

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022323.D
 Acq On : 02 Jun 2021 04:45
 Operator : JC/MD
 Sample : M2572-11 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20210528

Quant Time: Jun 02 05:35:37 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)

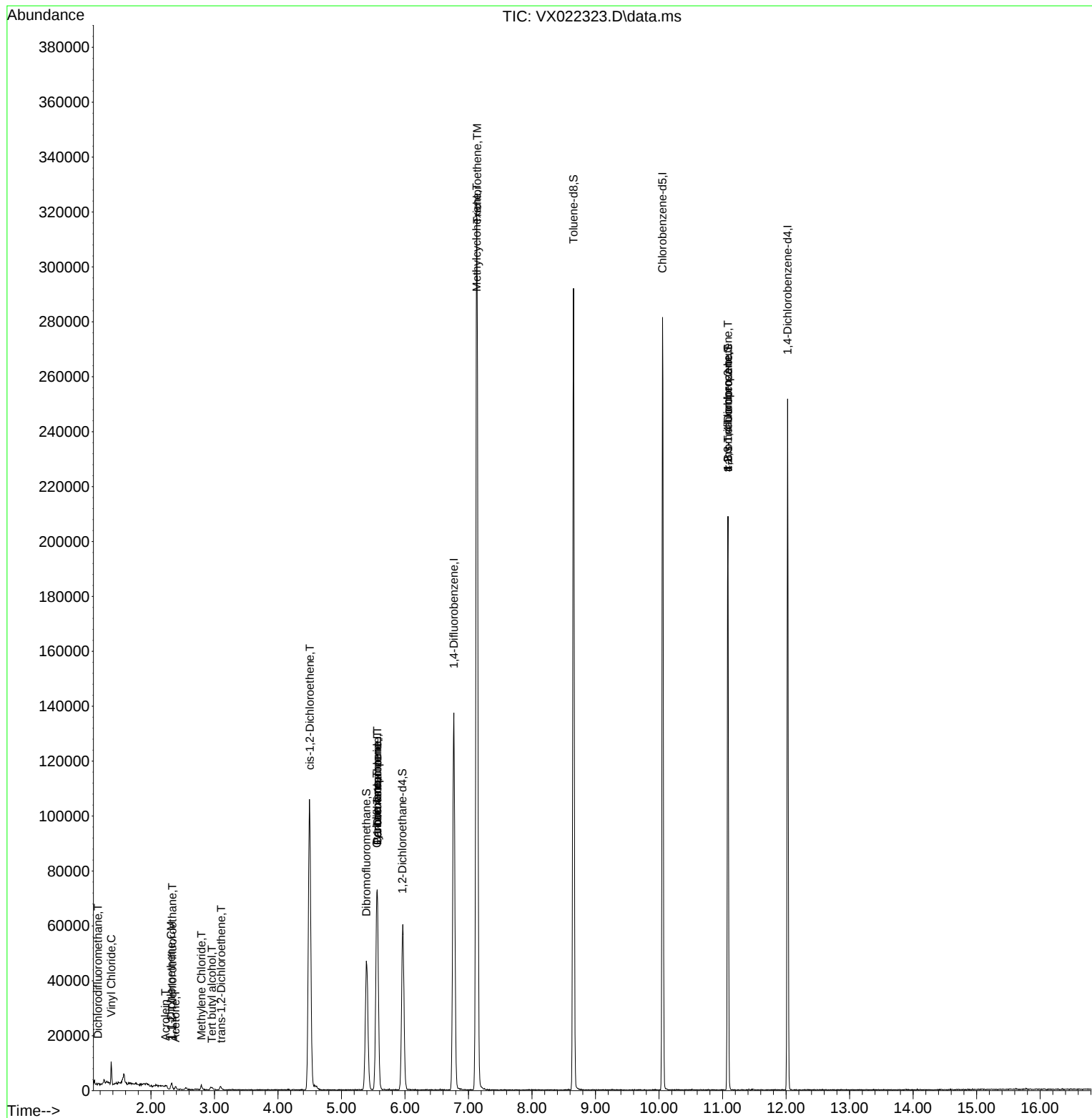
Internal Standards						
1) Pentafluorobenzene	5.562	168	63064	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	133994	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54256	55.77	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.54%
35) Dibromofluoromethane	5.391	113	40469	47.63	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.26%
50) Toluene-d8	8.653	98	168394	51.45	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.90%
62) 4-Bromofluorobenzene	11.085	95	57778	47.76	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.52%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	537	0.70	ug/l	95
4) Vinyl Chloride	1.374	62	4295	4.91	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	435	0.58	ug/l	# 74
11) Tert butyl alcohol	2.959	59	721	3.24	ug/l	# 73
12) 1,1-Dichloroethene	2.319	96	550	0.76	ug/l	93
13) Acrolein	2.227	56	44	0.30	ug/l	# 1
16) Acetone	2.386	43	1144	2.70	ug/l	# 69
20) Methylene Chloride	2.794	84	586	0.62	ug/l	# 58
21) trans-1,2-Dichloroethene	3.105	96	554	0.70	ug/l	# 62
27) cis-1,2-Dichloroethene	4.501	96	64744	67.72	ug/l	91
31) Cyclohexane	5.556	56	1773	1.45	ug/l	# 28
36) 1,1-Dichloropropene	5.562	75	6495	5.24	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	7174	5.92	ug/l	# 14
39) Methylcyclohexane	7.129	83	1516	1.08	ug/l	# 1
44) Trichloroethene	7.135	130	115988	122.43	ug/l	97
76) 1,2,3-Trichloropropane	11.085	75	29650	26.76	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	29650	63.41	ug/l	# 12

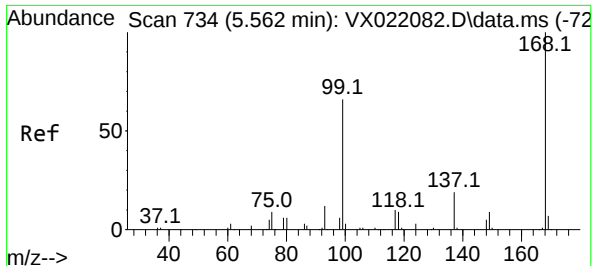
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
Data File : VX022323.D
Acq On : 02 Jun 2021 04:45
Operator : JC/MD
Sample : M2572-11 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210528

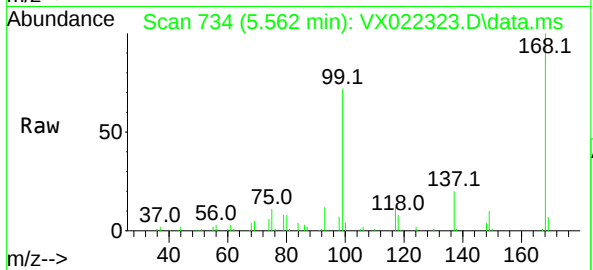
Quant Time: Jun 02 05:35:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



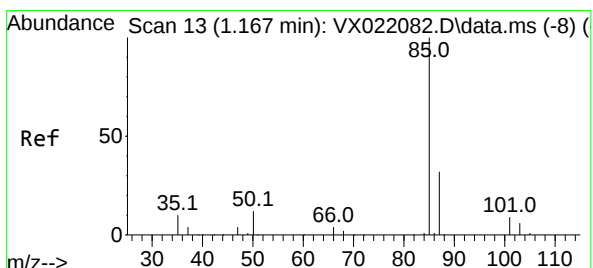
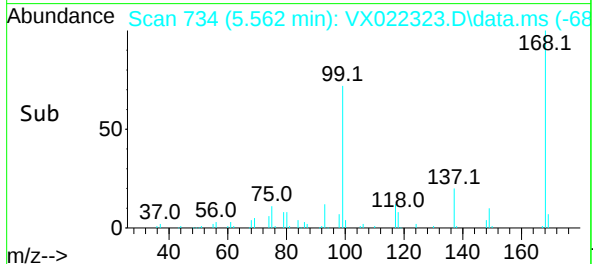
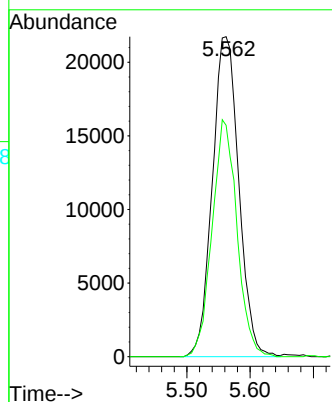


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210528

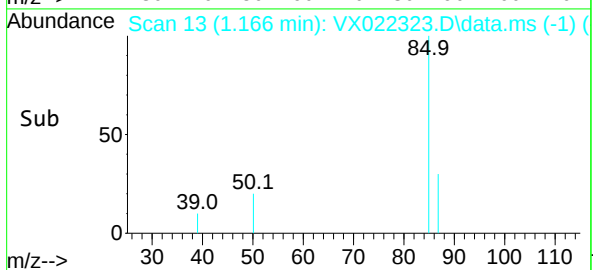
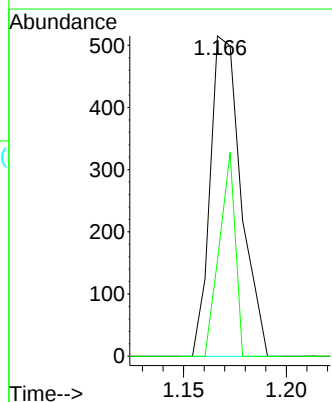
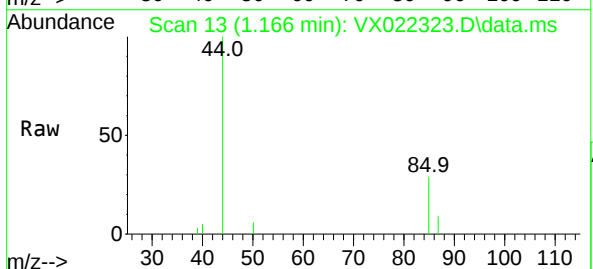


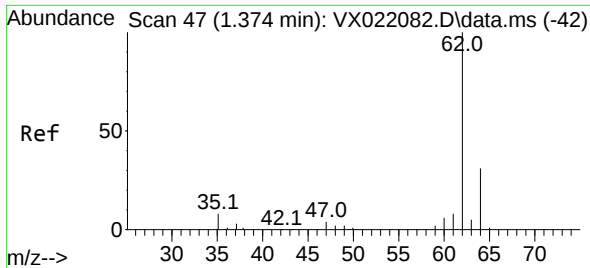
Tgt Ion:168 Resp: 63064
Ion Ratio Lower Upper
168 100
99 72.3 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 0.70 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

Tgt Ion: 85 Resp: 537
Ion Ratio Lower Upper
85 100
87 29.9 16.4 49.2

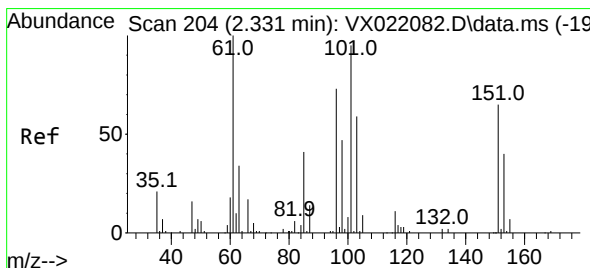
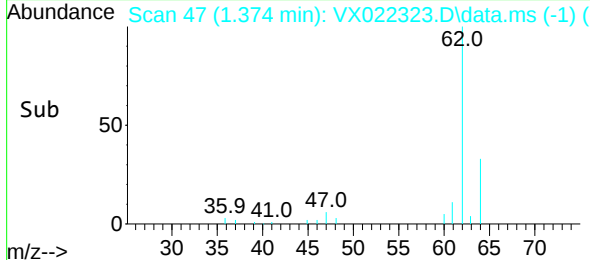
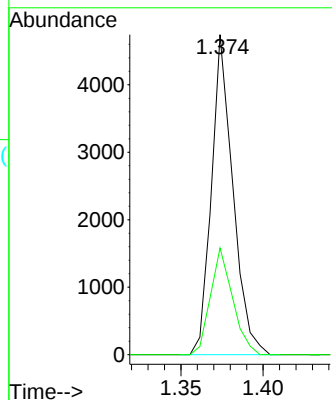
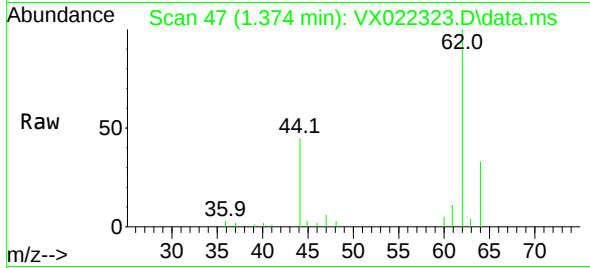




#4
 Vinyl Chloride
 Concen: 4.91 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022323.D
 Acq: 02 Jun 2021 04:45

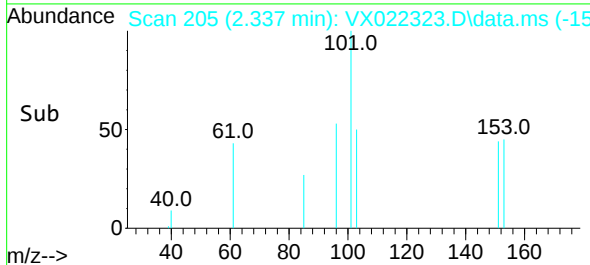
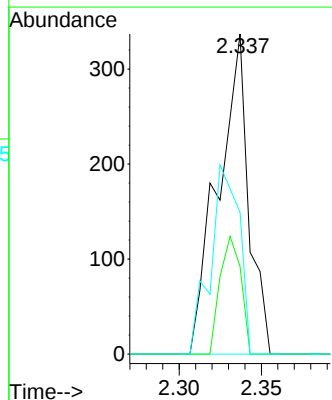
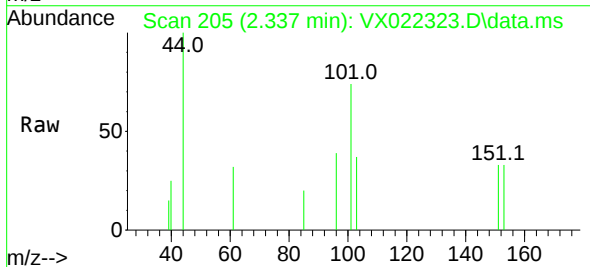
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20210528

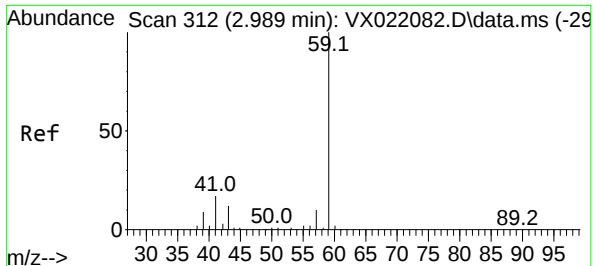
Tgt Ion: 62 Resp: 4295
 Ion Ratio Lower Upper
 62 100
 64 33.4 25.7 38.5



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.58 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. 0.006 min
 Lab File: VX022323.D
 Acq: 02 Jun 2021 04:45

Tgt Ion: 101 Resp: 435
 Ion Ratio Lower Upper
 101 100
 85 25.1 34.9 52.3#
 151 55.6 61.4 92.2#



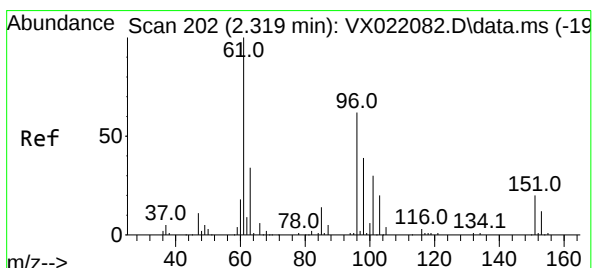
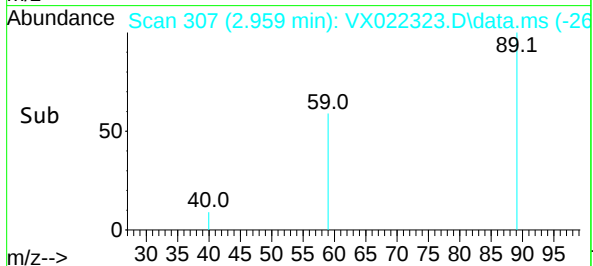
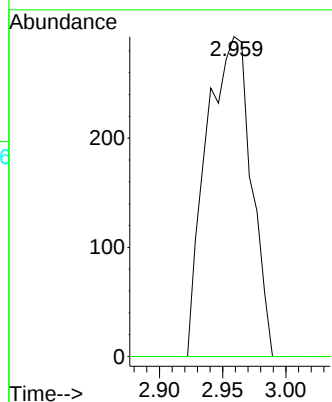
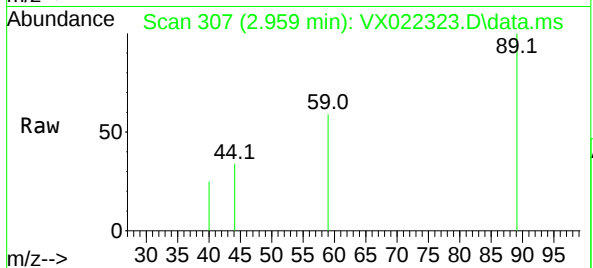


#11

Tert butyl alcohol
Concen: 3.24 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210528

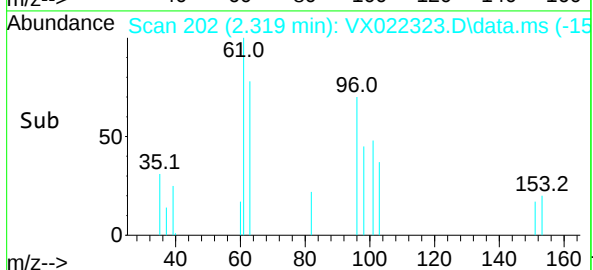
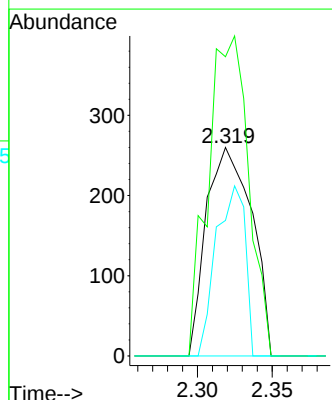
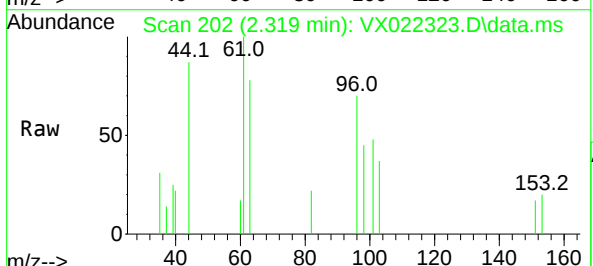
Tgt Ion: 59 Resp: 721
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

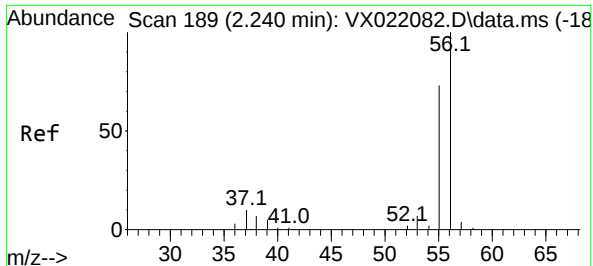


#12

1,1-Dichloroethene
Concen: 0.76 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

Tgt Ion: 96 Resp: 550
Ion Ratio Lower Upper
96 100
61 143.5 124.6 187.0
98 65.0 50.6 76.0

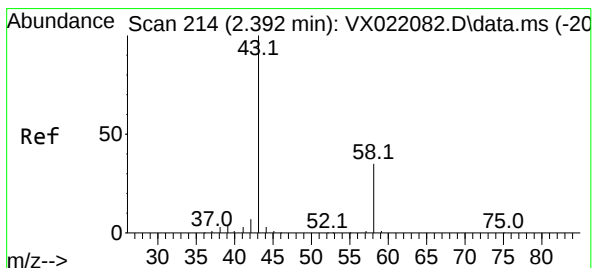
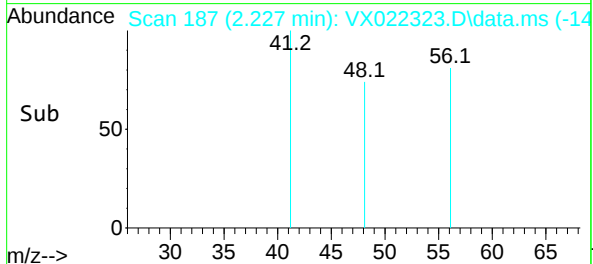
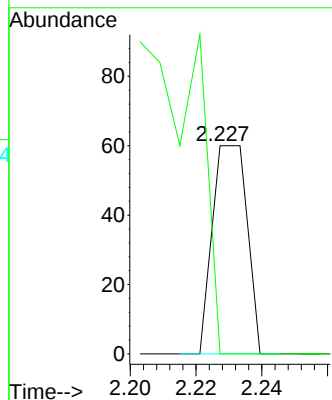
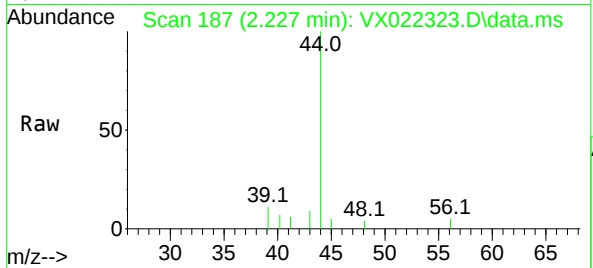




#13
Acrolein
Concen: 0.30 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.013 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

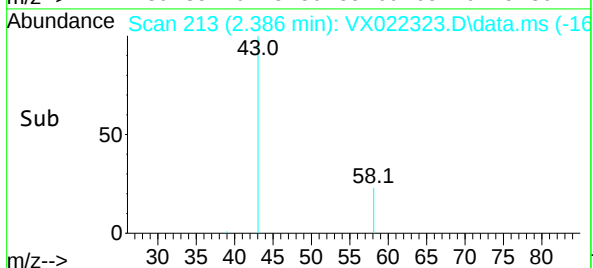
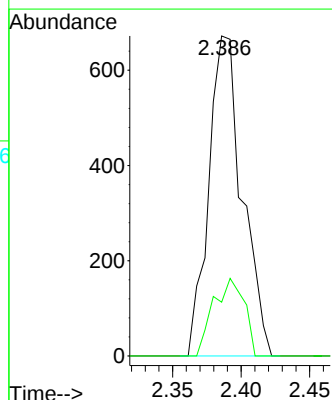
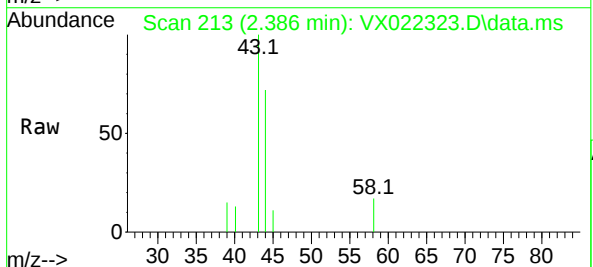
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210528

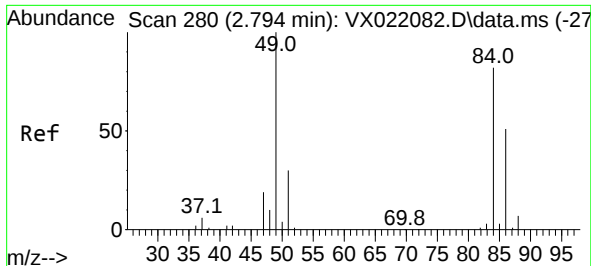
Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 325.0 56.4 84.6#



#16
Acetone
Concen: 2.70 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

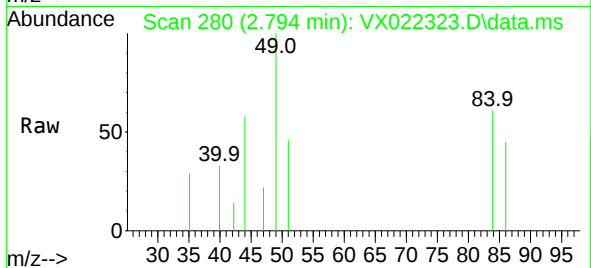
Tgt Ion: 43 Resp: 1144
Ion Ratio Lower Upper
43 100
58 16.8 27.8 41.8#



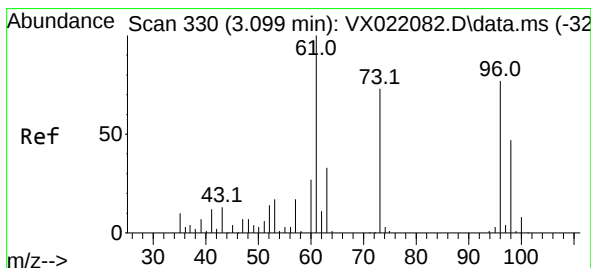
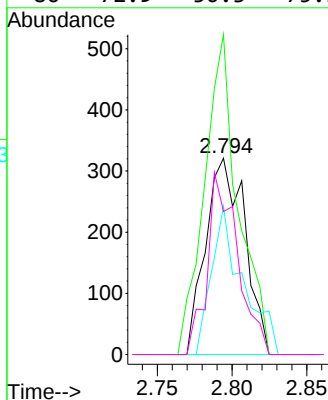
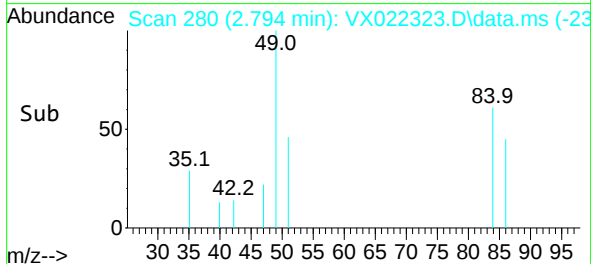


#20
Methylene Chloride
Concen: 0.62 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

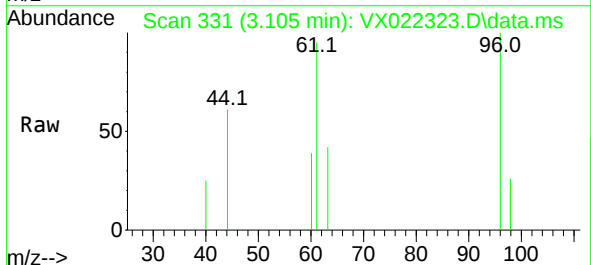
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210528



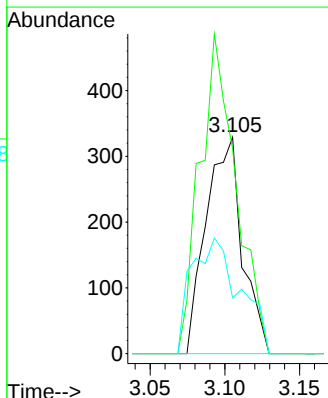
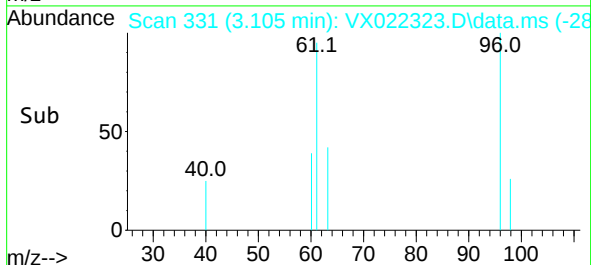
Tgt Ion: 84	Resp: 586
Ion Ratio	Lower Upper
84 100	
49 162.9	88.6 132.8#
51 75.7	27.0 40.6#
86 72.9	50.3 75.5

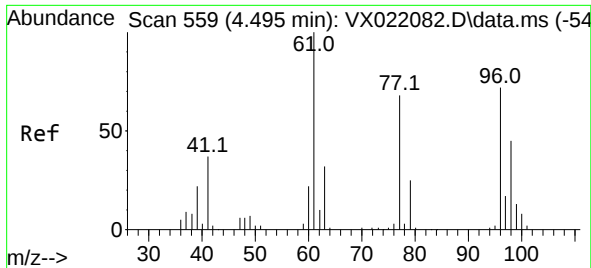


#21
trans-1,2-Dichloroethene
Concen: 0.70 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.006 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45



Tgt Ion: 96	Resp: 554
Ion Ratio	Lower Upper
96 100	
61 94.8	107.7 161.5#
98 25.8	50.4 75.6#





#27

cis-1,2-Dichloroethene

Concen: 67.72 ug/l

RT: 4.501 min Scan# 560

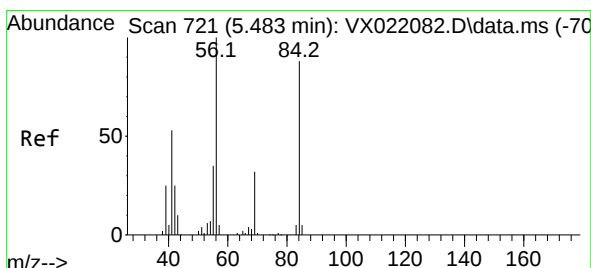
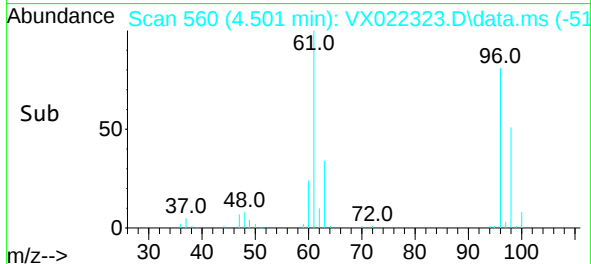
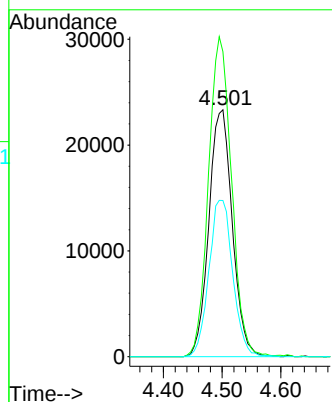
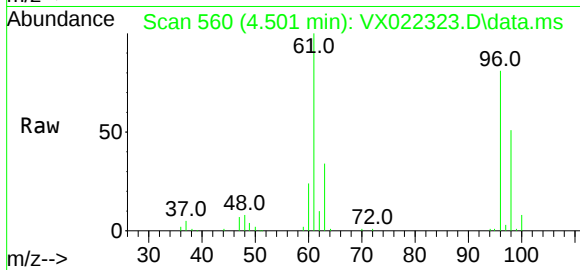
Delta R.T. 0.006 min

Lab File: VX022323.D

Acq: 02 Jun 2021 04:45

Tgt Ion: 96 Resp: 64744

Ion	Ratio	Lower	Upper
96	100		
61	127.2	0.0	285.6
98	64.4	0.0	129.6



#31

Cyclohexane

Concen: 1.45 ug/l

RT: 5.556 min Scan# 733

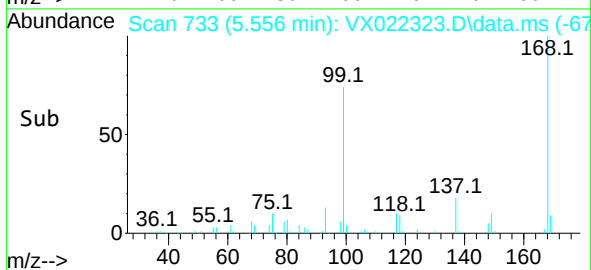
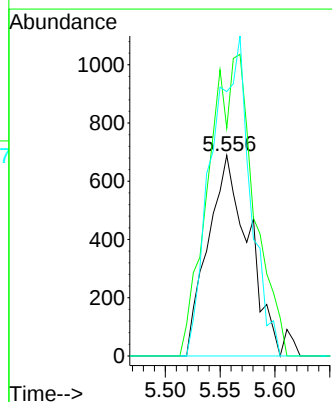
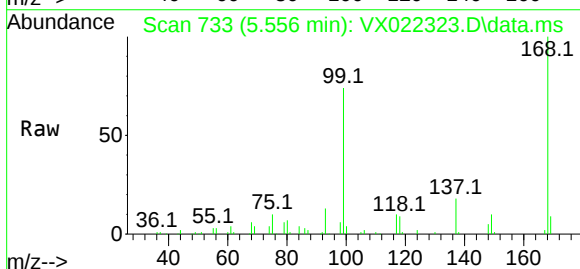
Delta R.T. 0.073 min

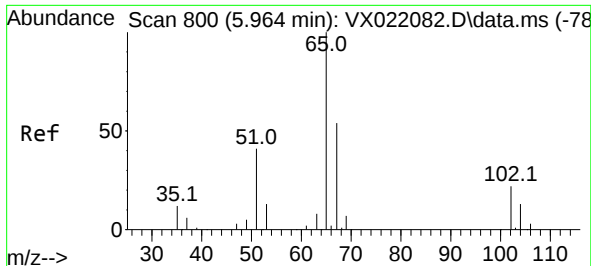
Lab File: VX022323.D

Acq: 02 Jun 2021 04:45

Tgt Ion: 56 Resp: 1773

Ion	Ratio	Lower	Upper
56	100		
69	113.5	25.3	37.9#
84	131.8	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 55.77 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX022323.D

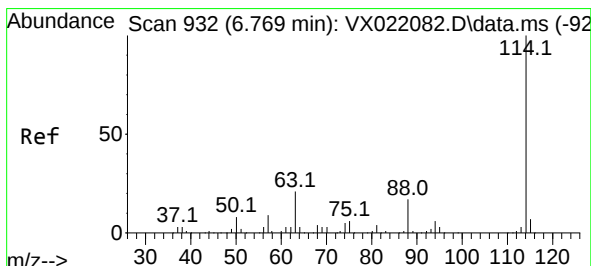
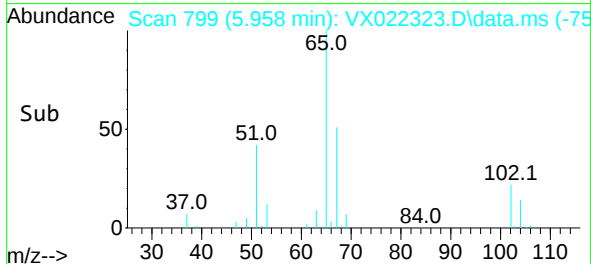
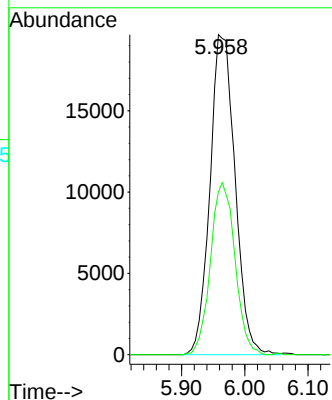
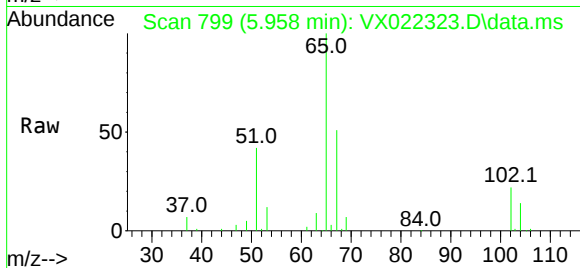
Acq: 02 Jun 2021 04:45

Tgt Ion: 65 Resp: 54256

Ion Ratio Lower Upper

65 100

67 52.3 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: VX022323.D

Acq: 02 Jun 2021 04:45

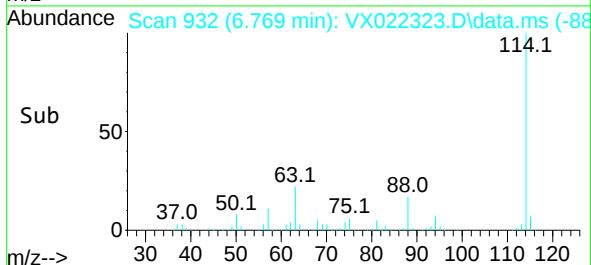
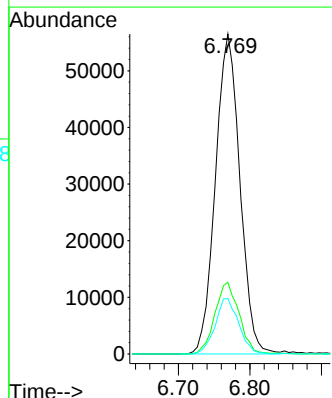
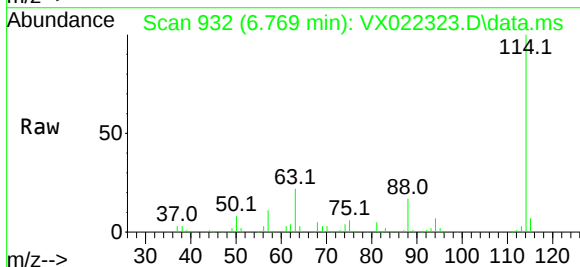
Tgt Ion: 114 Resp: 133994

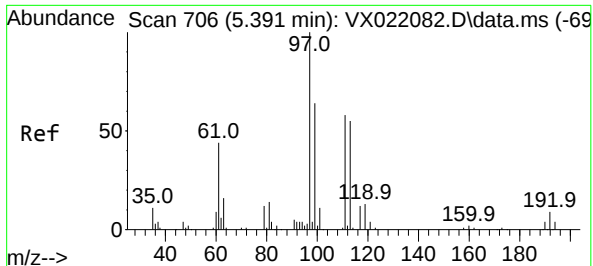
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.8

88 17.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.63 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX022323.D

Acq: 02 Jun 2021 04:45

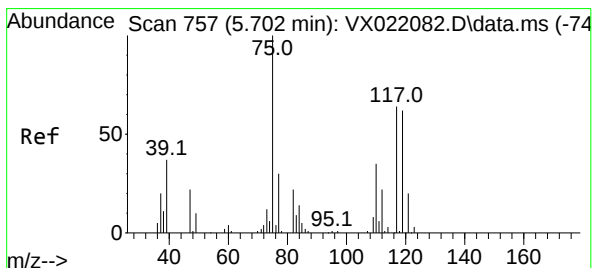
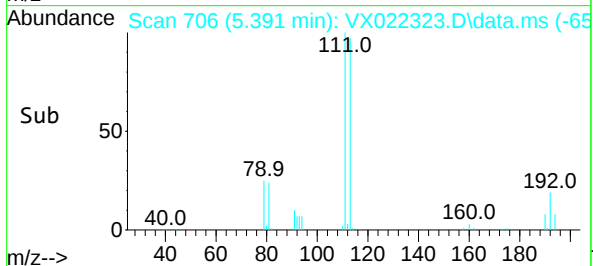
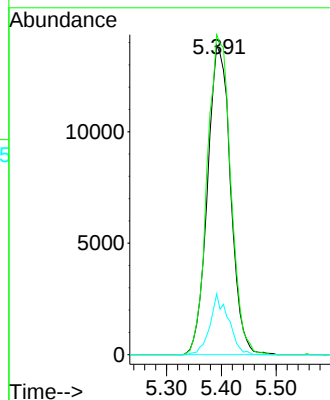
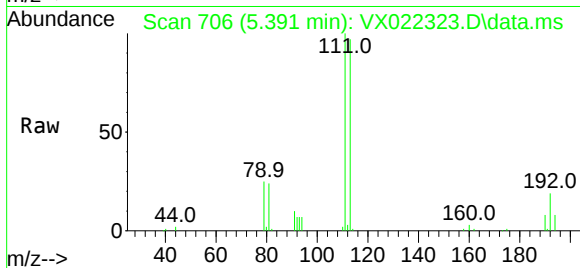
Tgt Ion:113 Resp: 40469

Ion Ratio Lower Upper

113 100

111 105.3 81.9 122.9

192 15.9 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.24 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022323.D

Acq: 02 Jun 2021 04:45

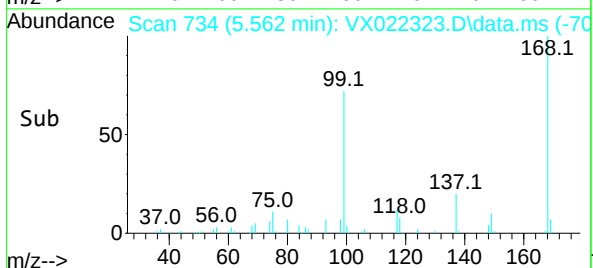
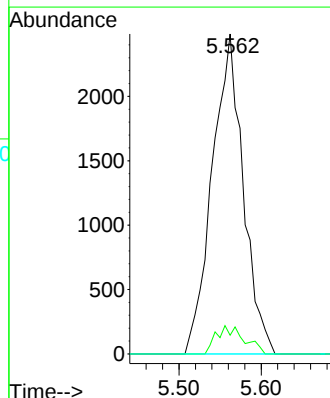
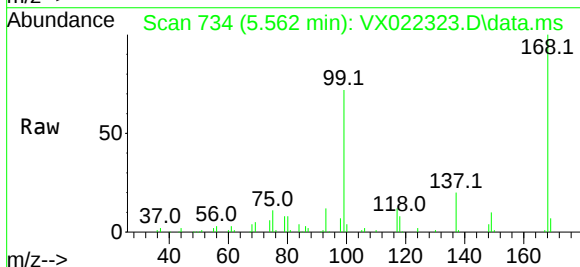
Tgt Ion: 75 Resp: 6495

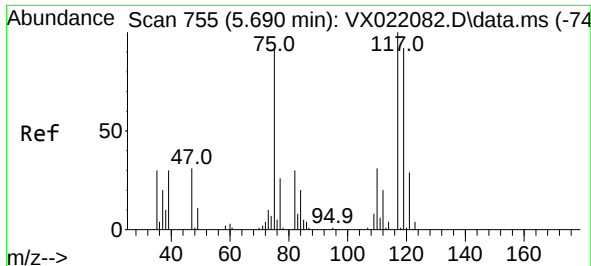
Ion Ratio Lower Upper

75 100

110 7.9 18.1 54.4#

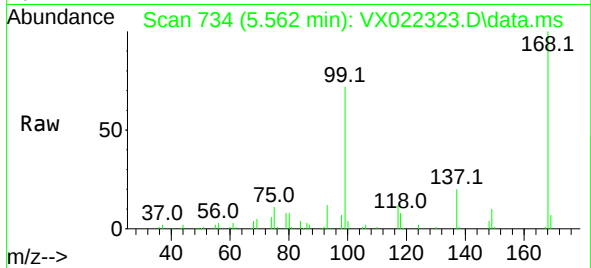
77 0.0 25.3 37.9#



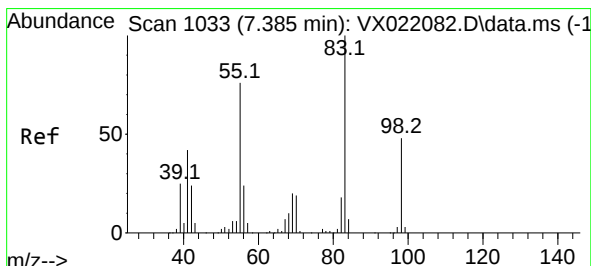
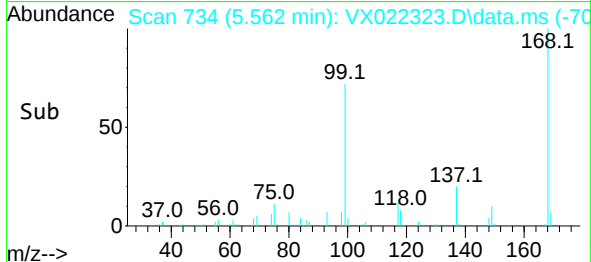
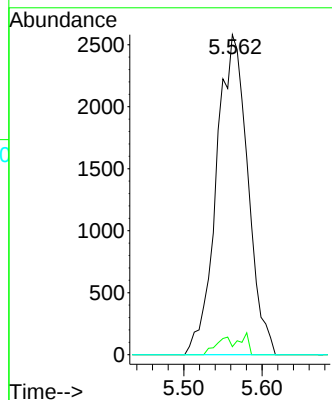


#38
Carbon Tetrachloride
Concen: 5.92 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210528

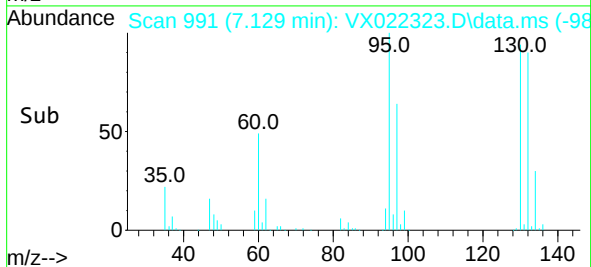
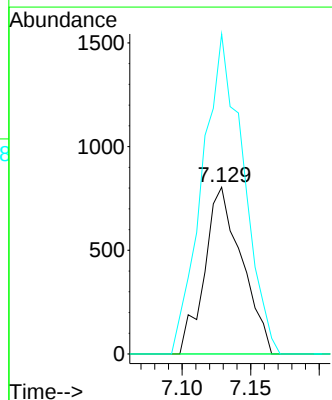
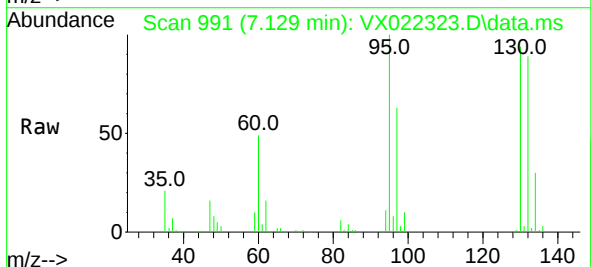


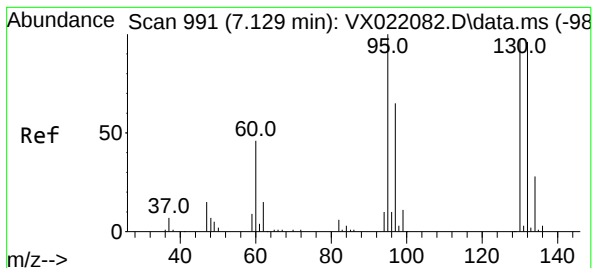
Tgt Ion:117 Resp: 7174
Ion Ratio Lower Upper
117 100
119 2.5 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 1.08 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

Tgt Ion: 83 Resp: 1516
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 191.9 38.1 57.1#





#44

Trichloroethene

Concen: 122.43 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

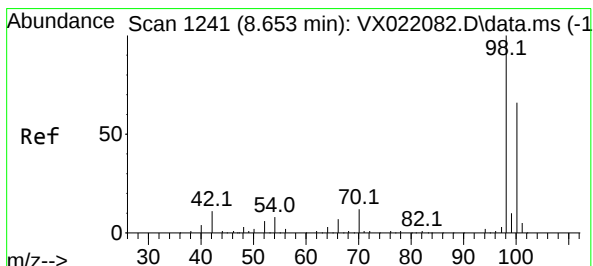
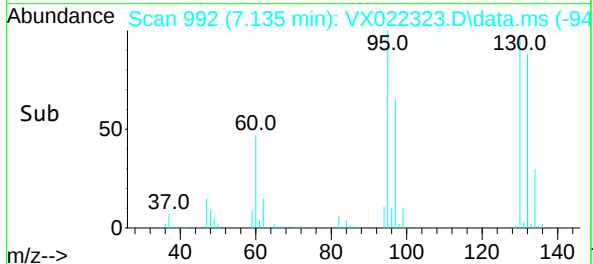
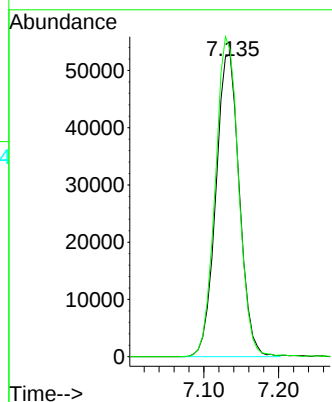
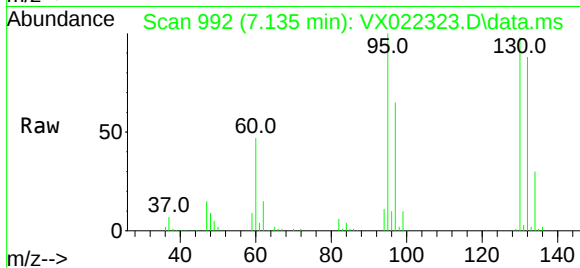
Lab File: VX022323.D

Acq: 02 Jun 2021 04:45

Tgt Ion:130 Resp: 115988

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	198.0



#50

Toluene-d8

Concen: 51.45 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

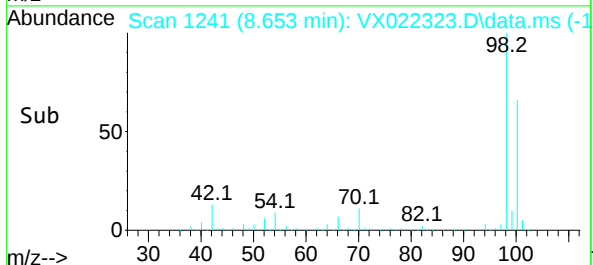
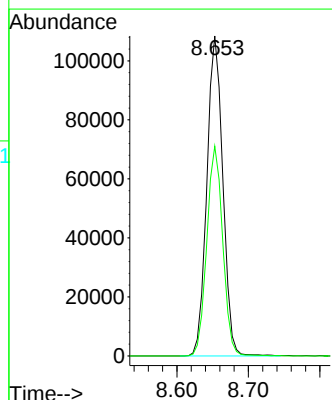
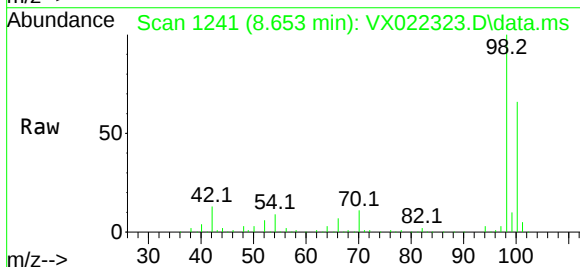
Lab File: VX022323.D

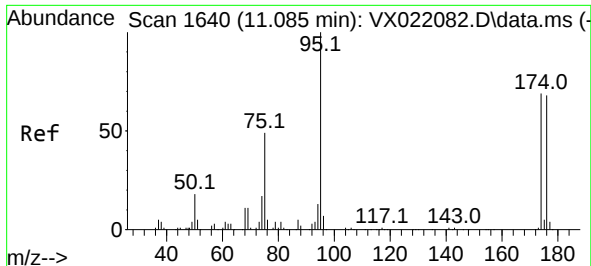
Acq: 02 Jun 2021 04:45

Tgt Ion: 98 Resp: 168394

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.9	77.9

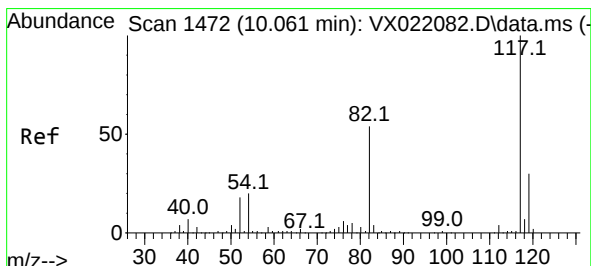
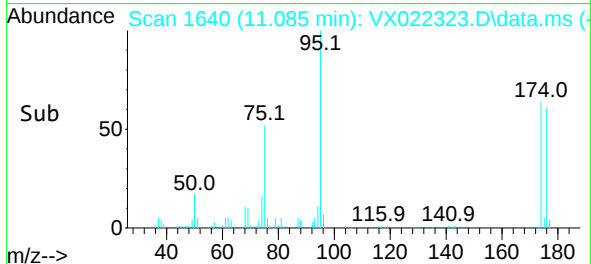
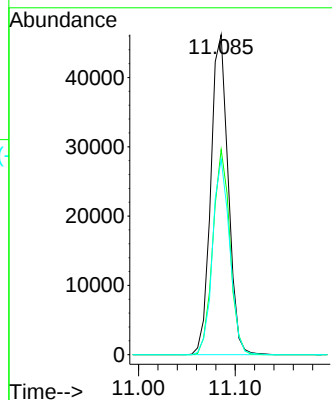
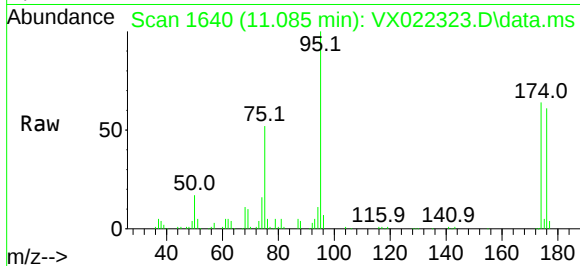




#62
4-Bromofluorobenzene
Concen: 47.76 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

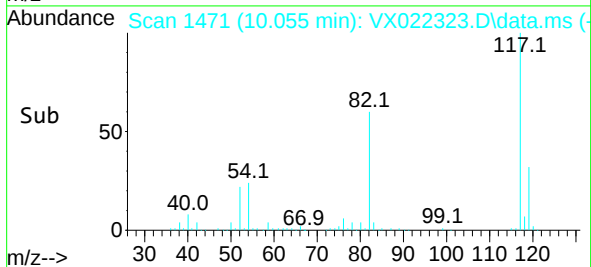
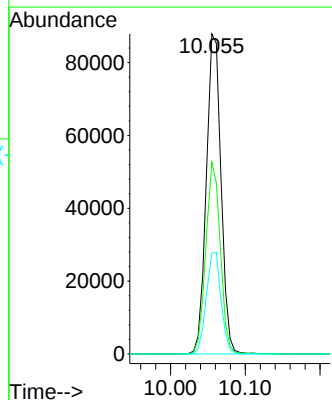
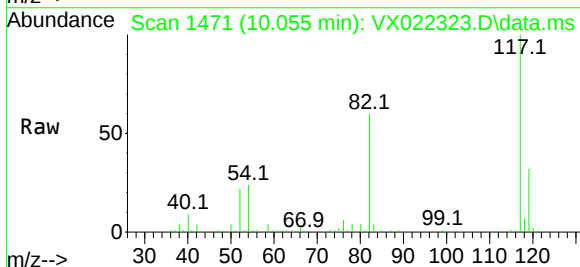
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210528

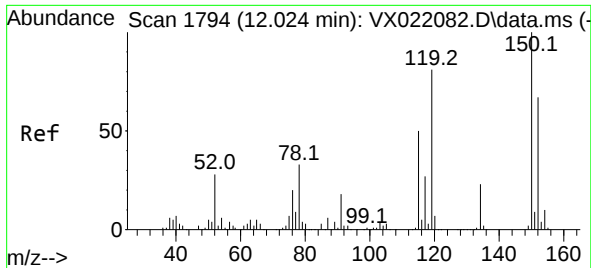
Tgt Ion: 95 Resp: 57778
Ion Ratio Lower Upper
95 100
174 62.6 0.0 154.6
176 60.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022323.D
Acq: 02 Jun 2021 04:45

Tgt Ion: 117 Resp: 120112
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 31.6 26.6 39.8

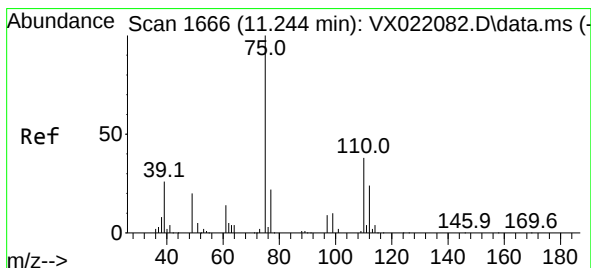
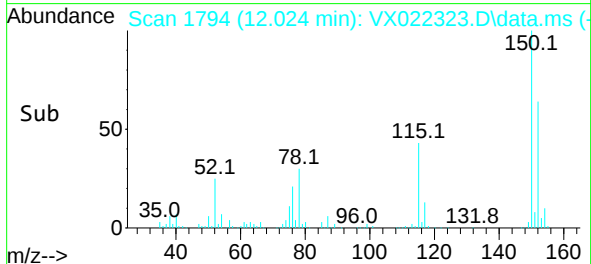
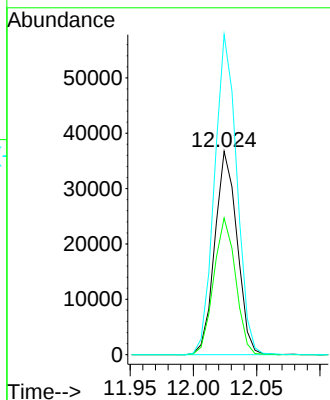
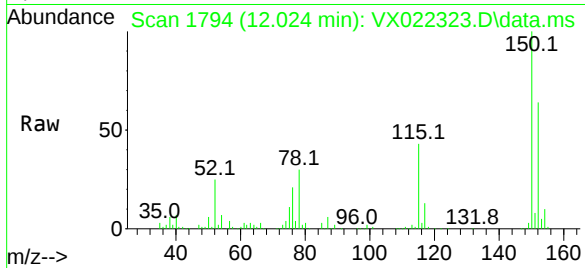




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022323.D
 Acq: 02 Jun 2021 04:45

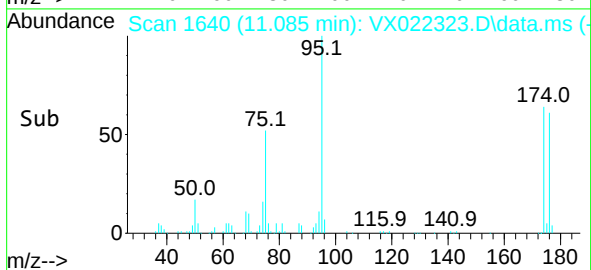
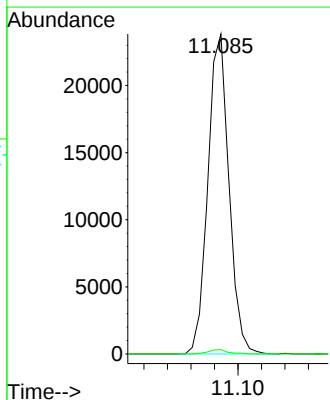
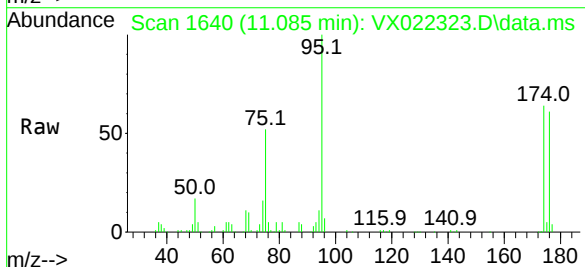
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20210528

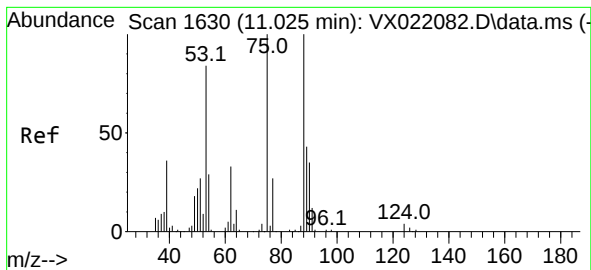
Tgt Ion:152 Resp: 44905
 Ion Ratio Lower Upper
 152 100
 115 66.1 41.1 123.3
 150 157.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.76 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022323.D
 Acq: 02 Jun 2021 04:45

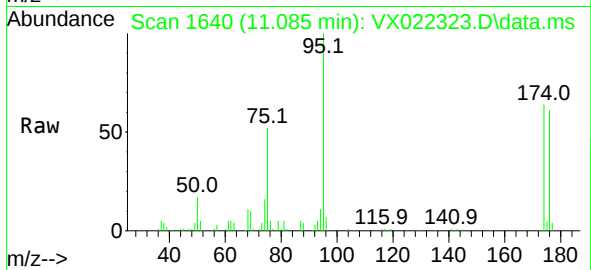
Tgt Ion: 75 Resp: 29650
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.41 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022323.D
 Acq: 02 Jun 2021 04:45

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20210528



Tgt Ion: 75 Resp: 29650
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

