

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022272.D
 Acq On : 28 May 2021 23:56
 Operator : JC/MD
 Sample : M2545-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 54BR-20210526

Quant Time: May 29 04:57:45 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)

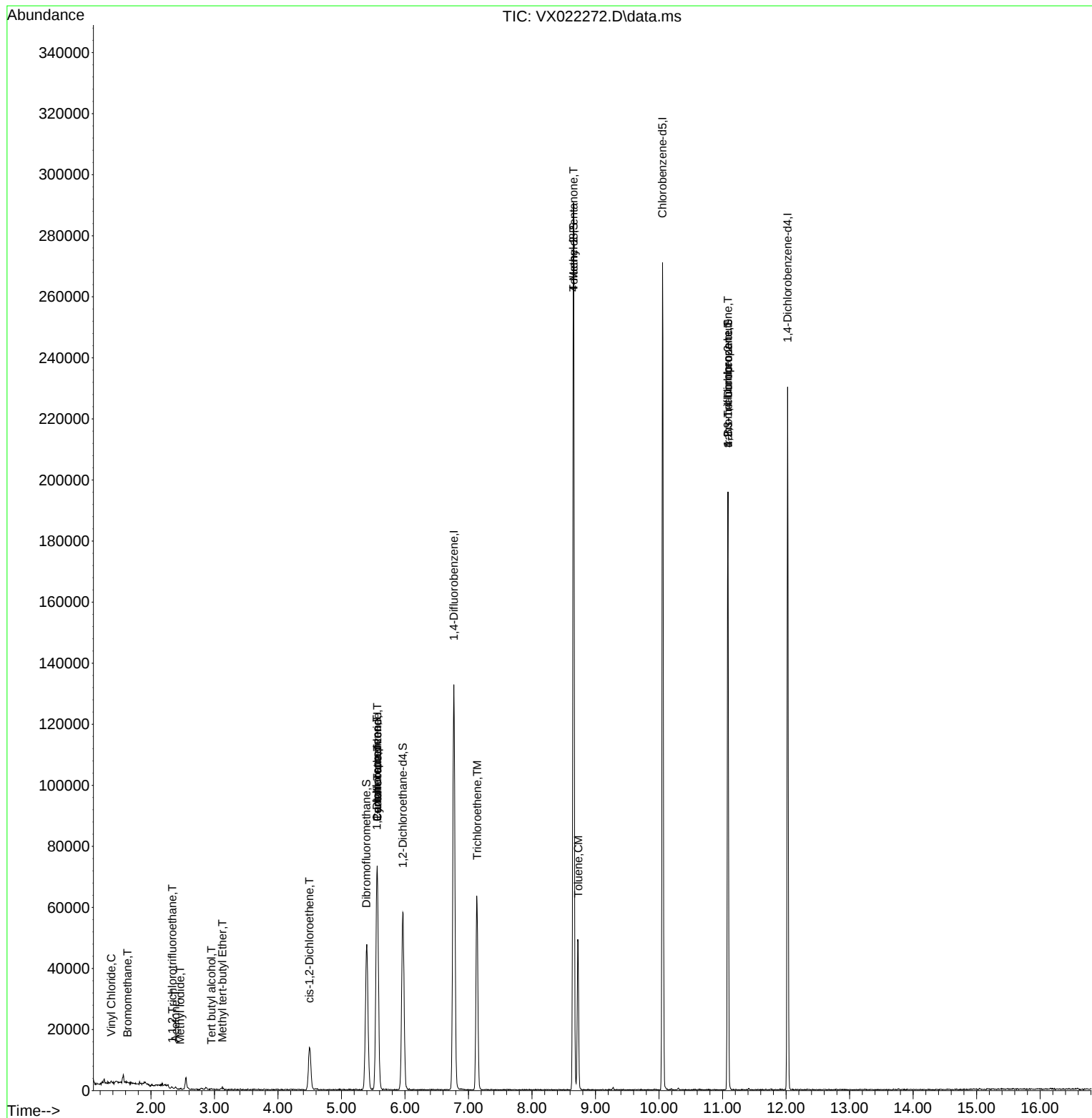
Internal Standards						
1) Pentafluorobenzene	5.562	168	63758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	131692	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53450	54.35	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.70%			
35) Dibromofluoromethane	5.391	113	40467	48.46	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.92%			
50) Toluene-d8	8.653	98	163830	50.93	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.86%			
62) 4-Bromofluorobenzene	11.085	95	54548	45.87	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.74%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	371	0.42	ug/l #	61
5) Bromomethane	1.630	94	106	0.21	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.337	101	257	0.34	ug/l #	63
10) Methyl Iodide	2.459	142	187	0.23	ug/l #	58
11) Tert butyl alcohol	2.953	59	116	0.52	ug/l #	73
16) Acetone	2.386	43	796	1.86	ug/l #	87
19) Methyl tert-butyl Ether	3.123	73	578	0.23	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	8551	8.85	ug/l	91
31) Cyclohexane	5.562	56	1664	1.35	ug/l #	27
36) 1,1-Dichloropropene	5.556	75	5874	4.82	ug/l #	47
38) Carbon Tetrachloride	5.562	117	7398	6.21	ug/l #	15
44) Trichloroethene	7.135	130	22417	24.08	ug/l	95
51) 4-Methyl-2-Pentanone	8.653	43	752	0.51	ug/l #	1
52) Toluene	8.726	92	18288	7.71	ug/l	99
76) 1,2,3-Trichloropropane	11.085	75	27953	27.22	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	27953	64.50	ug/l #	12

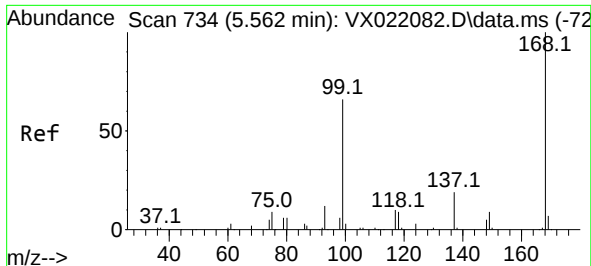
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 29 04:57:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

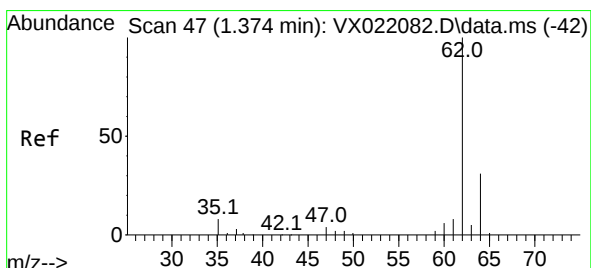
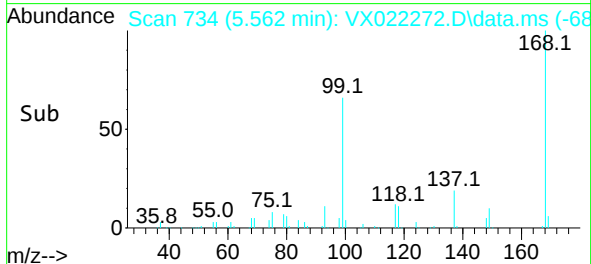
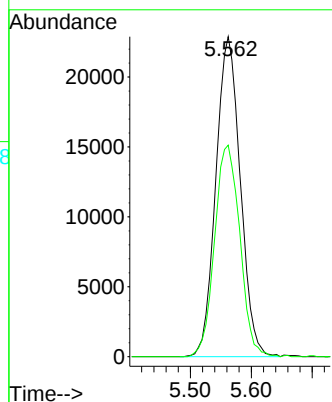
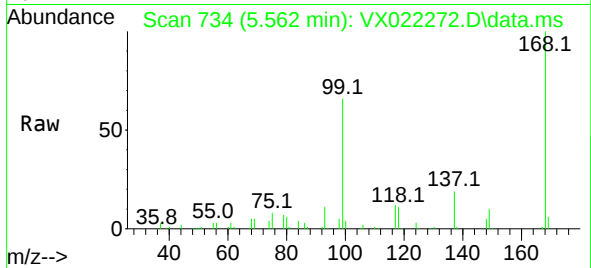




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022272.D
Acq: 28 May 2021 23:56

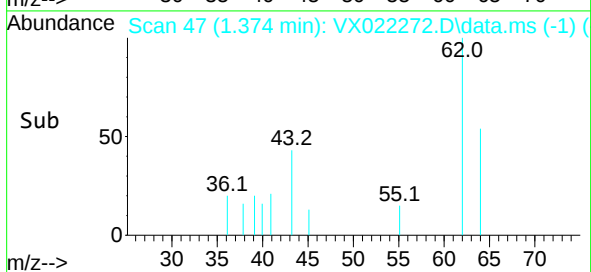
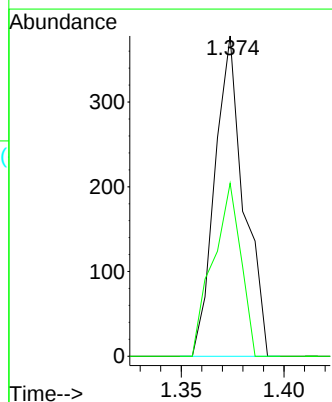
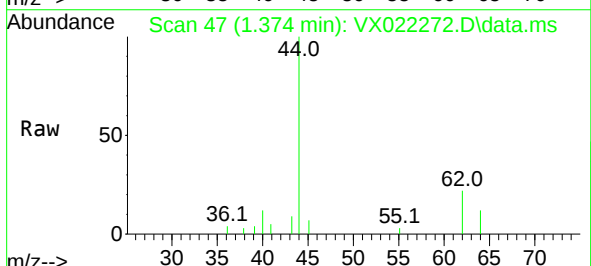
Instrument :
MSVOA_X
ClientSampleId :
54BR-20210526

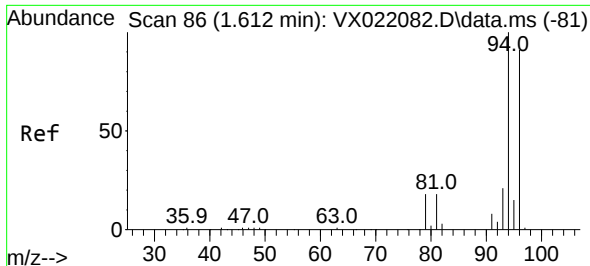
Tgt Ion:168 Resp: 63758
Ion Ratio Lower Upper
168 100
99 66.1 45.8 68.6



#4
Vinyl Chloride
Concen: 0.42 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022272.D
Acq: 28 May 2021 23:56

Tgt Ion: 62 Resp: 371
Ion Ratio Lower Upper
62 100
64 54.0 25.7 38.5#

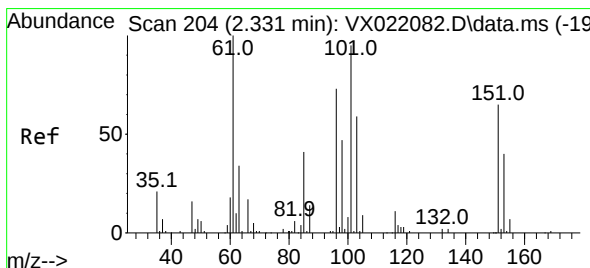
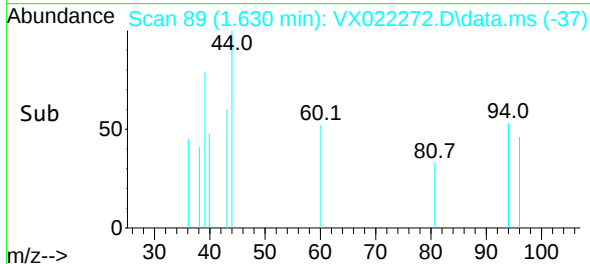
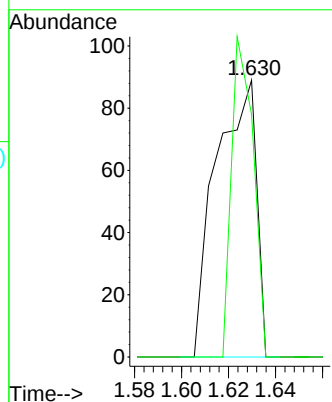
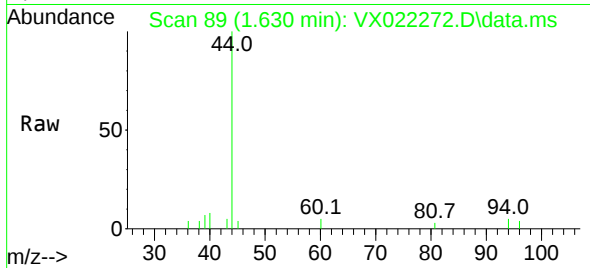




#5
Bromomethane
Concen: 0.21 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.018 min
Lab File: VX022272.D
Acq: 28 May 2021 23:56

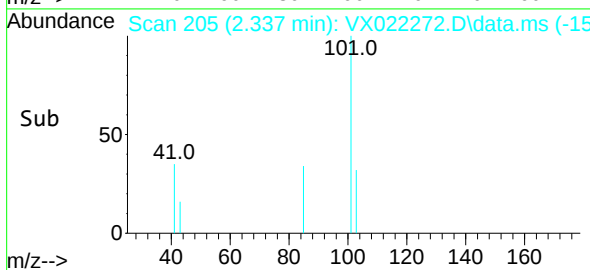
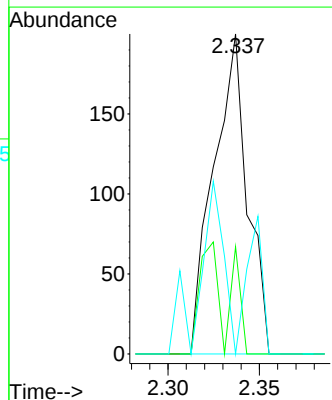
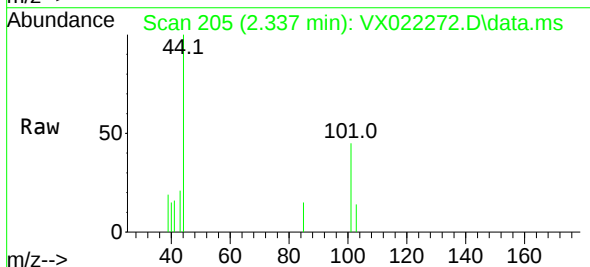
Instrument :
MSVOA_X
ClientSampleId :
54BR-20210526

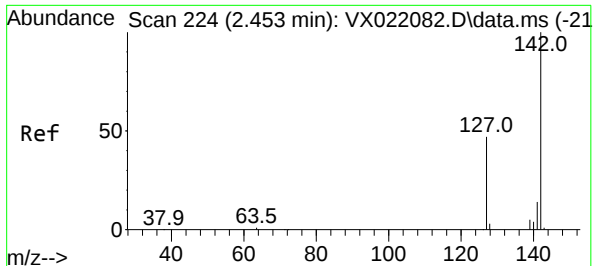
Tgt Ion: 94 Resp: 106
Ion Ratio Lower Upper
94 100
96 87.6 76.4 114.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.34 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX022272.D
Acq: 28 May 2021 23:56

Tgt Ion: 101 Resp: 257
Ion Ratio Lower Upper
101 100
85 28.0 34.9 52.3#
151 38.5 61.4 92.2#

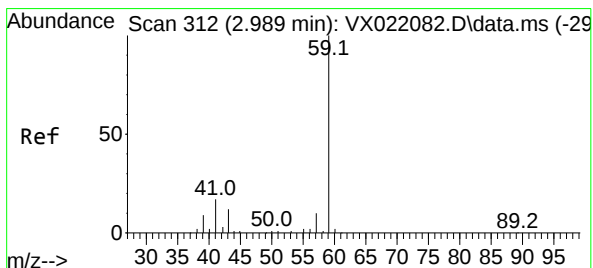
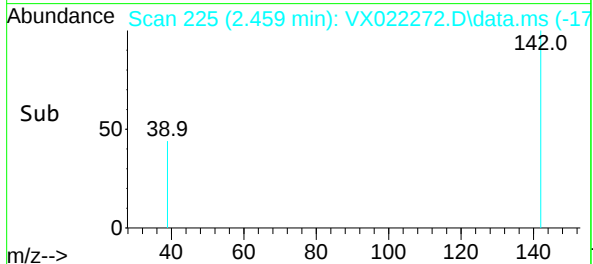
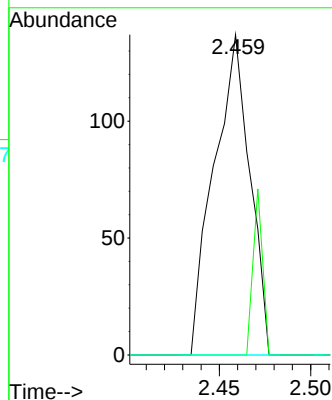
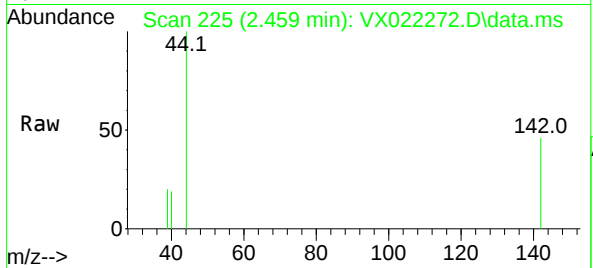




#10
Methyl Iodide
Concen: 0.23 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022272.D
Acq: 28 May 2021 23:56

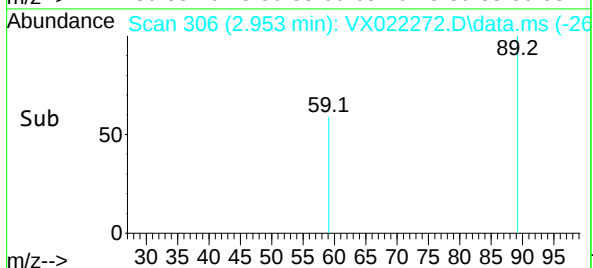
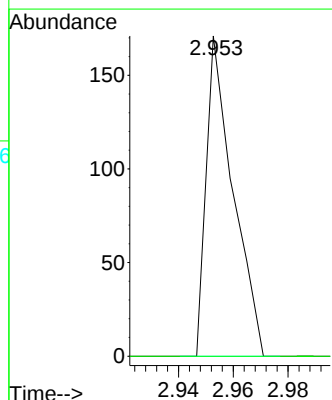
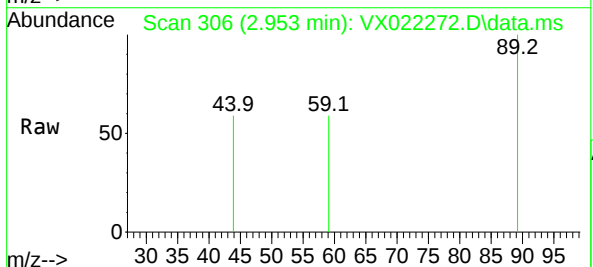
Instrument :
MSVOA_X
ClientSampleId :
54BR-20210526

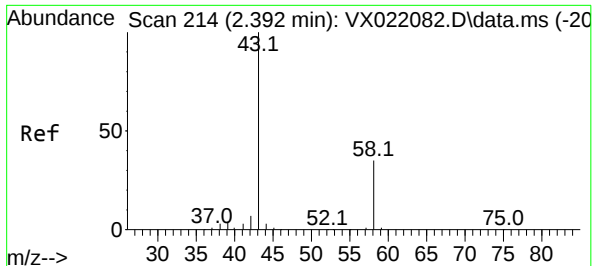
Tgt Ion:142 Resp: 187
Ion Ratio Lower Upper
142 100
127 13.9 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.52 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022272.D
Acq: 28 May 2021 23:56

Tgt Ion: 59 Resp: 116
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

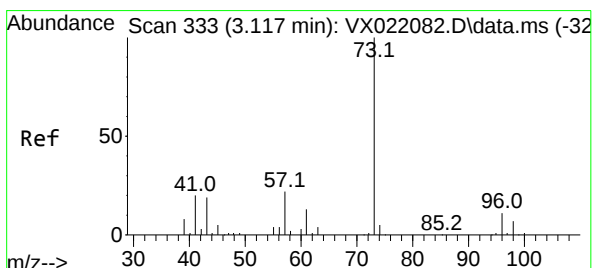
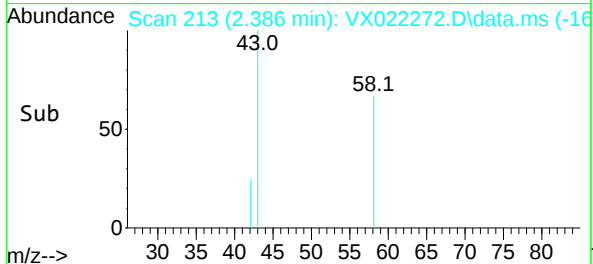
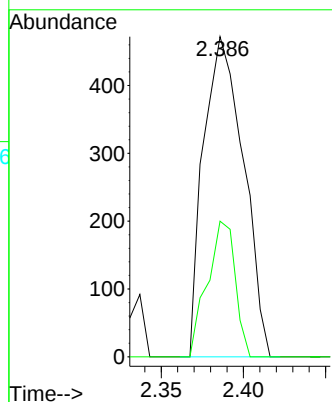
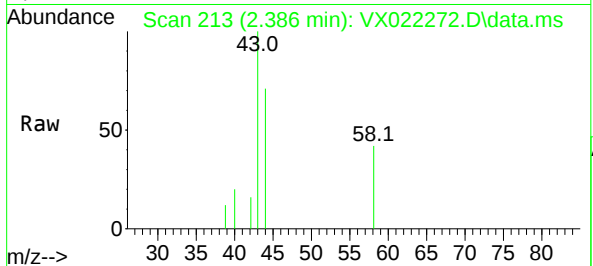




#16
Acetone
Concen: 1.86 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022272.D
Acq: 28 May 2021 23:56

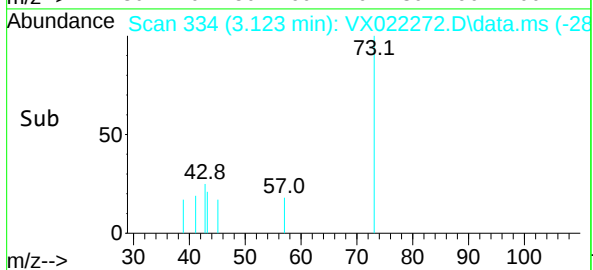
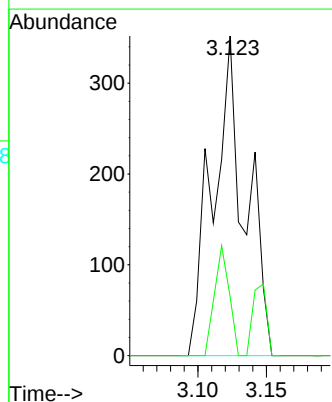
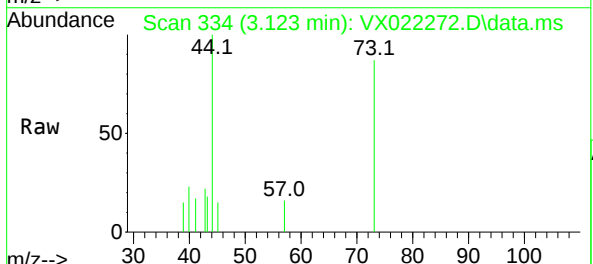
Instrument :
MSVOA_X
ClientSampleId :
54BR-20210526

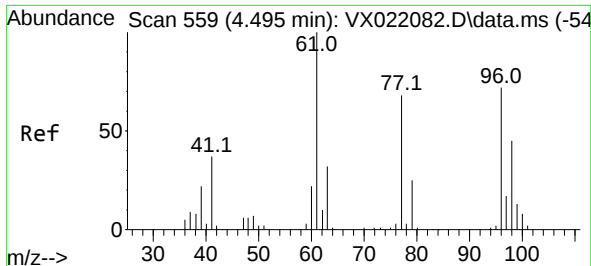
Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
58 42.4 27.8 41.8#



#19
Methyl tert-butyl Ether
Concen: 0.23 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX022272.D
Acq: 28 May 2021 23:56

Tgt Ion: 73 Resp: 578
Ion Ratio Lower Upper
73 100
57 18.5 17.1 25.7





#27

cis-1,2-Dichloroethene

Concen: 8.85 ug/l

RT: 4.495 min Scan# 559

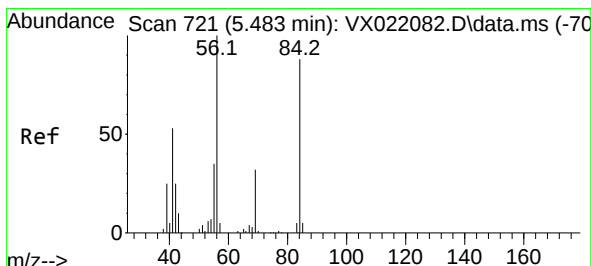
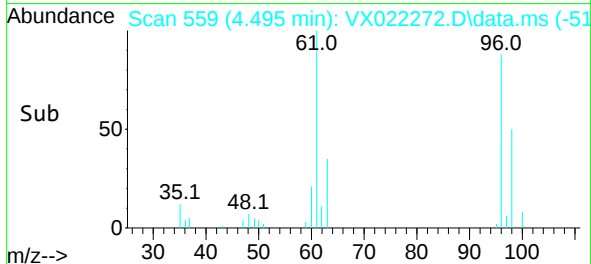
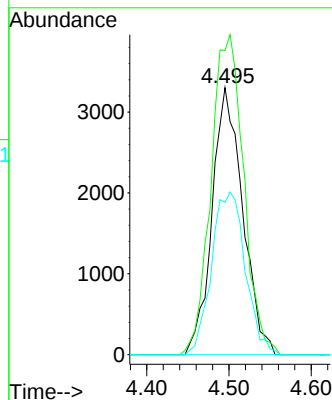
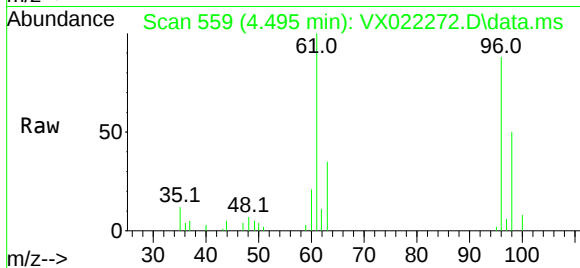
Delta R.T. 0.000 min

Lab File: VX022272.D

Acq: 28 May 2021 23:56

Tgt Ion: 96 Resp: 8551

Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	285.6
98	67.2	0.0	129.6



#31

Cyclohexane

Concen: 1.35 ug/l

RT: 5.562 min Scan# 734

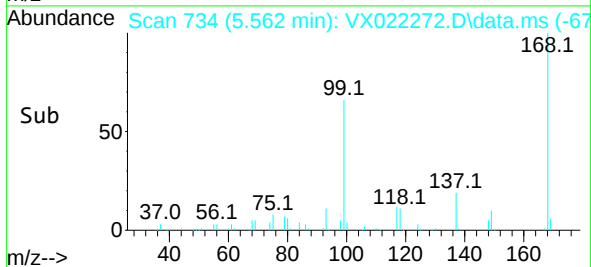
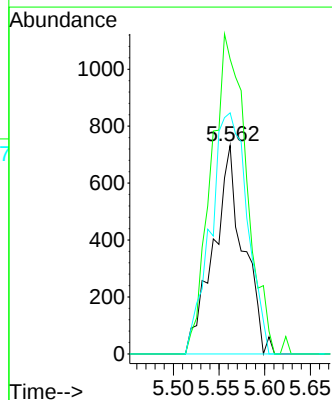
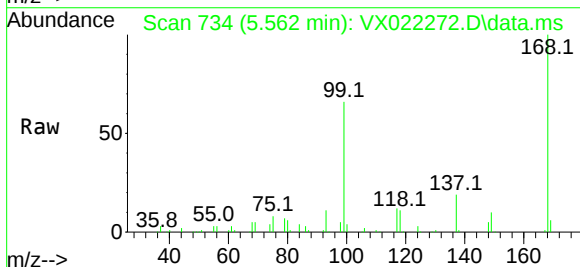
Delta R.T. 0.079 min

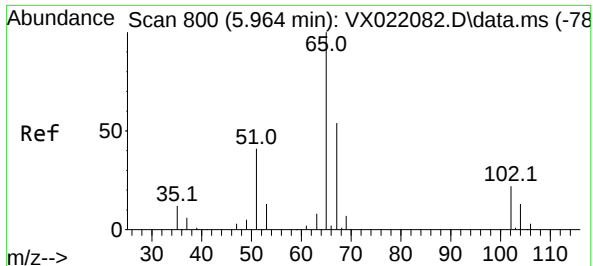
Lab File: VX022272.D

Acq: 28 May 2021 23:56

Tgt Ion: 56 Resp: 1664

Ion	Ratio	Lower	Upper
56	100		
69	141.5	25.3	37.9#
84	115.7	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 54.35 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022272.D

Acq: 28 May 2021 23:56

Tgt Ion: 65 Resp: 53450

Ion Ratio Lower Upper

65 100

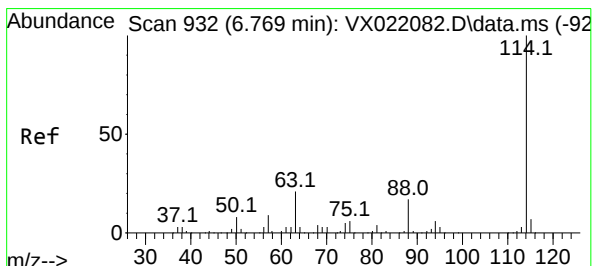
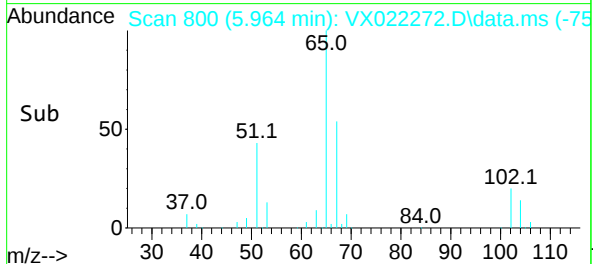
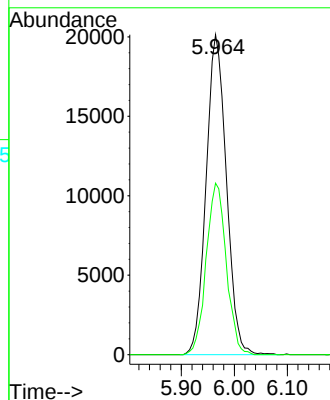
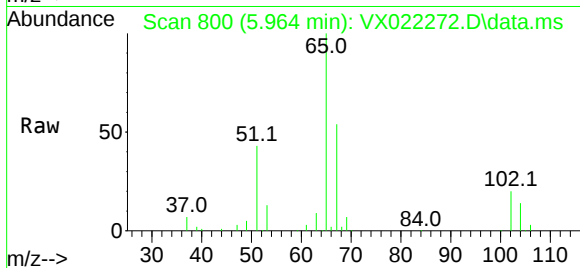
67 53.0 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

54BR-20210526



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022272.D

Acq: 28 May 2021 23:56

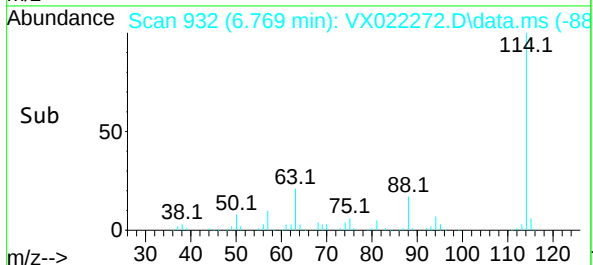
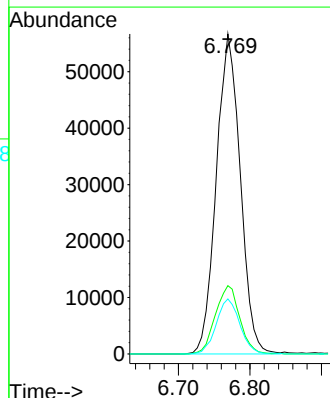
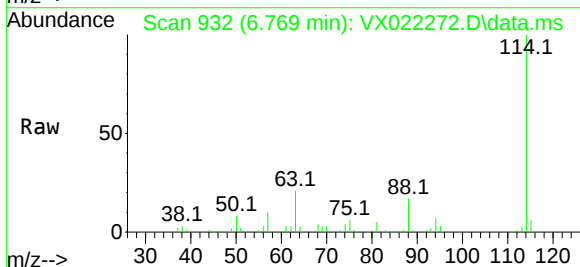
Tgt Ion: 114 Resp: 131692

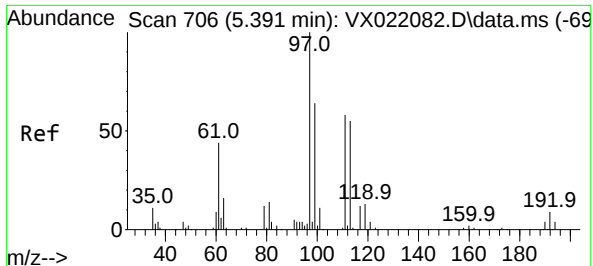
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

88 17.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.46 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX022272.D

Acq: 28 May 2021 23:56

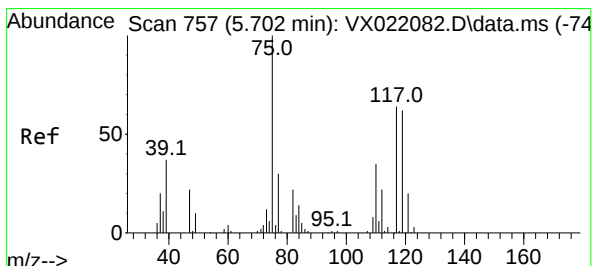
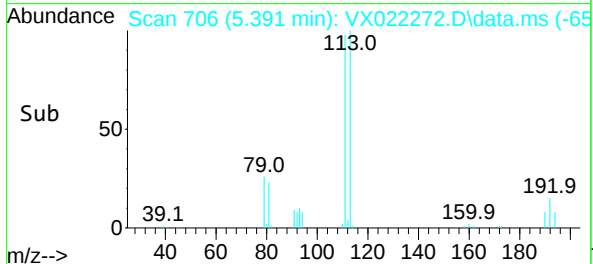
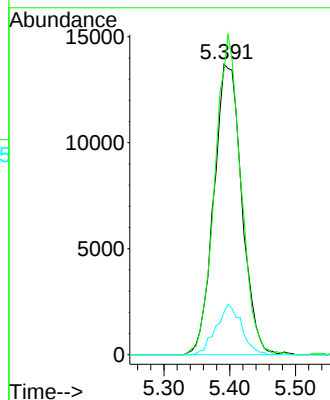
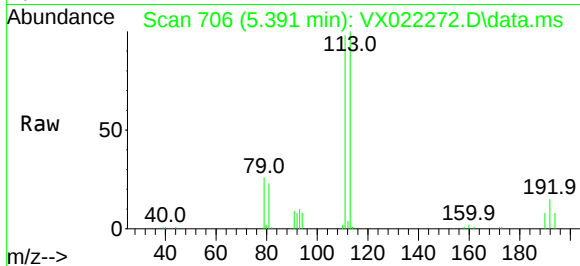
Tgt Ion:113 Resp: 40467

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

192 15.7 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.82 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022272.D

Acq: 28 May 2021 23:56

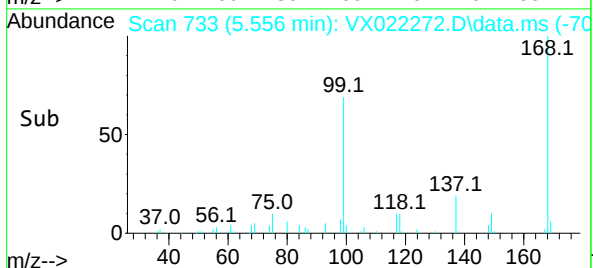
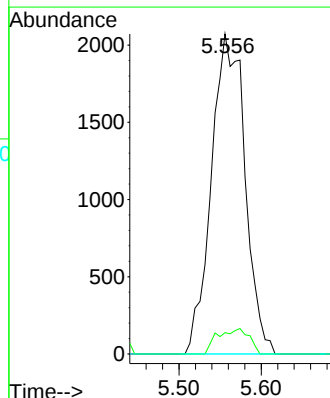
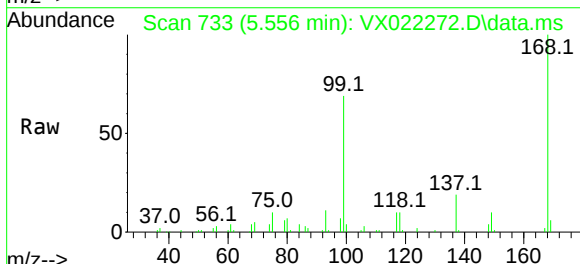
Tgt Ion: 75 Resp: 5874

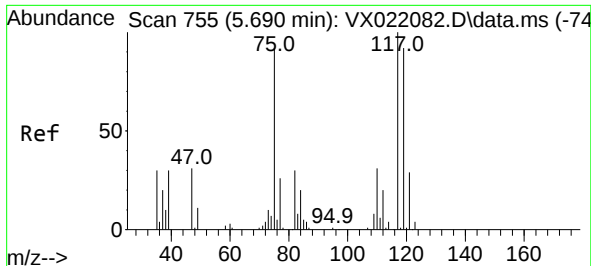
Ion Ratio Lower Upper

75 100

110 7.4 18.1 54.4#

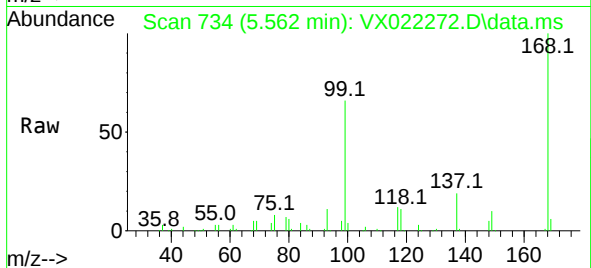
77 0.0 25.3 37.9#



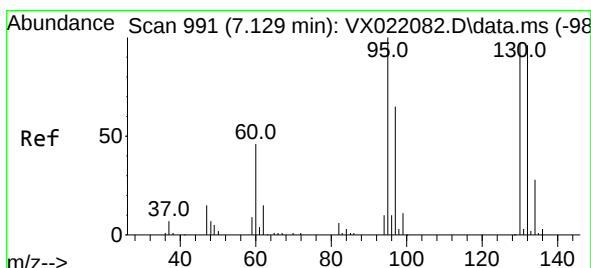
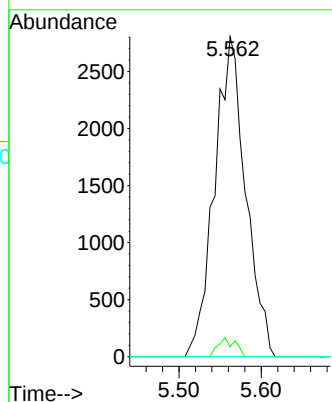
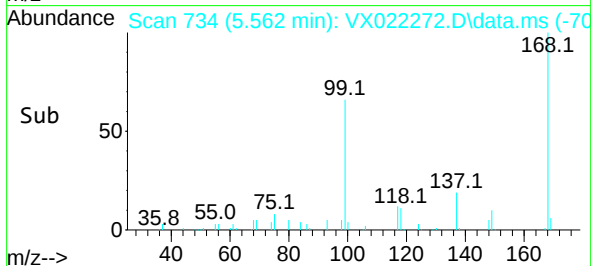


#38
Carbon Tetrachloride
Concen: 6.21 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022272.D
Acq: 28 May 2021 23:56

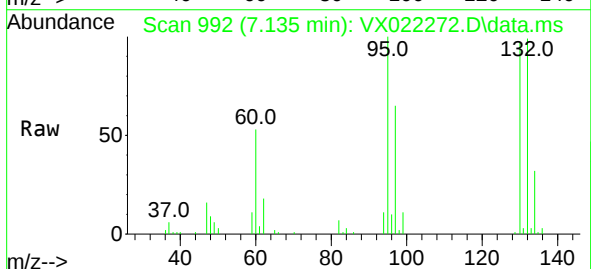
Instrument :
MSVOA_X
ClientSampleId :
54BR-20210526



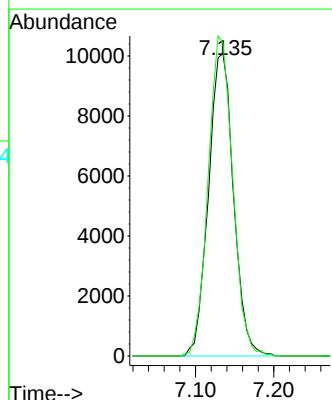
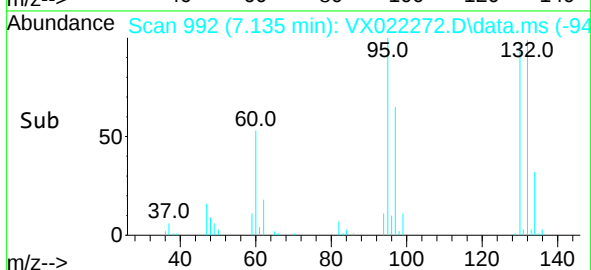
Tgt Ion:117 Resp: 7398
Ion Ratio Lower Upper
117 100
119 3.1 76.2 114.2#
121 0.0 24.8 37.2#

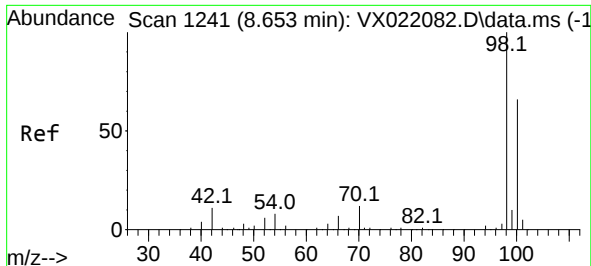


#44
Trichloroethene
Concen: 24.08 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022272.D
Acq: 28 May 2021 23:56



Tgt Ion:130 Resp: 22417
Ion Ratio Lower Upper
130 100
95 103.5 0.0 198.0

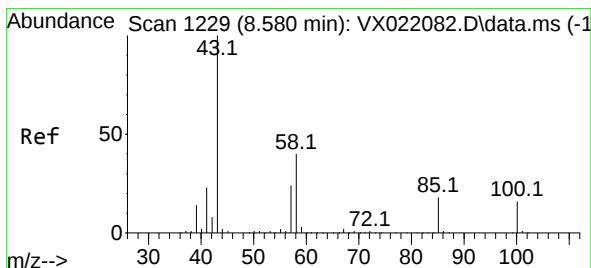
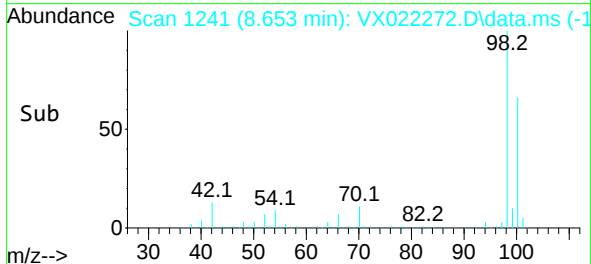
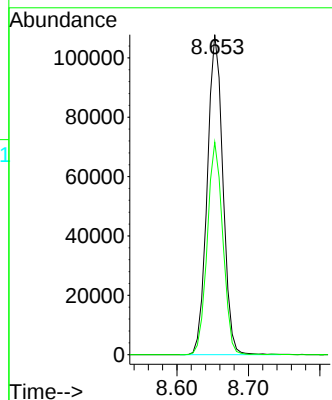
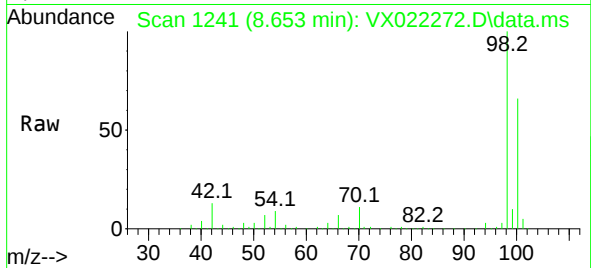




#50
Toluene-d8
Concen: 50.93 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022272.D
Acq: 28 May 2021 23:56

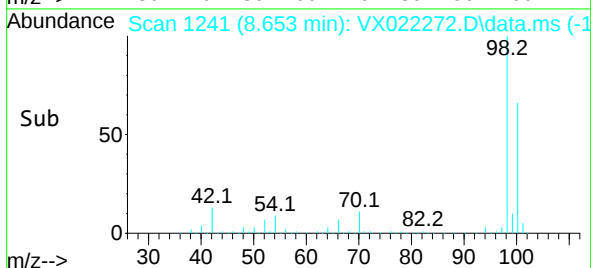
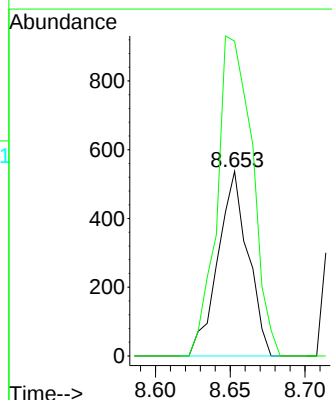
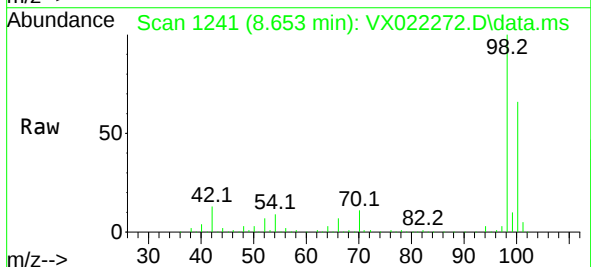
Instrument :
MSVOA_X
ClientSampleId :
54BR-20210526

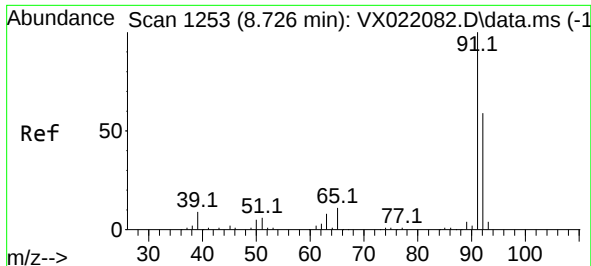
Tgt Ion: 98 Resp: 163830
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022272.D
Acq: 28 May 2021 23:56

Tgt Ion: 43 Resp: 752
Ion Ratio Lower Upper
43 100
58 202.4 35.4 53.0#

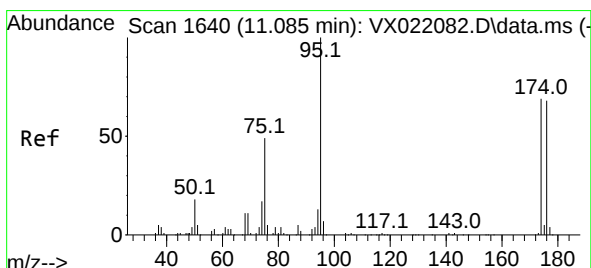
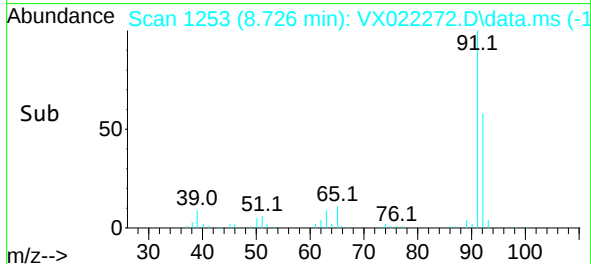
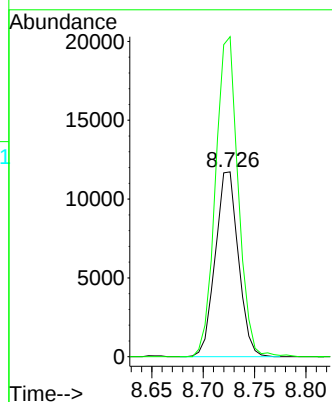
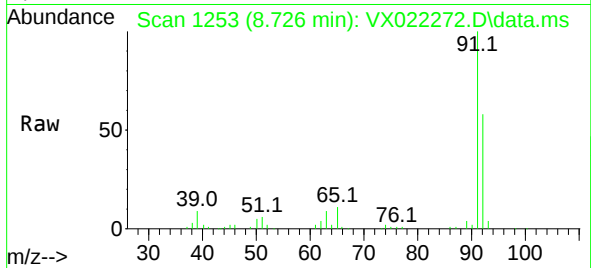




#52
Toluene
Concen: 7.71 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX022272.D
Acq: 28 May 2021 23:56

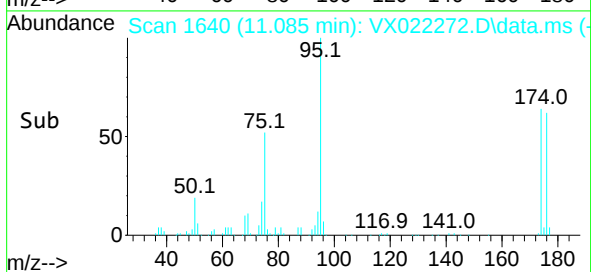
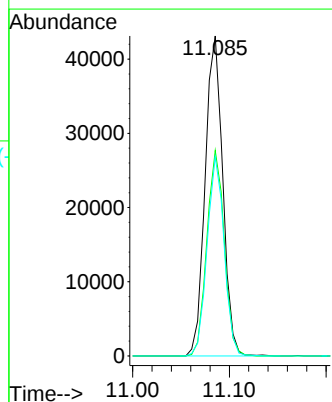
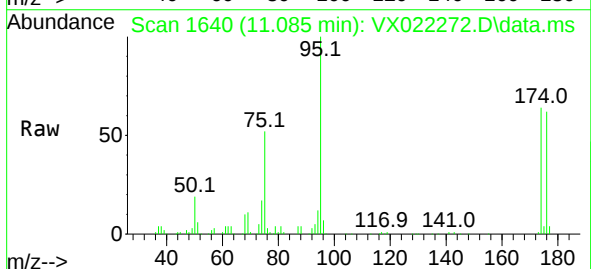
Instrument :
MSVOA_X
ClientSampleId :
54BR-20210526

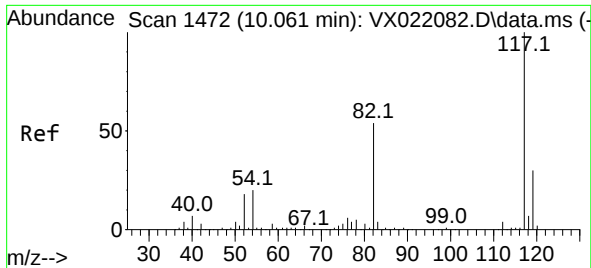
Tgt Ion: 92 Resp: 18288
Ion Ratio Lower Upper
92 100
91 170.2 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 45.87 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022272.D
Acq: 28 May 2021 23:56

Tgt Ion: 95 Resp: 54548
Ion Ratio Lower Upper
95 100
174 63.5 0.0 154.6
176 60.0 0.0 155.8

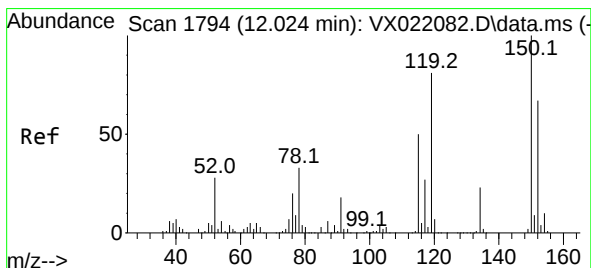
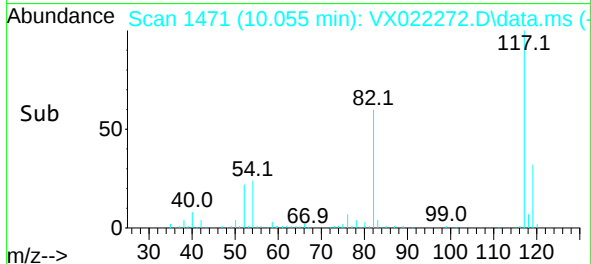
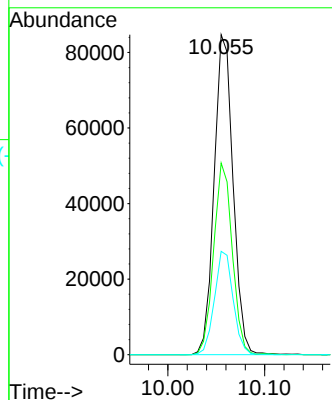
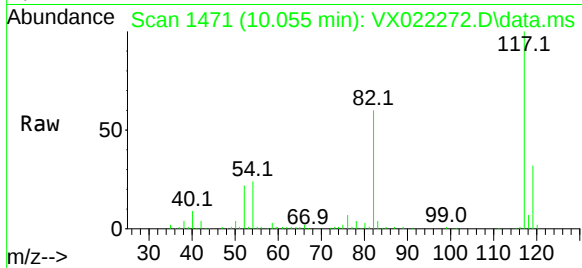




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022272.D
Acq: 28 May 2021 23:56

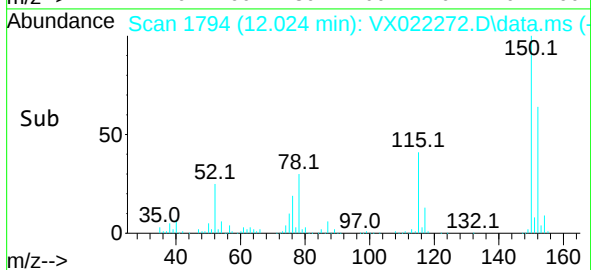
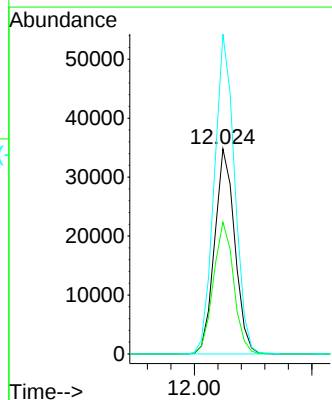
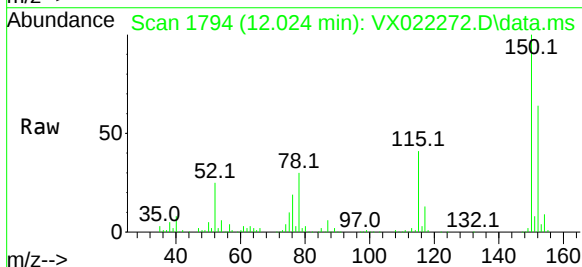
Instrument :
MSVOA_X
ClientSampleId :
54BR-20210526

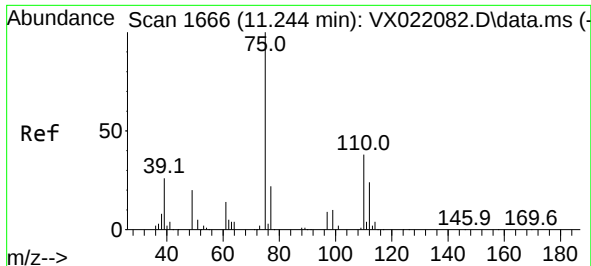
Tgt Ion:117 Resp: 114891
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022272.D
Acq: 28 May 2021 23:56

Tgt Ion:152 Resp: 41621
Ion Ratio Lower Upper
152 100
115 64.7 41.1 123.3
150 156.8 0.0 349.0

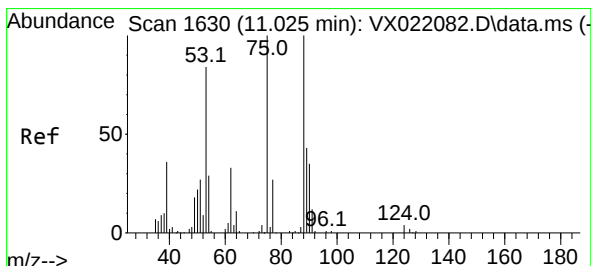
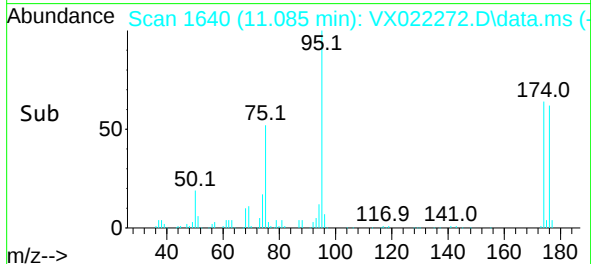
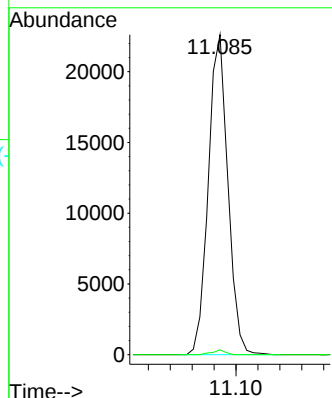
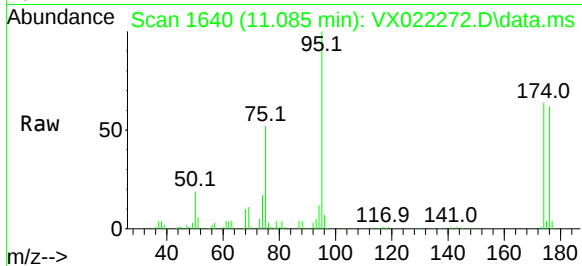




#76
1,2,3-Trichloropropane
Concen: 27.22 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022272.D
Acq: 28 May 2021 23:56

Instrument :
MSVOA_X
ClientSampleId :
54BR-20210526

Tgt Ion: 75 Resp: 27953
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.50 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022272.D
Acq: 28 May 2021 23:56

Tgt Ion: 75 Resp: 27953
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

