

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022273.D
 Acq On : 29 May 2021 00:19
 Operator : JC/MD
 Sample : M2545-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB01-20210526

Quant Time: May 29 04:58:02 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)

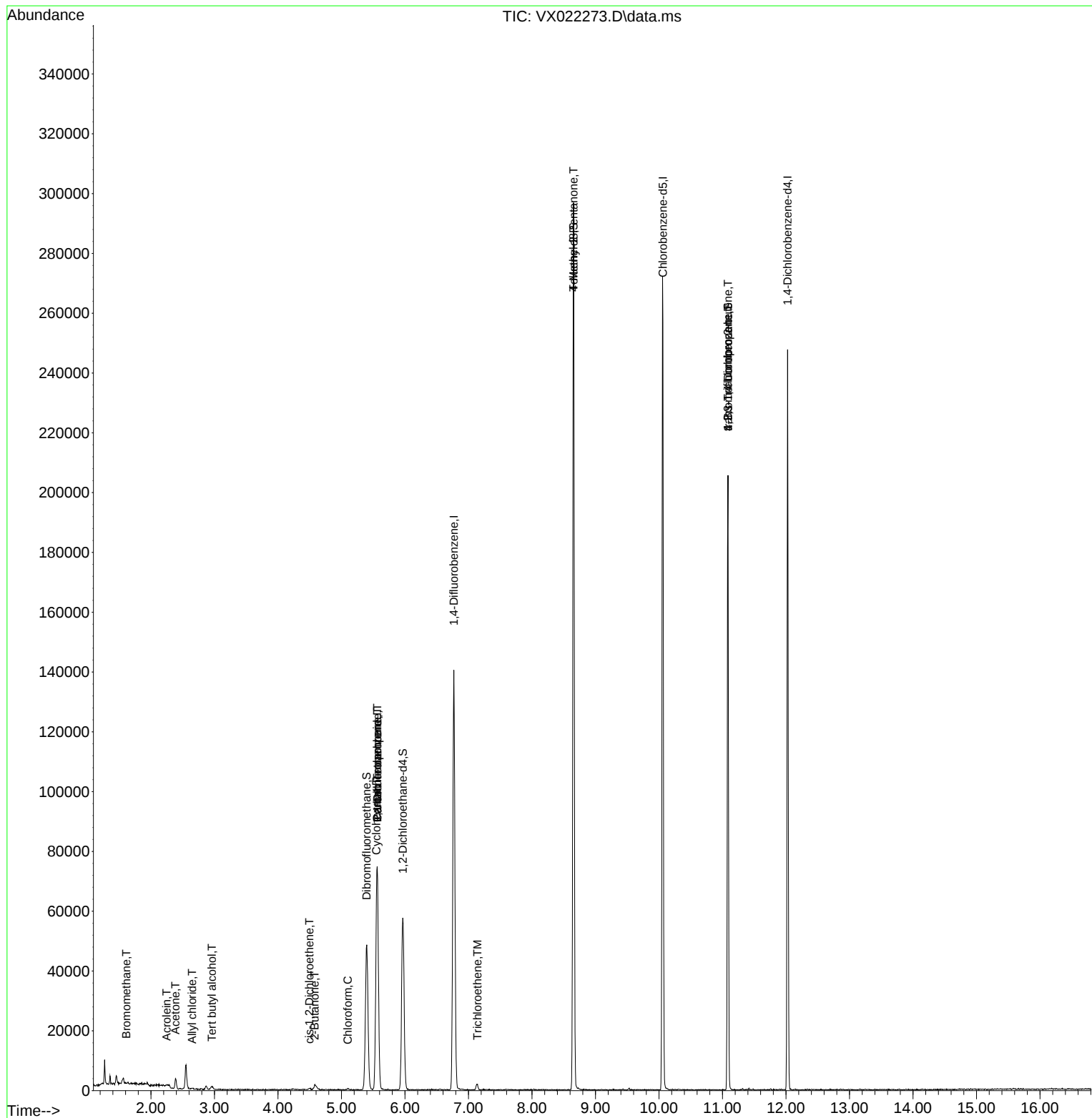
Internal Standards						
1) Pentafluorobenzene	5.562	168	64654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	137056	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	119487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44084	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55199	55.35	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.70%			
35) Dibromofluoromethane	5.397	113	41191	47.39	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.78%			
50) Toluene-d8	8.653	98	167360	49.99	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.98%			
62) 4-Bromofluorobenzene	11.085	95	57190	46.21	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.42%			
Target Compounds					Qvalue	
5) Bromomethane	1.612	94	168	0.32	ug/l #	1
11) Tert butyl alcohol	2.959	59	1135	4.98	ug/l #	73
13) Acrolein	2.246	56	83	0.55	ug/l #	54
14) Allyl chloride	2.648	41	369	0.27	ug/l #	74
16) Acetone	2.386	43	3699	8.52	ug/l	94
25) 2-Butanone	4.574	43	1782	2.54	ug/l #	78
27) cis-1,2-Dichloroethene	4.495	96	323	0.33	ug/l	83
30) Chloroform	5.099	83	400	0.25	ug/l #	67
31) Cyclohexane	5.550	56	1811	1.45	ug/l #	64
36) 1,1-Dichloropropene	5.562	75	6205	4.90	ug/l #	48
38) Carbon Tetrachloride	5.562	117	7777	6.27	ug/l #	16
44) Trichloroethene	7.141	130	929	0.96	ug/l	82
51) 4-Methyl-2-Pentanone	8.653	43	893	0.59	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	28343	26.06	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	28343	61.75	ug/l #	12

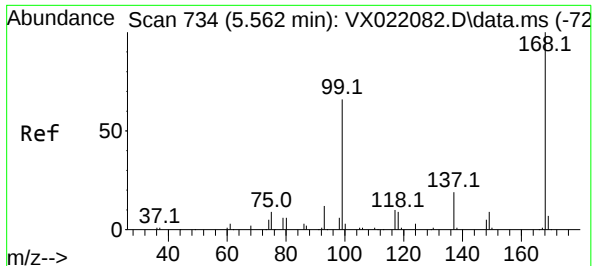
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
Data File : VX022273.D
Acq On : 29 May 2021 00:19
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Sample : M2545-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
RB01-20210526

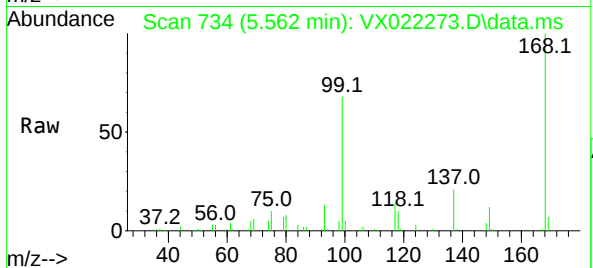
Quant Time: May 29 04:58:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



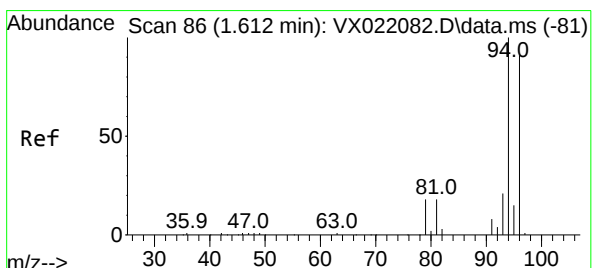
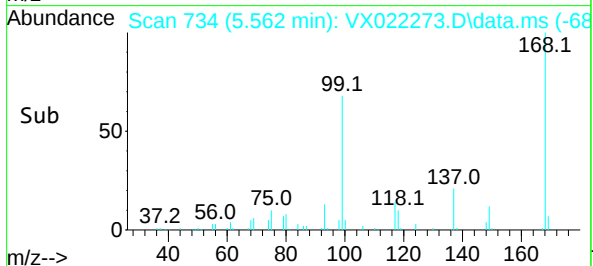
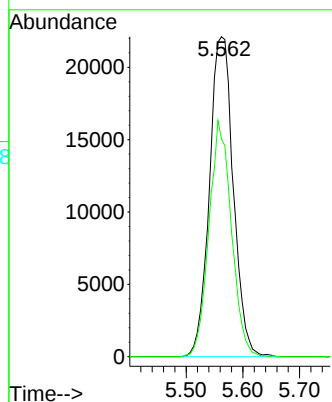


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022273.D
Acq: 29 May 2021 00:19

Instrument :
MSVOA_X
ClientSampleId :
RB01-20210526

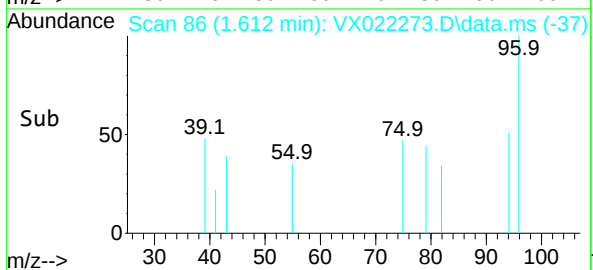
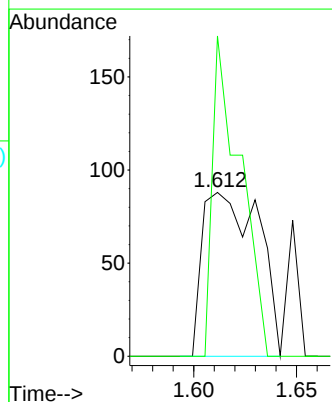
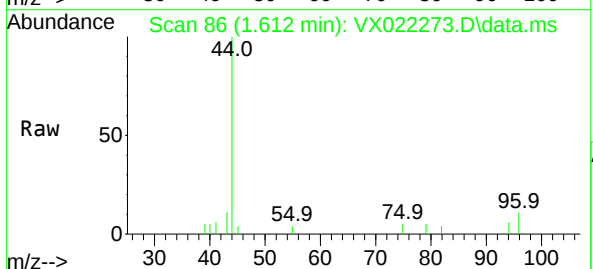


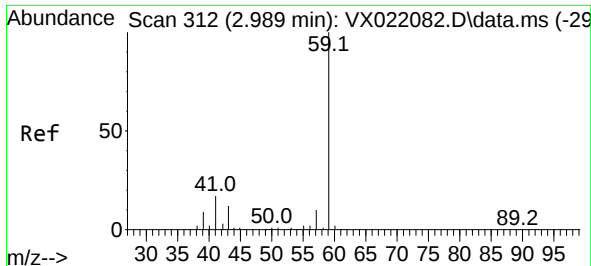
Tgt Ion:168 Resp: 64654
Ion Ratio Lower Upper
168 100
99 68.1 45.8 68.6



#5
Bromomethane
Concen: 0.32 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX022273.D
Acq: 29 May 2021 00:19

Tgt Ion: 94 Resp: 168
Ion Ratio Lower Upper
94 100
96 195.5 76.4 114.6#



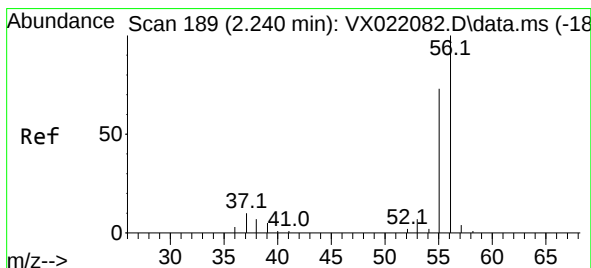
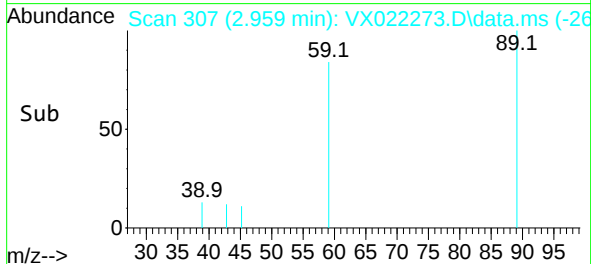
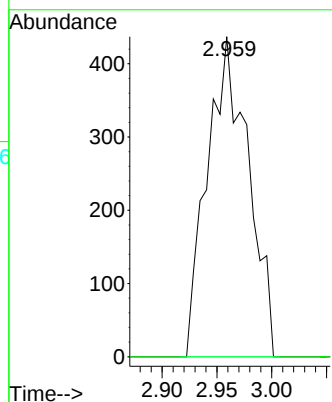
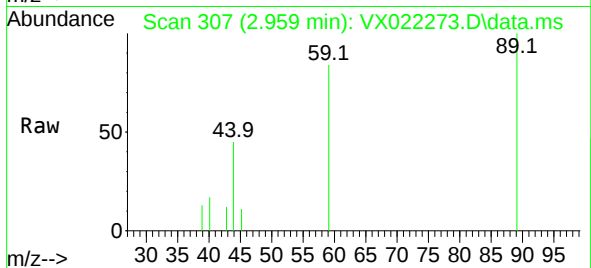


#11

Tert butyl alcohol
Concen: 4.98 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022273.D
Acq: 29 May 2021 00:19

Instrument :
MSVOA_X
ClientSampleId :
RB01-20210526

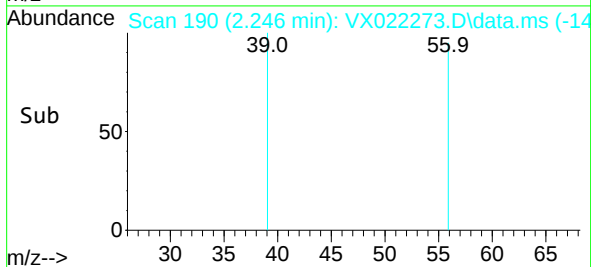
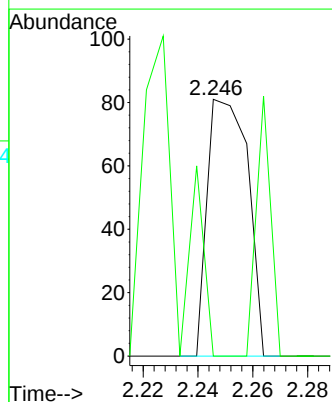
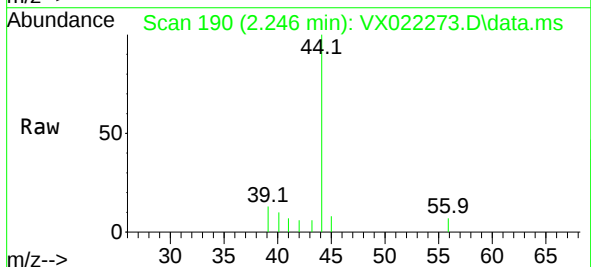
Tgt Ion: 59 Resp: 1135
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

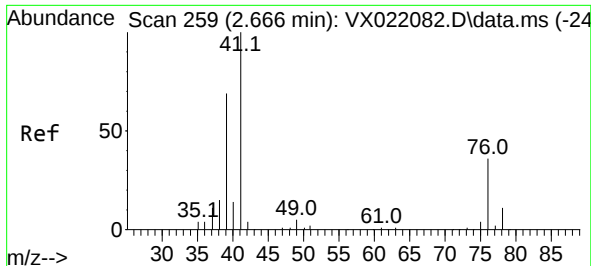


#13

Acrolein
Concen: 0.55 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX022273.D
Acq: 29 May 2021 00:19

Tgt Ion: 56 Resp: 83
Ion Ratio Lower Upper
56 100
55 108.4 56.4 84.6#

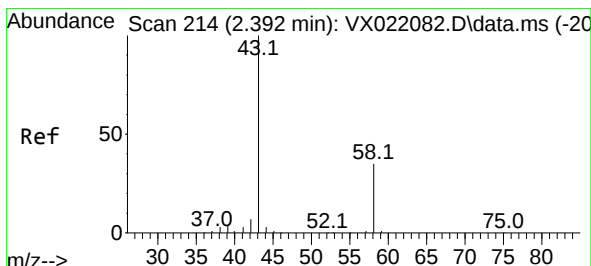
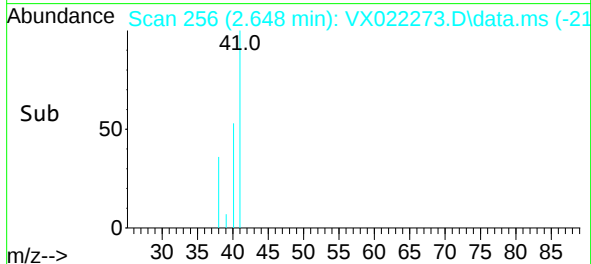
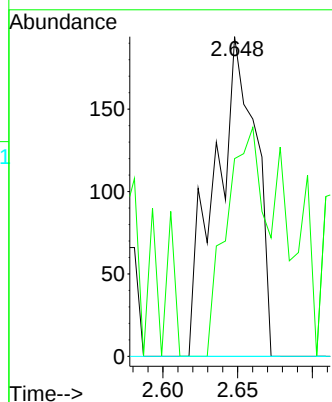
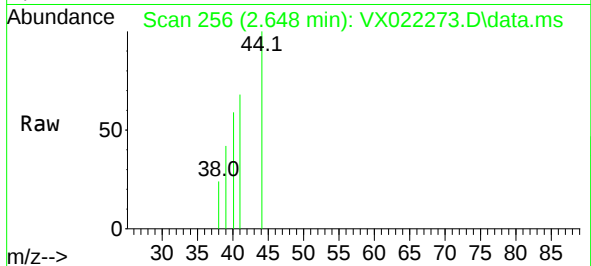




#14
 Allyl chloride
 Concen: 0.27 ug/l
 RT: 2.648 min Scan# 256
 Delta R.T. -0.018 min
 Lab File: VX022273.D
 Acq: 29 May 2021 00:19

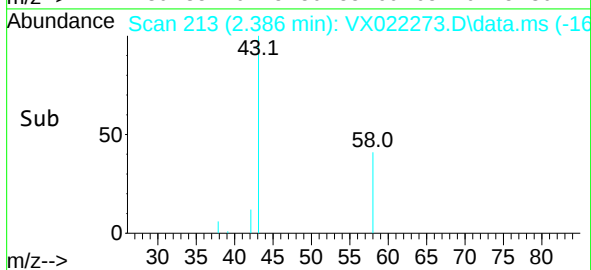
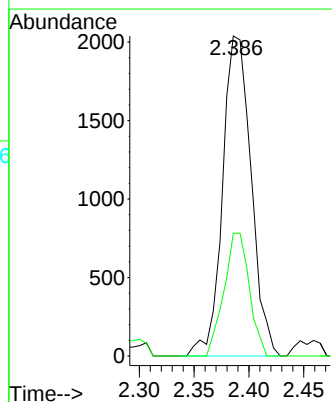
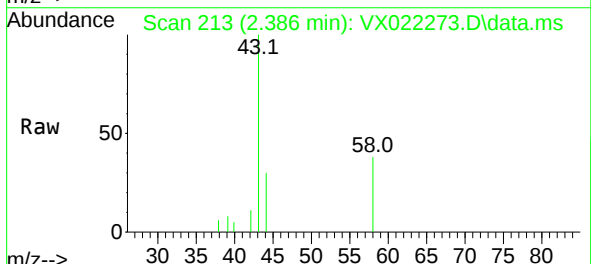
Instrument :
 MSVOA_X
 ClientSampleId :
 RB01-20210526

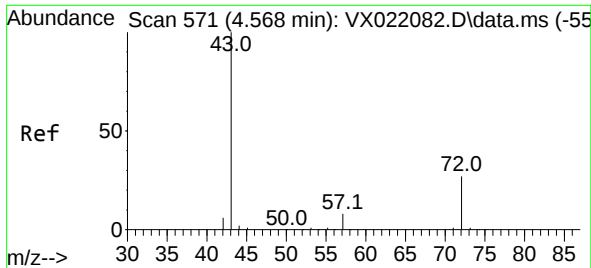
Tgt Ion:	41	Resp:	369
Ion	Ratio	Lower	Upper
41	100		
39	67.2	51.6	77.4
76	0.0	30.5	45.7#



#16
 Acetone
 Concen: 8.52 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX022273.D
 Acq: 29 May 2021 00:19

Tgt Ion:	43	Resp:	3699
Ion	Ratio	Lower	Upper
43	100		
58	38.3	27.8	41.8

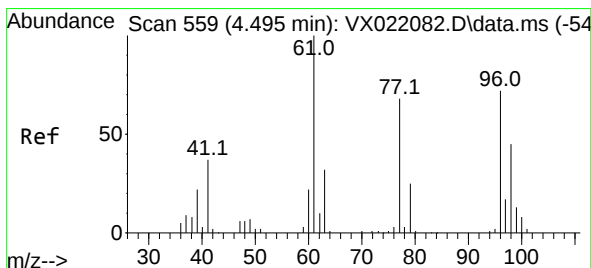
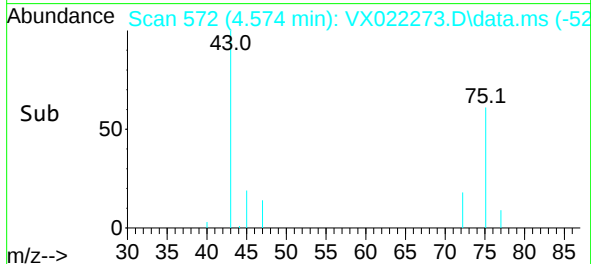
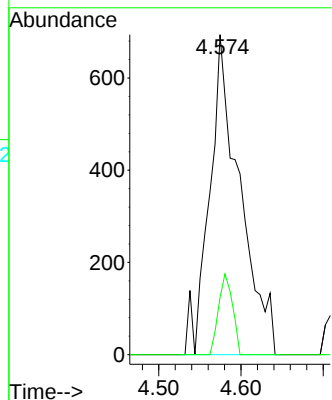
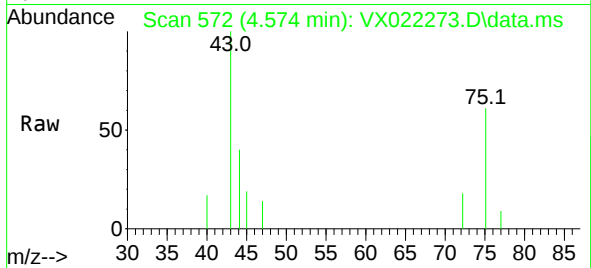




#25
2-Butanone
Concen: 2.54 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022273.D
Acq: 29 May 2021 00:19

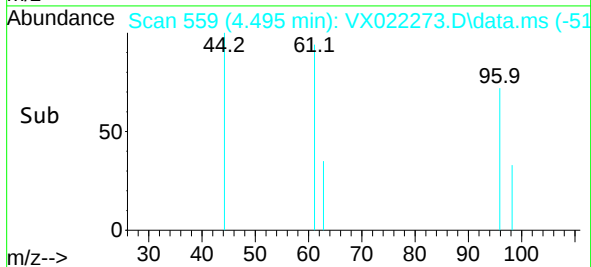
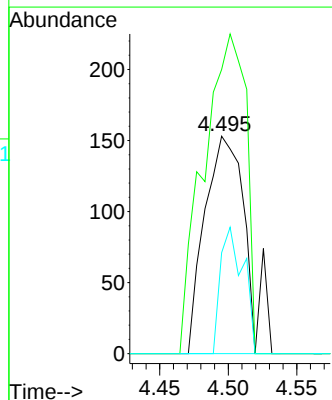
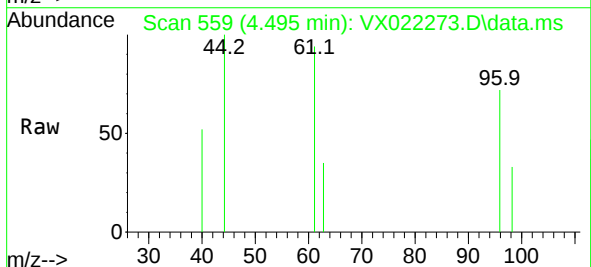
Instrument :
MSVOA_X
ClientSampleId :
RB01-20210526

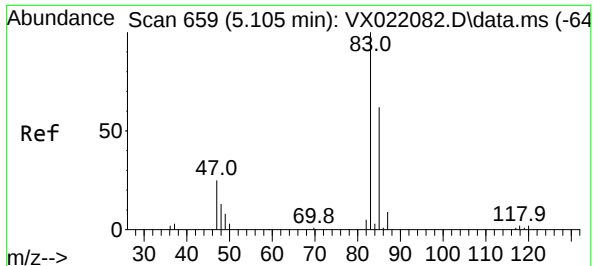
Tgt Ion: 43 Resp: 1782
Ion Ratio Lower Upper
43 100
72 17.9 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 0.33 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022273.D
Acq: 29 May 2021 00:19

Tgt Ion: 96 Resp: 323
Ion Ratio Lower Upper
96 100
61 150.2 0.0 285.6
98 31.9 0.0 129.6





#30

Chloroform

Concen: 0.25 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX022273.D

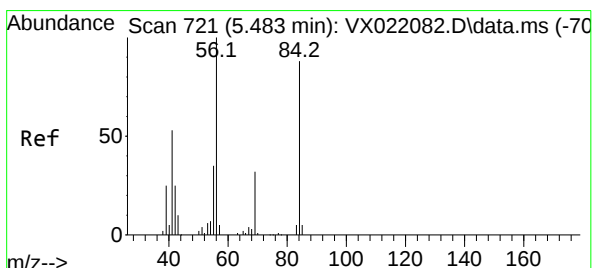
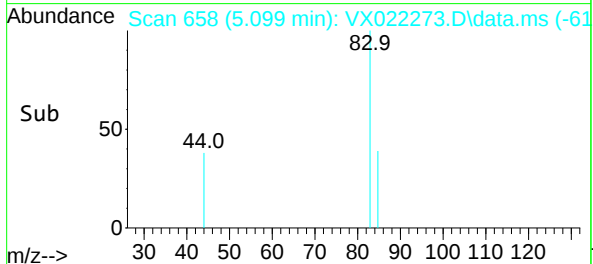
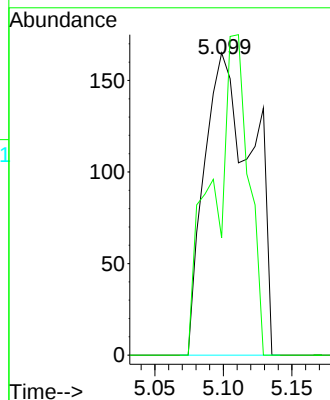
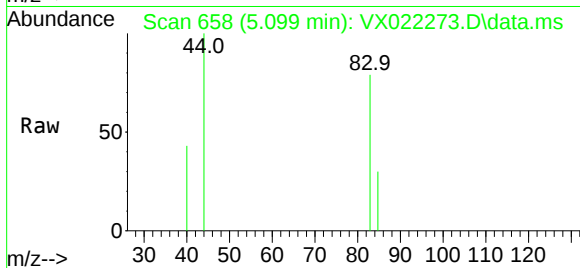
Acq: 29 May 2021 00:19

Tgt Ion: 83 Resp: 400

Ion Ratio Lower Upper

83 100

85 38.8 52.0 78.0#



#31

Cyclohexane

Concen: 1.45 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.067 min

Lab File: VX022273.D

Acq: 29 May 2021 00:19

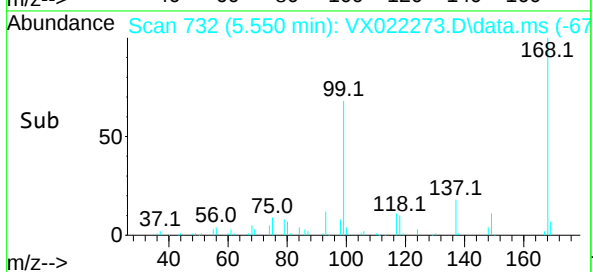
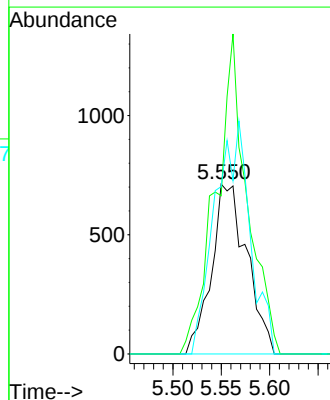
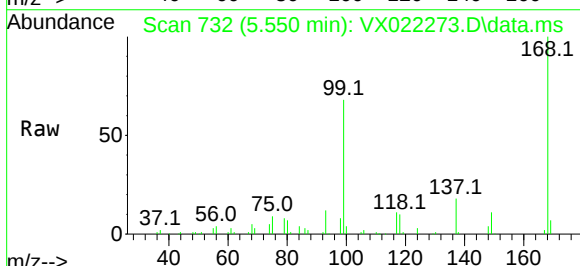
Tgt Ion: 56 Resp: 1811

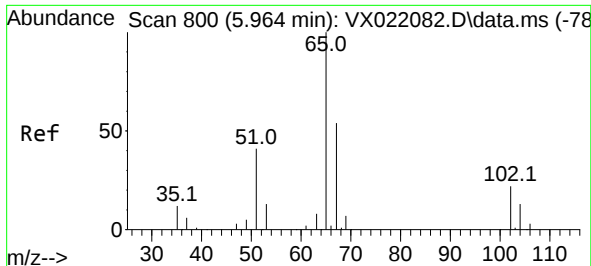
Ion Ratio Lower Upper

56 100

69 93.1 25.3 37.9#

84 98.5 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 55.35 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022273.D

Acq: 29 May 2021 00:19

Tgt Ion: 65 Resp: 55199

Ion Ratio Lower Upper

65 100

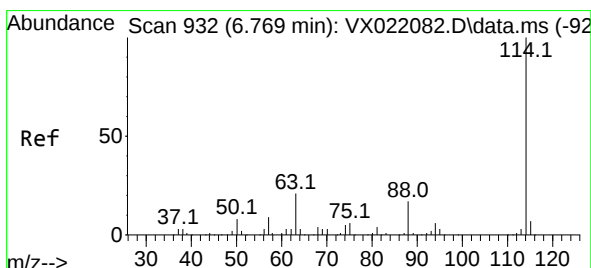
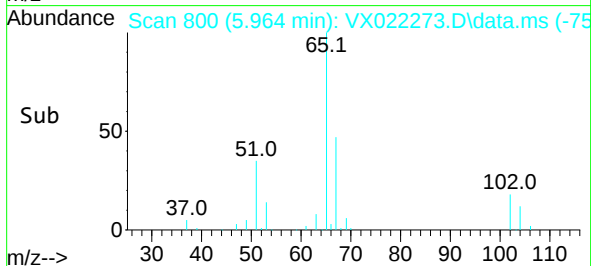
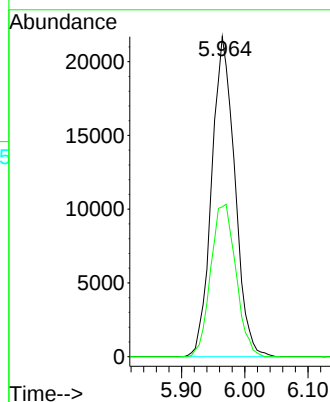
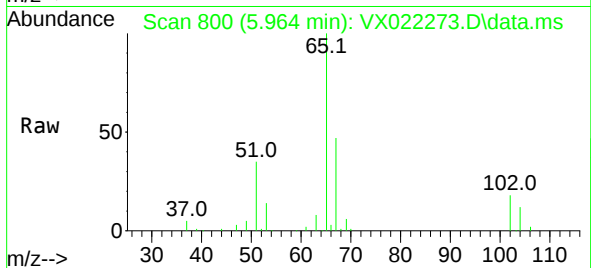
67 51.7 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

RB01-20210526



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022273.D

Acq: 29 May 2021 00:19

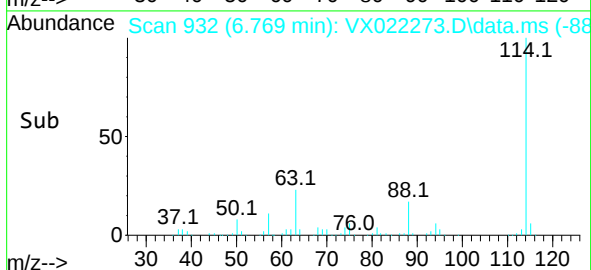
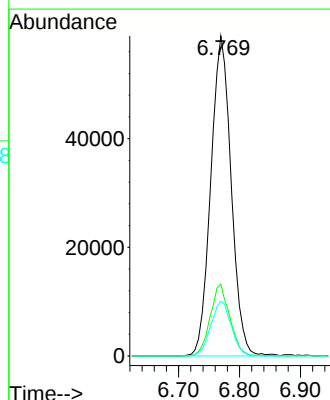
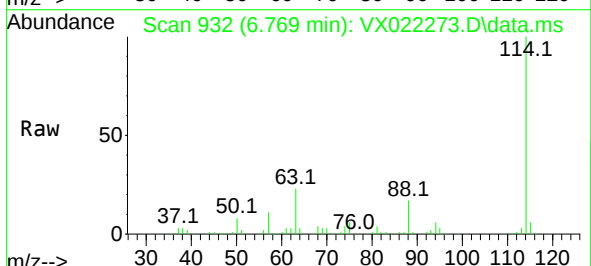
Tgt Ion: 114 Resp: 137056

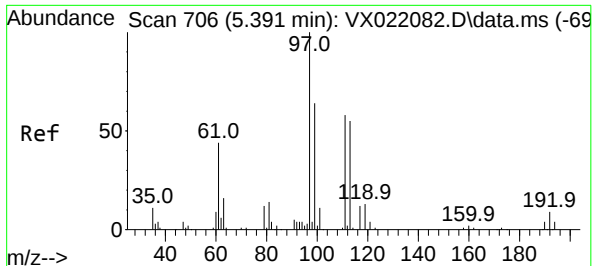
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.8

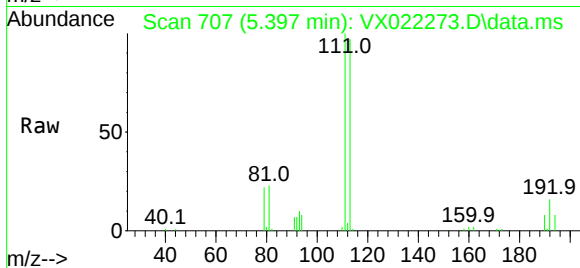
88 17.1 0.0 32.8



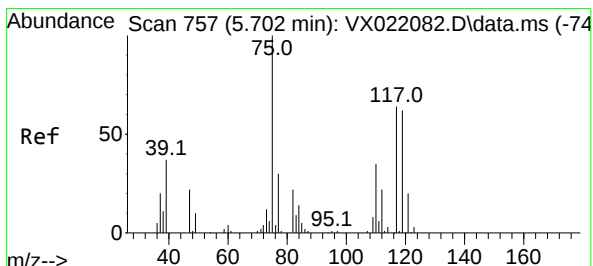
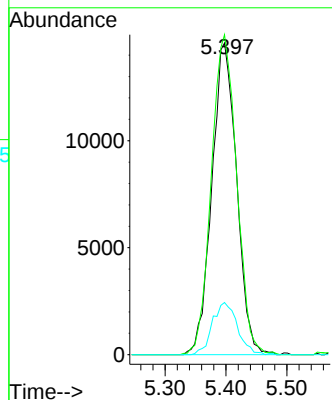
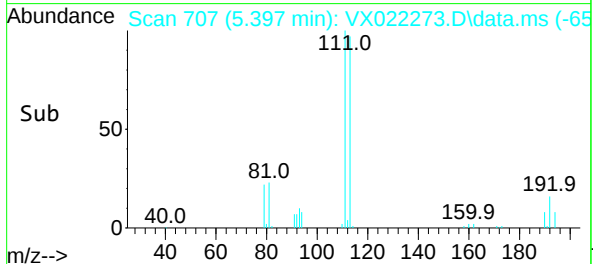


#35
Dibromofluoromethane
Concen: 47.39 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022273.D
Acq: 29 May 2021 00:19

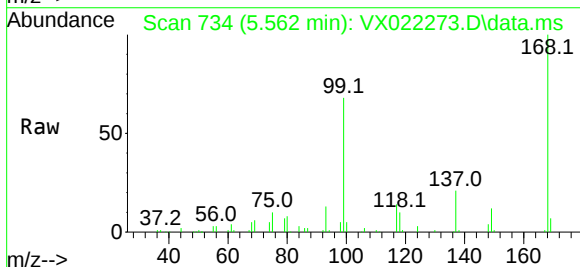
Instrument :
MSVOA_X
ClientSampleId :
RB01-20210526



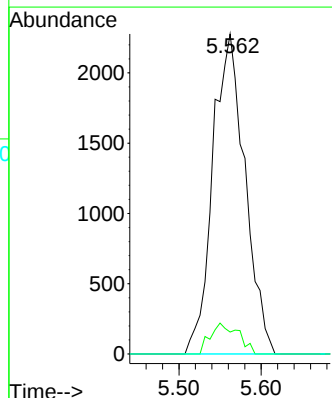
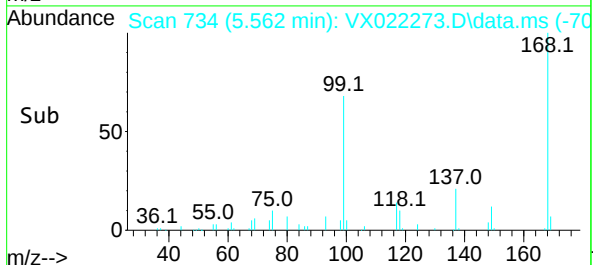
Tgt Ion:113 Resp: 41191
Ion Ratio Lower Upper
113 100
111 105.0 81.9 122.9
192 16.9 16.7 25.1

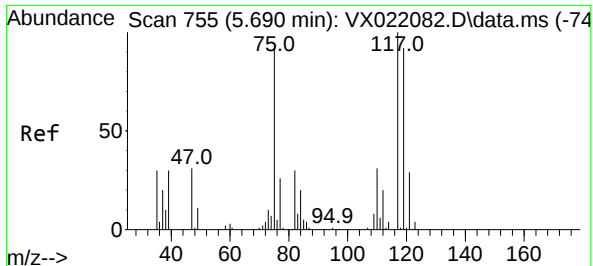


#36
1,1-Dichloropropene
Concen: 4.90 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022273.D
Acq: 29 May 2021 00:19



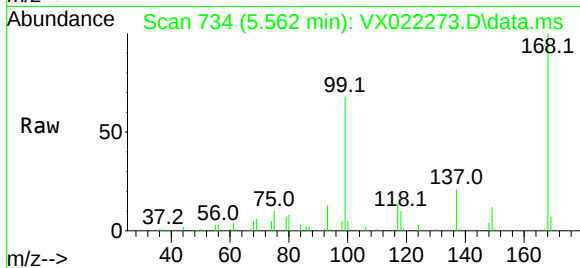
Tgt Ion: 75 Resp: 6205
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



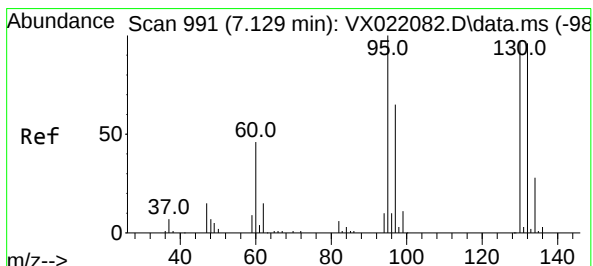
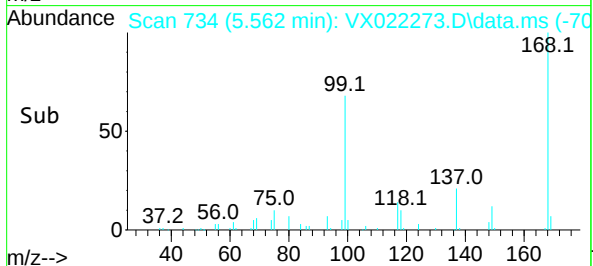
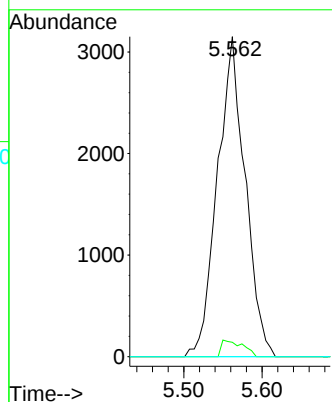


#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022273.D
Acq: 29 May 2021 00:19

Instrument :
MSVOA_X
ClientSampleId :
RB01-20210526

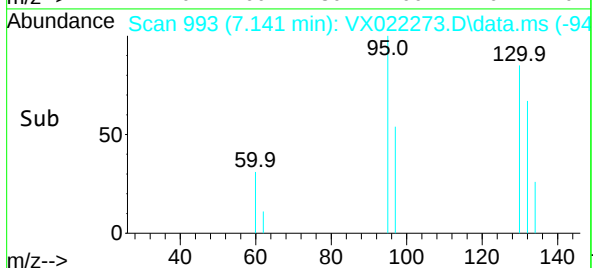
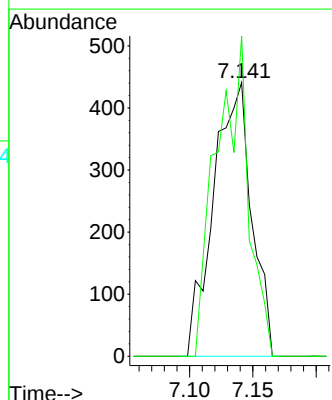
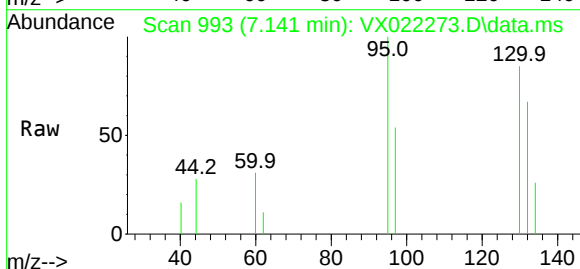


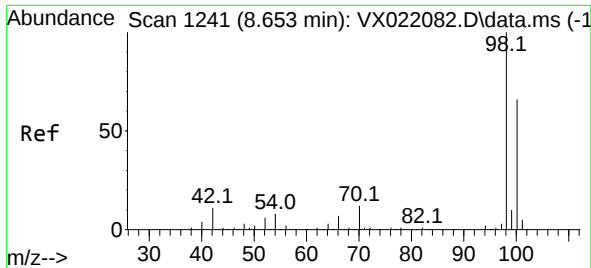
Tgt Ion:117 Resp: 7777
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.96 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX022273.D
Acq: 29 May 2021 00:19

Tgt Ion:130 Resp: 929
Ion Ratio Lower Upper
130 100
95 117.0 0.0 198.0

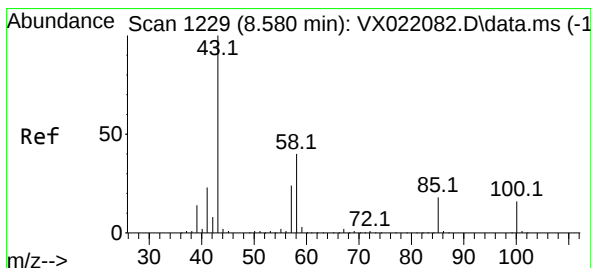
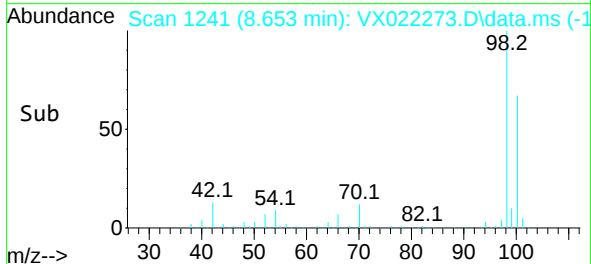
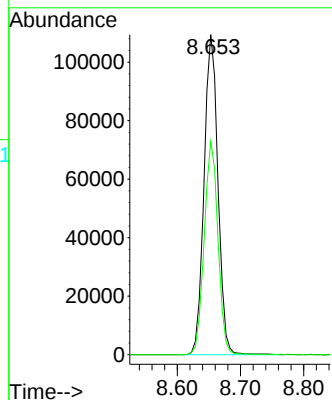
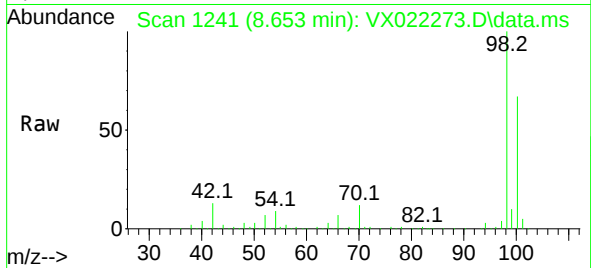




#50
Toluene-d8
Concen: 49.99 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022273.D
Acq: 29 May 2021 00:19

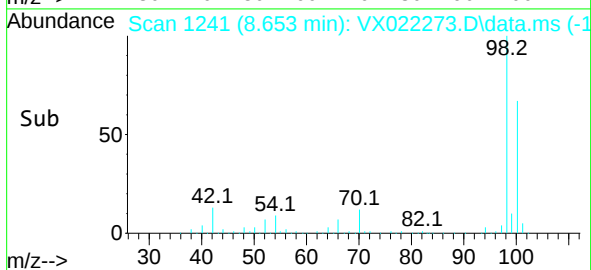
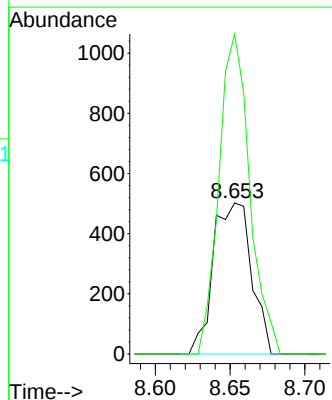
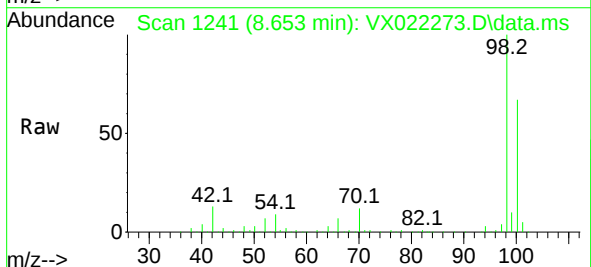
Instrument :
MSVOA_X
ClientSampleId :
RB01-20210526

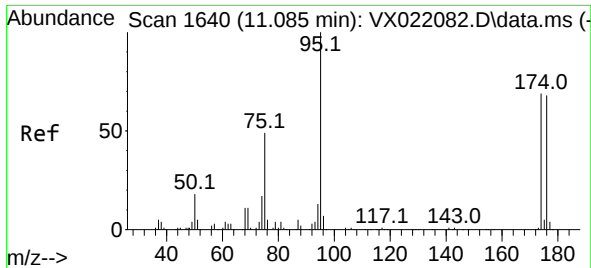
Tgt Ion: 98 Resp: 167360
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.59 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022273.D
Acq: 29 May 2021 00:19

Tgt Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
58 170.7 35.4 53.0#

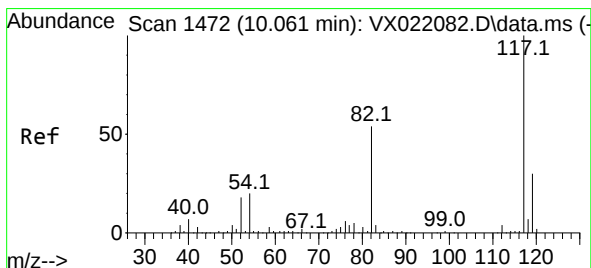
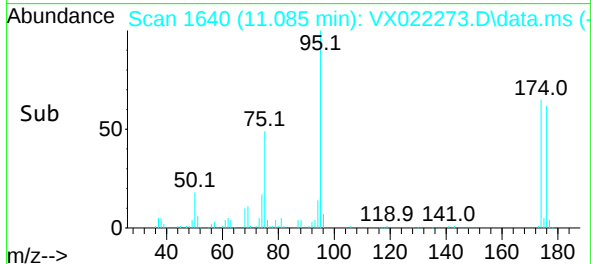
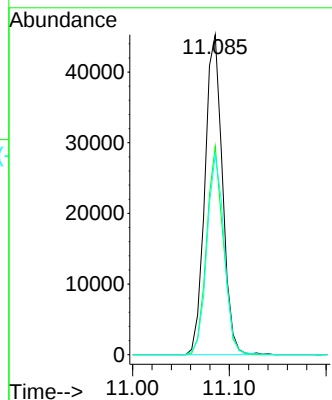
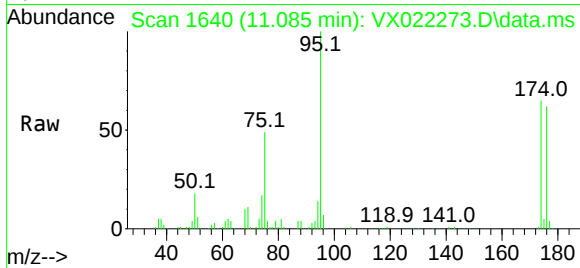




#62
4-Bromofluorobenzene
Concen: 46.21 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022273.D
Acq: 29 May 2021 00:19

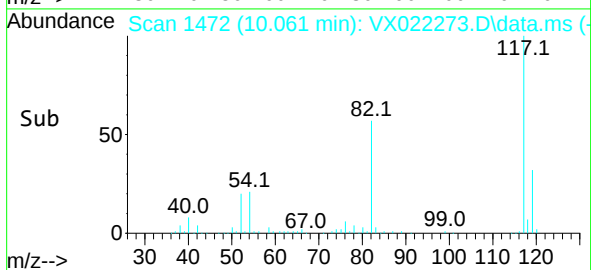
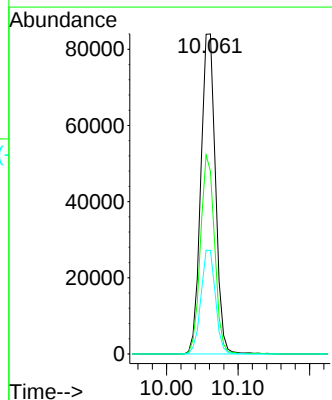
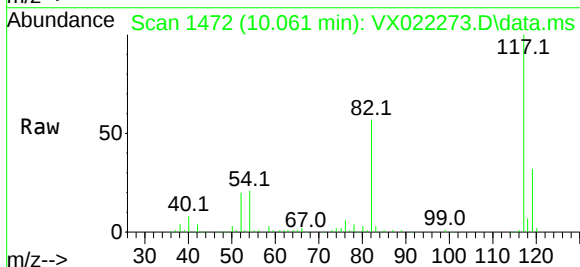
Instrument :
MSVOA_X
ClientSampleId :
RB01-20210526

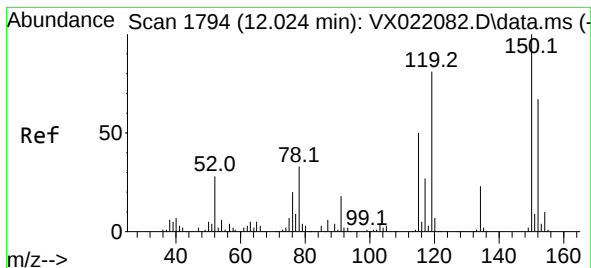
Tgt Ion: 95 Resp: 57190
Ion Ratio Lower Upper
95 100
174 62.3 0.0 154.6
176 61.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022273.D
Acq: 29 May 2021 00:19

Tgt Ion: 117 Resp: 119487
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 32.4 26.6 39.8

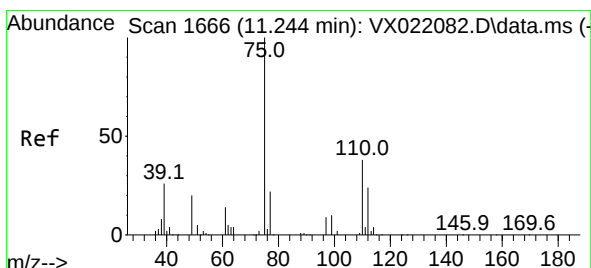
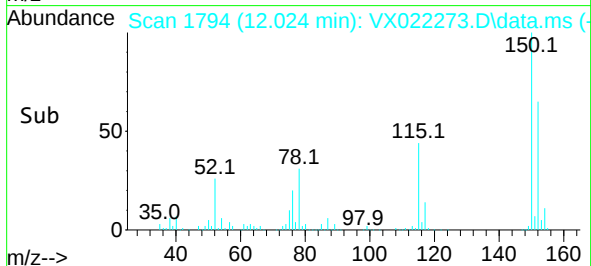
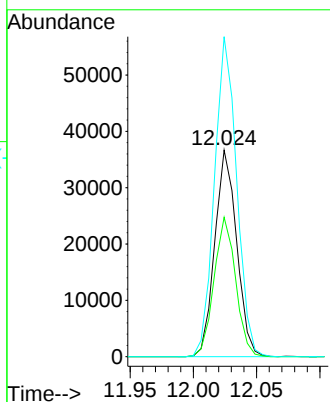
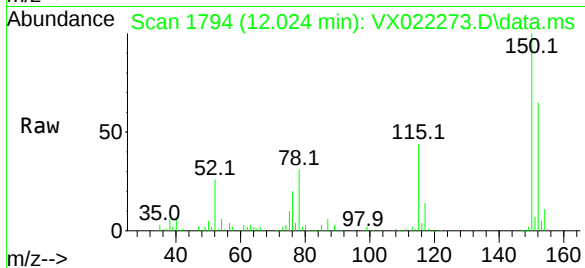




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022273.D
 Acq: 29 May 2021 00:19

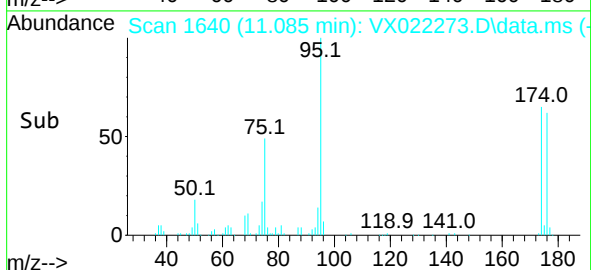
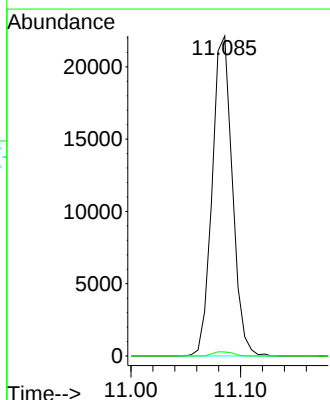
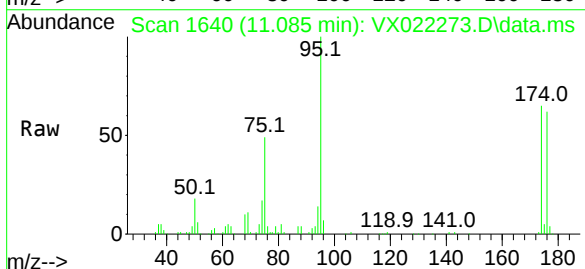
Instrument :
 MSVOA_X
 ClientSampleId :
 RB01-20210526

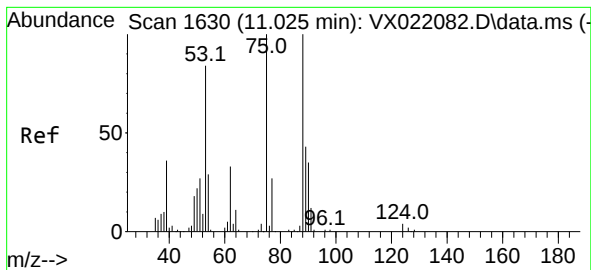
Tgt Ion:152 Resp: 44084
 Ion Ratio Lower Upper
 152 100
 115 66.6 41.1 123.3
 150 156.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.06 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022273.D
 Acq: 29 May 2021 00:19

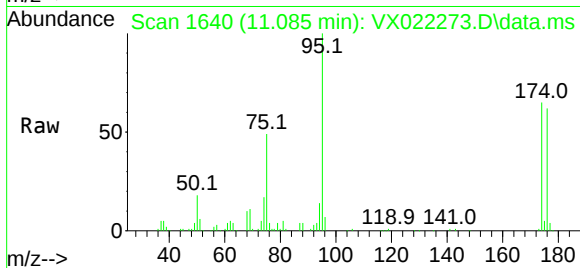
Tgt Ion: 75 Resp: 28343
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.75 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022273.D
 Acq: 29 May 2021 00:19

Instrument :
 MSVOA_X
 ClientSampleId :
 RB01-20210526



Tgt Ion: 75 Resp: 28343
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

