

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022298.D
 Acq On : 01 Jun 2021 18:10
 Operator : JC/MD
 Sample : M2545-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 54BR-20210526

Quant Time: Jun 02 03:23:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

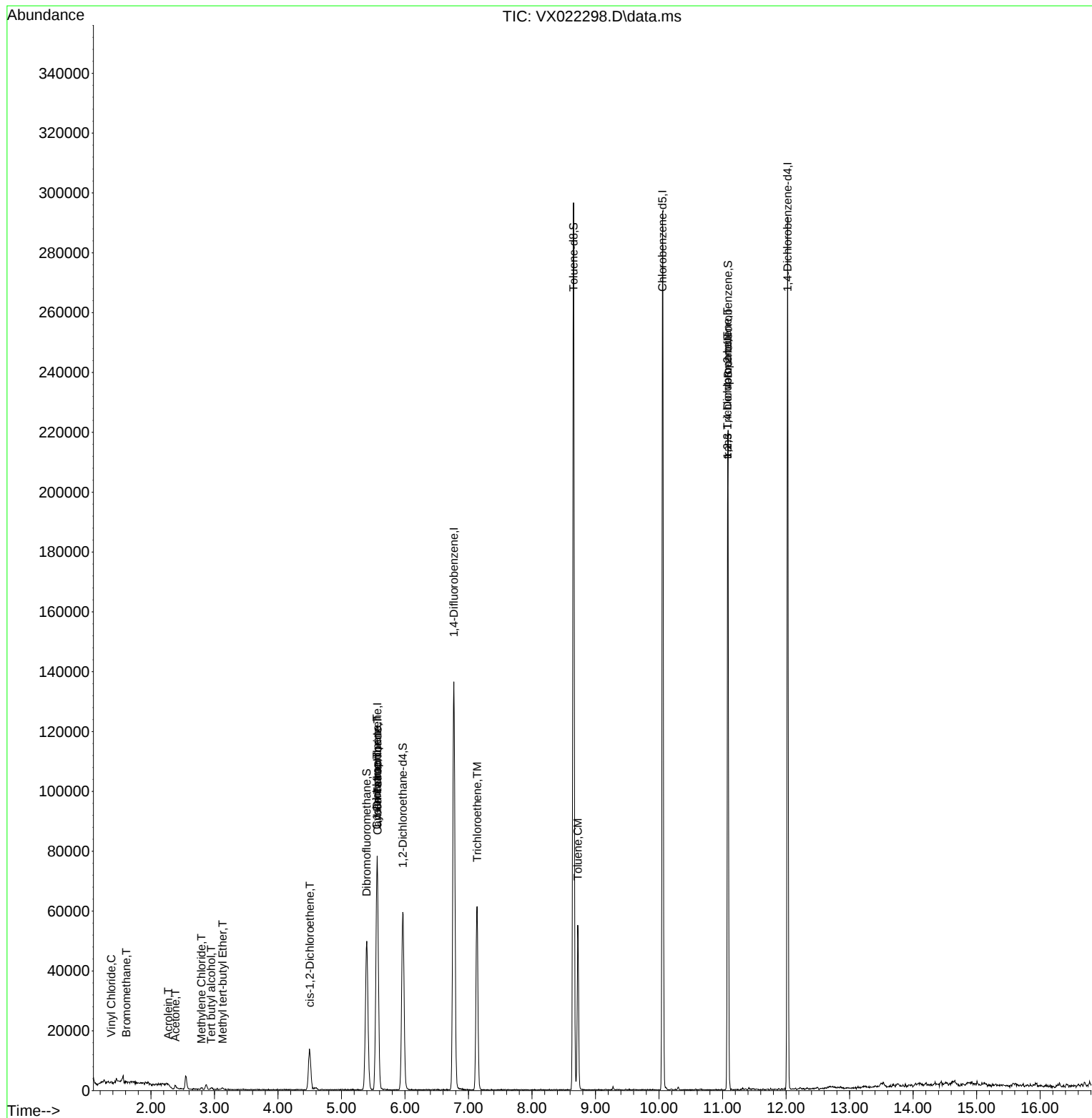
Internal Standards						
1) Pentafluorobenzene	5.562	168	65542	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	137753	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54598	54.00	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.00%
35) Dibromofluoromethane	5.397	113	42213	48.32	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.64%
50) Toluene-d8	8.653	98	171441	50.95	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.90%
62) 4-Bromofluorobenzene	11.085	95	60989	49.03	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.06%
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.374	62	332	0.37	ug/l	# 60
5) Bromomethane	1.611	94	389	0.73	ug/l	# 2
11) Tert butyl alcohol	2.947	59	378	1.63	ug/l	# 73
13) Acrolein	2.270	56	94	0.61	ug/l	# 1
16) Acetone	2.386	43	1368	3.11	ug/l	99
19) Methyl tert-butyl Ether	3.129	73	669	0.26	ug/l	# 55
20) Methylene Chloride	2.794	84	224	0.23	ug/l	# 81
27) cis-1,2-Dichloroethene	4.501	96	8278	8.33	ug/l	91
31) Cyclohexane	5.556	56	1886	1.48	ug/l	# 32
36) 1,1-Dichloropropene	5.556	75	6068	4.76	ug/l	# 50
38) Carbon Tetrachloride	5.568	117	7638	6.13	ug/l	# 15
44) Trichloroethene	7.135	130	22493	23.10	ug/l	94
52) Toluene	8.720	92	20122	8.11	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	32741	24.96	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	32741	59.13	ug/l	# 12

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

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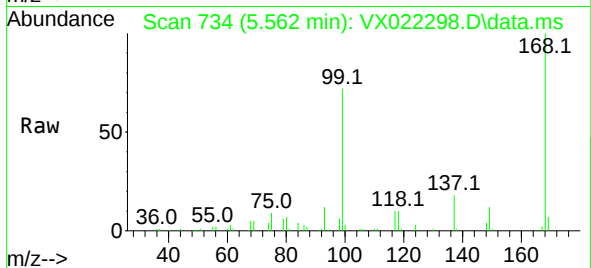
Quant Time: Jun 02 03:23:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



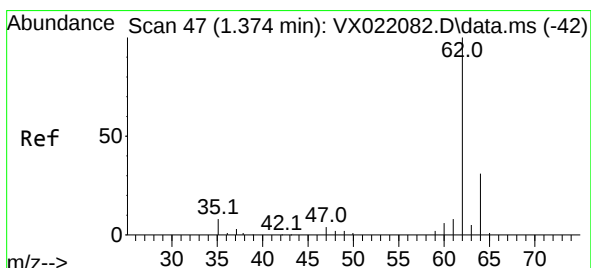
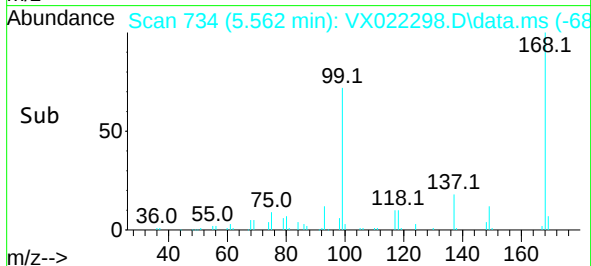
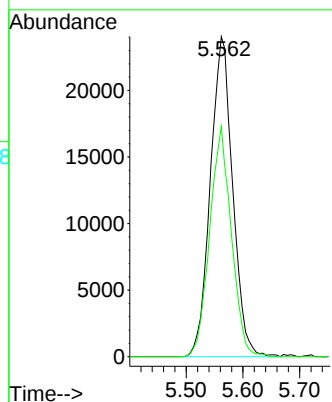


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022298.D
Acq: 01 Jun 2021 18:10

Instrument :
MSVOA_X
ClientSampleId :
54BR-20210526

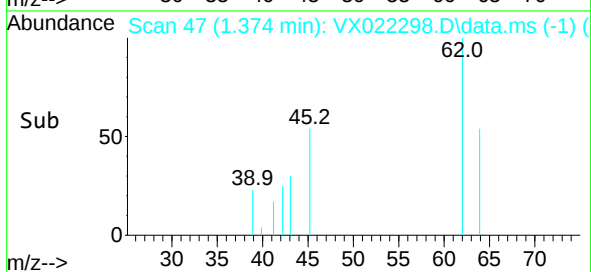
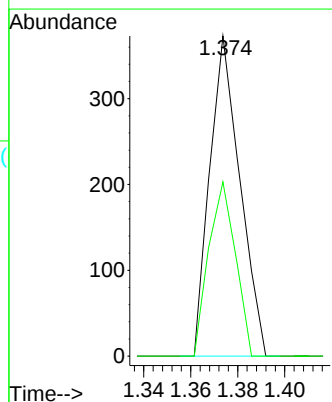
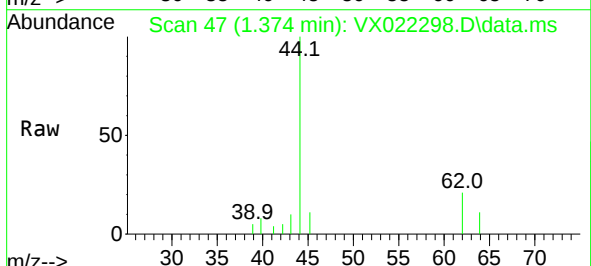


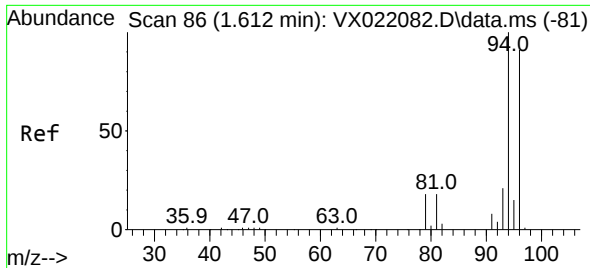
Tgt Ion:168 Resp: 65542
Ion Ratio Lower Upper
168 100
99 71.9 45.8 68.6#



#4
Vinyl Chloride
Concen: 0.37 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022298.D
Acq: 01 Jun 2021 18:10

Tgt Ion: 62 Resp: 332
Ion Ratio Lower Upper
62 100
64 54.4 25.7 38.5#

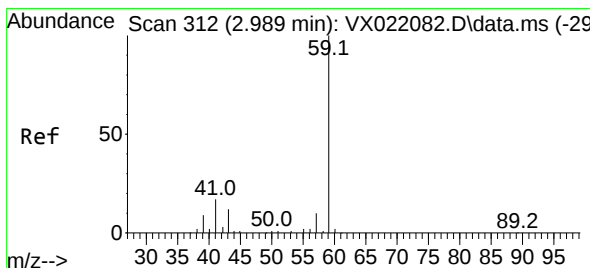
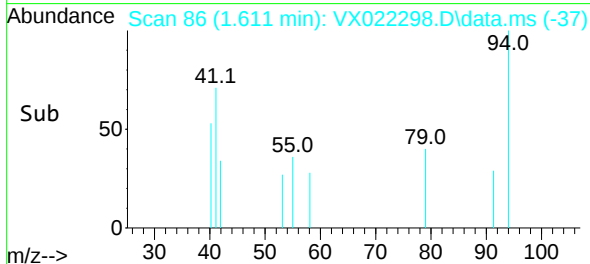
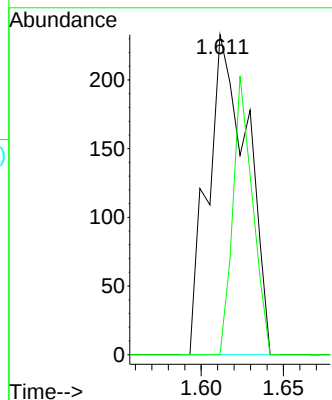
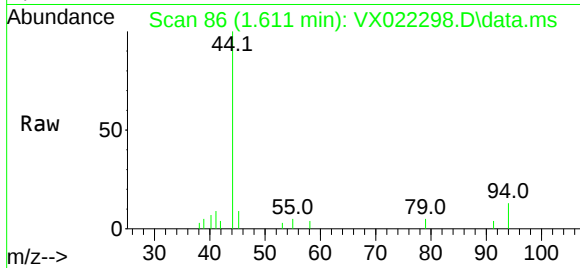




#5
Bromomethane
Concen: 0.73 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.001 min
Lab File: VX022298.D
Acq: 01 Jun 2021 18:10

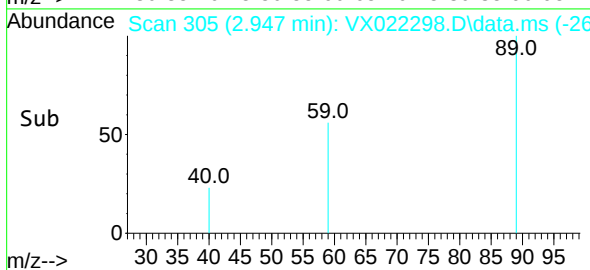
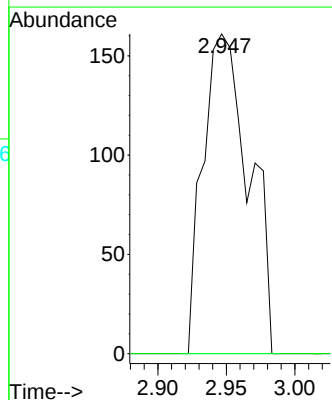
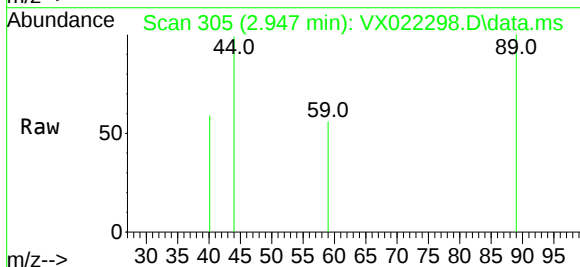
Instrument :
MSVOA_X
ClientSampleId :
54BR-20210526

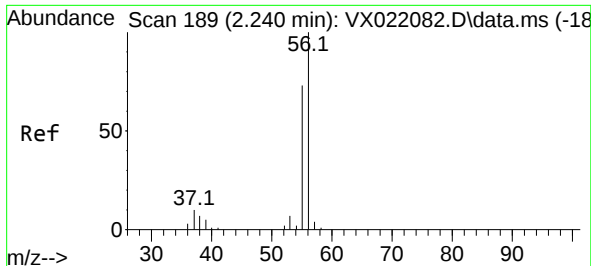
Tgt Ion: 94 Resp: 389
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#11
Tert butyl alcohol
Concen: 1.63 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022298.D
Acq: 01 Jun 2021 18:10

Tgt Ion: 59 Resp: 378
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

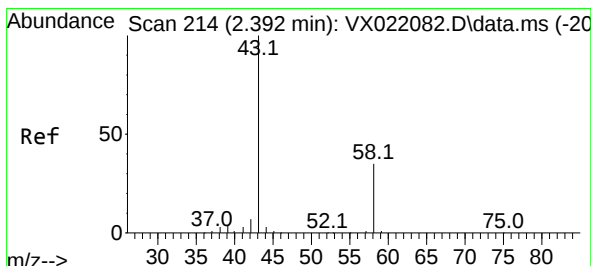
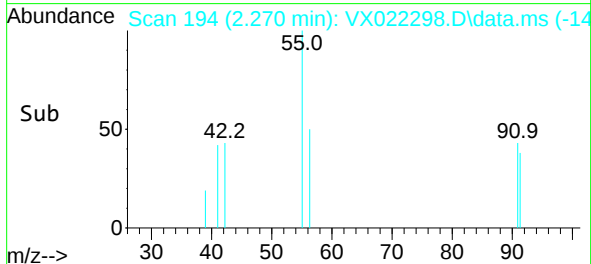
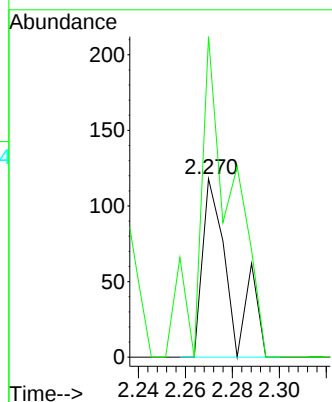
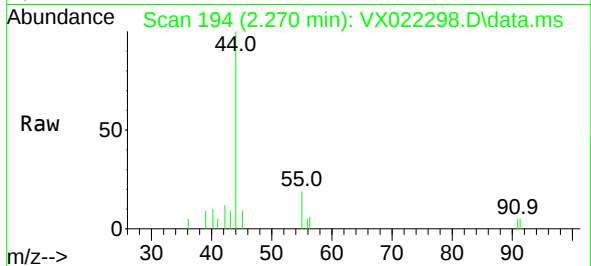




#13
Acrolein
Concen: 0.61 ug/l
RT: 2.270 min Scan# 194
Delta R.T. 0.030 min
Lab File: VX022298.D
Acq: 01 Jun 2021 18:10

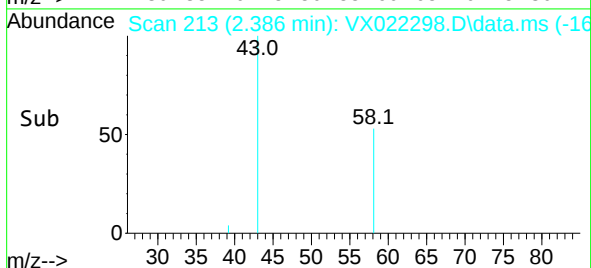
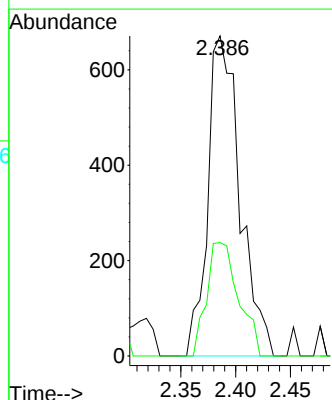
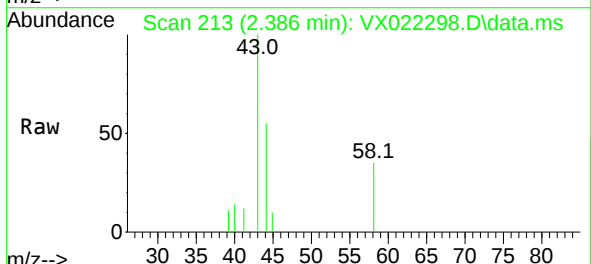
Instrument :
MSVOA_X
ClientSampleId :
54BR-20210526

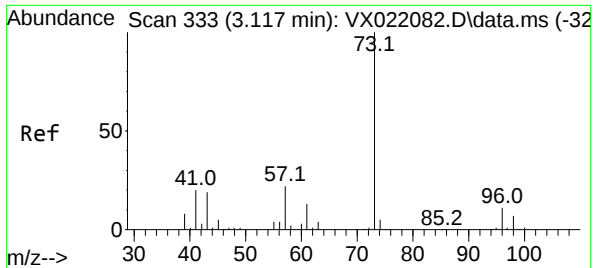
Tgt Ion: 56 Resp: 94
Ion Ratio Lower Upper
56 100
55 219.1 56.4 84.6#



#16
Acetone
Concen: 3.11 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022298.D
Acq: 01 Jun 2021 18:10

Tgt Ion: 43 Resp: 1368
Ion Ratio Lower Upper
43 100
58 35.5 27.8 41.8

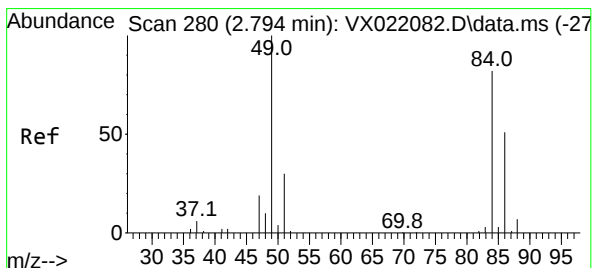
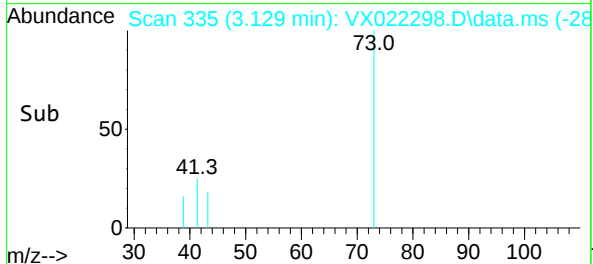
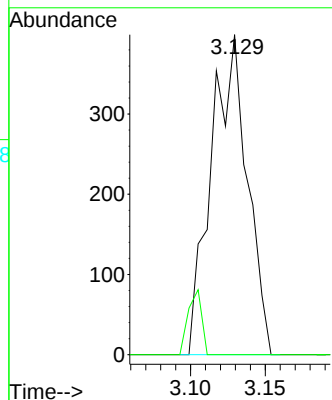
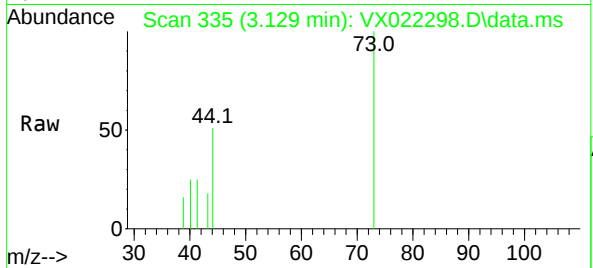




#19
Methyl tert-butyl Ether
Concen: 0.26 ug/l
RT: 3.129 min Scan# 335
Delta R.T. 0.012 min
Lab File: VX022298.D
Acq: 01 Jun 2021 18:10

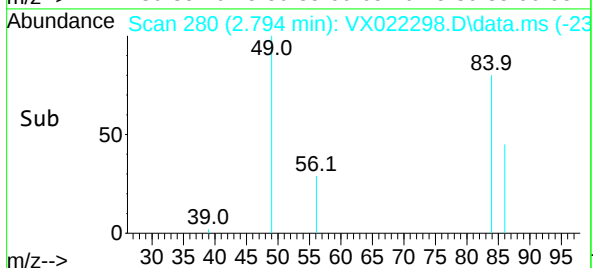
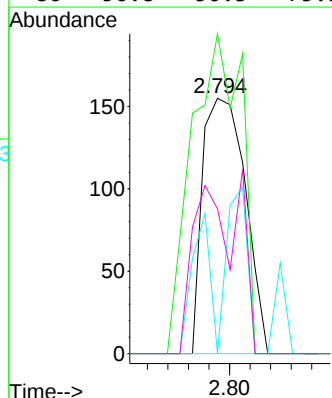
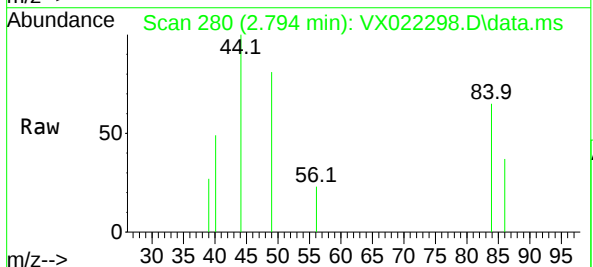
Instrument :
MSVOA_X
ClientSampleId :
54BR-20210526

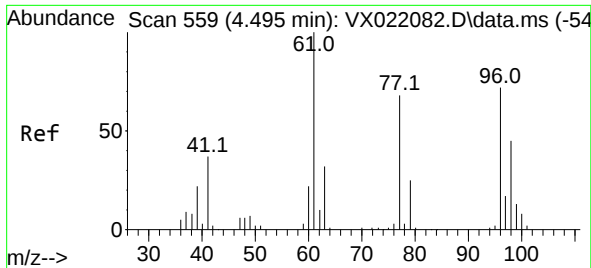
Tgt Ion: 73 Resp: 669
Ion Ratio Lower Upper
73 100
57 0.0 17.1 25.7#



#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022298.D
Acq: 01 Jun 2021 18:10

Tgt Ion: 84 Resp: 224
Ion Ratio Lower Upper
84 100
49 125.2 88.6 132.8
51 0.0 27.0 40.6#
86 56.8 50.3 75.5





#27

cis-1,2-Dichloroethene

Concen: 8.33 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX022298.D

Acq: 01 Jun 2021 18:10

Tgt Ion: 96 Resp: 8278

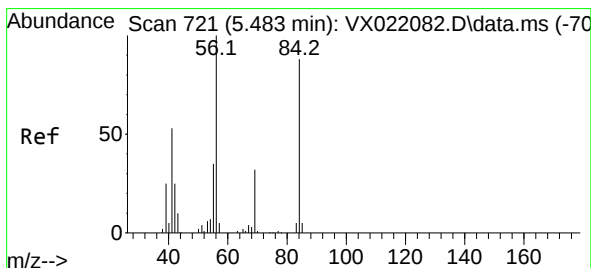
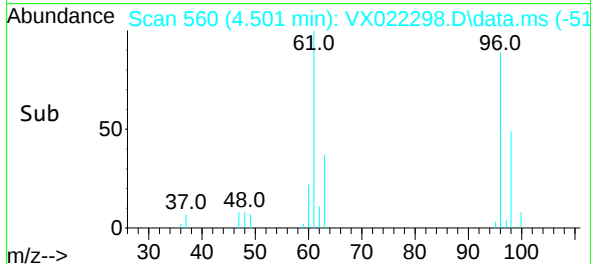
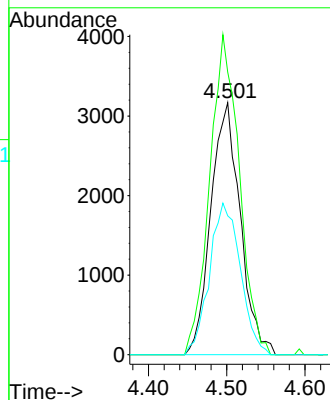
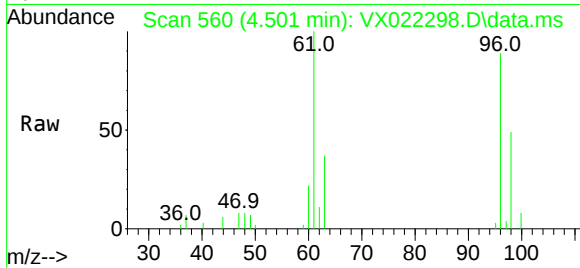
Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	285.6
98	63.1	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

54BR-20210526



#31

Cyclohexane

Concen: 1.48 ug/l

RT: 5.556 min Scan# 733

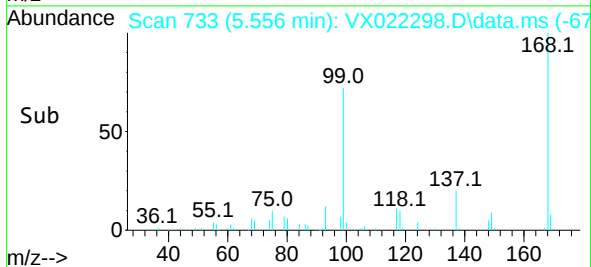
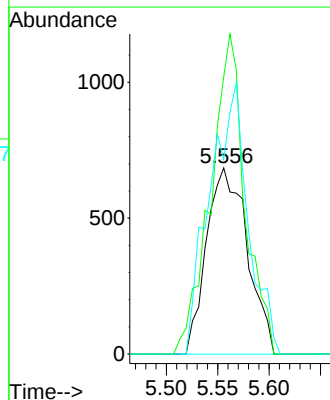
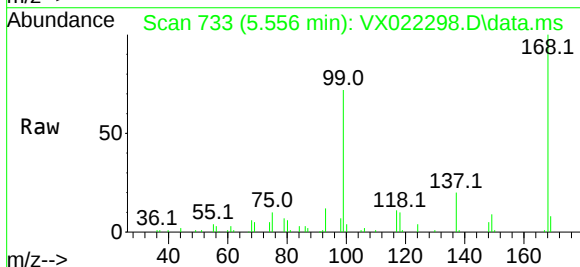
Delta R.T. 0.073 min

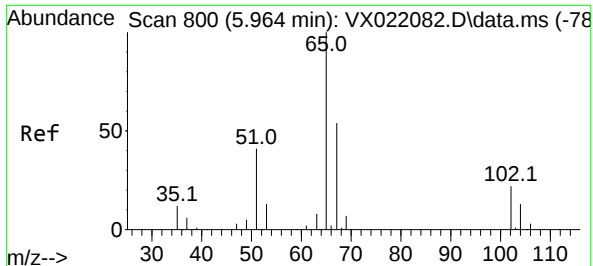
Lab File: VX022298.D

Acq: 01 Jun 2021 18:10

Tgt Ion: 56 Resp: 1886

Ion	Ratio	Lower	Upper
56	100		
69	149.1	25.3	37.9#
84	104.7	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 54.00 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022298.D

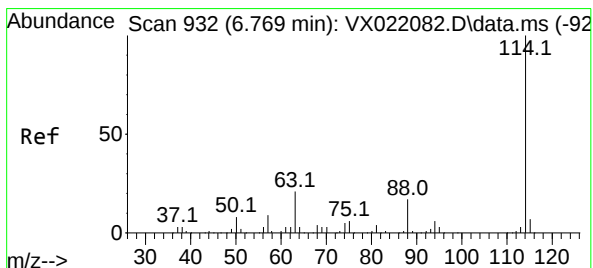
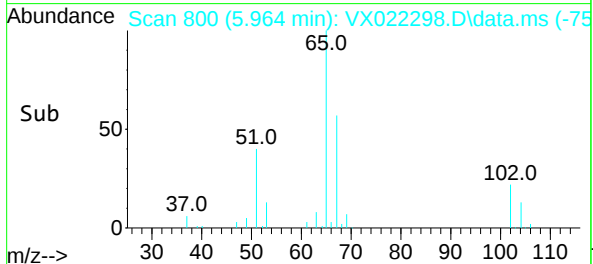
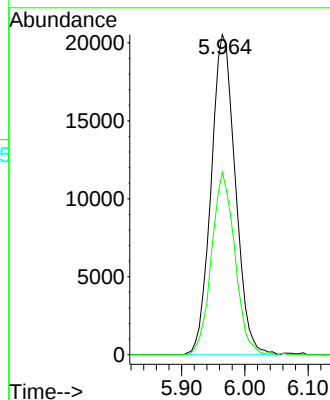
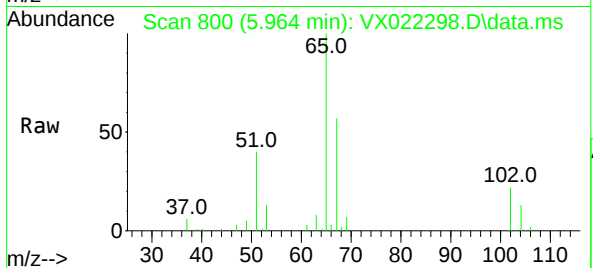
Acq: 01 Jun 2021 18:10

Tgt Ion: 65 Resp: 54598

Ion Ratio Lower Upper

65 100

67 54.8 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022298.D

Acq: 01 Jun 2021 18:10

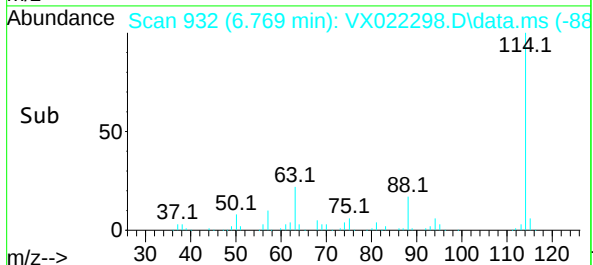
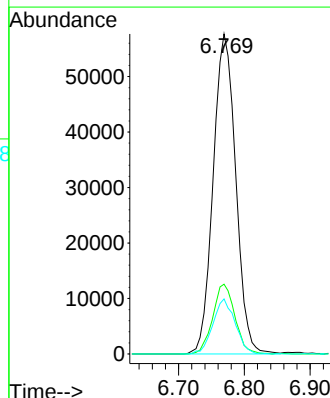
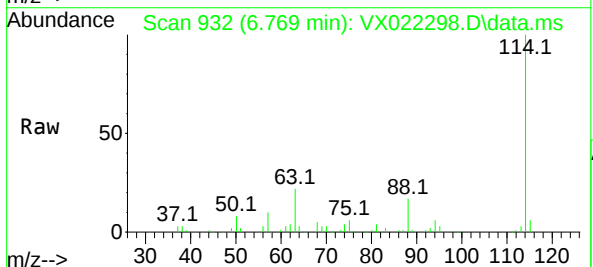
Tgt Ion: 114 Resp: 137753

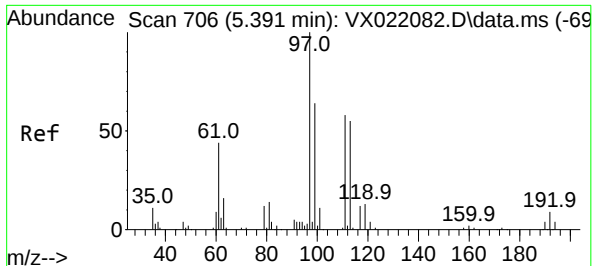
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.8

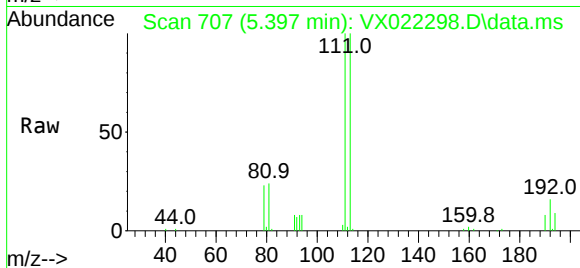
88 17.2 0.0 32.8



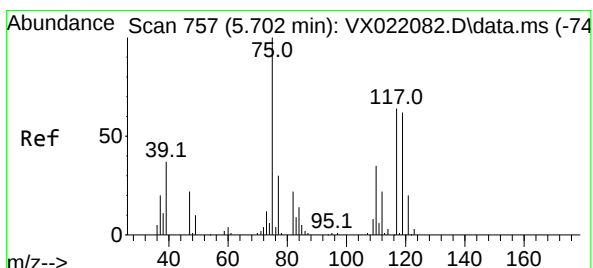
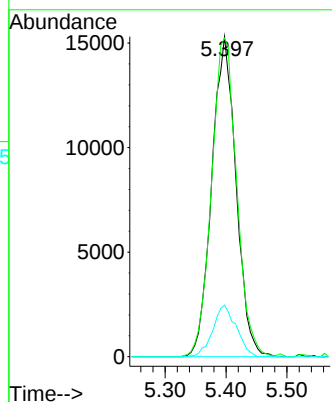
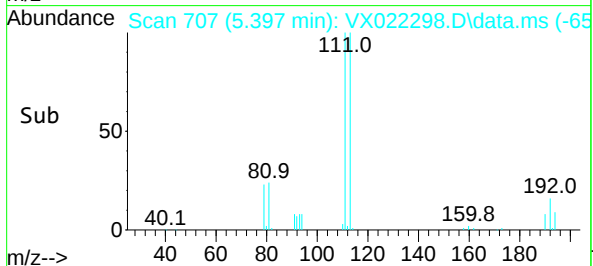


#35
Dibromofluoromethane
Concen: 48.32 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022298.D
Acq: 01 Jun 2021 18:10

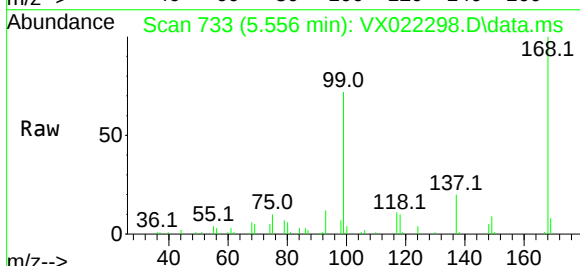
Instrument :
MSVOA_X
ClientSampleId :
54BR-20210526



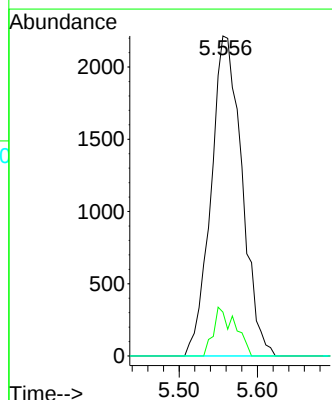
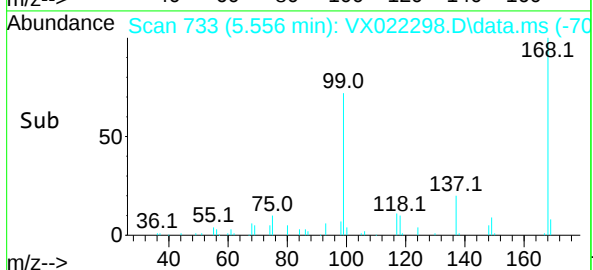
Tgt Ion:113 Resp: 42213
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 15.6 16.7 25.1#

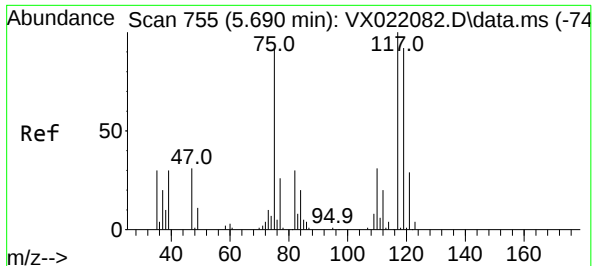


#36
1,1-Dichloropropene
Concen: 4.76 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022298.D
Acq: 01 Jun 2021 18:10



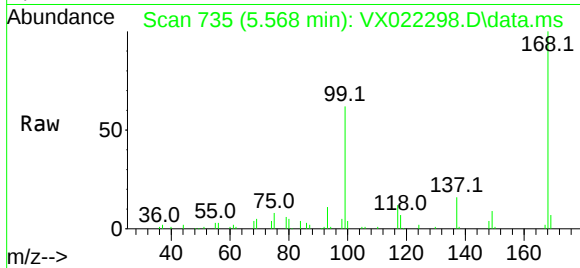
Tgt Ion: 75 Resp: 6068
Ion Ratio Lower Upper
75 100
110 10.7 18.1 54.4#
77 0.0 25.3 37.9#



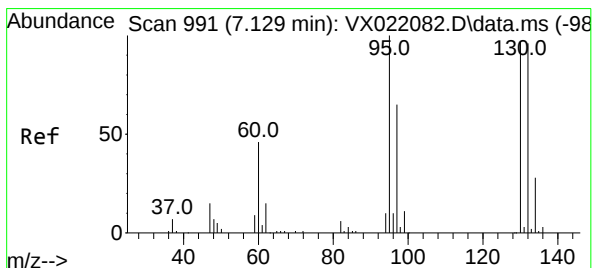
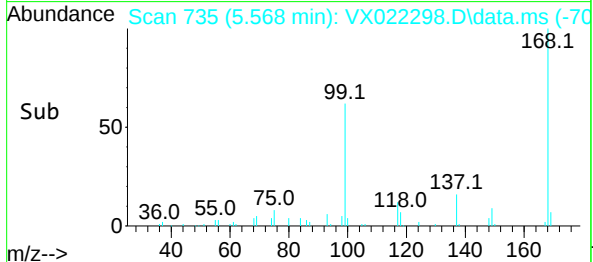
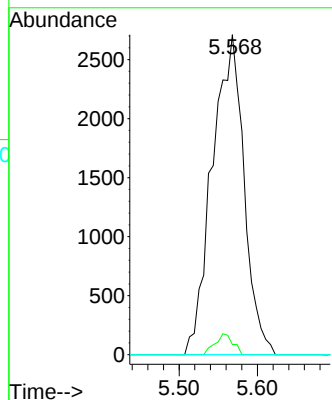


#38
Carbon Tetrachloride
Concen: 6.13 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022298.D
Acq: 01 Jun 2021 18:10

Instrument :
MSVOA_X
ClientSampleId :
54BR-20210526

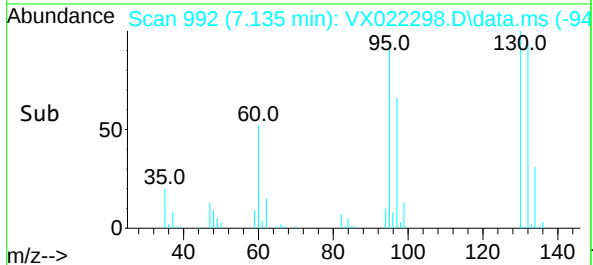
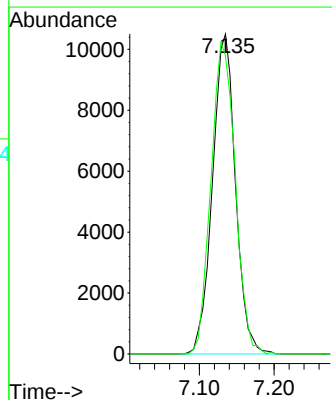
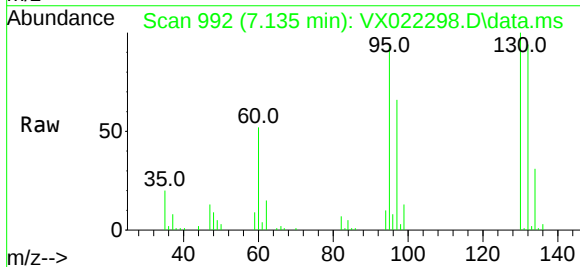


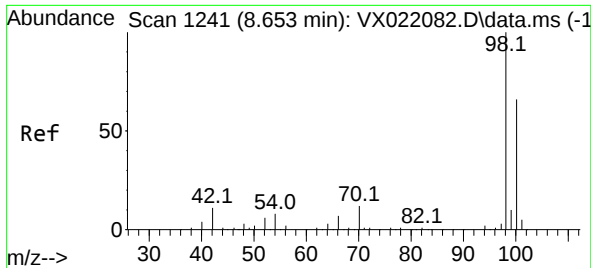
Tgt Ion:117 Resp: 7638
Ion Ratio Lower Upper
117 100
119 3.2 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 23.10 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022298.D
Acq: 01 Jun 2021 18:10

Tgt Ion:130 Resp: 22493
Ion Ratio Lower Upper
130 100
95 93.1 0.0 198.0

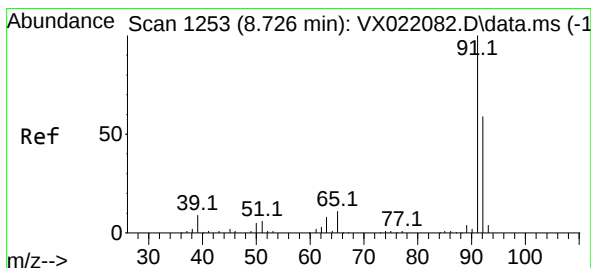
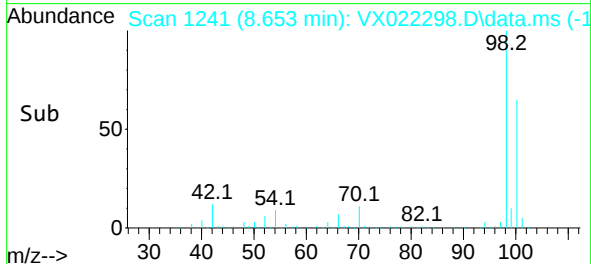
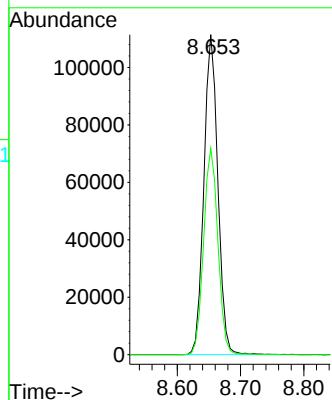
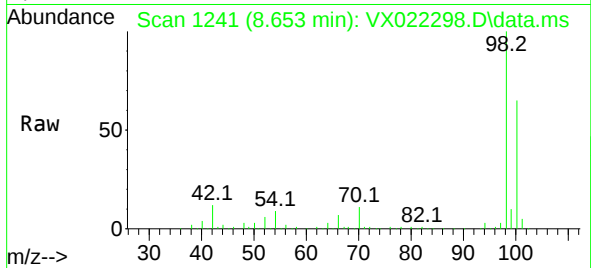




#50
Toluene-d8
Concen: 50.95 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022298.D
Acq: 01 Jun 2021 18:10

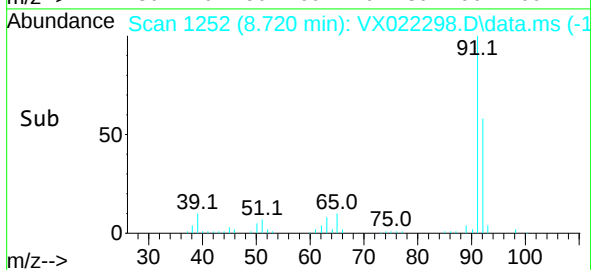
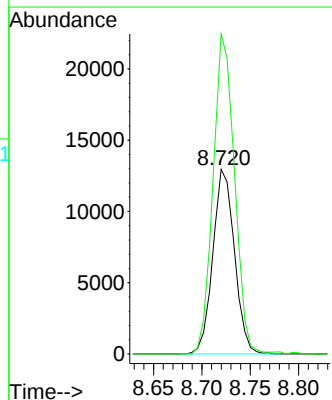
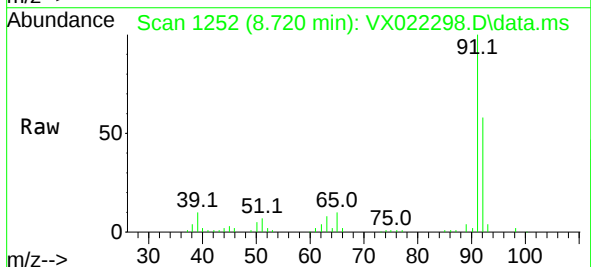
Instrument :
MSVOA_X
ClientSampleId :
54BR-20210526

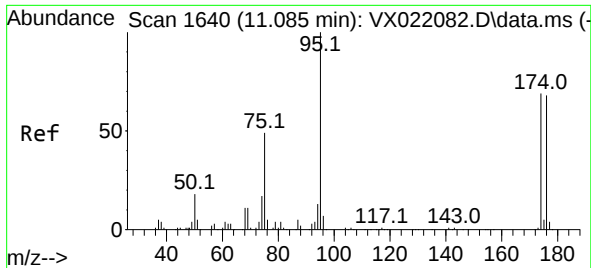
Tgt Ion: 98 Resp: 171441
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#52
Toluene
Concen: 8.11 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022298.D
Acq: 01 Jun 2021 18:10

Tgt Ion: 92 Resp: 20122
Ion Ratio Lower Upper
92 100
91 172.1 137.1 205.7

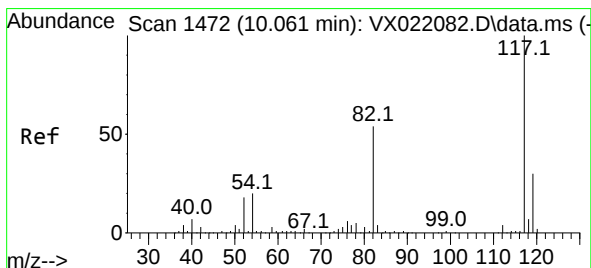
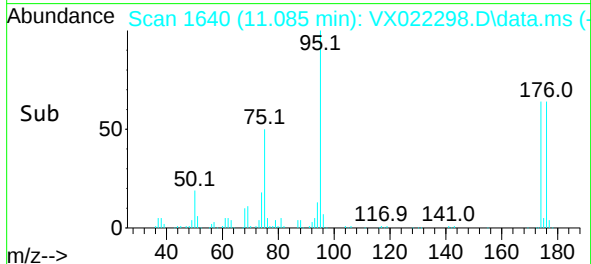
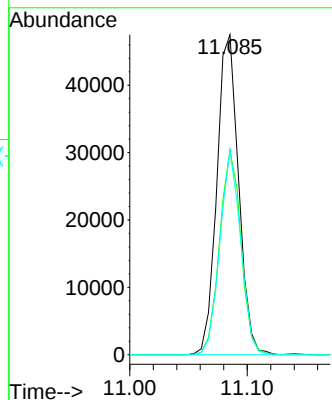
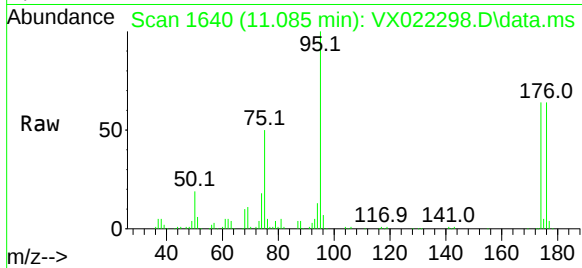




#62
4-Bromofluorobenzene
Concen: 49.03 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022298.D
Acq: 01 Jun 2021 18:10

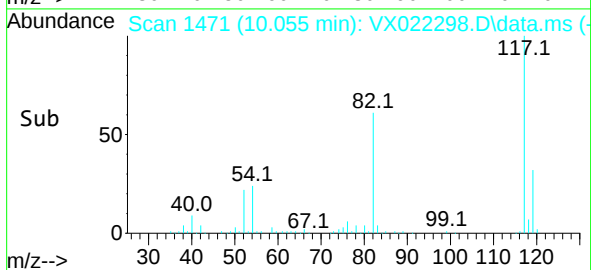
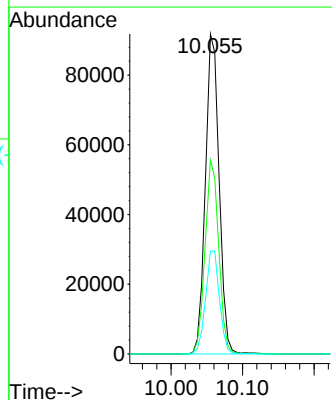
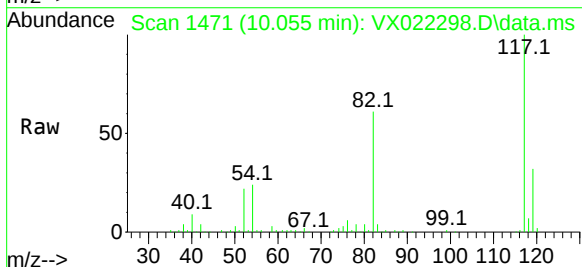
Instrument :
MSVOA_X
ClientSampleId :
54BR-20210526

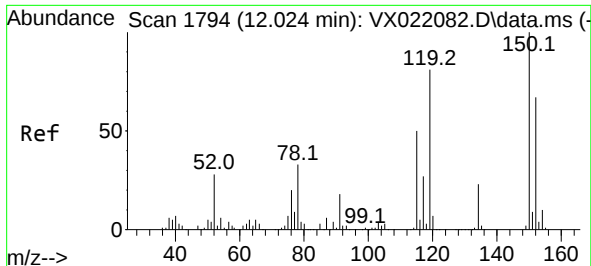
Tgt Ion: 95 Resp: 60989
Ion Ratio Lower Upper
95 100
174 63.0 0.0 154.6
176 61.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022298.D
Acq: 01 Jun 2021 18:10

Tgt Ion: 117 Resp: 122545
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 32.1 26.6 39.8

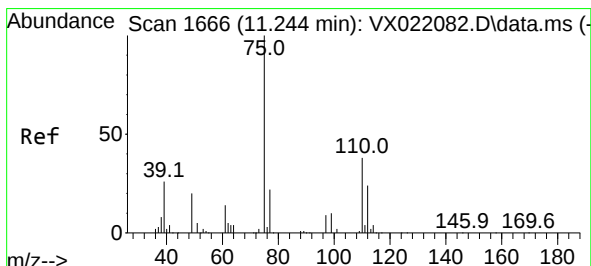
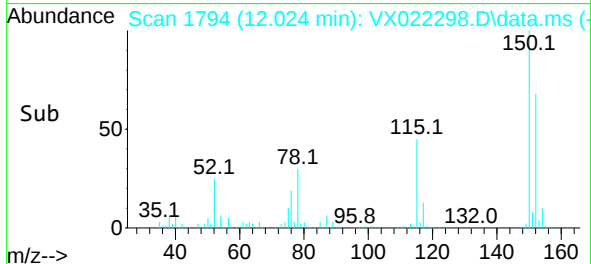
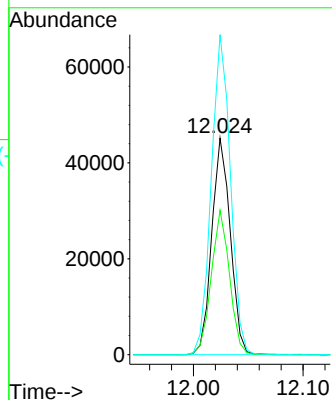
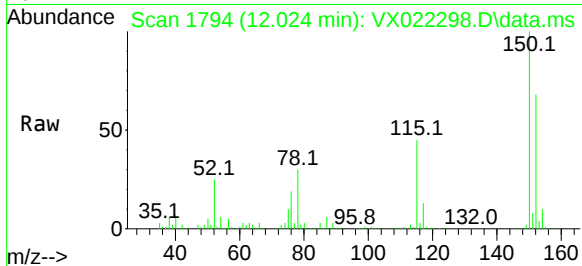




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022298.D
 Acq: 01 Jun 2021 18:10

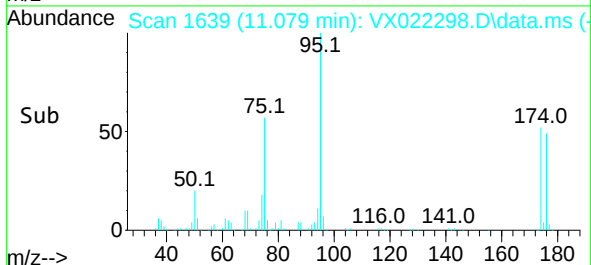
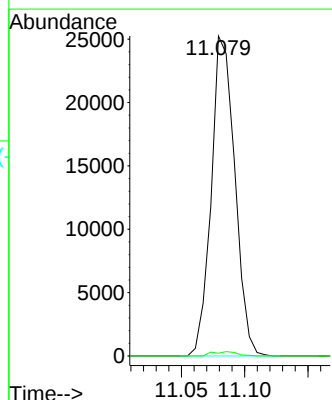
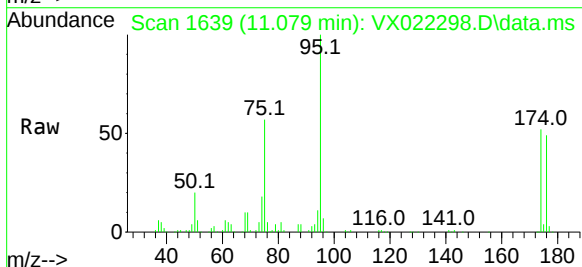
Instrument :
 MSVOA_X
 ClientSampleId :
 54BR-20210526

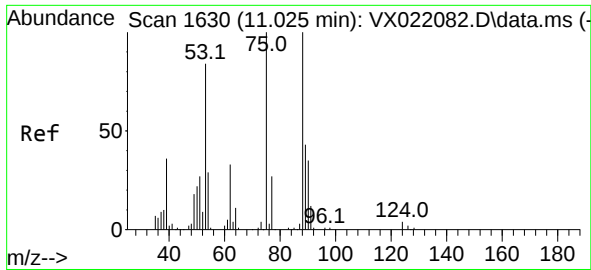
Tgt Ion:152 Resp: 53181
 Ion Ratio Lower Upper
 152 100
 115 65.7 41.1 123.3
 150 152.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.96 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX022298.D
 Acq: 01 Jun 2021 18:10

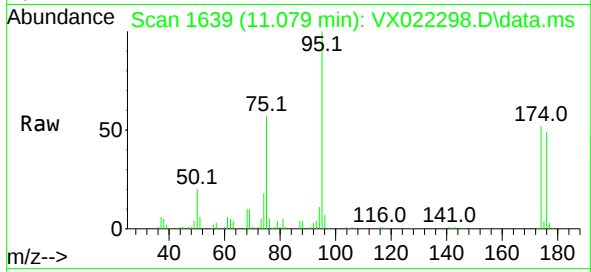
Tgt Ion: 75 Resp: 32741
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.13 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.054 min
 Lab File: VX022298.D
 Acq: 01 Jun 2021 18:10

Instrument :
 MSVOA_X
 ClientSampleId :
 54BR-20210526



Tgt Ion: 75 Resp: 32741
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

