

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029265.D
 Acq On : 07 Jun 2022 02:49
 Operator : JC/MD
 Sample : N3166-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 54BR-20220601

Quant Time: Jun 07 06:10:20 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)

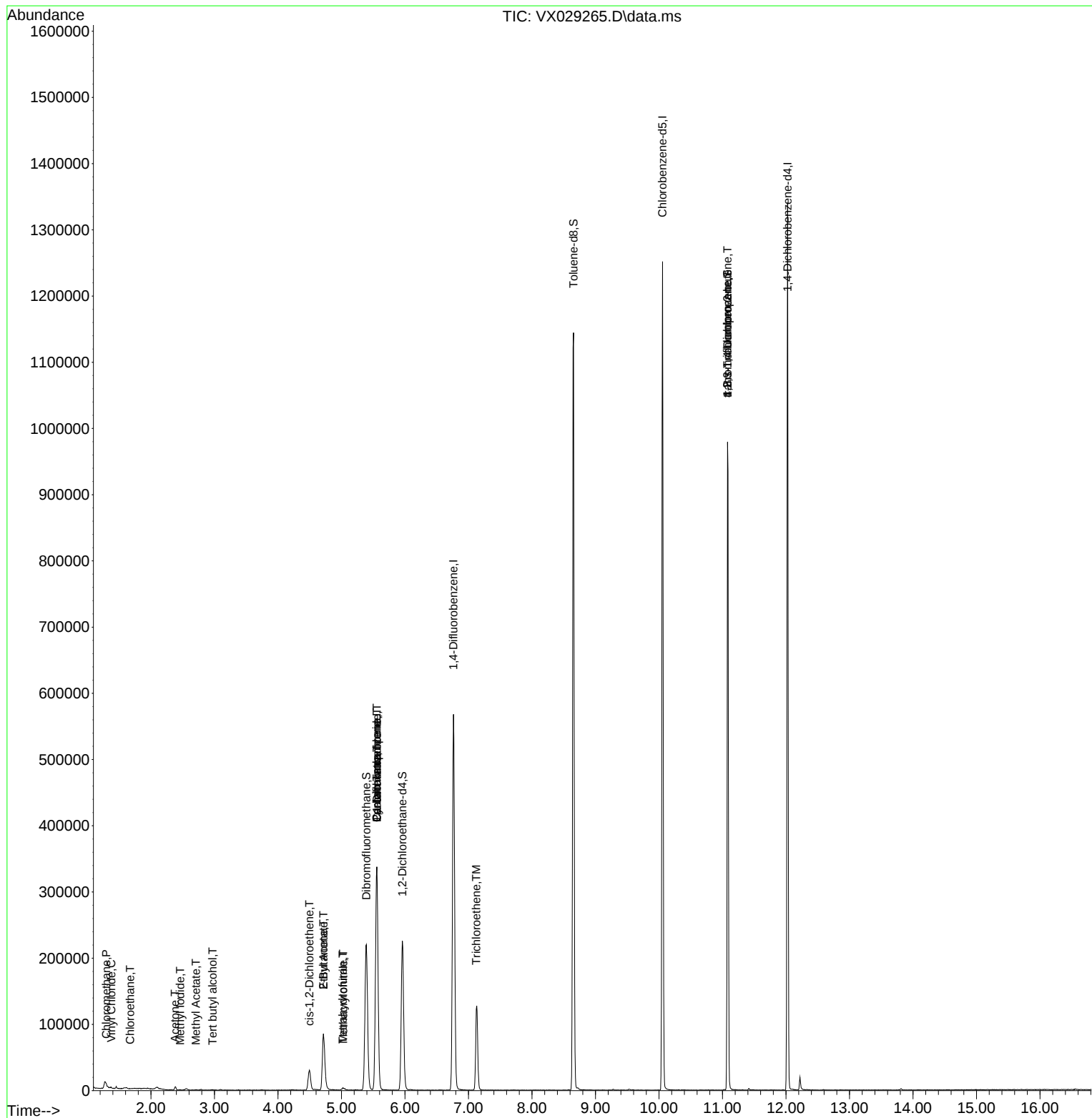
Internal Standards						
1) Pentafluorobenzene	5.556	168	311996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	586949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	571423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	263080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	220751	62.745	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	125.500%
35) Dibromofluoromethane	5.391	113	197803	50.736	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.480%
50) Toluene-d8	8.653	98	696213	48.826	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.660%
62) 4-Bromofluorobenzene	11.079	95	283173	51.375	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.760%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1132	0.399	ug/l #	76
4) Vinyl Chloride	1.374	62	1210	0.388	ug/l	89
5) Bromomethane	1.612	94	702	Below Cal		95
6) Chloroethane	1.673	64	232	1.488	ug/l #	43
10) Methyl Iodide	2.459	142	526	4.364	ug/l #	78
11) Tert butyl alcohol	2.971	59	757	0.929	ug/l #	72
16) Acetone	2.380	43	5326	3.844	ug/l	89
18) Methyl Acetate	2.709	43	924	0.258	ug/l	99
25) 2-Butanone	4.715	43	143616	64.264	ug/l #	44
27) cis-1,2-Dichloroethene	4.495	96	20321	5.371	ug/l	89
29) Tetrahydrofuran	5.019	42	3096	2.160	ug/l #	85
31) Cyclohexane	5.556	56	6509	1.423	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24847	4.953	ug/l #	49
37) Ethyl Acetate	4.715	43	143815	29.581	ug/l	99
38) Carbon Tetrachloride	5.556	117	33185	5.789	ug/l #	15
41) Methacrylonitrile	5.026	41	1307	0.498	ug/l #	34
44) Trichloroethene	7.123	130	51103	11.055	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	137778	25.835	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	137778	75.794	ug/l #	15

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

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MSVOA_X
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54BR-20220601

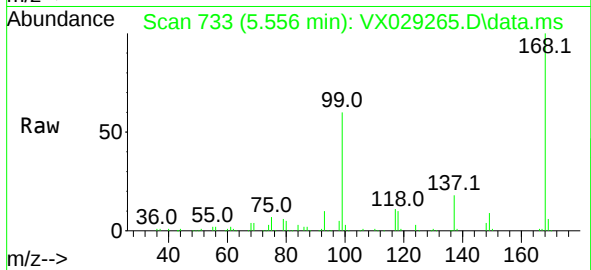
Quant Time: Jun 07 06:10:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
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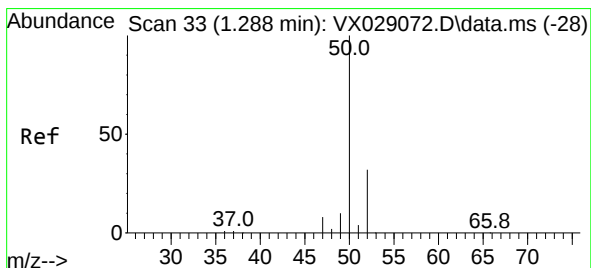
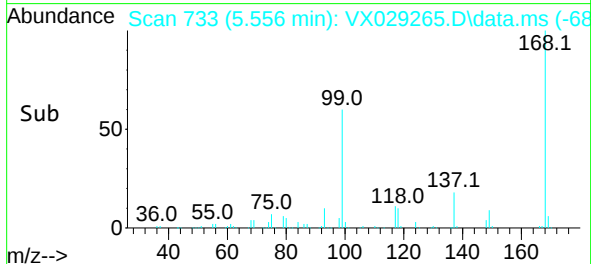
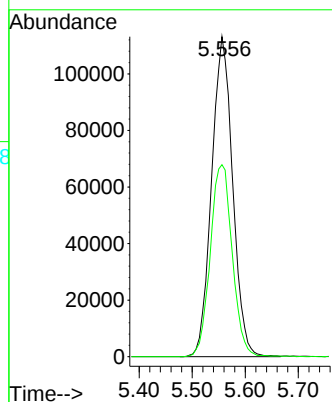


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029265.D
Acq: 07 Jun 2022 02:49

Instrument :
MSVOA_X
ClientSampleId :
54BR-20220601

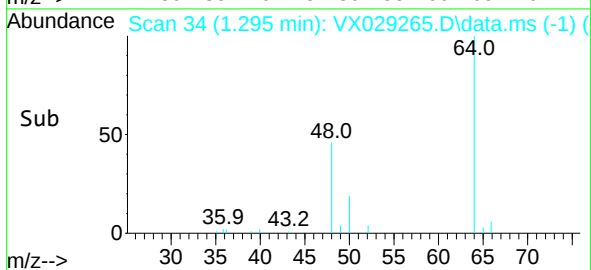
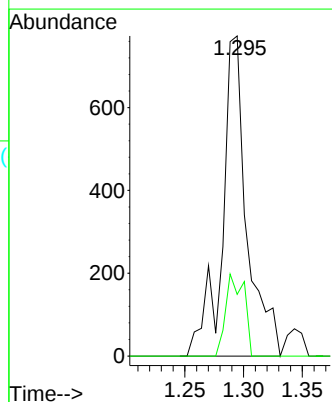
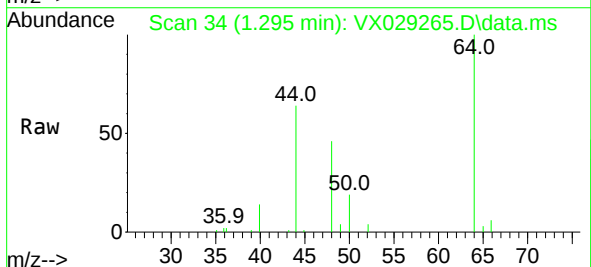


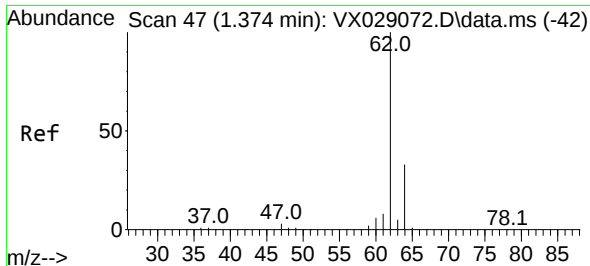
Tgt Ion:168 Resp: 311996
Ion Ratio Lower Upper
168 100
99 60.0 41.7 62.5



#3
Chloromethane
Concen: 0.399 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029265.D
Acq: 07 Jun 2022 02:49

Tgt Ion: 50 Resp: 1132
Ion Ratio Lower Upper
50 100
52 19.3 26.4 39.6#

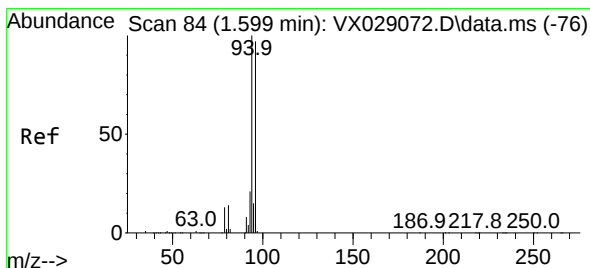
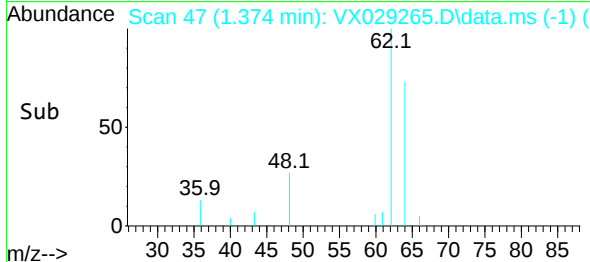
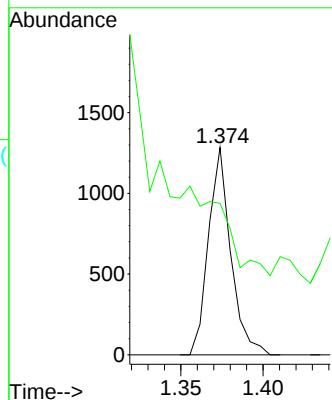
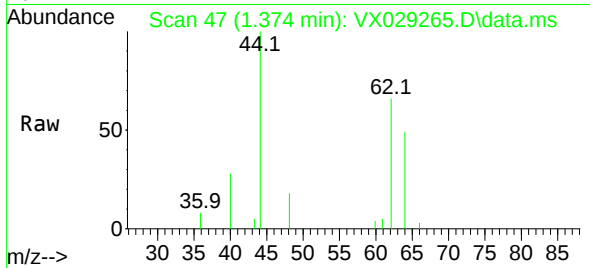




#4
 Vinyl Chloride
 Concen: 0.388 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029265.D
 Acq: 07 Jun 2022 02:49

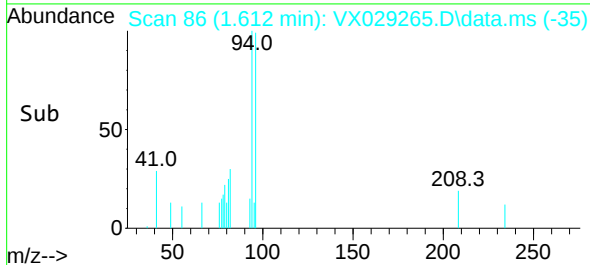
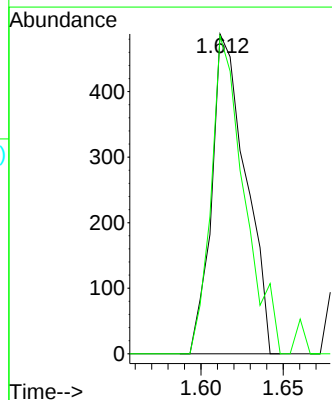
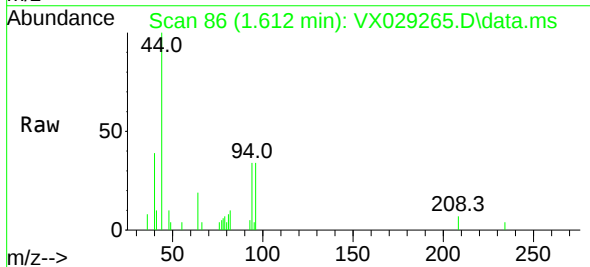
Instrument :
 MSVOA_X
 ClientSampleId :
 54BR-20220601

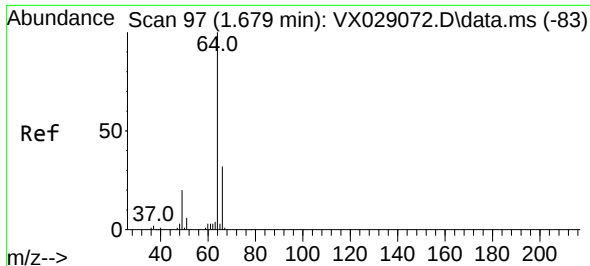
Tgt Ion: 62 Resp: 1210
 Ion Ratio Lower Upper
 62 100
 64 25.7 25.5 38.3



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.612 min Scan# 86
 Delta R.T. 0.013 min
 Lab File: VX029265.D
 Acq: 07 Jun 2022 02:49

Tgt Ion: 94 Resp: 702
 Ion Ratio Lower Upper
 94 100
 96 99.4 75.3 112.9

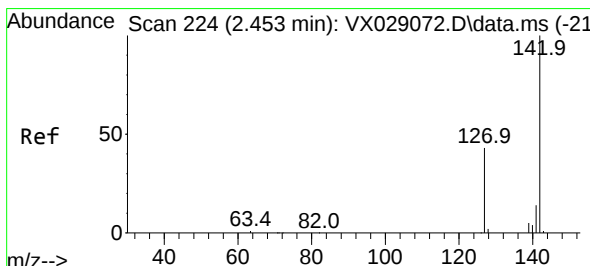
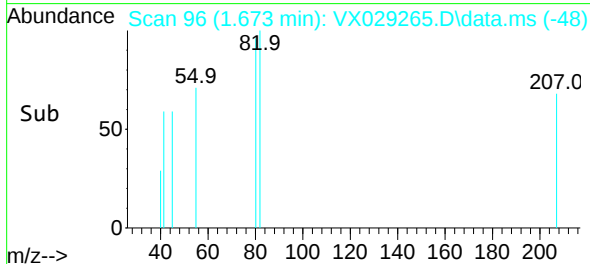
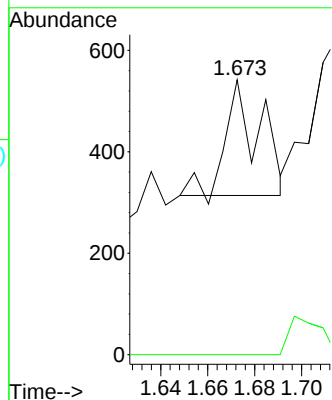
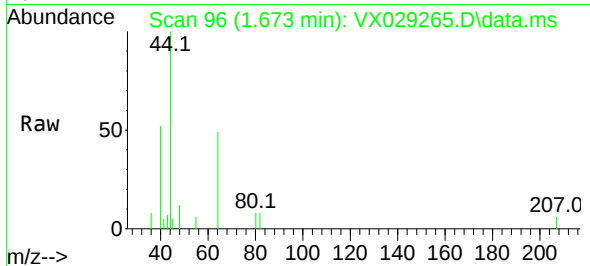




#6
Chloroethane
Concen: 1.488 ug/l
RT: 1.673 min Scan# 90
Delta R.T. -0.006 min
Lab File: VX029265.D
Acq: 07 Jun 2022 02:49

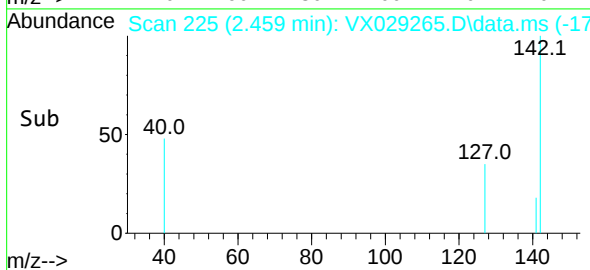
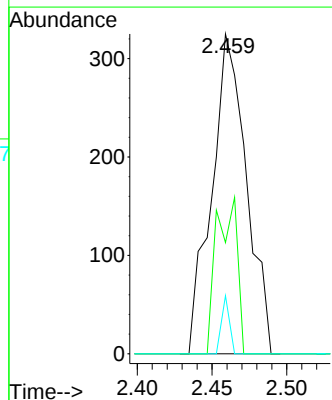
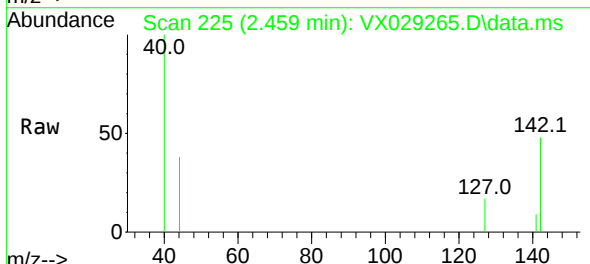
Instrument :
MSVOA_X
ClientSampleId :
54BR-20220601

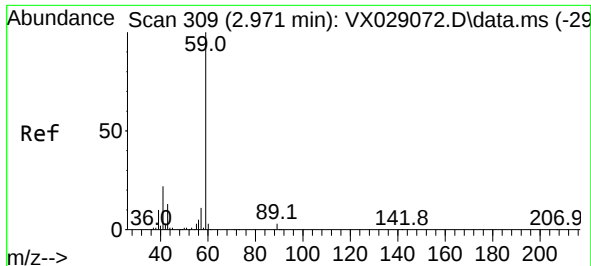
Tgt Ion: 64 Resp: 232
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.364 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029265.D
Acq: 07 Jun 2022 02:49

Tgt Ion: 142 Resp: 526
Ion Ratio Lower Upper
142 100
127 29.1 33.9 50.9#
141 4.2 11.4 17.2#

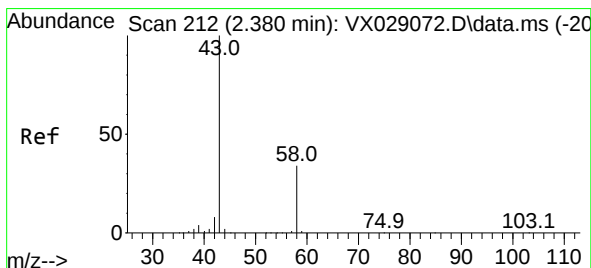
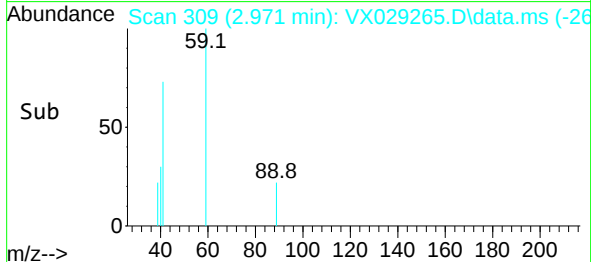
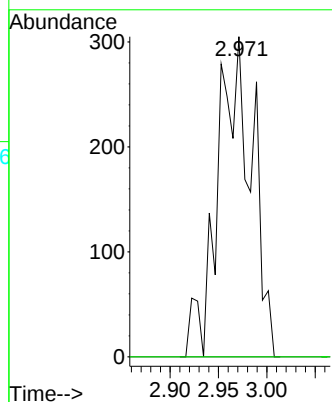
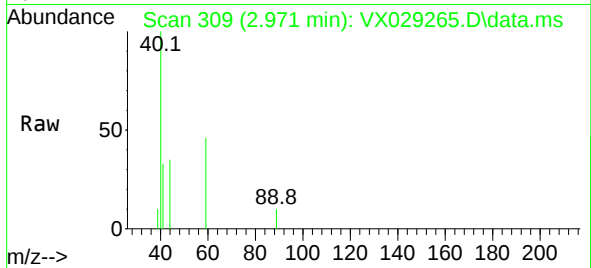




#11
Tert butyl alcohol
Concen: 0.929 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.000 min
Lab File: VX029265.D
Acq: 07 Jun 2022 02:49

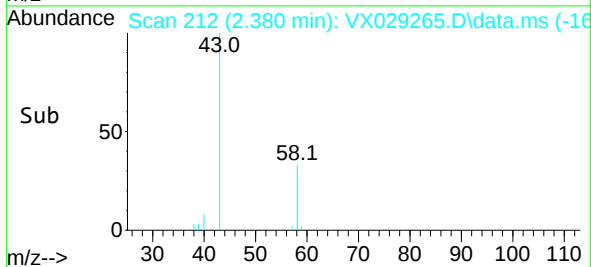
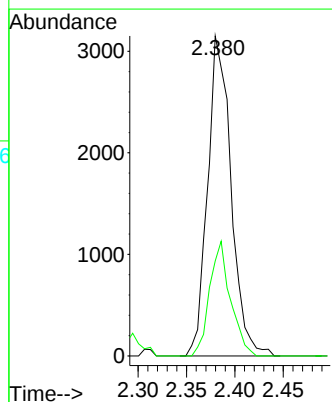
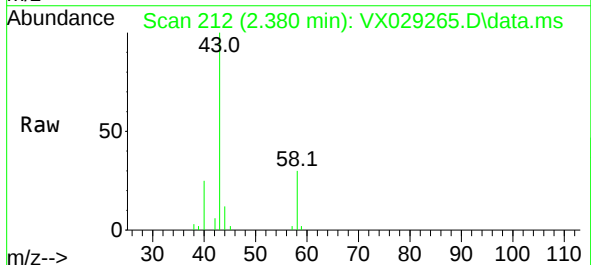
Instrument :
MSVOA_X
ClientSampleId :
54BR-20220601

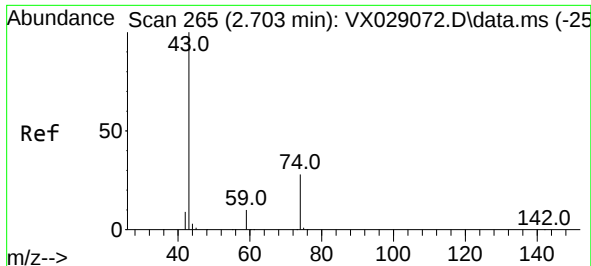
Tgt Ion: 59 Resp: 757
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 3.844 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029265.D
Acq: 07 Jun 2022 02:49

Tgt Ion: 43 Resp: 5326
Ion Ratio Lower Upper
43 100
58 29.7 28.8 43.2





#18

Methyl Acetate

Concen: 0.258 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX029265.D

Acq: 07 Jun 2022 02:49

Instrument :

MSVOA_X

ClientSampleId :

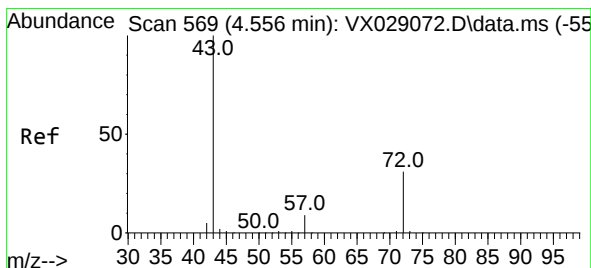
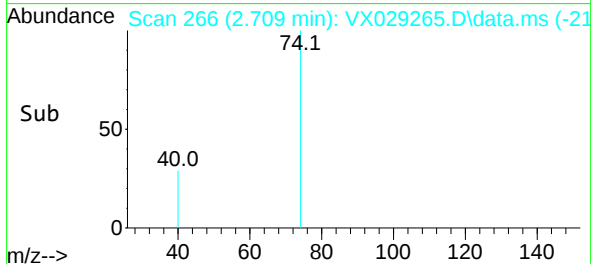
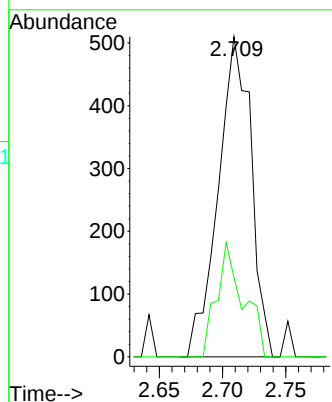
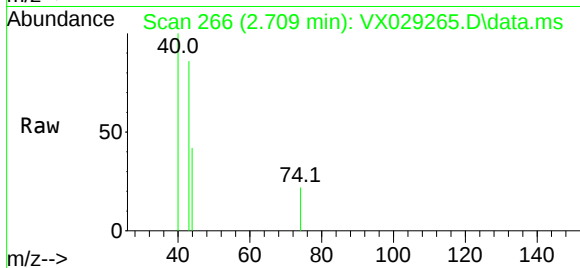
54BR-20220601

Tgt Ion: 43 Resp: 924

Ion Ratio Lower Upper

43 100

74 28.9 22.8 34.2



#25

2-Butanone

Concen: 64.264 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.159 min

Lab File: VX029265.D

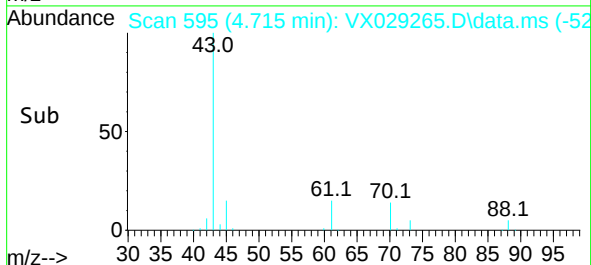
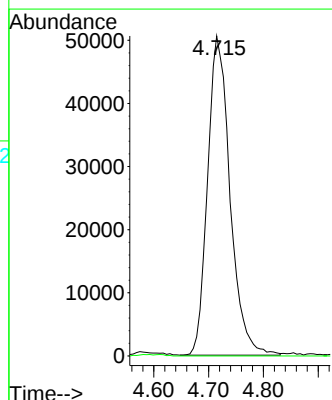
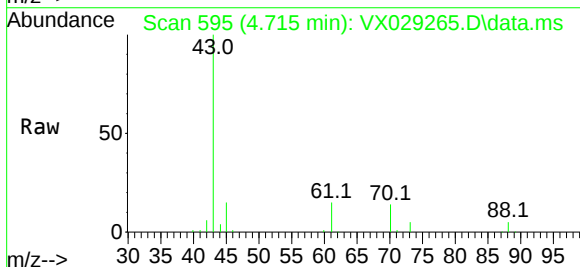
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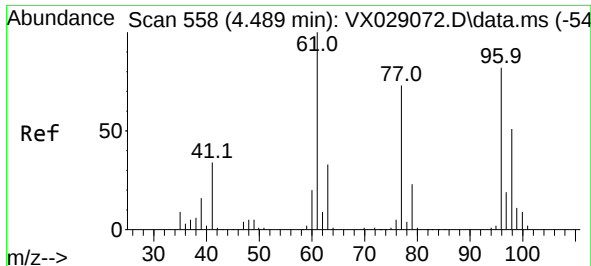
Tgt Ion: 43 Resp: 143616

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#





#27

cis-1,2-Dichloroethene

Concen: 5.371 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX029265.D

Acq: 07 Jun 2022 02:49

Instrument :

MSVOA_X

ClientSampleId :

54BR-20220601

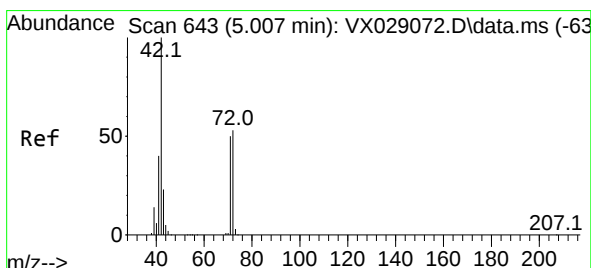
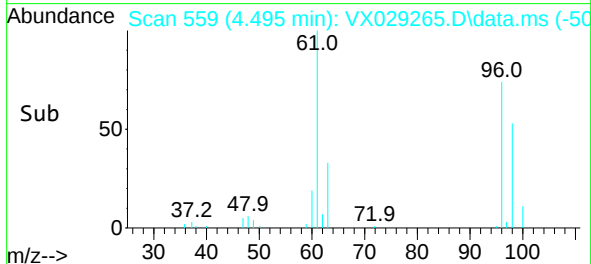
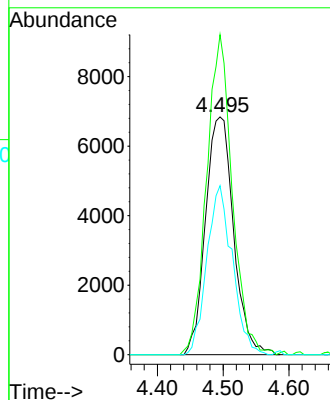
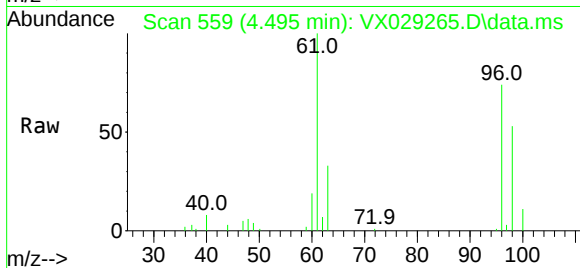
Tgt Ion: 96 Resp: 20321

Ion Ratio Lower Upper

96 100

61 122.9 0.0 283.8

98 64.5 0.0 129.8



#29

Tetrahydrofuran

Concen: 2.160 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.013 min

Lab File: VX029265.D

Acq: 07 Jun 2022 02:49

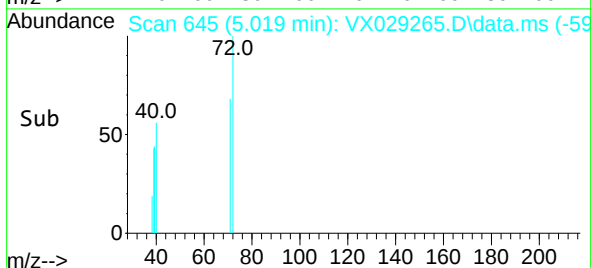
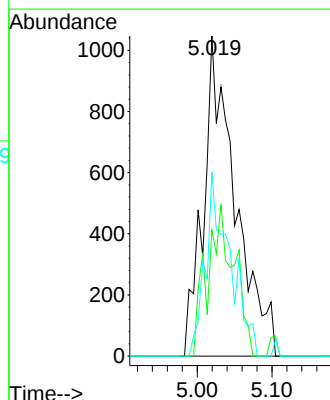
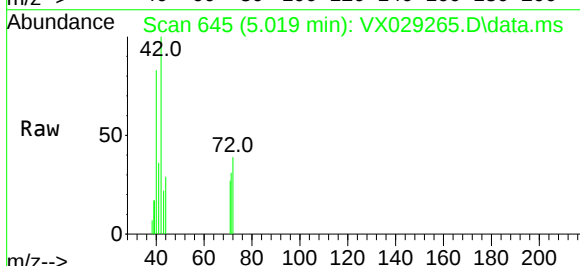
Tgt Ion: 42 Resp: 3096

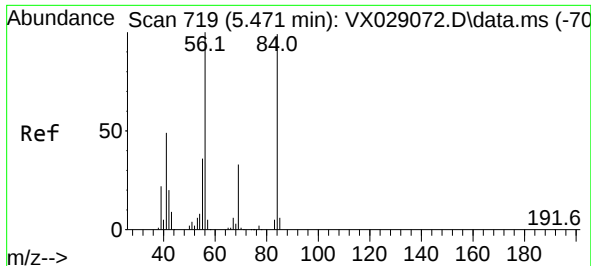
Ion Ratio Lower Upper

42 100

72 40.3 44.1 66.1#

71 43.8 40.5 60.7

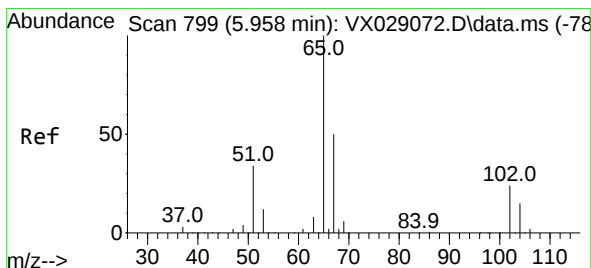
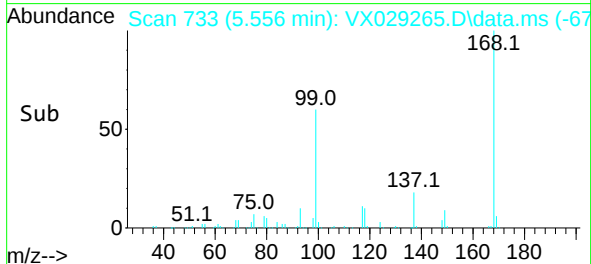
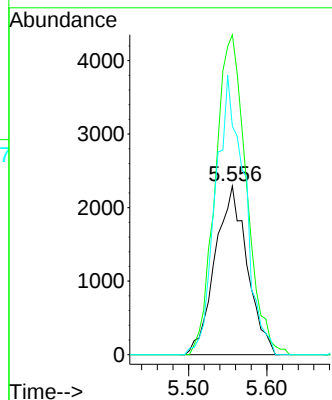
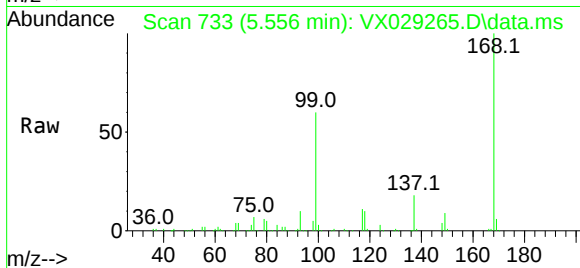




#31
Cyclohexane
Concen: 1.423 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029265.D
Acq: 07 Jun 2022 02:49

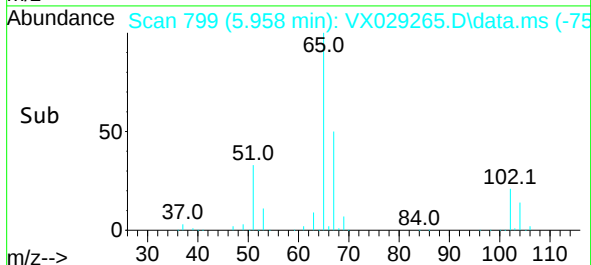
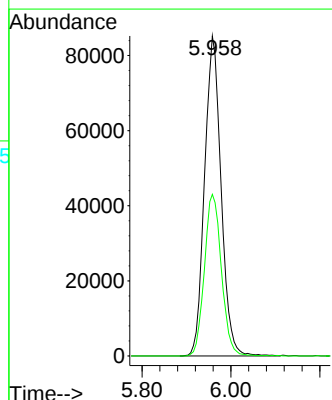
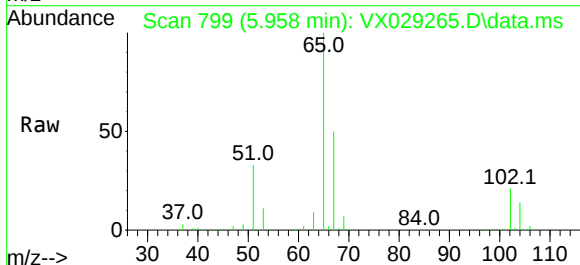
Instrument :
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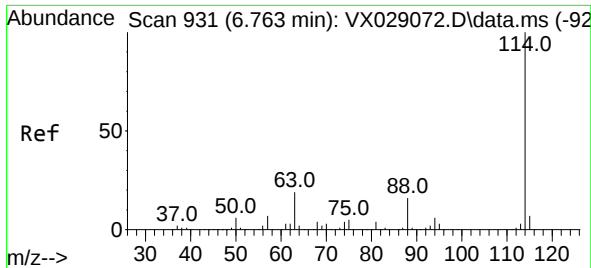
Tgt Ion: 56 Resp: 6509
Ion Ratio Lower Upper
56 100
69 189.7 26.7 40.1#
84 135.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 62.745 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029265.D
Acq: 07 Jun 2022 02:49

Tgt Ion: 65 Resp: 220751
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4

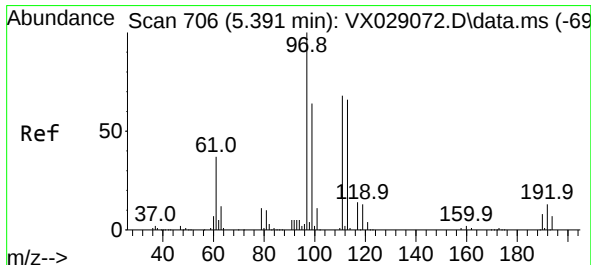
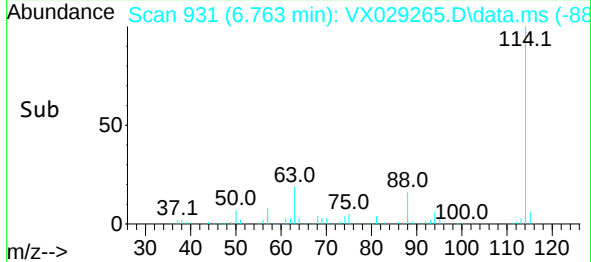
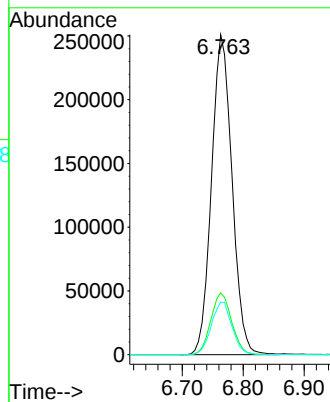
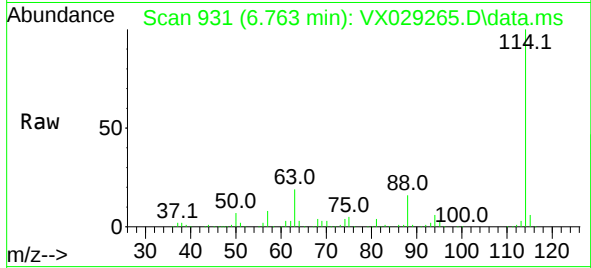




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029265.D
Acq: 07 Jun 2022 02:49

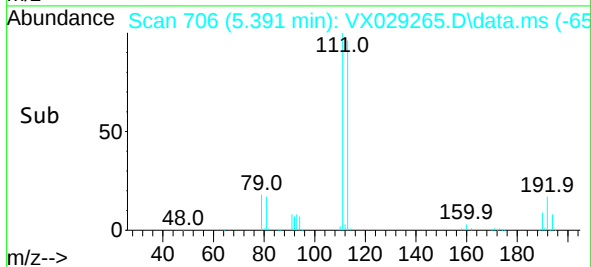
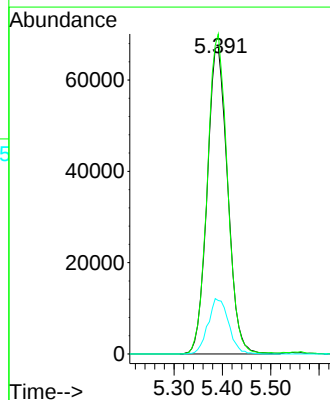
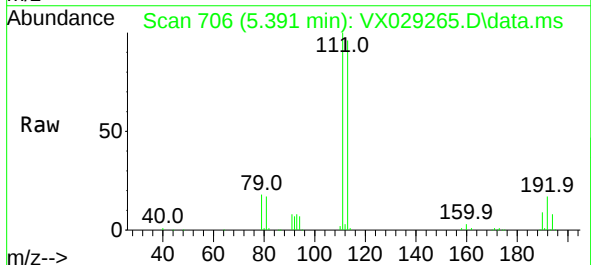
Instrument :
MSVOA_X
ClientSampleId :
54BR-20220601

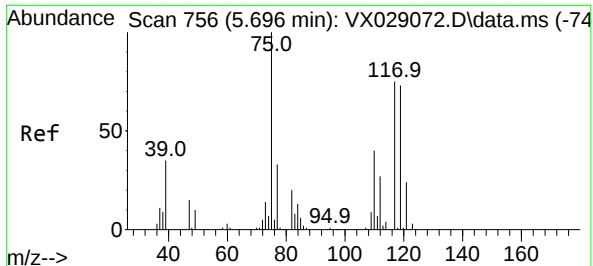
Tgt Ion:114 Resp: 586949
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.736 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029265.D
Acq: 07 Jun 2022 02:49

Tgt Ion:113 Resp: 197803
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 18.1 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.953 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX029265.D

Acq: 07 Jun 2022 02:49

Instrument :

MSVOA_X

ClientSampleId :

54BR-20220601

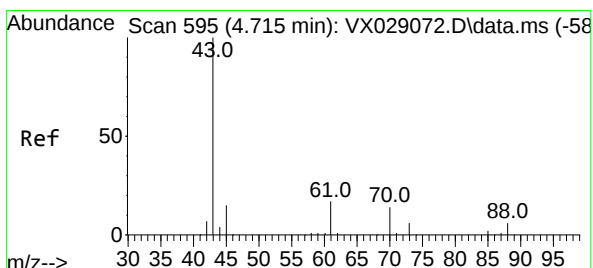
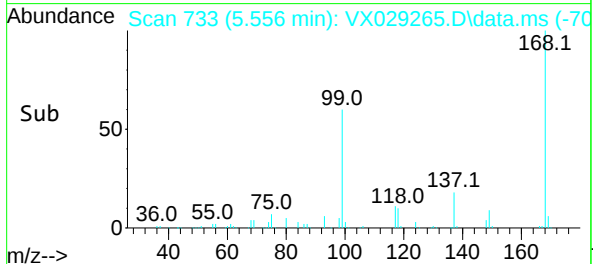
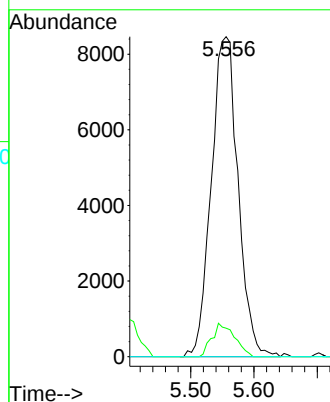
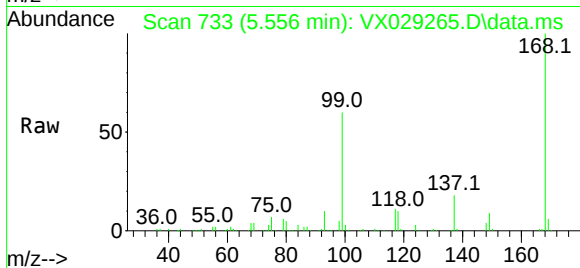
Tgt Ion: 75 Resp: 24847

Ion Ratio Lower Upper

75 100

110 8.9 18.3 54.8#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 29.581 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX029265.D

Acq: 07 Jun 2022 02:49

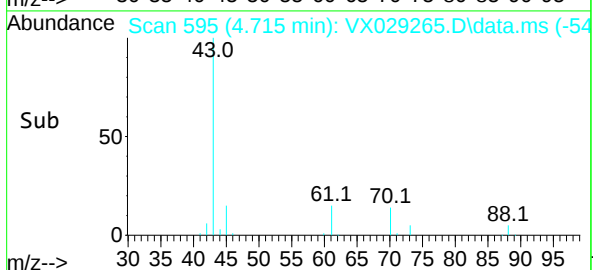
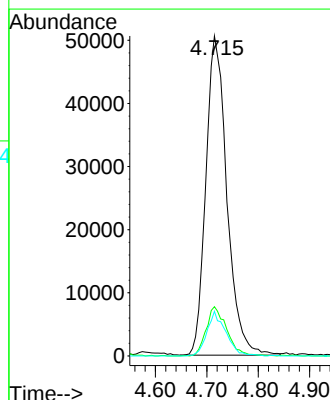
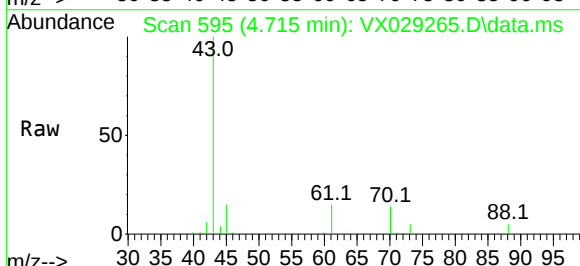
Tgt Ion: 43 Resp: 143815

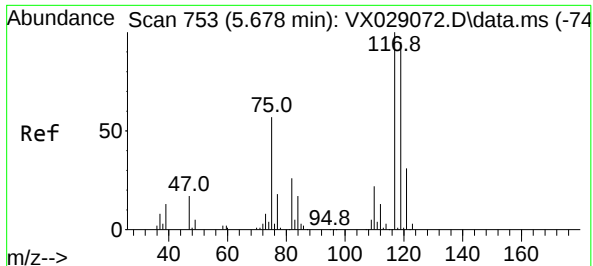
Ion Ratio Lower Upper

43 100

61 15.2 12.6 19.0

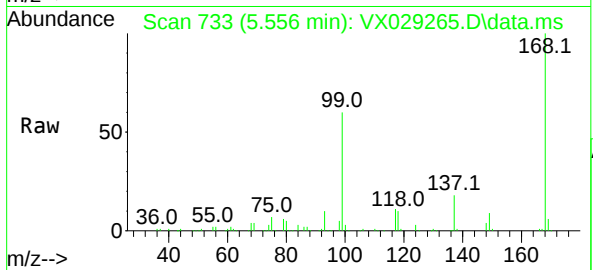
70 12.6 10.2 15.2



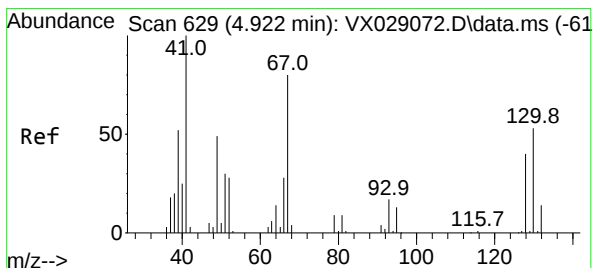
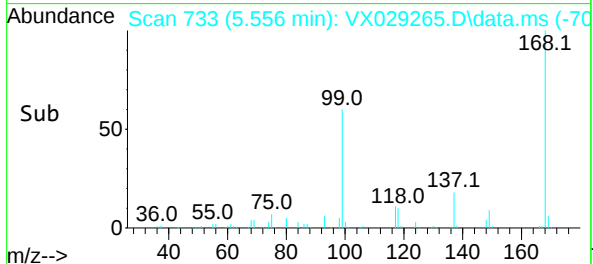
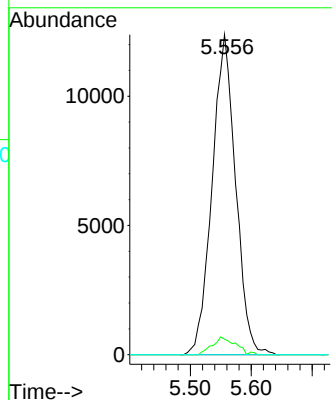


#38
Carbon Tetrachloride
Concen: 5.789 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029265.D
Acq: 07 Jun 2022 02:49

Instrument :
MSVOA_X
ClientSampleId :
54BR-20220601

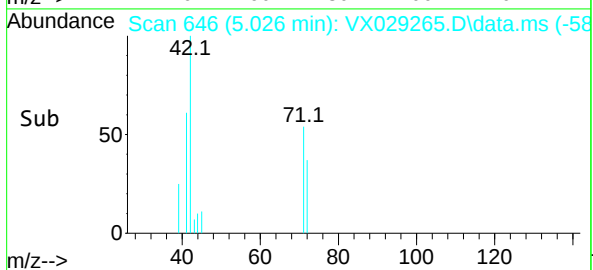
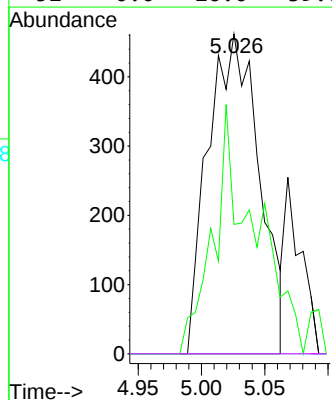
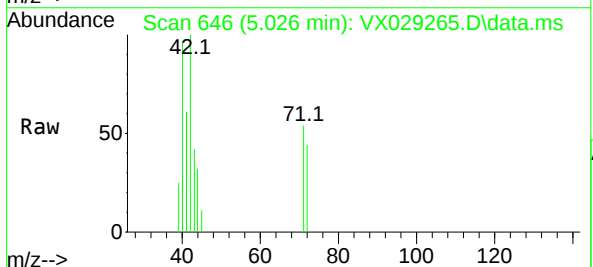


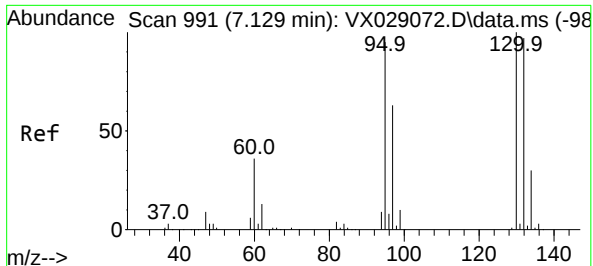
Tgt Ion:117 Resp: 33185
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 0.498 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.104 min
Lab File: VX029265.D
Acq: 07 Jun 2022 02:49

Tgt Ion: 41 Resp: 1307
Ion Ratio Lower Upper
41 100
39 35.6 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

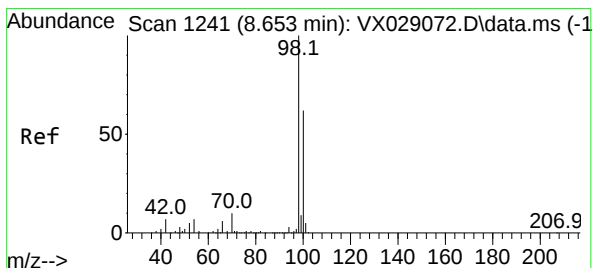
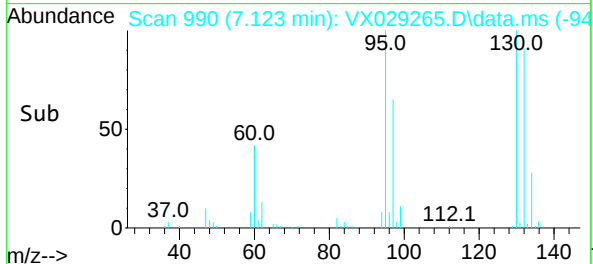
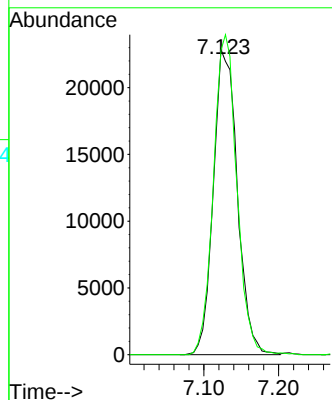
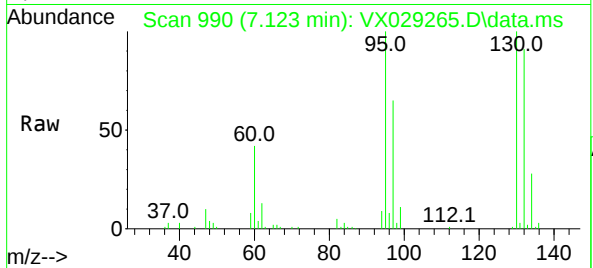




#44
Trichloroethene
Concen: 11.055 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX029265.D
Acq: 07 Jun 2022 02:49

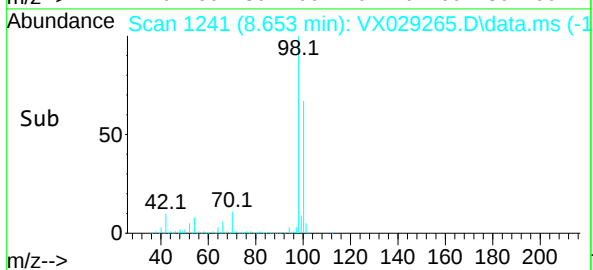
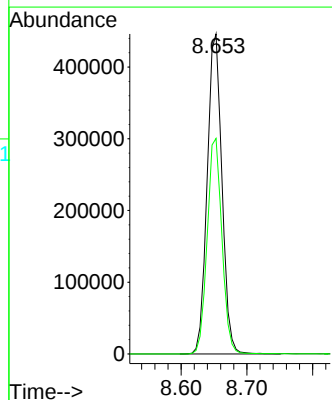
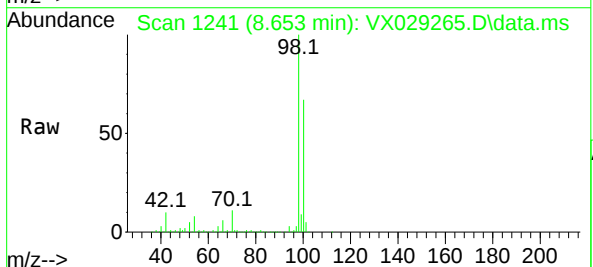
Instrument :
MSVOA_X
ClientSampleId :
54BR-20220601

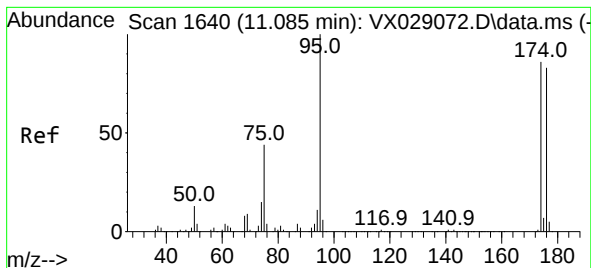
Tgt Ion:130 Resp: 51103
Ion Ratio Lower Upper
130 100
95 99.8 0.0 188.8



#50
Toluene-d8
Concen: 48.826 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029265.D
Acq: 07 Jun 2022 02:49

Tgt Ion: 98 Resp: 696213
Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8

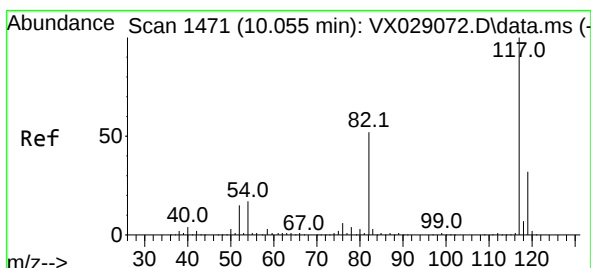
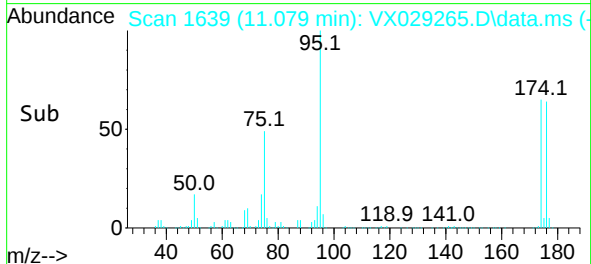
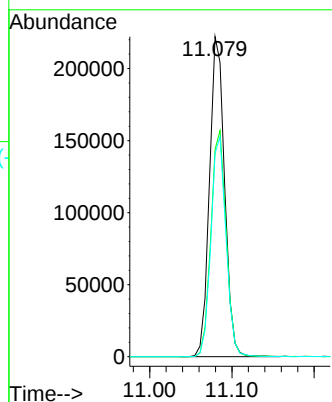
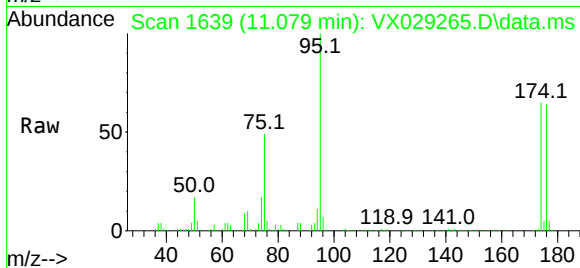




#62
4-Bromofluorobenzene
Concen: 51.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029265.D
Acq: 07 Jun 2022 02:49

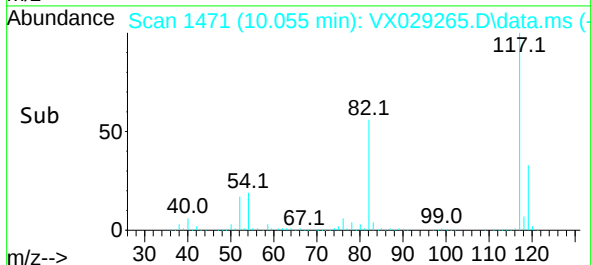
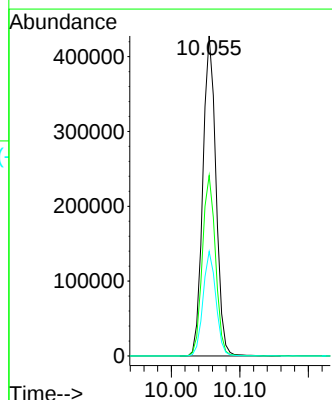
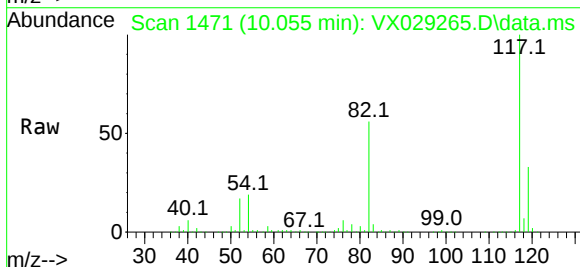
Instrument :
MSVOA_X
ClientSampleId :
54BR-20220601

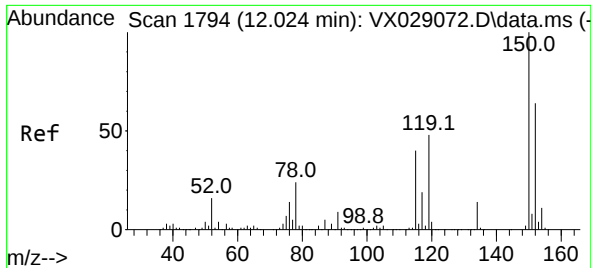
Tgt Ion: 95 Resp: 283173
Ion Ratio Lower Upper
95 100
174 71.6 0.0 163.0
176 68.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029265.D
Acq: 07 Jun 2022 02:49

Tgt Ion: 117 Resp: 571423
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.8
119 32.7 24.8 37.2

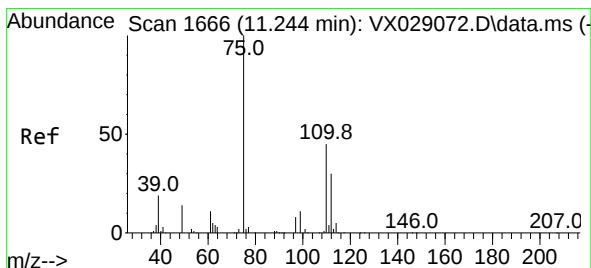
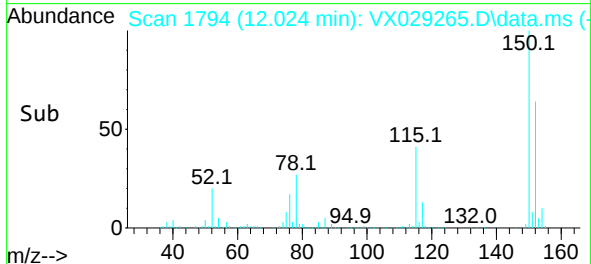
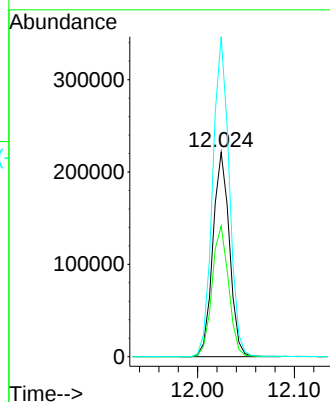
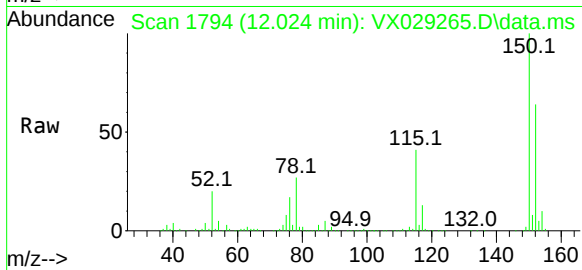




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029265.D
Acq: 07 Jun 2022 02:49

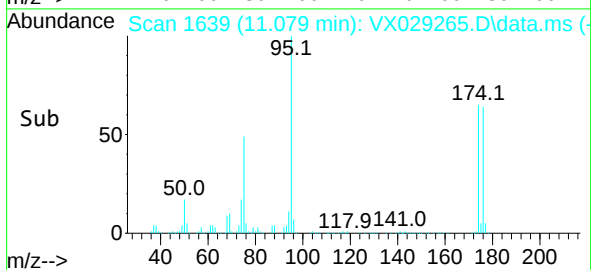
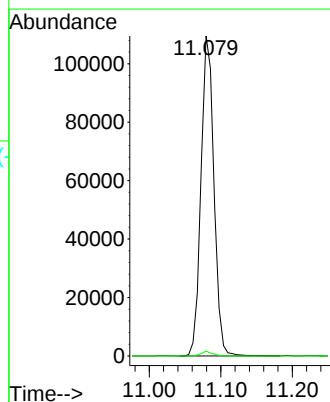
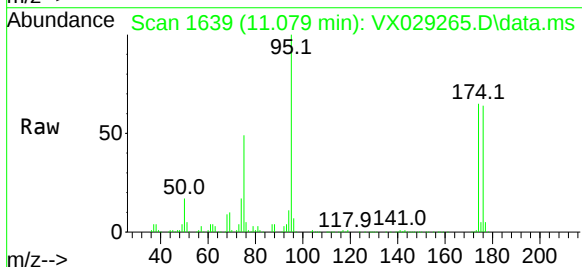
Instrument :
MSVOA_X
ClientSampleId :
54BR-20220601

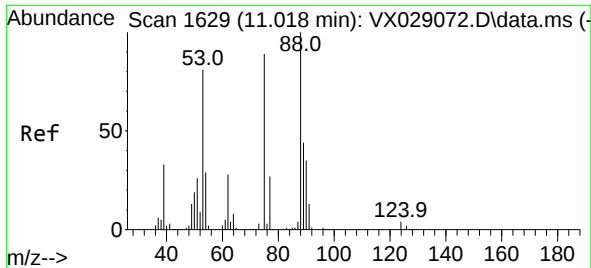
Tgt Ion:152 Resp: 263080
Ion Ratio Lower Upper
152 100
115 64.0 37.5 112.7
150 156.7 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 25.835 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029265.D
Acq: 07 Jun 2022 02:49

Tgt Ion: 75 Resp: 137778
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.794 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029265.D
 Acq: 07 Jun 2022 02:49

Instrument :
 MSVOA_X
 ClientSampleId :
 54BR-20220601

Tgt Ion: 75 Resp: 137778
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

