

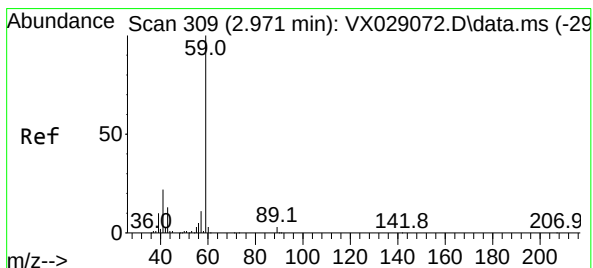
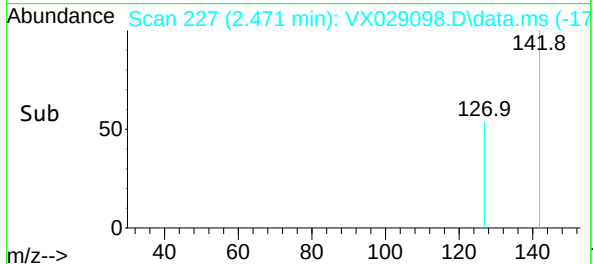
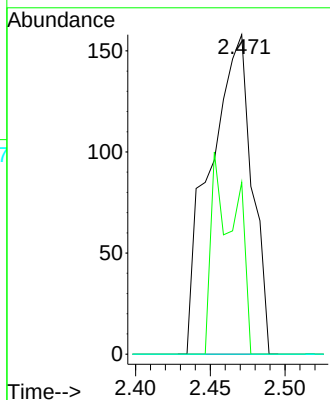
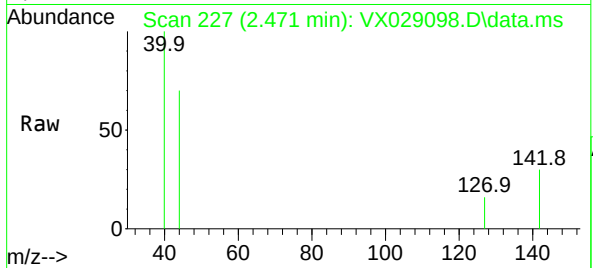




#10
Methyl Iodide
Concen: 4.302 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

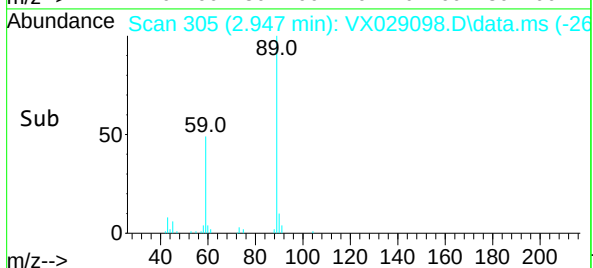
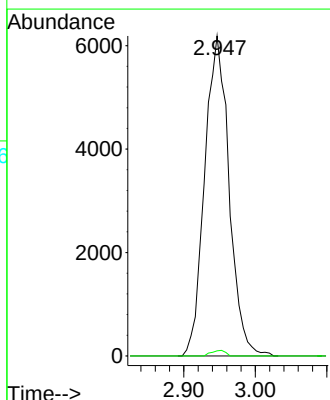
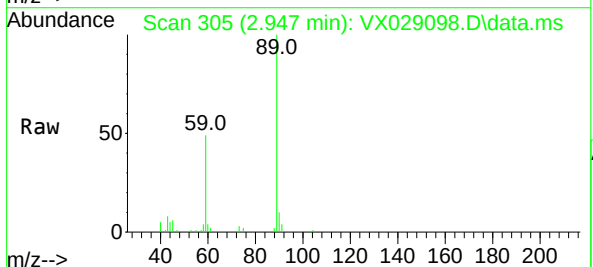
Instrument :
MSVOA_X
ClientSampleId :
29BR-20220525

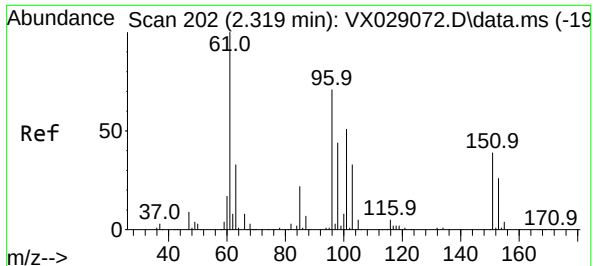
Tgt Ion:142 Resp: 308
Ion Ratio Lower Upper
142 100
127 36.4 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 16.835 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

Tgt Ion: 59 Resp: 14675
Ion Ratio Lower Upper
59 100
57 1.0 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 0.381 ug/l

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX029098.D

Acq: 01 Jun 2022 00:43

Instrument :

MSVOA_X

ClientSampleId :

29BR-20220525

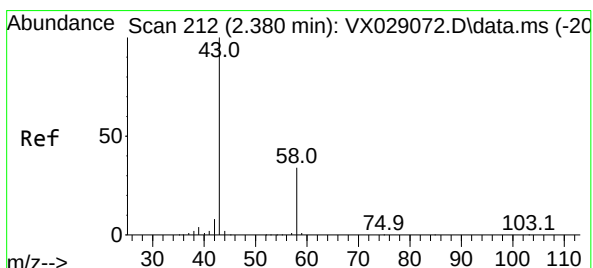
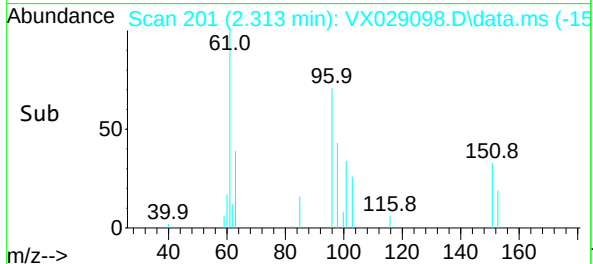
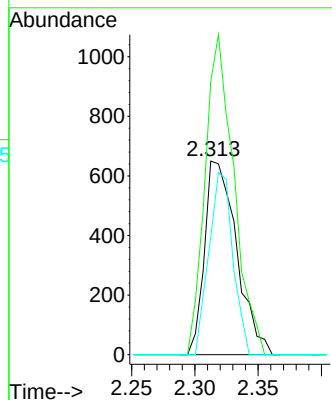
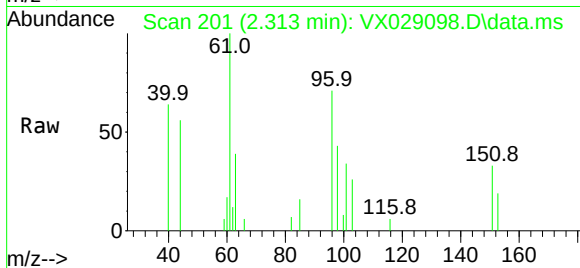
Tgt Ion: 96 Resp: 1147

Ion Ratio Lower Upper

96 100

61 141.1 124.6 187.0

98 60.8 51.0 76.4



#16

Acetone

Concen: 0.842 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX029098.D

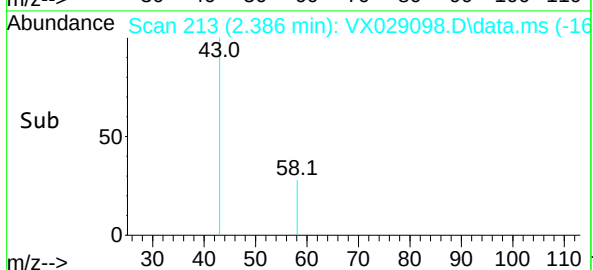
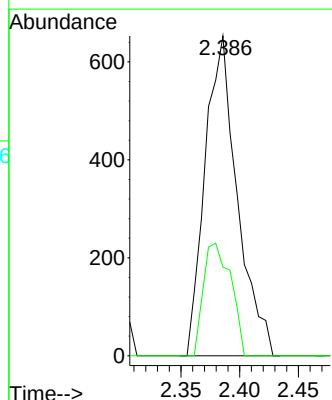
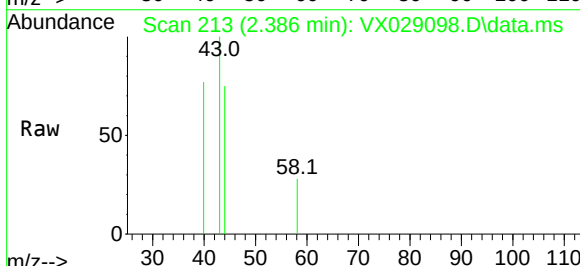
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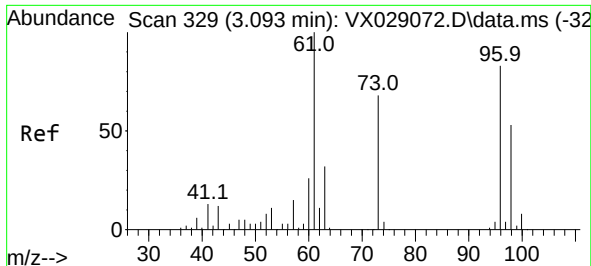
Tgt Ion: 43 Resp: 1247

Ion Ratio Lower Upper

43 100

58 27.7 28.8 43.2#

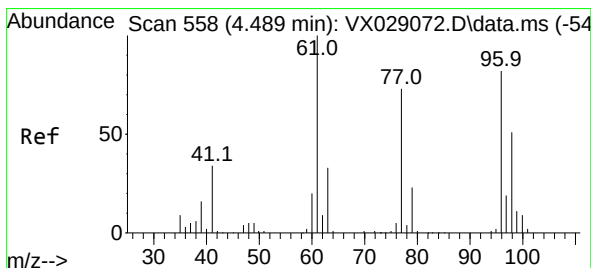
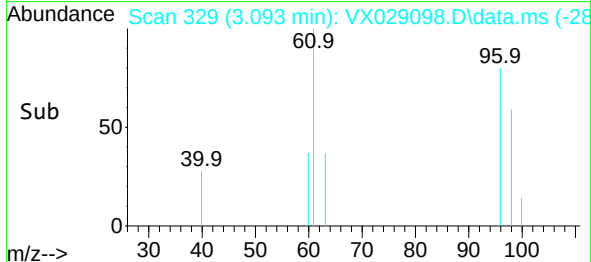
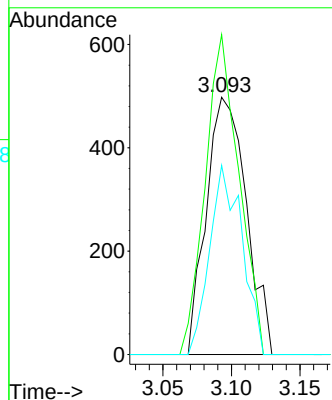
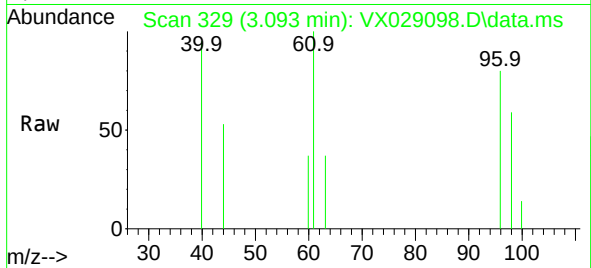




#21
trans-1,2-Dichloroethene
Concen: 0.298 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

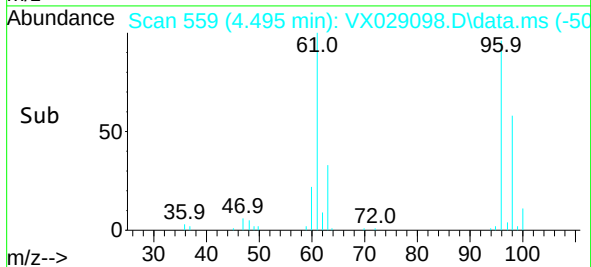
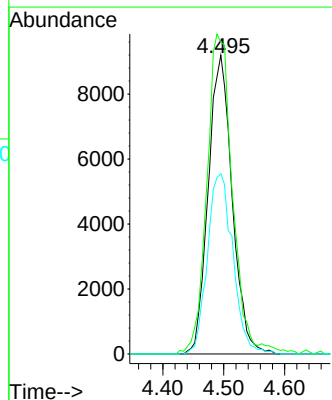
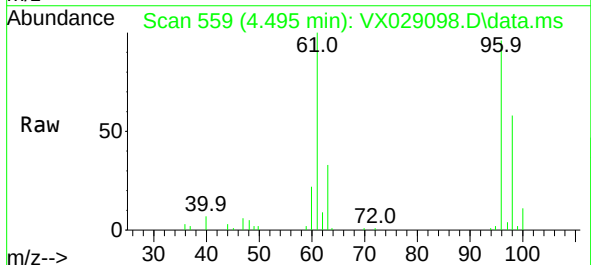
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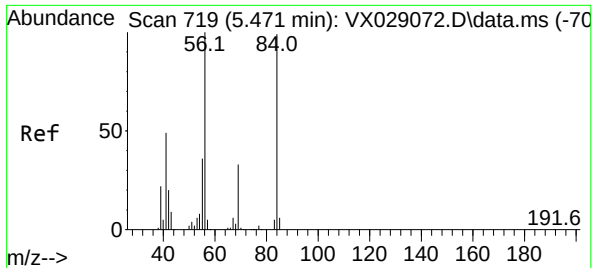
Tgt Ion: 96 Resp: 1011
Ion Ratio Lower Upper
96 100
61 124.3 105.4 158.2
98 73.5 50.0 75.0



#27
cis-1,2-Dichloroethene
Concen: 6.220 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

Tgt Ion: 96 Resp: 25171
Ion Ratio Lower Upper
96 100
61 114.8 0.0 283.8
98 63.9 0.0 129.8

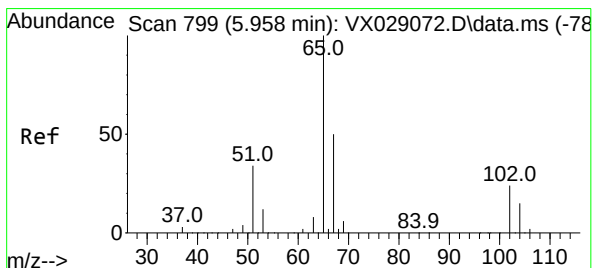
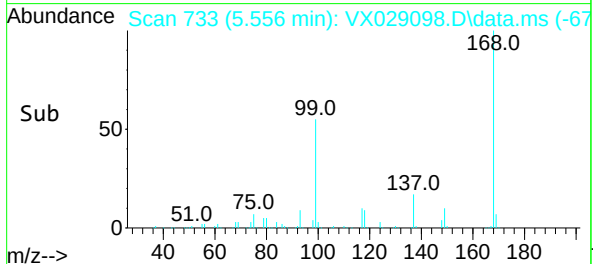
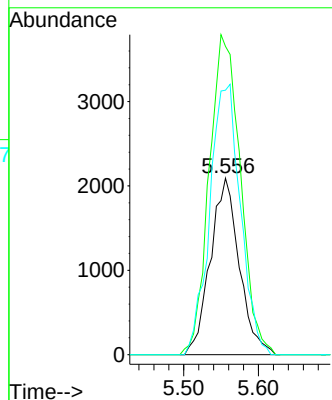
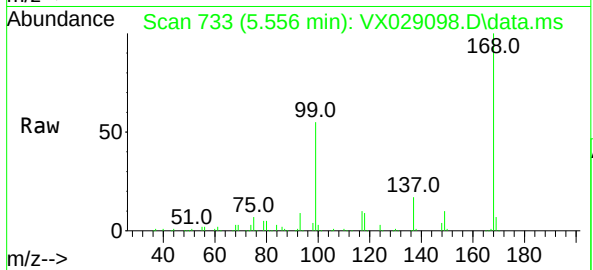




#31
Cyclohexane
Concen: 1.149 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

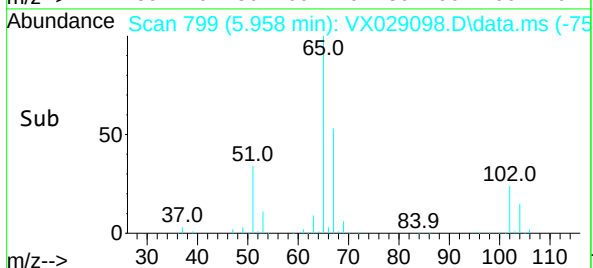
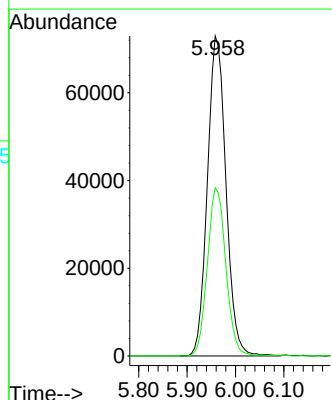
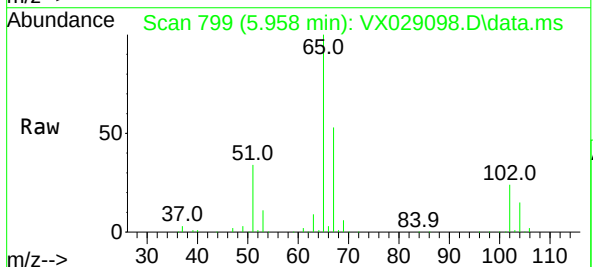
Instrument :
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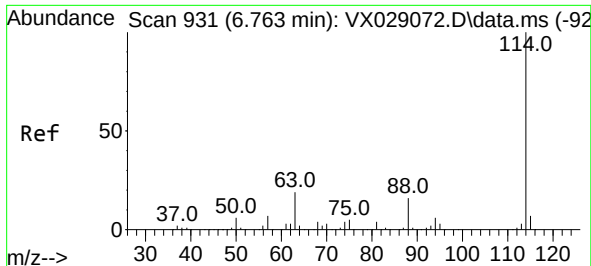
Tgt Ion: 56 Resp: 5623
Ion Ratio Lower Upper
56 100
69 174.7 26.7 40.1#
84 149.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 51.734 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

Tgt Ion: 65 Resp: 194669
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4

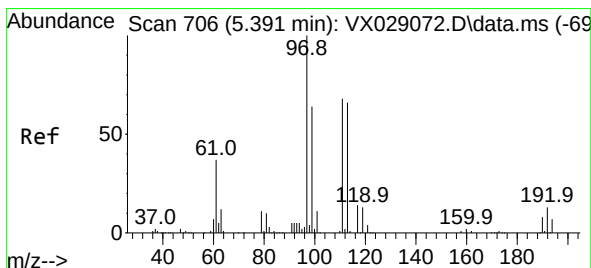
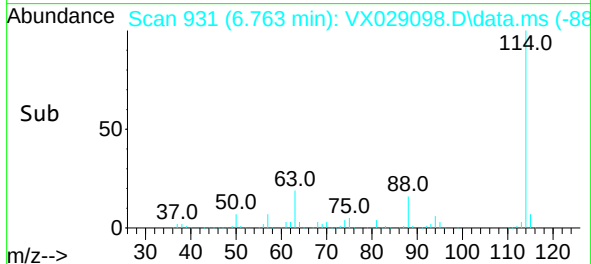
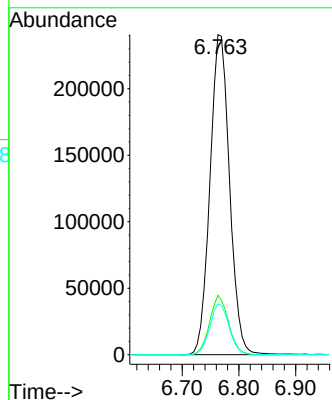
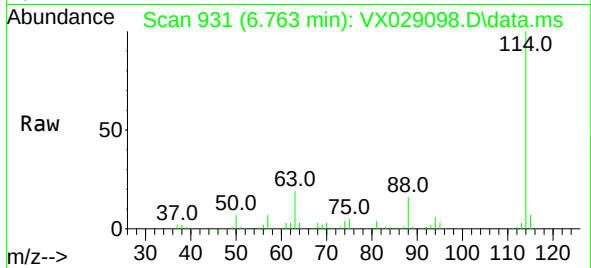




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

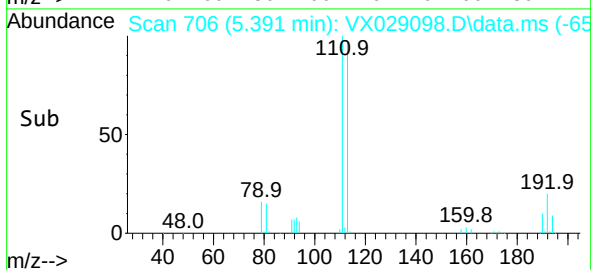
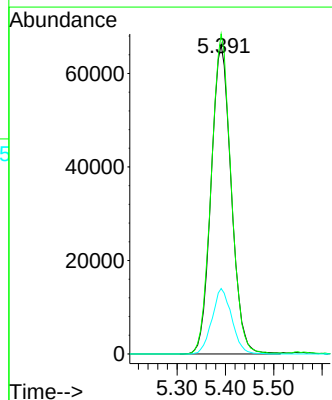
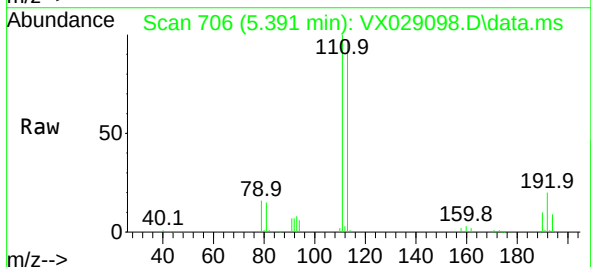
Instrument :
MSVOA_X
ClientSampleId :
29BR-20220525

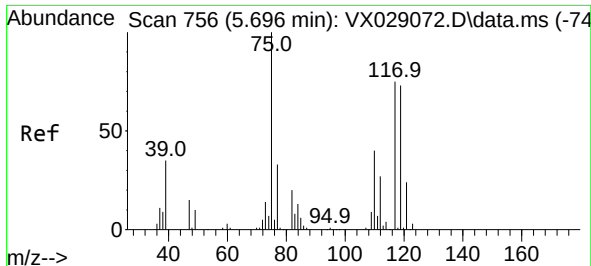
Tgt Ion:114 Resp: 576770
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.910 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

Tgt Ion:113 Resp: 191208
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 20.8 16.9 25.3

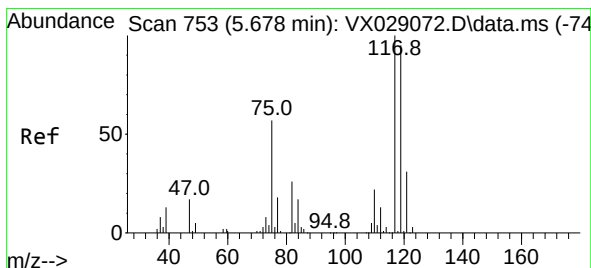
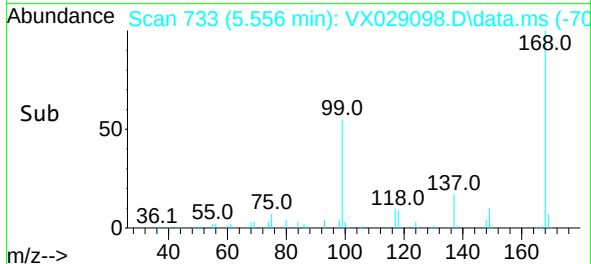
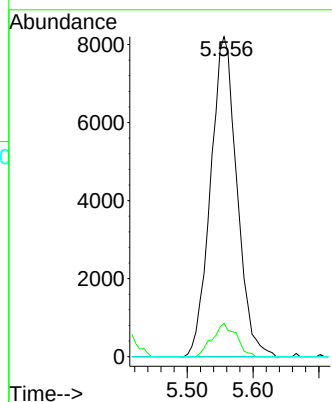
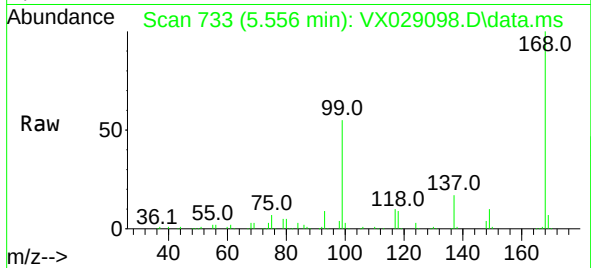




#36
1,1-Dichloropropene
Concen: 4.640 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

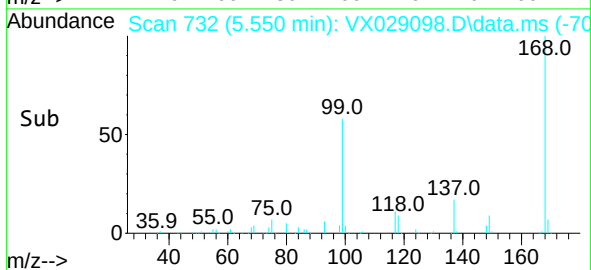
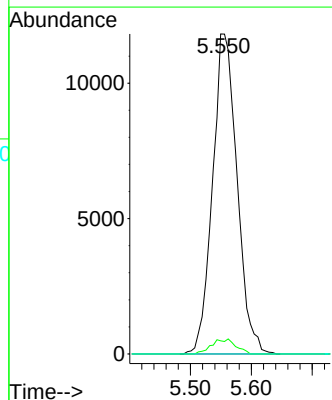
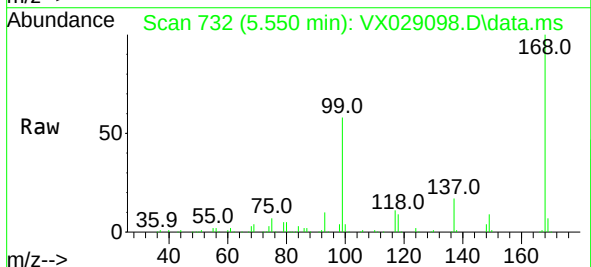
Instrument :
MSVOA_X
ClientSampleId :
29BR-20220525

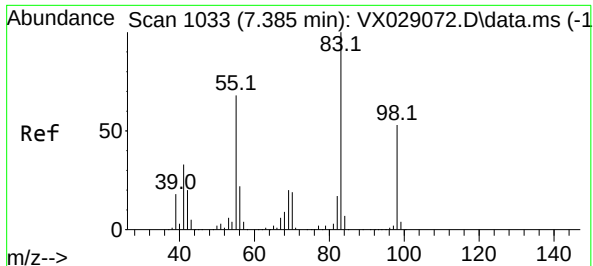
Tgt Ion: 75 Resp: 22871
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.864 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

Tgt Ion: 117 Resp: 33037
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.509 ug/l

RT: 7.135 min Scan# 991

Delta R.T. -0.250 min

Lab File: VX029098.D

Acq: 01 Jun 2022 00:43

Instrument :

MSVOA_X

ClientSampleId :

29BR-20220525

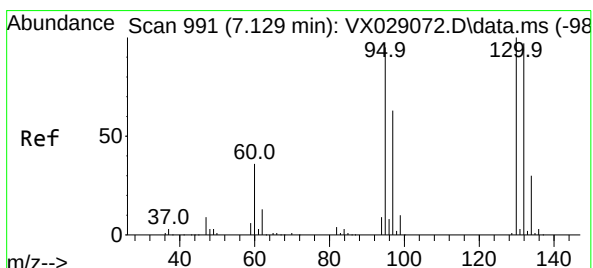
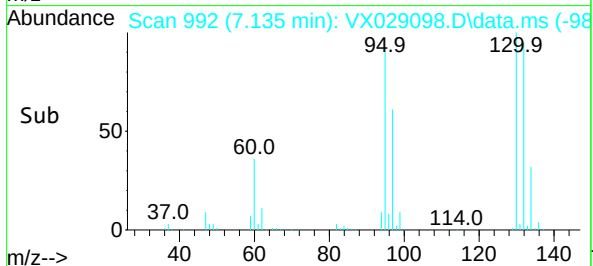
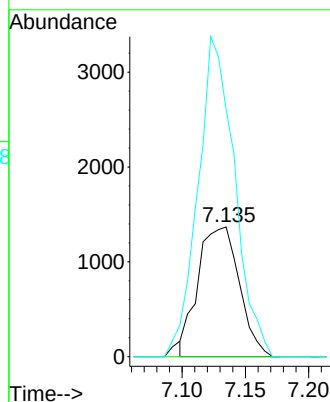
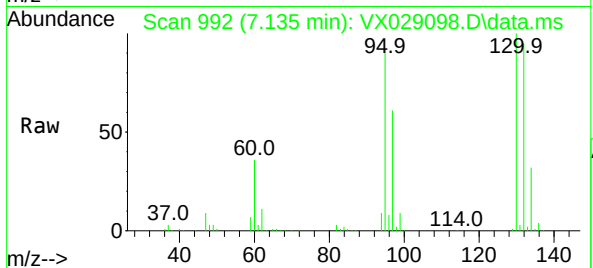
Tgt Ion: 83 Resp: 3099

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 190.5 37.4 56.2#



#44

Trichloroethene

Concen: 65.575 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029098.D

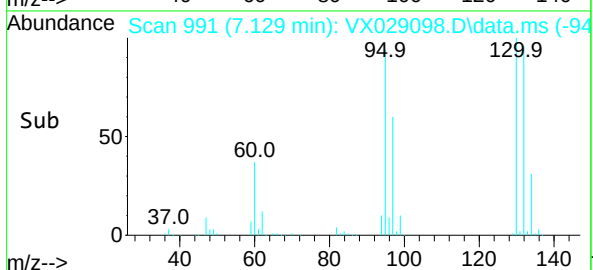
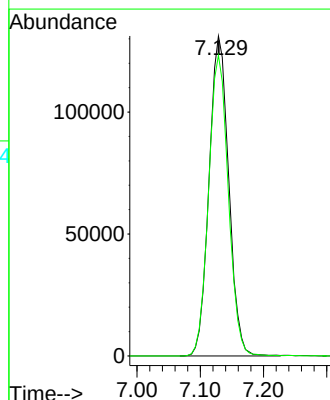
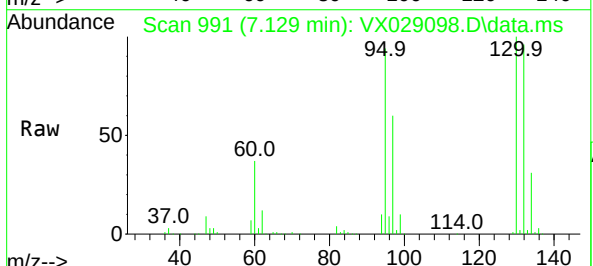
Acq: 01 Jun 2022 00:43

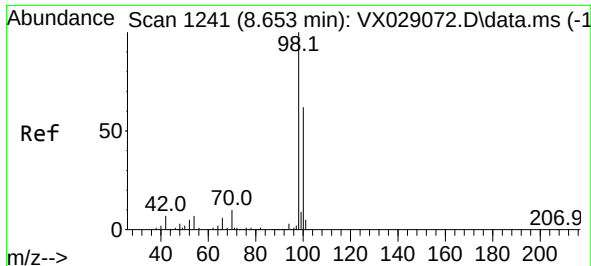
Tgt Ion:130 Resp: 282876

Ion Ratio Lower Upper

130 100

95 94.0 0.0 188.8

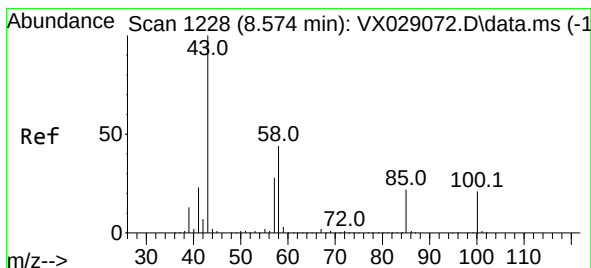
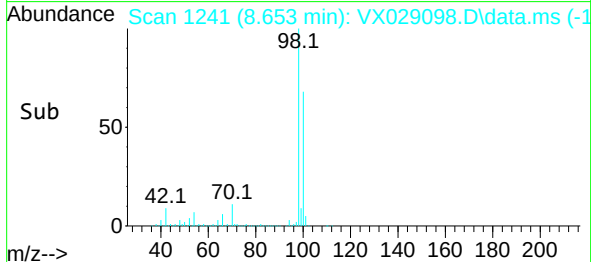
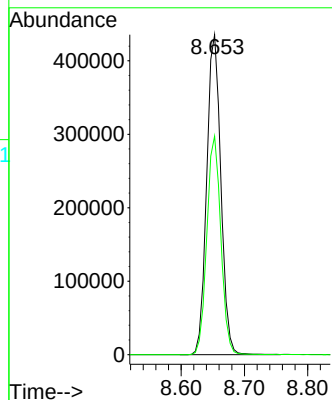
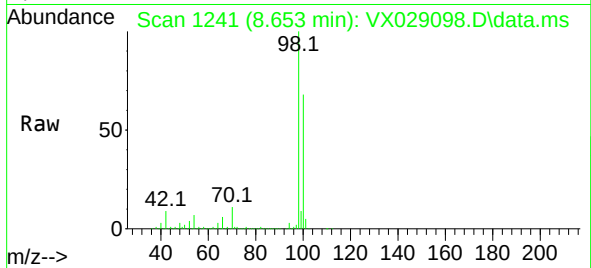




#50
Toluene-d8
Concen: 48.398 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

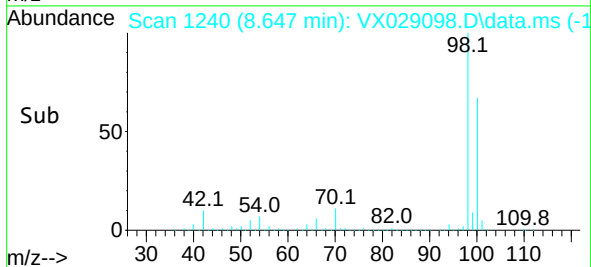
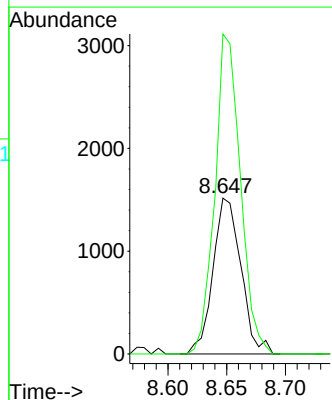
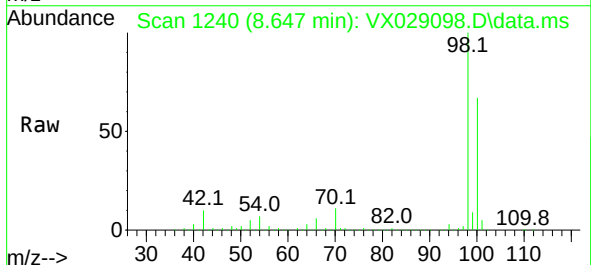
Instrument :
MSVOA_X
ClientSampleId :
29BR-20220525

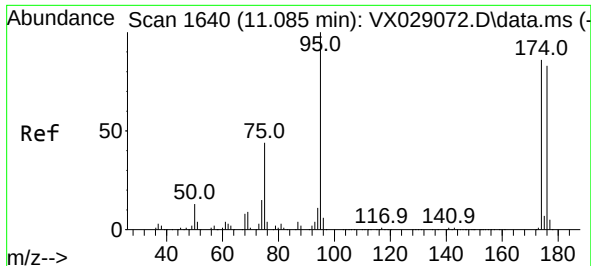
Tgt Ion: 98 Resp: 678139
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.506 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

Tgt Ion: 43 Resp: 2513
Ion Ratio Lower Upper
43 100
58 188.0 36.1 54.1#

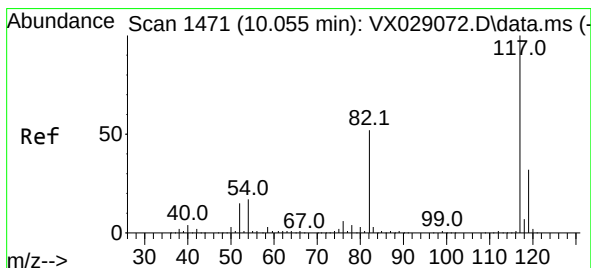
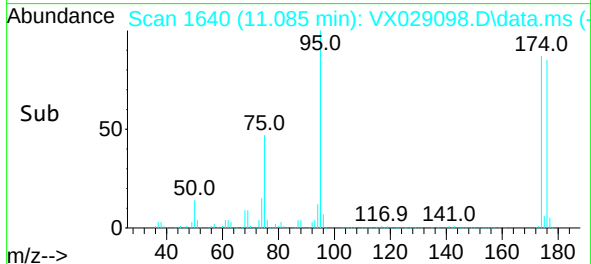
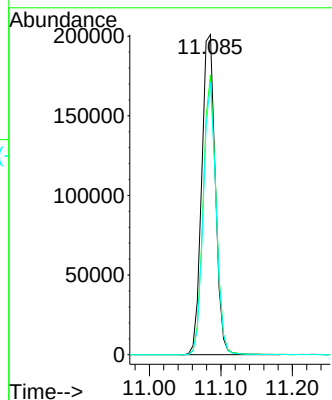
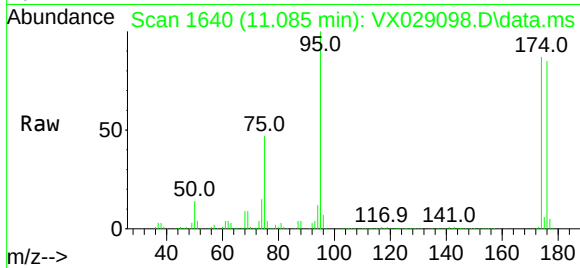




#62
4-Bromofluorobenzene
Concen: 49.026 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

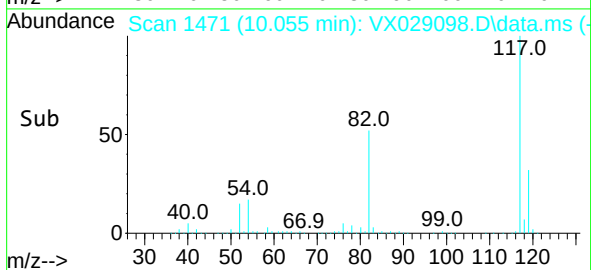
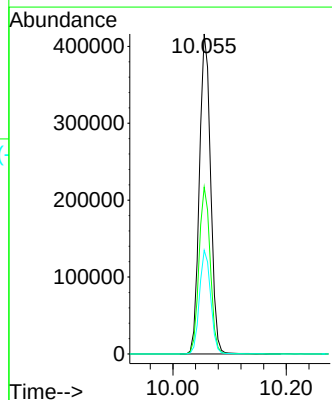
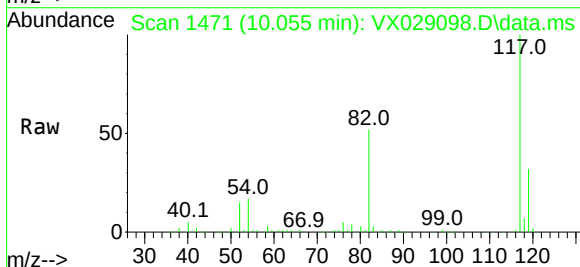
Instrument :
MSVOA_X
ClientSampleId :
29BR-20220525

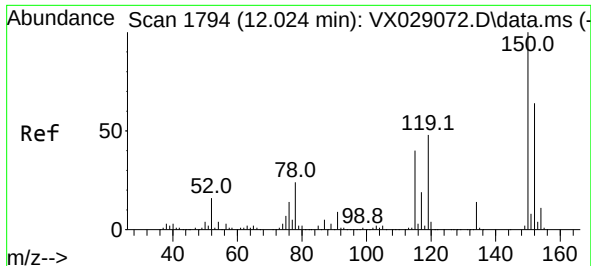
Tgt Ion: 95 Resp: 265537
Ion Ratio Lower Upper
95 100
174 83.1 0.0 163.0
176 80.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

Tgt Ion: 117 Resp: 570393
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.8
119 32.4 24.8 37.2

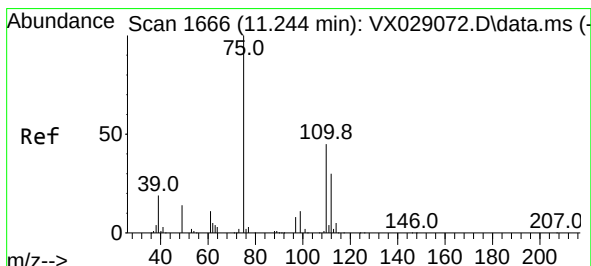
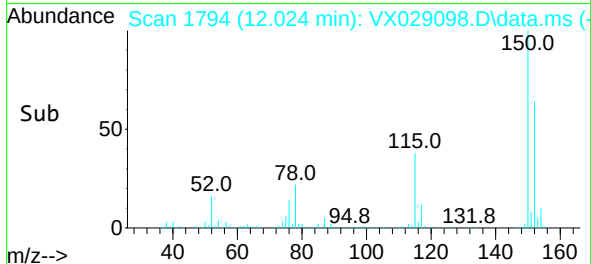
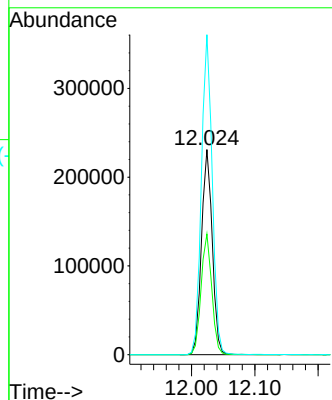
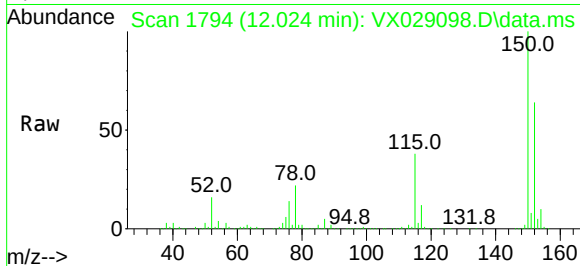




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

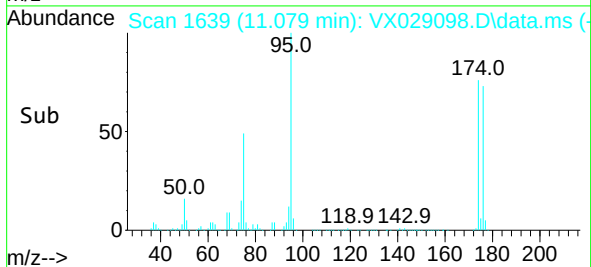
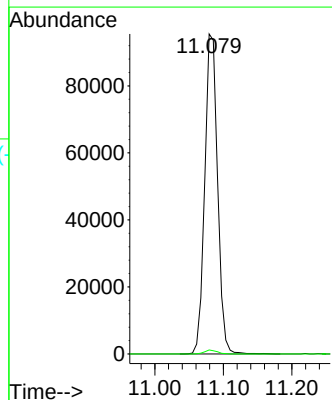
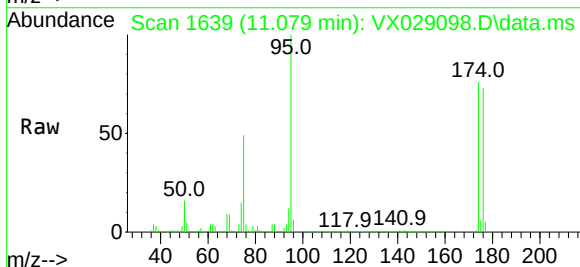
Instrument :
MSVOA_X
ClientSampleId :
29BR-20220525

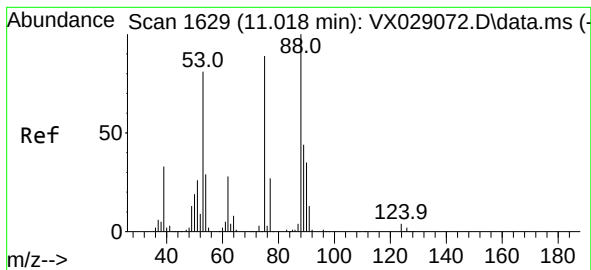
Tgt Ion:152 Resp: 274656
Ion Ratio Lower Upper
152 100
115 58.4 37.5 112.7
150 156.3 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.364 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029098.D
Acq: 01 Jun 2022 00:43

Tgt Ion: 75 Resp: 124517
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.612 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX029098.D
 Acq: 01 Jun 2022 00:43

Instrument :
 MSVOA_X
 ClientSampleId :
 29BR-20220525

Tgt Ion: 75 Resp: 124517
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

