

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060221\
 Data File : VX022338.D
 Acq On : 02 Jun 2021 15:04
 Operator : JC/MD
 Sample : M2572-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB03-20210527

Quant Time: Jun 03 02:20:45 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	5.556	168	63344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	131539	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	117559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46639	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54440	55.71	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.42%
35) Dibromofluoromethane	5.397	113	39854	47.78	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.56%
50) Toluene-d8	8.653	98	164750	51.27	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.54%
62) 4-Bromofluorobenzene	11.085	95	56747	47.78	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.56%

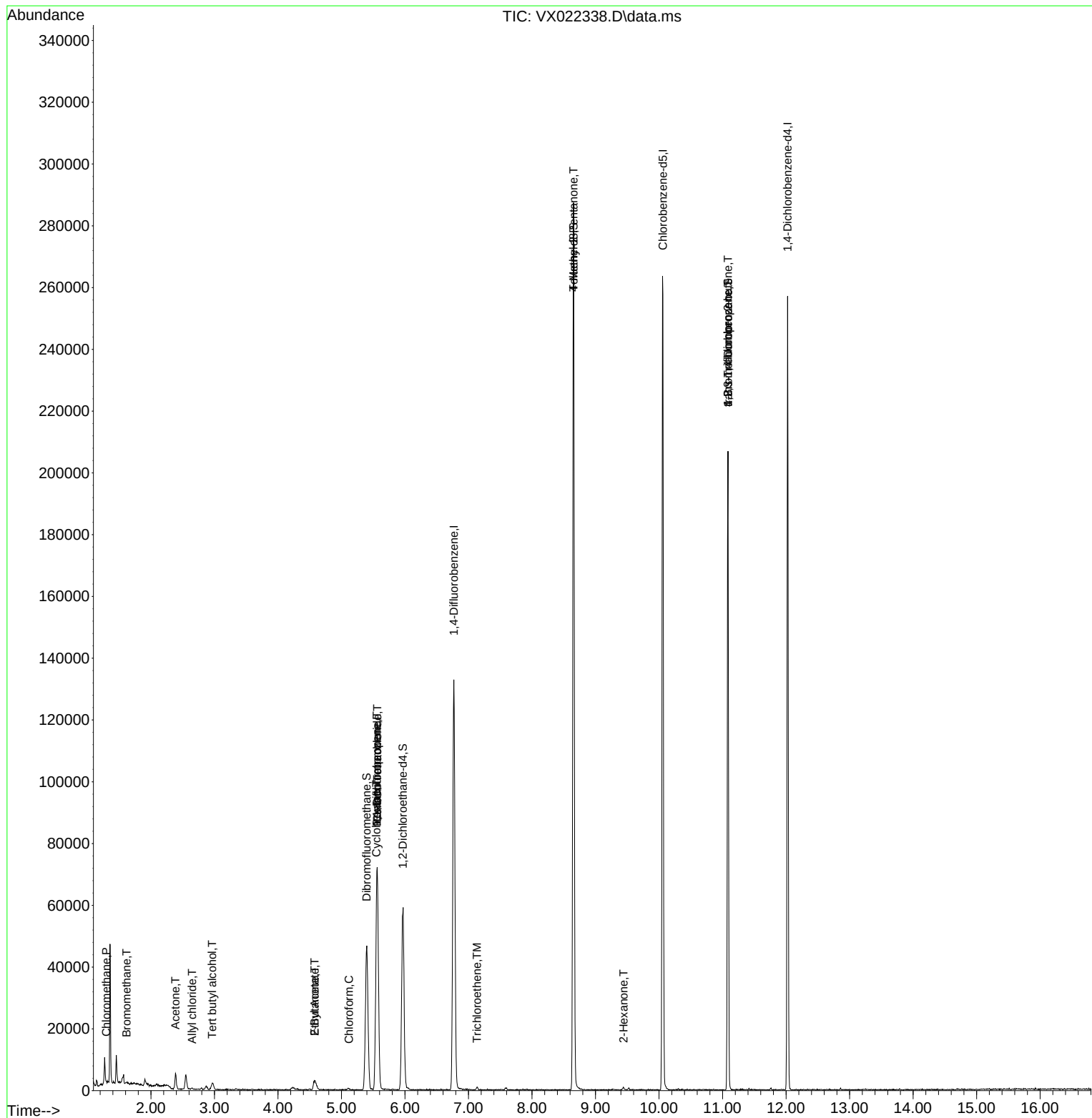
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.294	50	187	0.23	ug/l #	42
5) Bromomethane	1.617	94	226	0.44	ug/l #	45
11) Tert butyl alcohol	2.965	59	2469	11.05	ug/l #	91
14) Allyl chloride	2.648	41	338	0.25	ug/l #	76
16) Acetone	2.386	43	4981	11.71	ug/l #	86
25) 2-Butanone	4.574	43	4606	6.69	ug/l	95
30) Chloroform	5.117	83	458	0.29	ug/l #	50
31) Cyclohexane	5.550	56	834	0.68	ug/l #	42
36) 1,1-Dichloropropene	5.556	75	5956	4.90	ug/l #	46
37) Ethyl Acetate	4.574	43	4606	3.09	ug/l #	64
38) Carbon Tetrachloride	5.562	117	7153	6.01	ug/l #	17
44) Trichloroethene	7.135	130	287	0.31	ug/l	93
51) 4-Methyl-2-Pentanone	8.653	43	753	0.52	ug/l #	1
59) 2-Hexanone	9.439	43	671	0.61	ug/l	92
76) 1,2,3-Trichloropropane	11.085	75	30522	26.53	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	30522	62.85	ug/l #	12

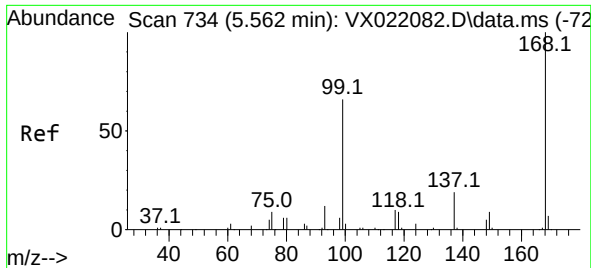
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 03 02:20:45 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

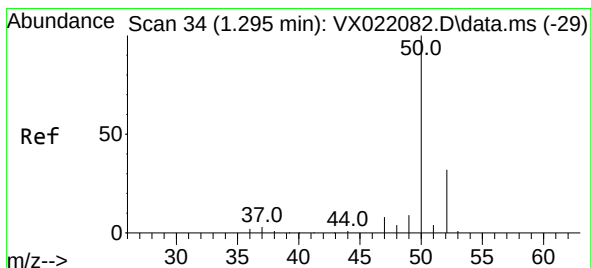
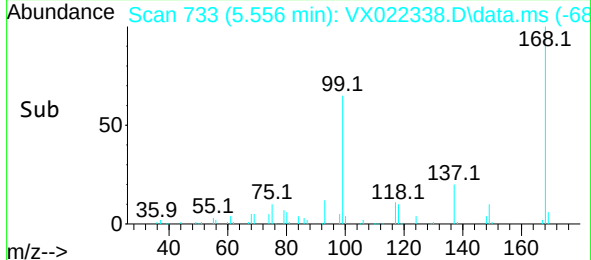
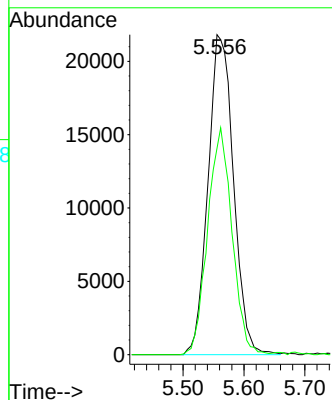
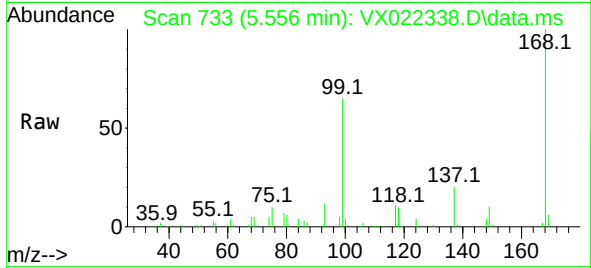




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

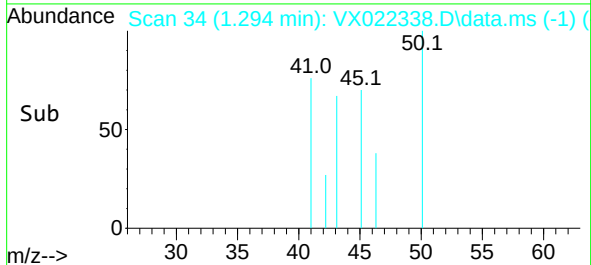
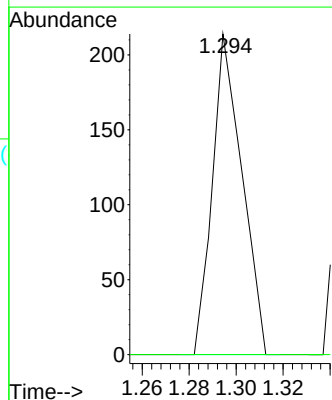
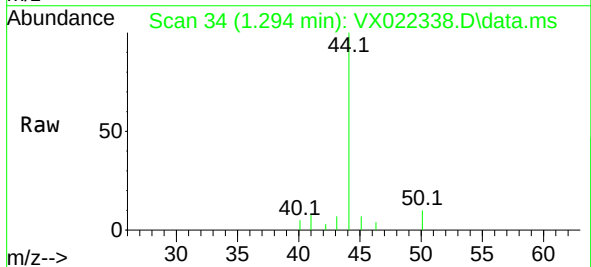
Instrument :
MSVOA_X
ClientSampleId :
TB03-20210527

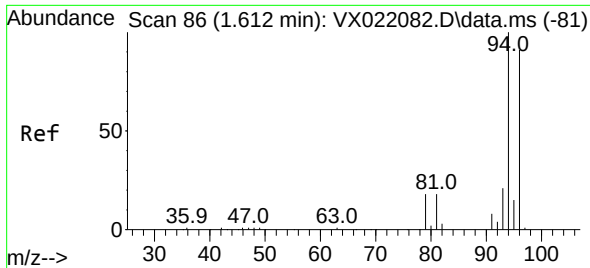
Tgt Ion:168 Resp: 63344
Ion Ratio Lower Upper
168 100
99 64.5 45.8 68.6



#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

Tgt Ion: 50 Resp: 187
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

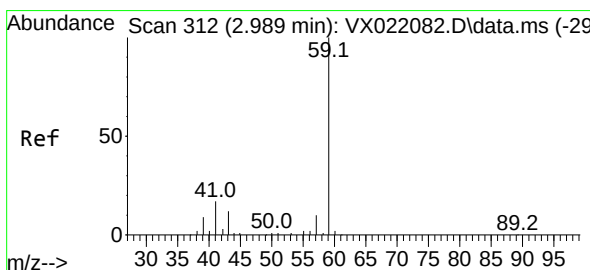
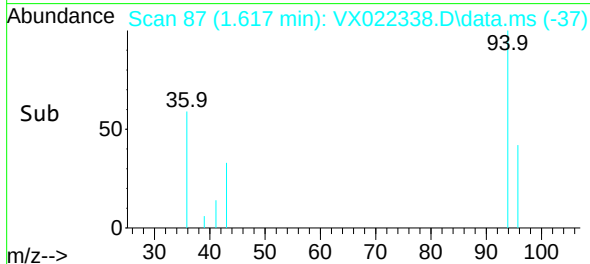
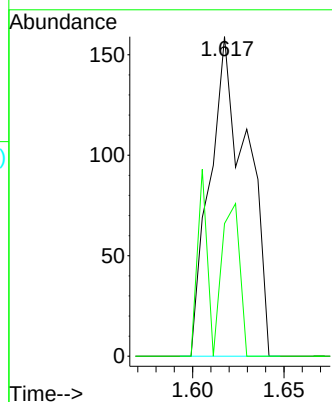
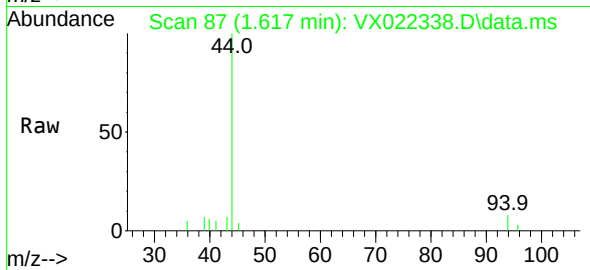




#5
Bromomethane
Concen: 0.44 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

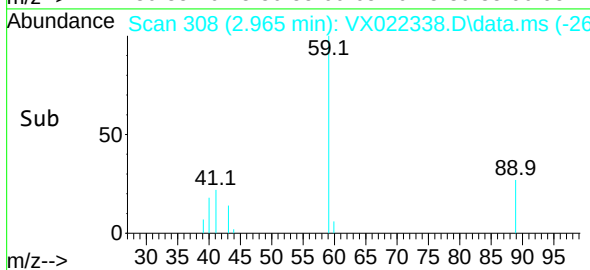
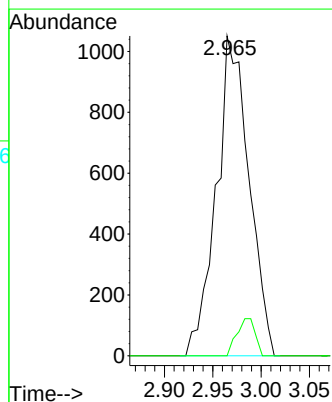
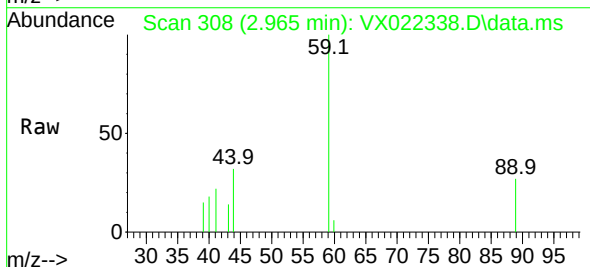
Instrument :
MSVOA_X
ClientSampleId :
TB03-20210527

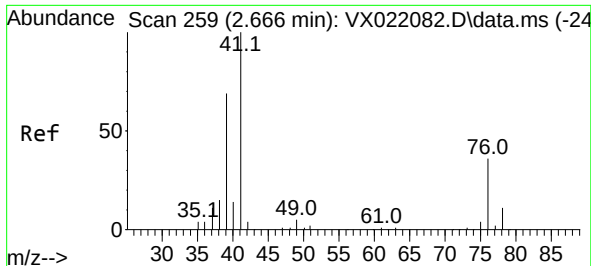
Tgt Ion: 94 Resp: 226
Ion Ratio Lower Upper
94 100
96 41.5 76.4 114.6#



#11
Tert butyl alcohol
Concen: 11.05 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

Tgt Ion: 59 Resp: 2469
Ion Ratio Lower Upper
59 100
57 6.5 7.8 11.8#

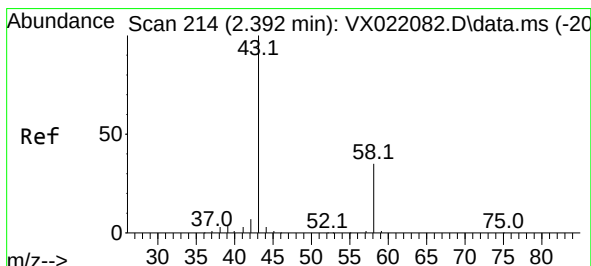
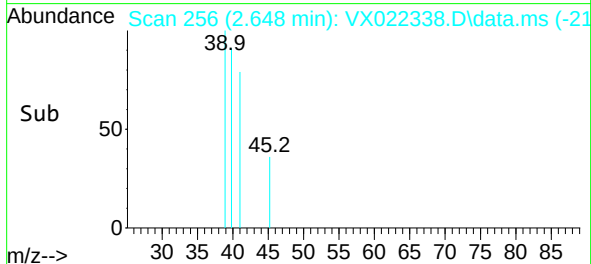
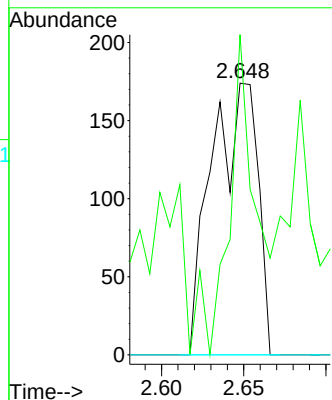
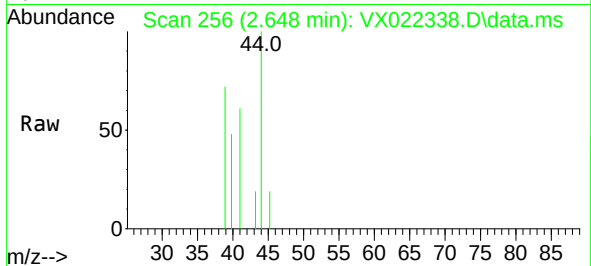




#14
 Allyl chloride
 Concen: 0.25 ug/l
 RT: 2.648 min Scan# 256
 Delta R.T. -0.018 min
 Lab File: VX022338.D
 Acq: 02 Jun 2021 15:04

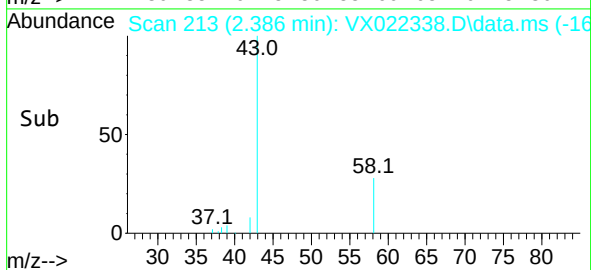
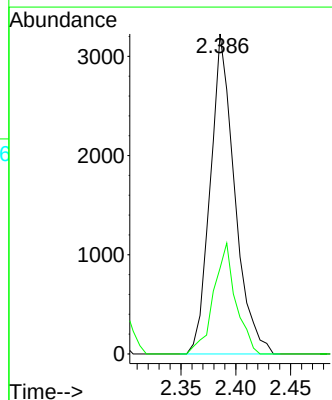
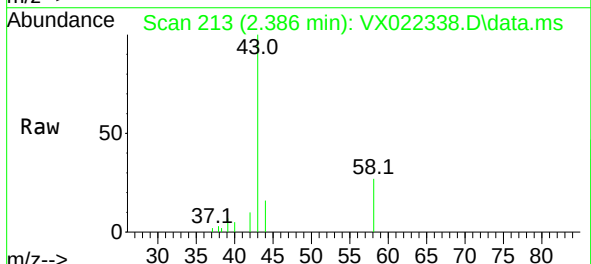
Instrument :
 MSVOA_X
 ClientSampleId :
 TB03-20210527

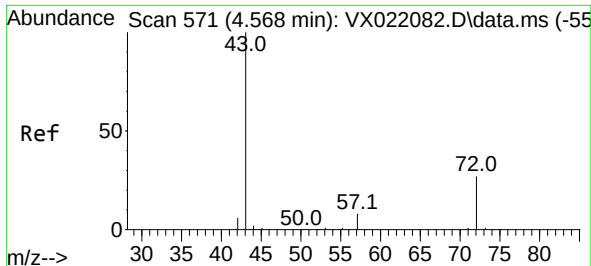
Tgt Ion: 41	Resp: 338
Ion Ratio	Lower Upper
41 100	
39 63.9	51.6 77.4
76 0.0	30.5 45.7#



#16
 Acetone
 Concen: 11.71 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX022338.D
 Acq: 02 Jun 2021 15:04

Tgt Ion: 43	Resp: 4981
Ion Ratio	Lower Upper
43 100	
58 26.8	27.8 41.8#

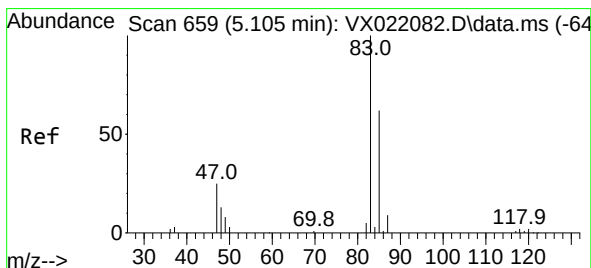
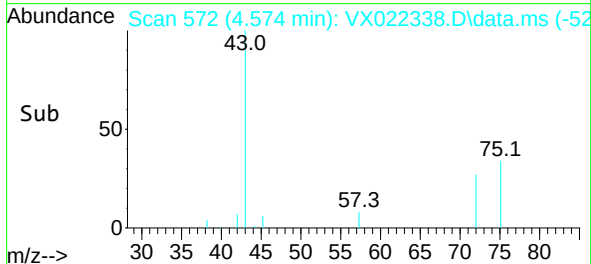
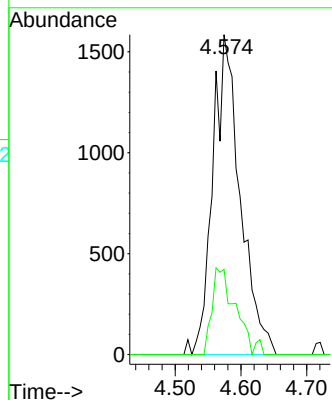
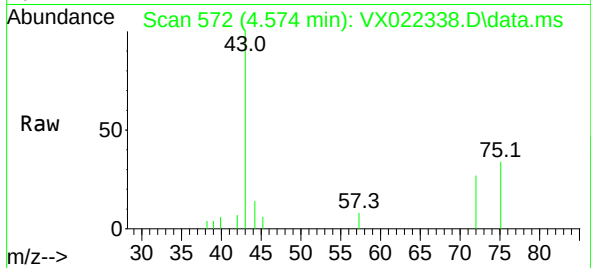




#25
2-Butanone
Concen: 6.69 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

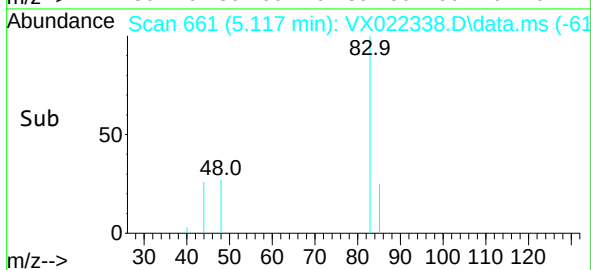
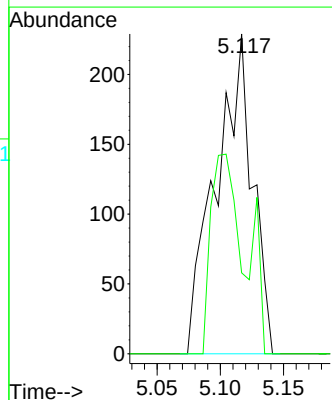
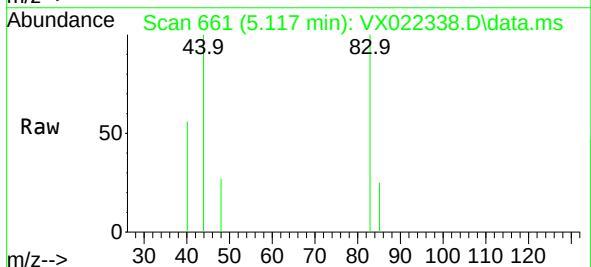
Instrument :
MSVOA_X
ClientSampled :
TB03-20210527

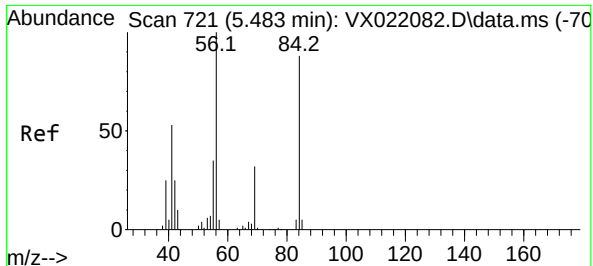
Tgt Ion: 43 Resp: 4606
Ion Ratio Lower Upper
43 100
72 26.7 23.7 35.5



#30
Chloroform
Concen: 0.29 ug/l
RT: 5.117 min Scan# 661
Delta R.T. 0.012 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

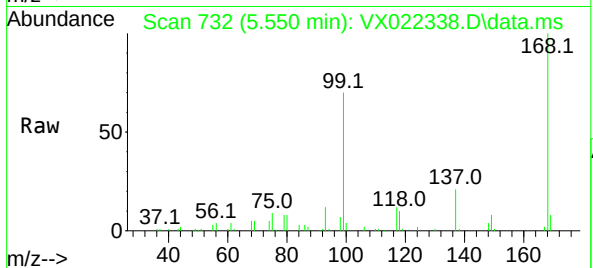
Tgt Ion: 83 Resp: 458
Ion Ratio Lower Upper
83 100
85 25.3 52.0 78.0#



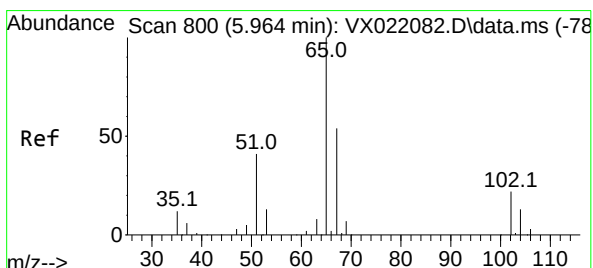
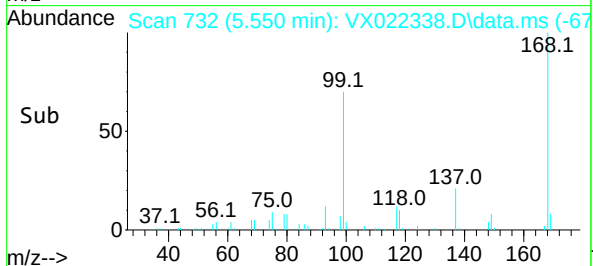
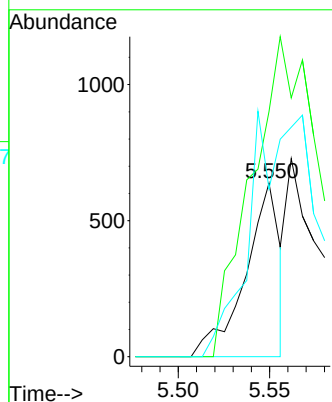


#31
Cyclohexane
Concen: 0.68 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.067 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

Instrument :
MSVOA_X
ClientSampleId :
TB03-20210527

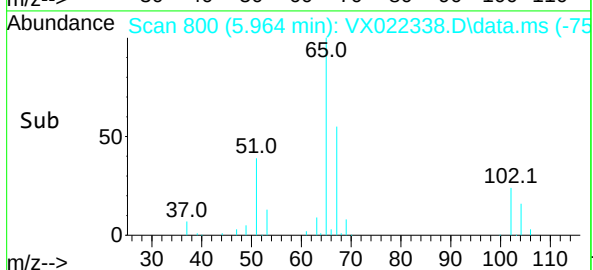
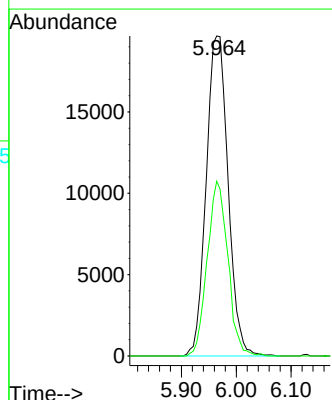
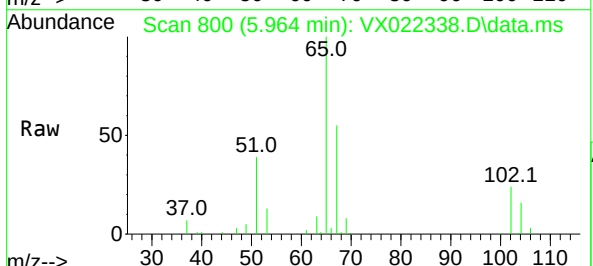


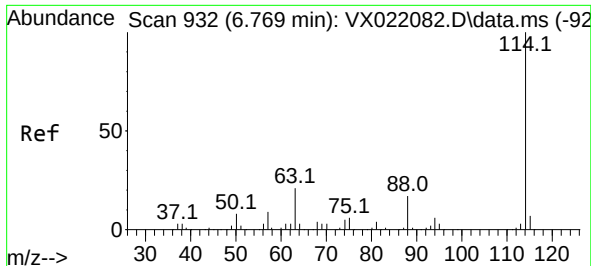
Tgt Ion: 56 Resp: 834
Ion Ratio Lower Upper
56 100
69 141.2 25.3 37.9#
84 96.7 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 55.71 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

Tgt Ion: 65 Resp: 54440
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

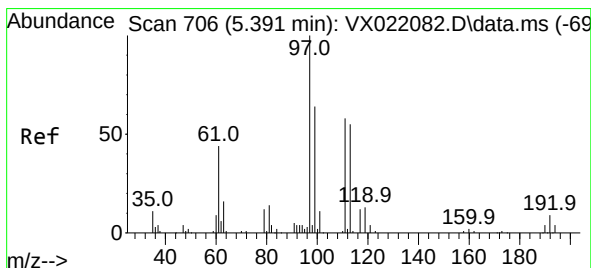
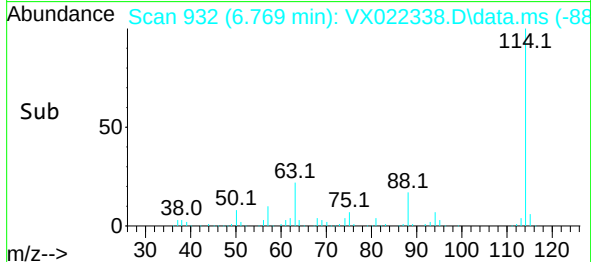
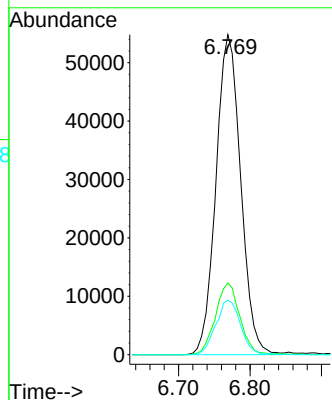
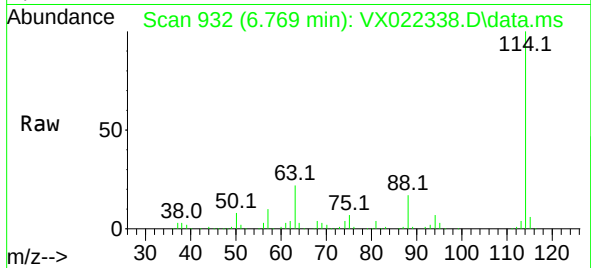




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

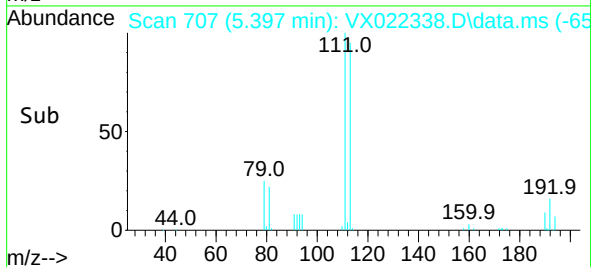
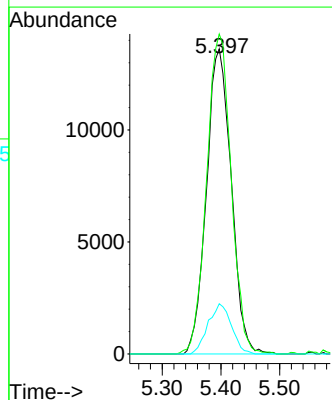
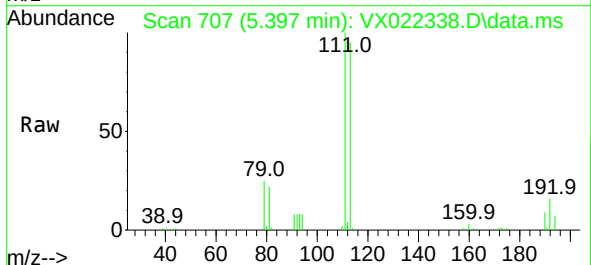
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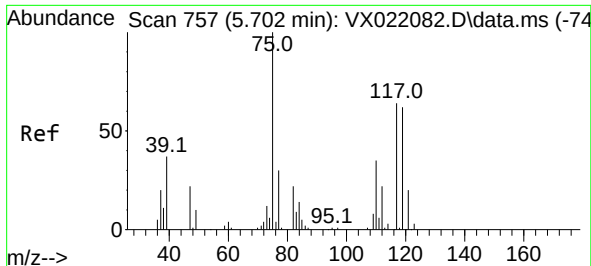
Tgt Ion:114 Resp: 131539
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.78 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

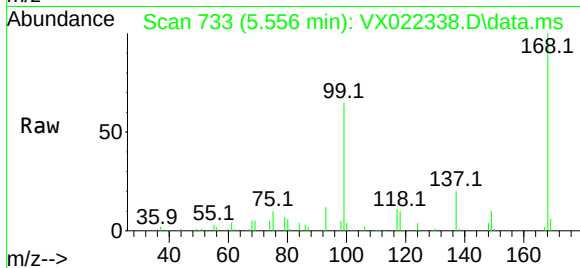
Tgt Ion:113 Resp: 39854
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 15.5 16.7 25.1#



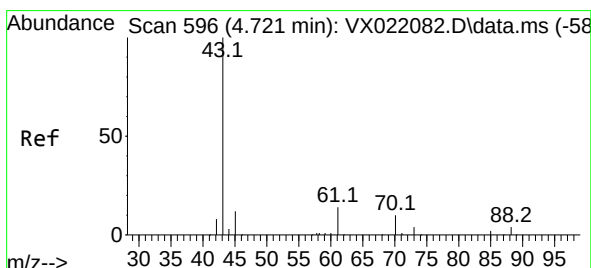
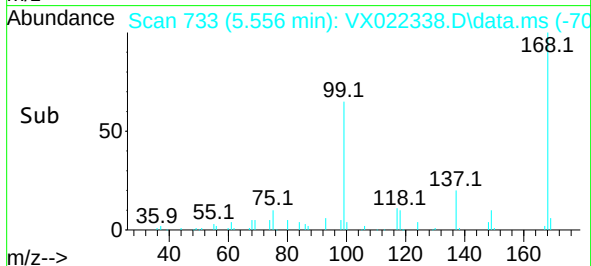
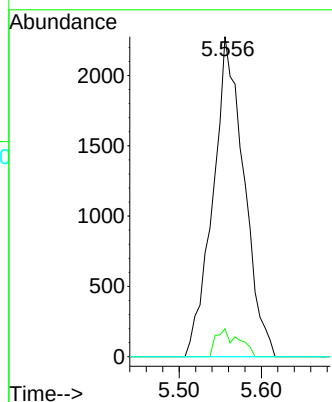


#36
1,1-Dichloropropene
Concen: 4.90 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

Instrument :
MSVOA_X
ClientSampleId :
TB03-20210527

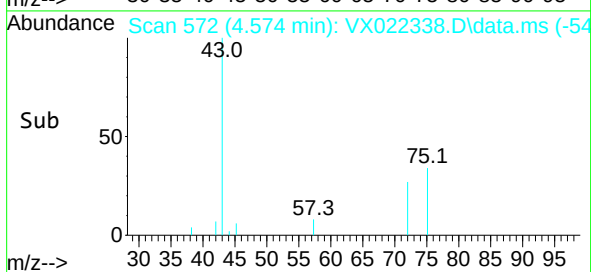
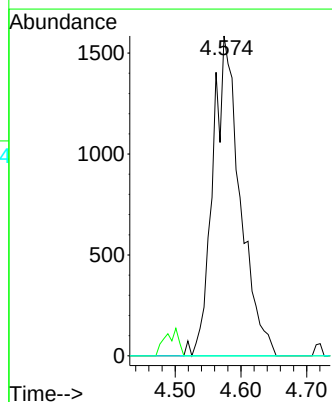
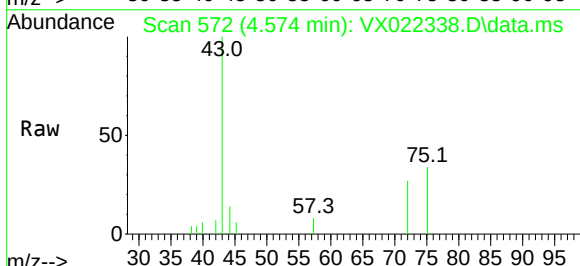


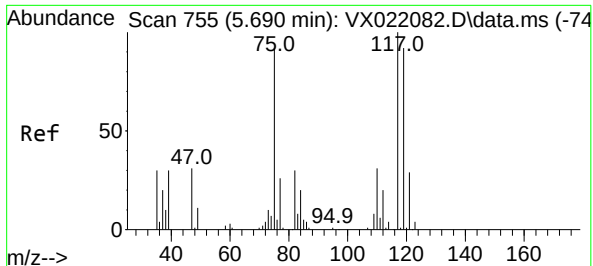
Tgt Ion: 75 Resp: 5956
Ion Ratio Lower Upper
75 100
110 6.4 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 3.09 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.147 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

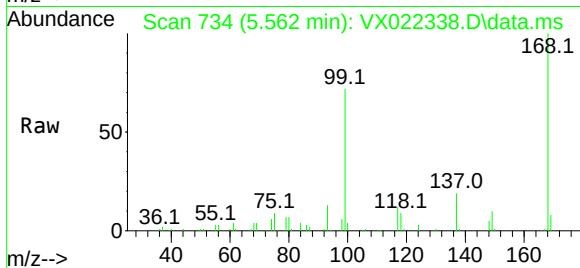
Tgt Ion: 43 Resp: 4606
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



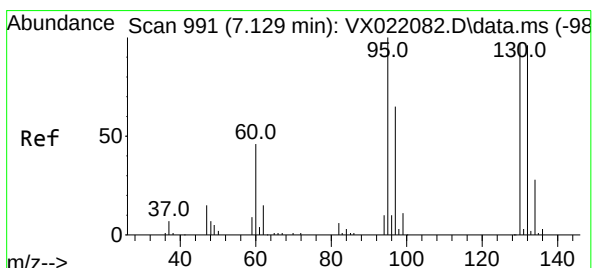
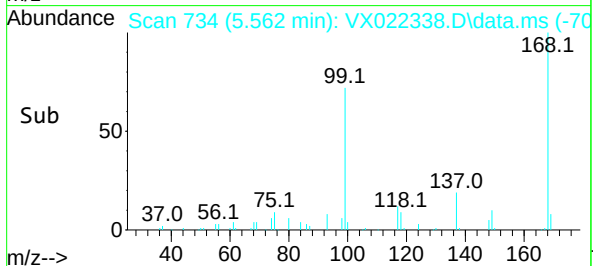
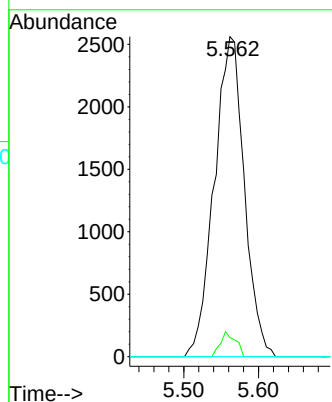


#38
Carbon Tetrachloride
Concen: 6.01 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

Instrument :
MSVOA_X
ClientSampleId :
TB03-20210527

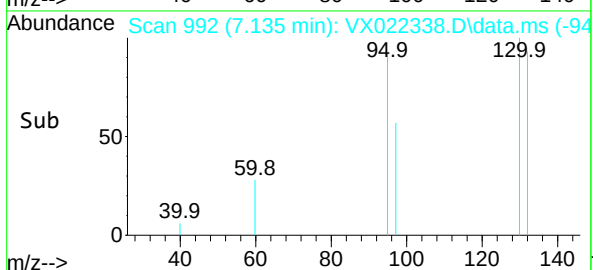
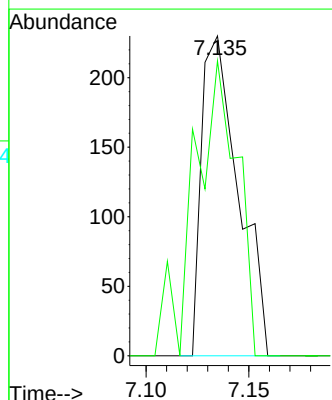
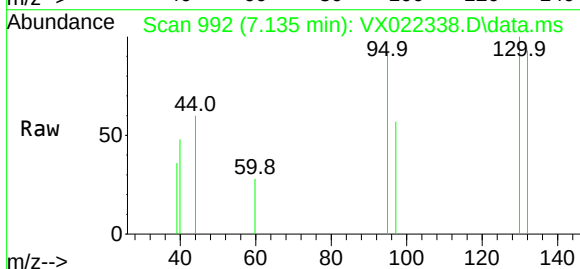


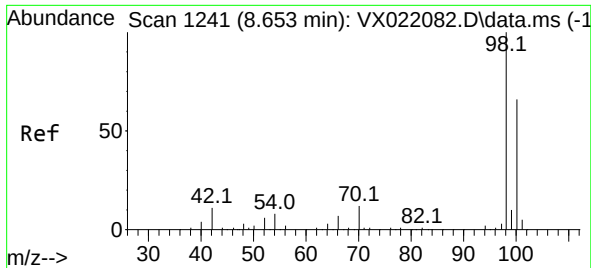
Tgt Ion:117 Resp: 7153
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.31 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

Tgt Ion:130 Resp: 287
Ion Ratio Lower Upper
130 100
95 92.2 0.0 198.0

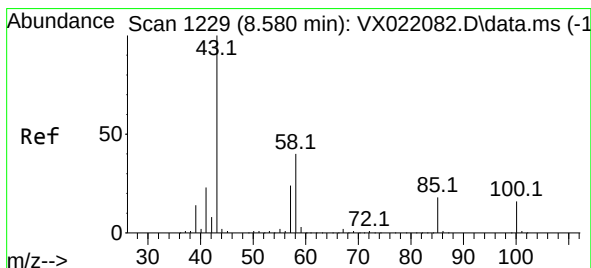
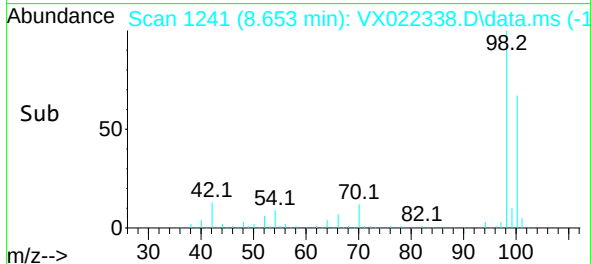
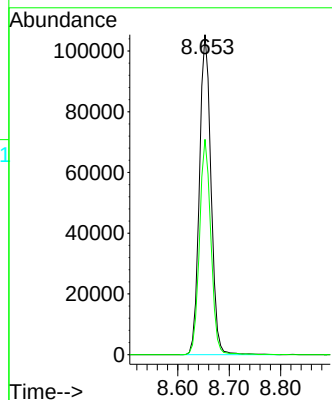
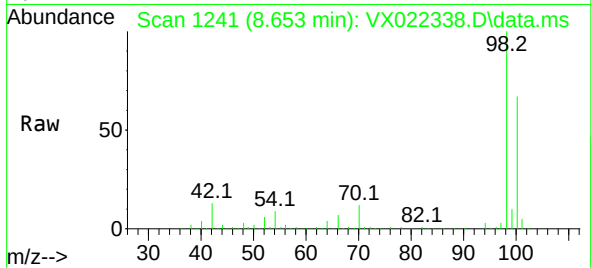




#50
Toluene-d8
Concen: 51.27 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

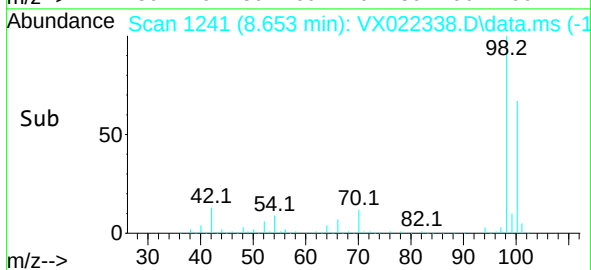
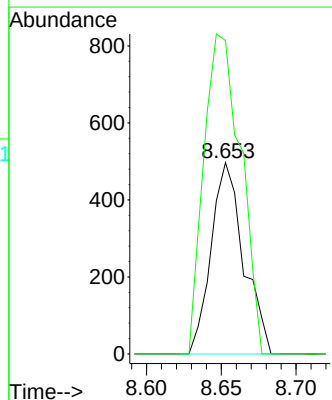
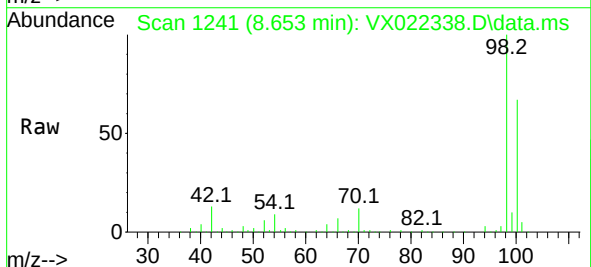
Instrument :
MSVOA_X
ClientSampleId :
TB03-20210527

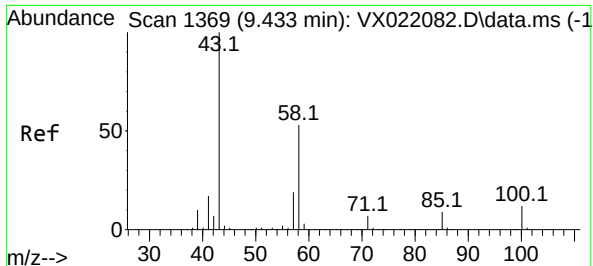
Tgt Ion: 98 Resp: 164750
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

Tgt Ion: 43 Resp: 753
Ion Ratio Lower Upper
43 100
58 189.4 35.4 53.0#

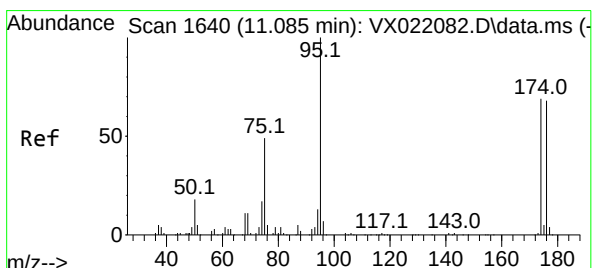
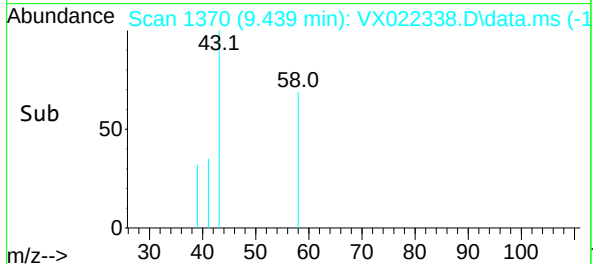
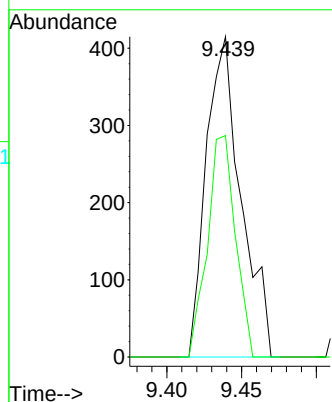
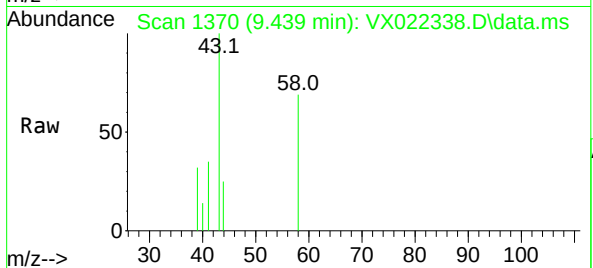




#59
2-Hexanone
Concen: 0.61 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

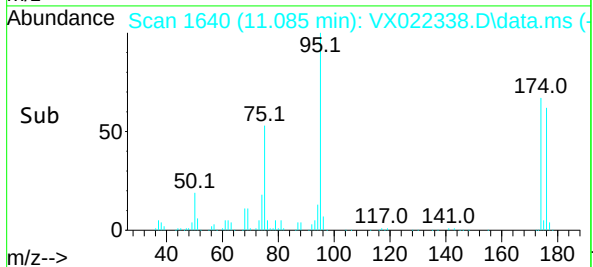
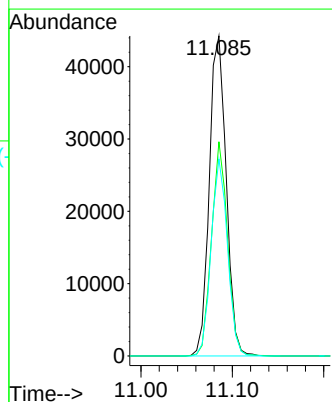
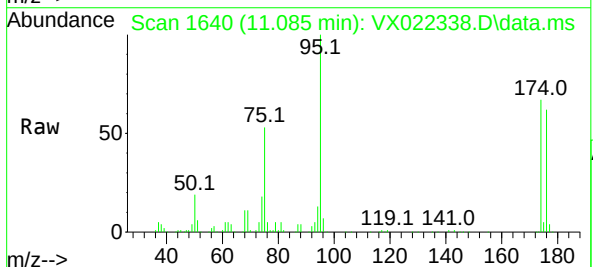
Instrument :
MSVOA_X
ClientSampleId :
TB03-20210527

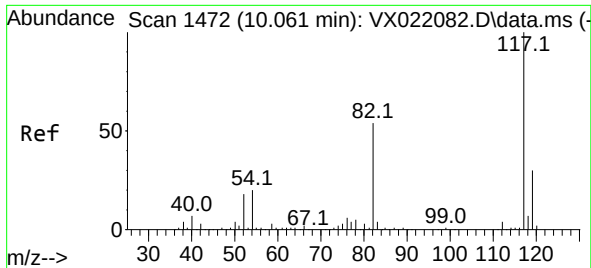
Tgt Ion: 43 Resp: 671
Ion Ratio Lower Upper
43 100
58 55.6 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 47.78 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

Tgt Ion: 95 Resp: 56747
Ion Ratio Lower Upper
95 100
174 63.4 0.0 154.6
176 59.6 0.0 155.8

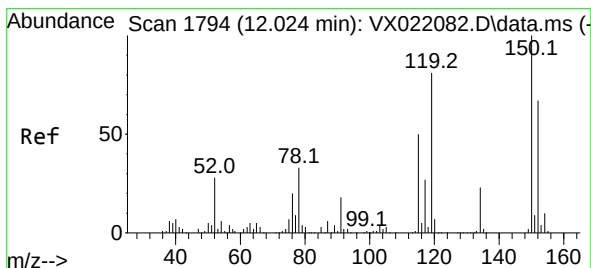
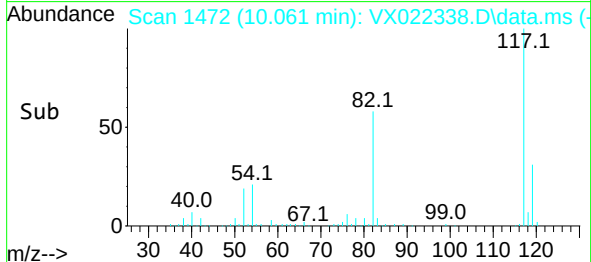
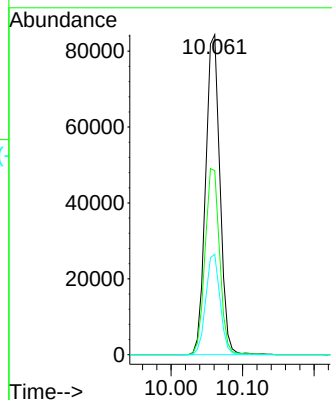
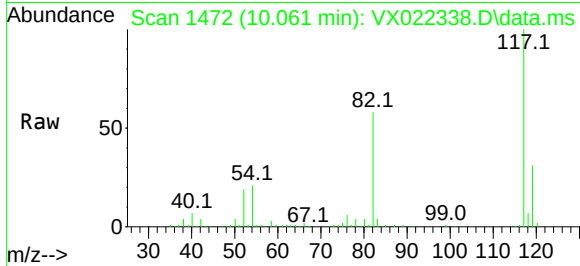




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

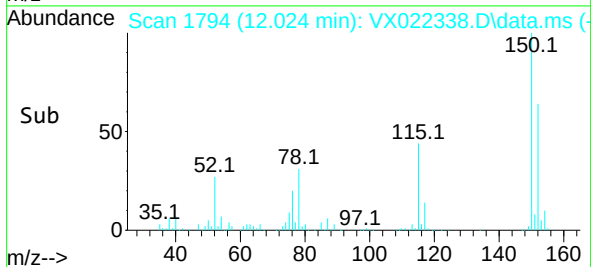
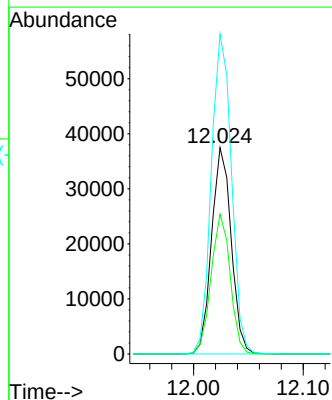
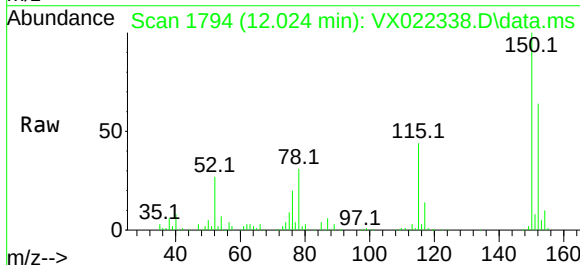
Instrument :
MSVOA_X
ClientSampleId :
TB03-20210527

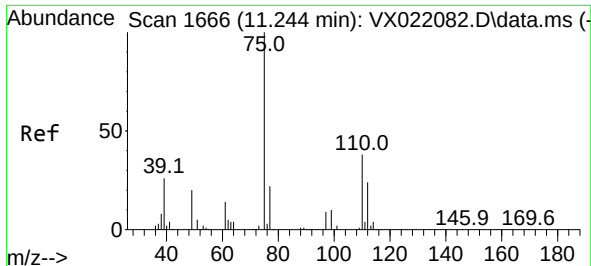
Tgt Ion:117 Resp: 117559
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

Tgt Ion:152 Resp: 46639
Ion Ratio Lower Upper
152 100
115 66.0 41.1 123.3
150 159.0 0.0 349.0

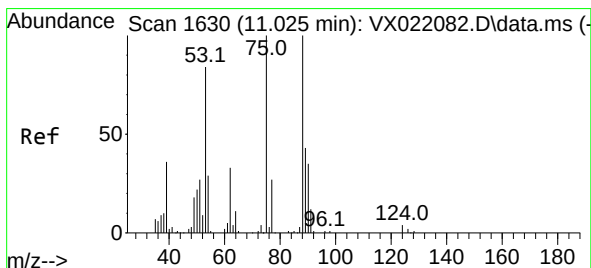
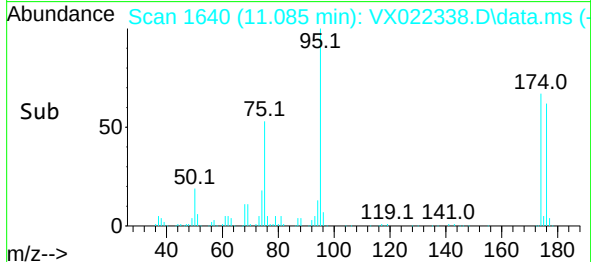
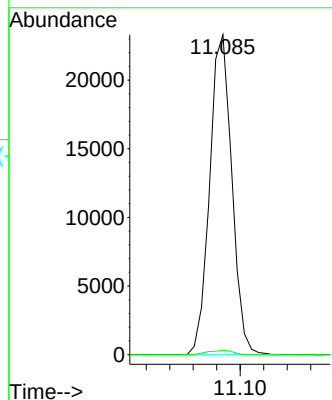
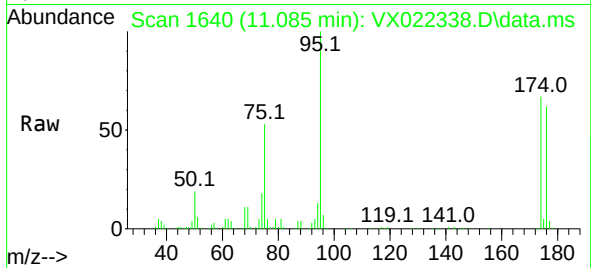




#76
1,2,3-Trichloropropane
Concen: 26.53 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

Instrument :
MSVOA_X
ClientSampleId :
TB03-20210527

Tgt Ion: 75 Resp: 30522
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.85 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022338.D
Acq: 02 Jun 2021 15:04

Tgt Ion: 75 Resp: 30522
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

