

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
 Data File : VX022210.D
 Acq On : 26 May 2021 20:14
 Operator : JC/MD
 Sample : M2526-23 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20210525

Quant Time: May 27 04:09:49 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)

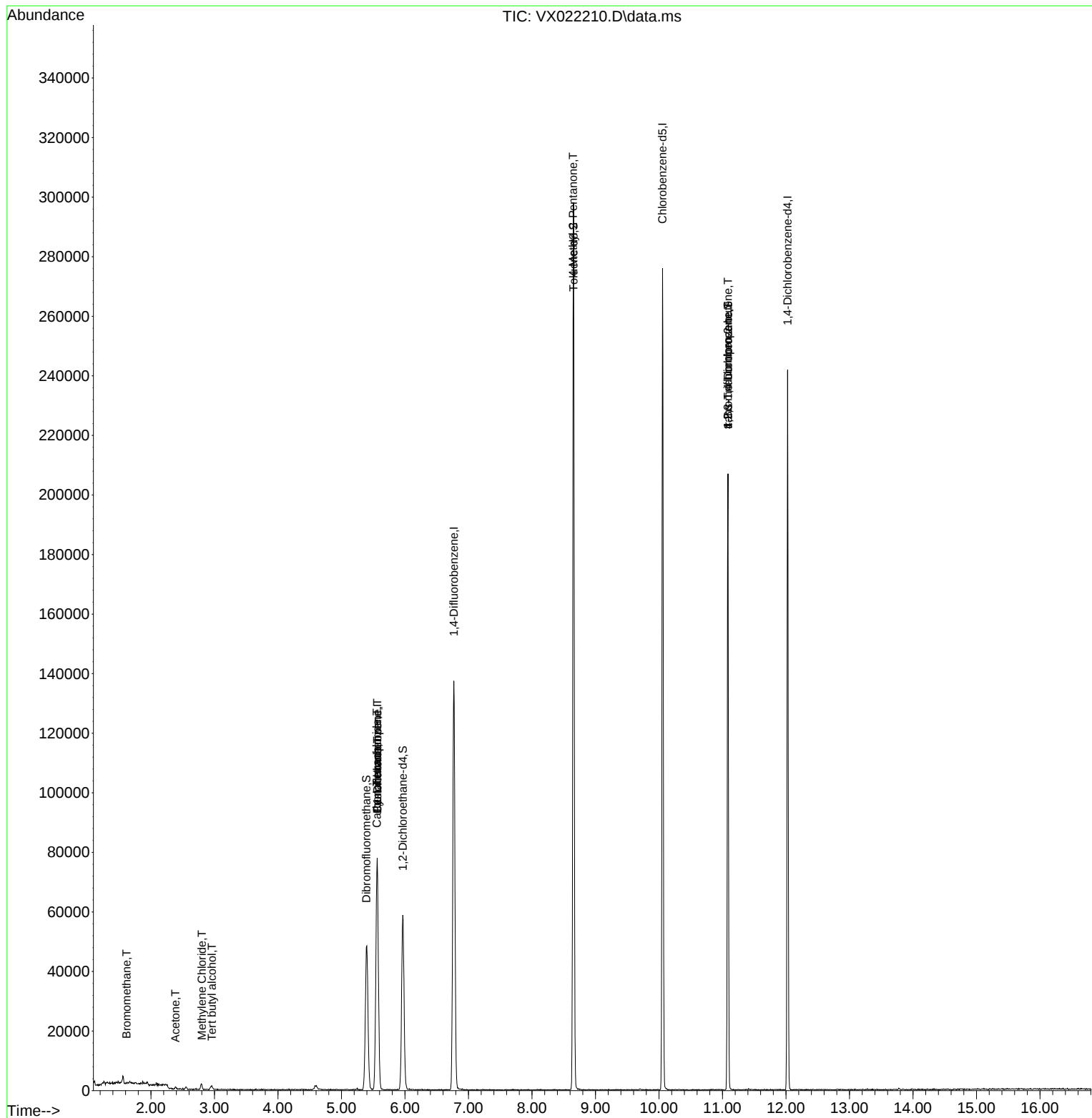
Internal Standards						
1) Pentafluorobenzene	5.562	168	65876	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	138418	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54807	53.93	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.86%
35) Dibromofluoromethane	5.391	113	41757	47.57	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.14%
50) Toluene-d8	8.653	98	167789	49.62	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.24%
62) 4-Bromofluorobenzene	11.086	95	55691	44.56	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.12%
Target Compounds						
						Qvalue
5) Bromomethane	1.618	94	146	0.27	ug/l	93
11) Tert butyl alcohol	2.959	59	915	3.94	ug/l	# 73
16) Acetone	2.386	43	673	1.52	ug/l	# 67
20) Methylene Chloride	2.800	84	943	0.96	ug/l	89
31) Cyclohexane	5.562	56	1681	1.32	ug/l	# 11
36) 1,1-Dichloropropene	5.562	75	6313	4.93	ug/l	# 47
38) Carbon Tetrachloride	5.556	117	7486	5.98	ug/l	# 20
51) 4-Methyl-2-Pentanone	8.647	43	888	0.58	ug/l	# 1
76) 1,2,3-Trichloropropane	11.086	75	29442	27.44	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.086	75	29442	65.01	ug/l	# 12

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

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Response via : Initial Calibration

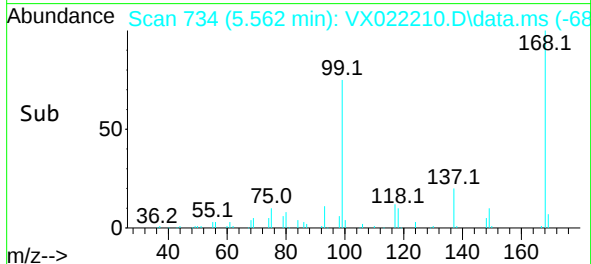
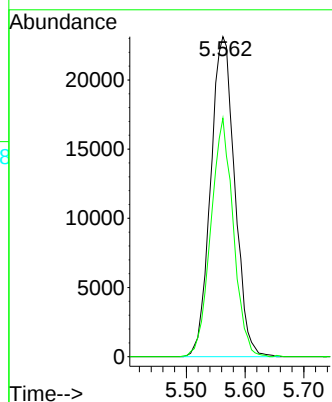
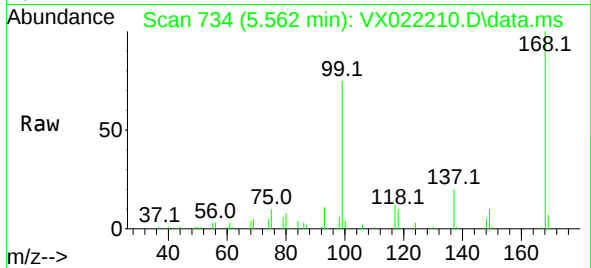




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022210.D
Acq: 26 May 2021 20:14

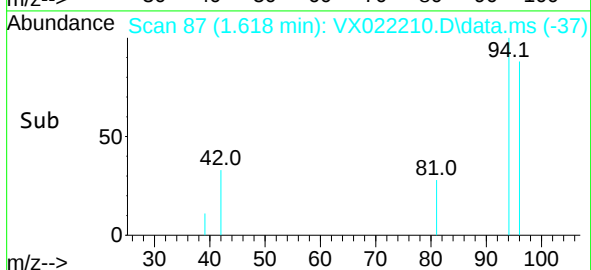
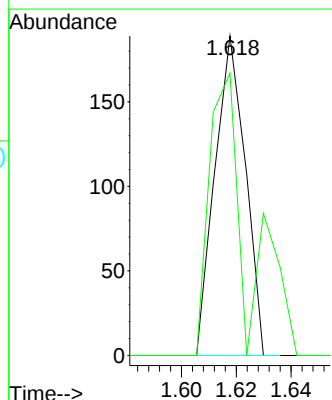
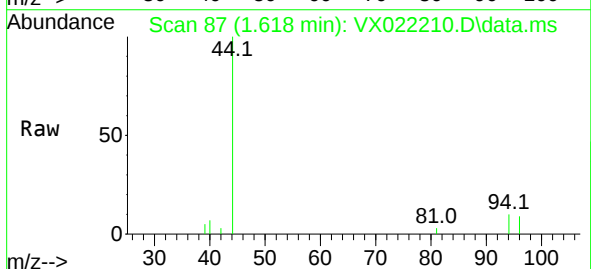
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210525

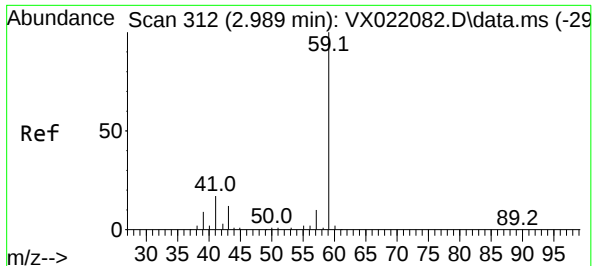
Tgt Ion:168 Resp: 65876
Ion Ratio Lower Upper
168 100
99 74.5 45.8 68.6#



#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022210.D
Acq: 26 May 2021 20:14

Tgt Ion: 94 Resp: 146
Ion Ratio Lower Upper
94 100
96 88.4 76.4 114.6



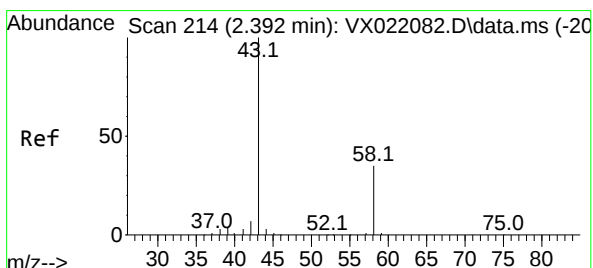
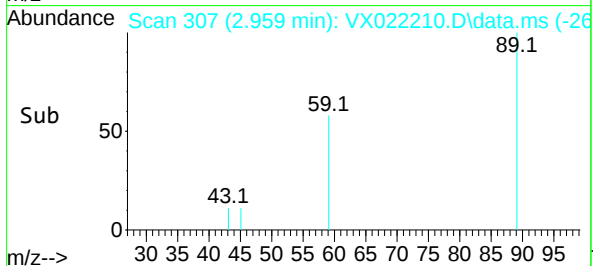
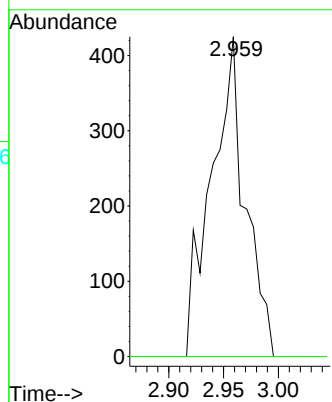
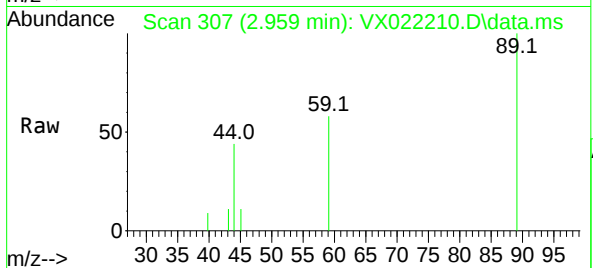


#11

Tert butyl alcohol
Concen: 3.94 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022210.D
Acq: 26 May 2021 20:14

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210525

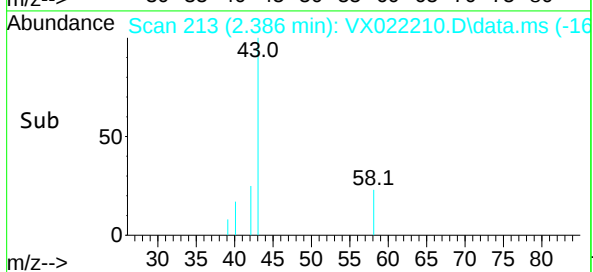
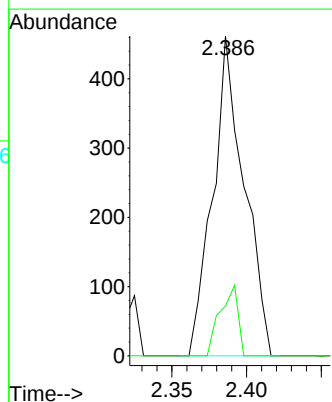
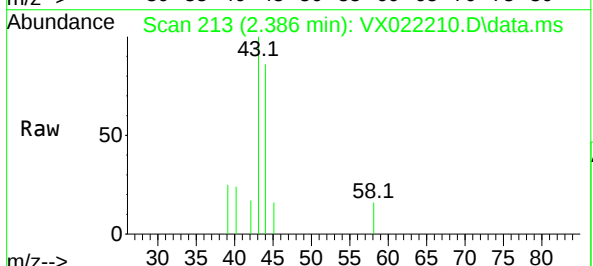
Tgt Ion: 59 Resp: 915
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

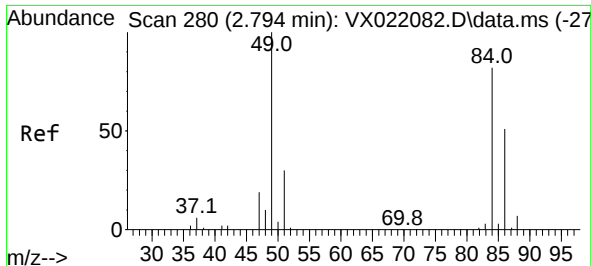


#16

Acetone
Concen: 1.52 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022210.D
Acq: 26 May 2021 20:14

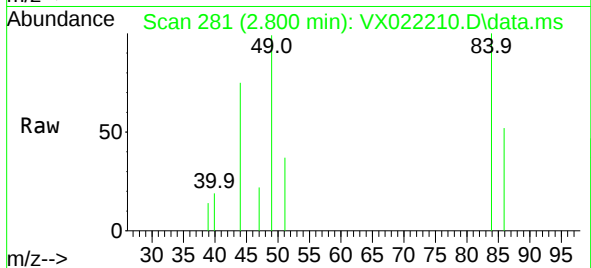
Tgt Ion: 43 Resp: 673
Ion Ratio Lower Upper
43 100
58 15.6 27.8 41.8#





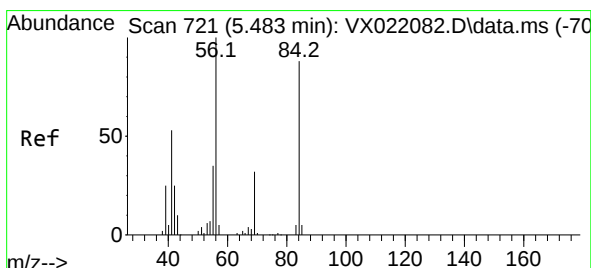
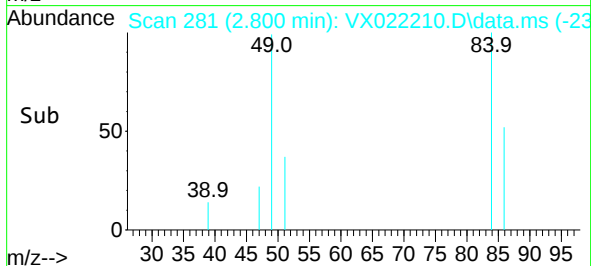
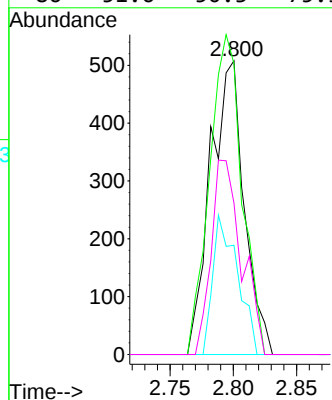
#20
Methylene Chloride
Concen: 0.96 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022210.D
Acq: 26 May 2021 20:14

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210525



Tgt Ion: 84 Resp: 943

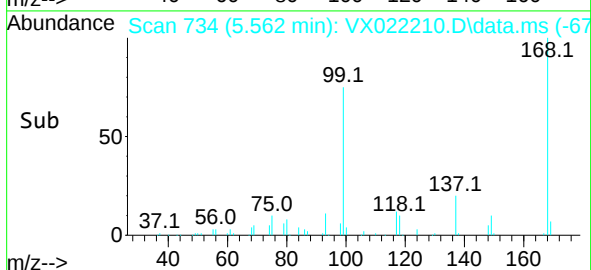
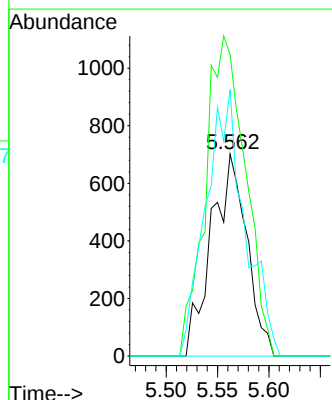
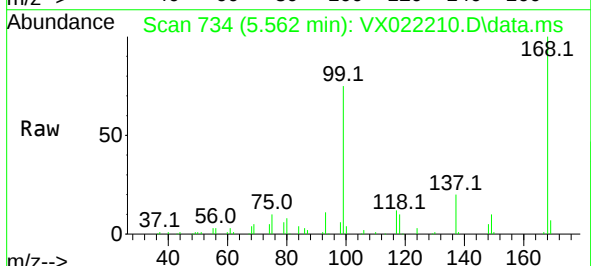
Ion	Ratio	Lower	Upper
84	100		
49	99.0	88.6	132.8
51	37.2	27.0	40.6
86	51.6	50.3	75.5

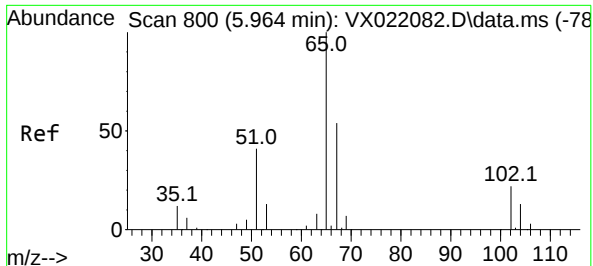


#31
Cyclohexane
Concen: 1.32 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022210.D
Acq: 26 May 2021 20:14

Tgt Ion: 56 Resp: 1681

Ion	Ratio	Lower	Upper
56	100		
69	149.4	25.3	37.9#
84	132.1	71.4	107.0#



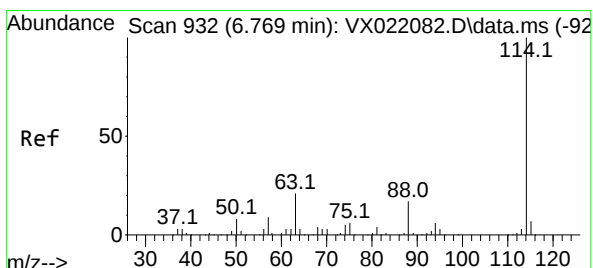
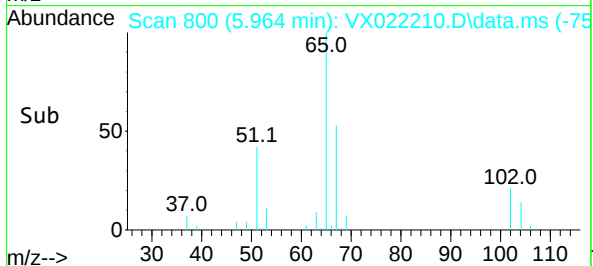
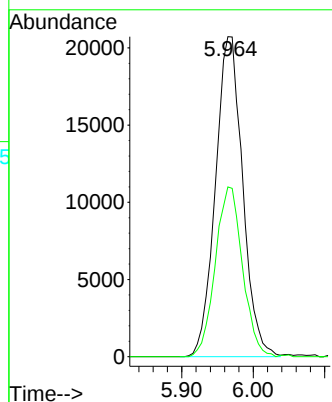
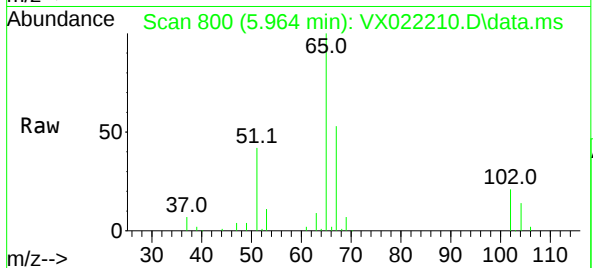


#33

1,2-Dichloroethane-d4
Concen: 53.93 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022210.D
Acq: 26 May 2021 20:14

Instrument :
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DUP02-20210525

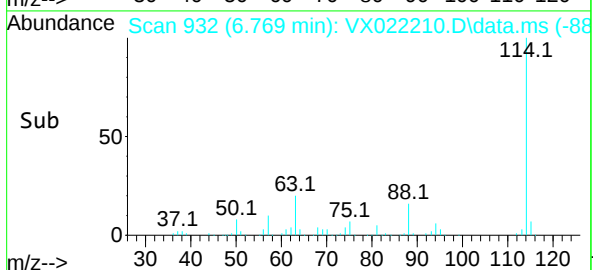
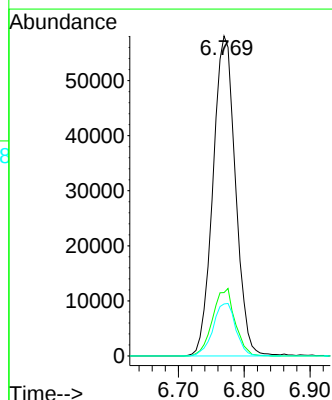
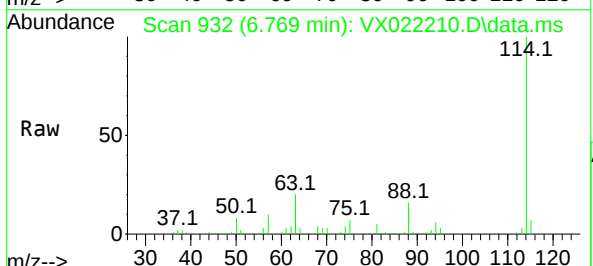
Tgt Ion: 65 Resp: 54807
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

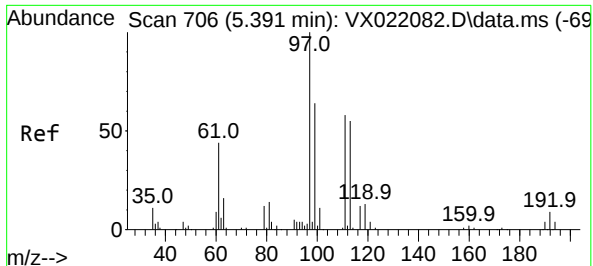


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022210.D
Acq: 26 May 2021 20:14

Tgt Ion: 114 Resp: 138418
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.57 ug/l

RT: 5.391 min Scan# 706

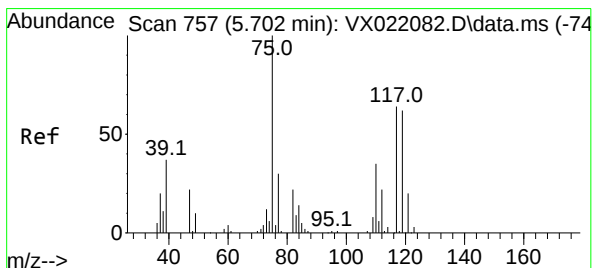
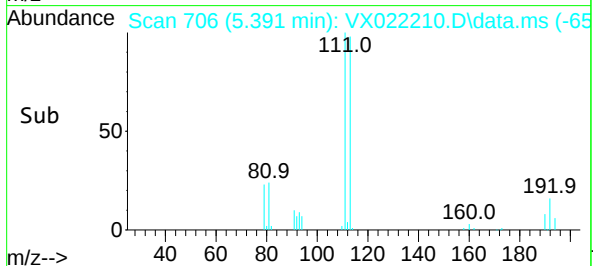
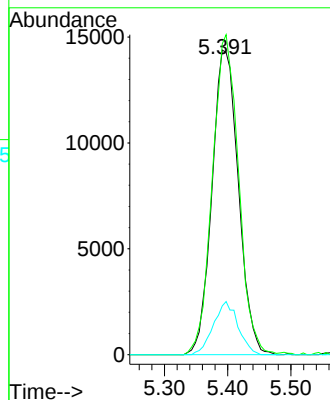
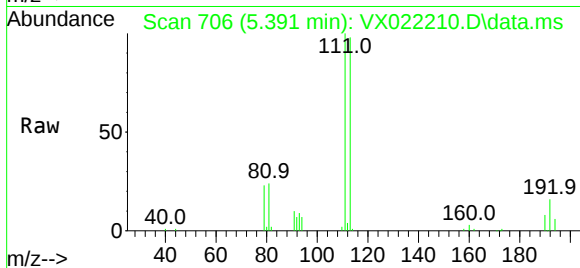
Delta R.T. 0.000 min

Lab File: VX022210.D

Acq: 26 May 2021 20:14

Tgt Ion:	113	Resp:	41757
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	16.2	16.7	25.1#

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#36

1,1-Dichloropropene

Concen: 4.93 ug/l

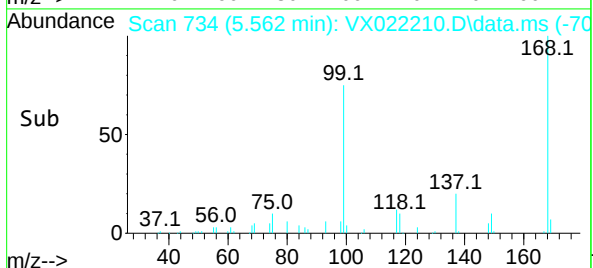
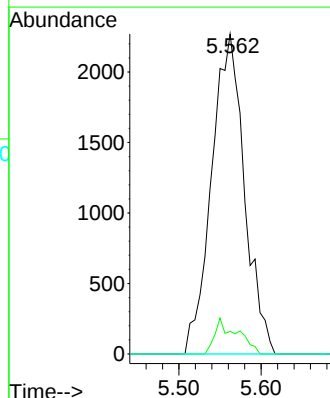
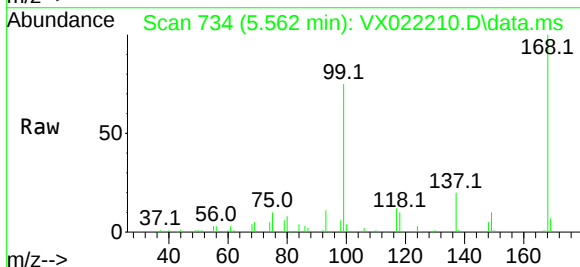
RT: 5.562 min Scan# 734

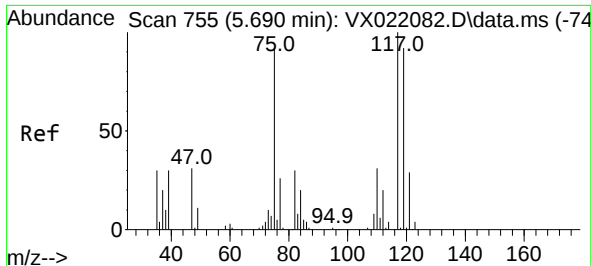
Delta R.T. -0.140 min

Lab File: VX022210.D

Acq: 26 May 2021 20:14

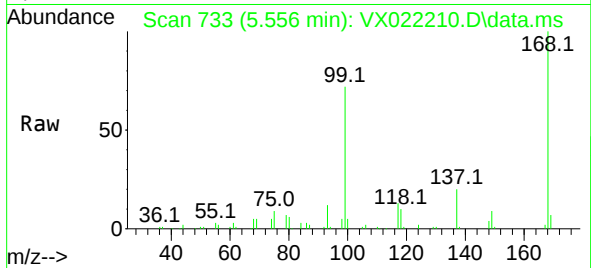
Tgt Ion:	75	Resp:	6313
Ion	Ratio	Lower	Upper
75	100		
110	7.6	18.1	54.4#
77	0.0	25.3	37.9#



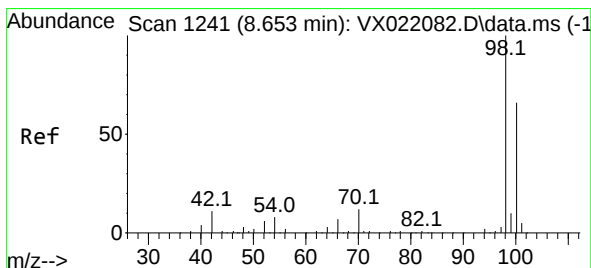
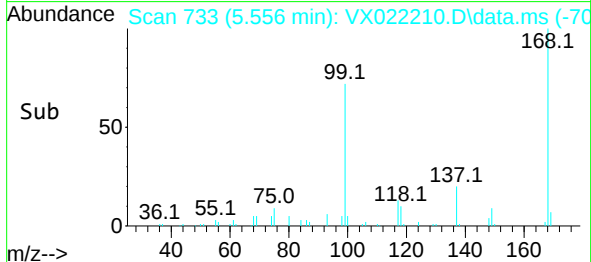
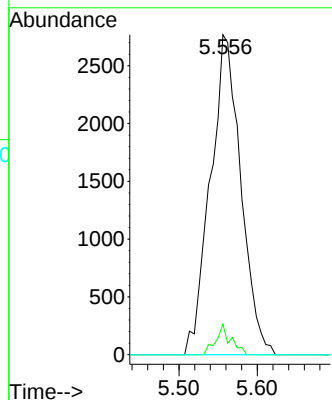


#38
Carbon Tetrachloride
Concen: 5.98 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022210.D
Acq: 26 May 2021 20:14

Instrument :
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ClientSampleId :
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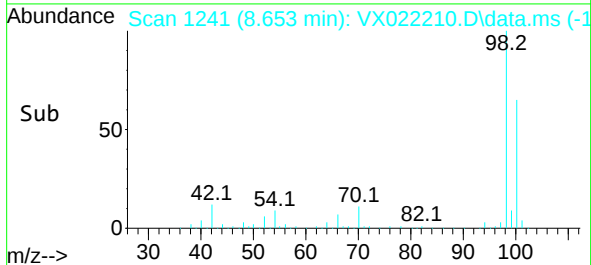
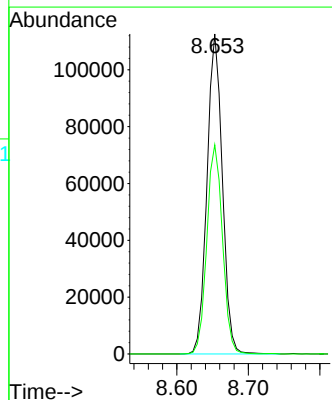
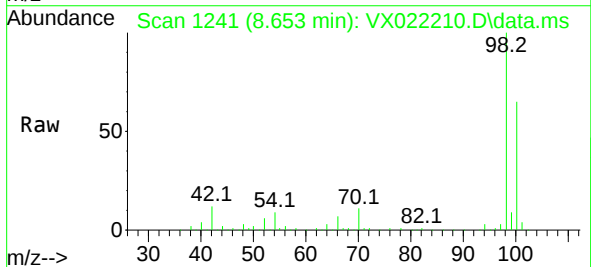


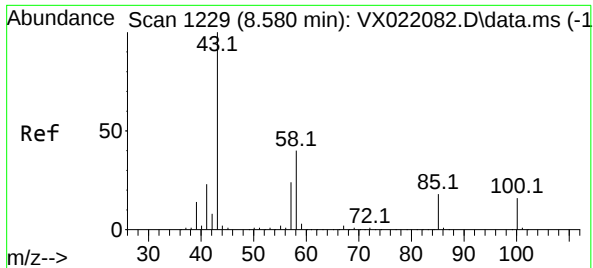
Tgt Ion:117 Resp: 7486
Ion Ratio Lower Upper
117 100
119 9.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.62 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022210.D
Acq: 26 May 2021 20:14

Tgt Ion: 98 Resp: 167789
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9

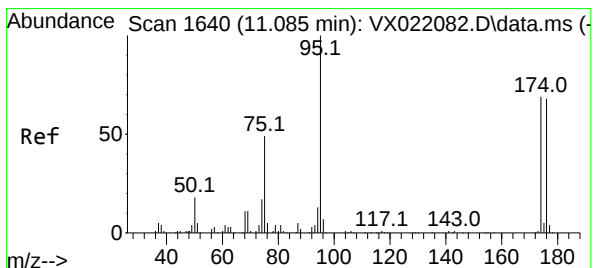
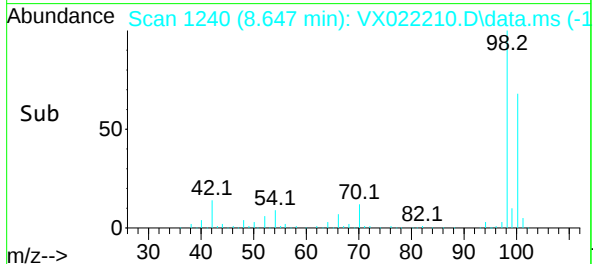
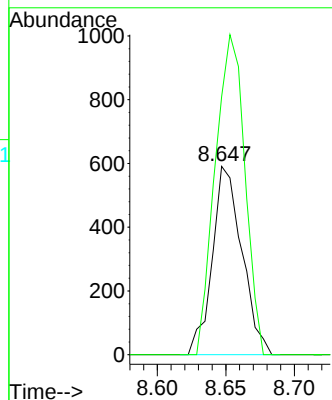
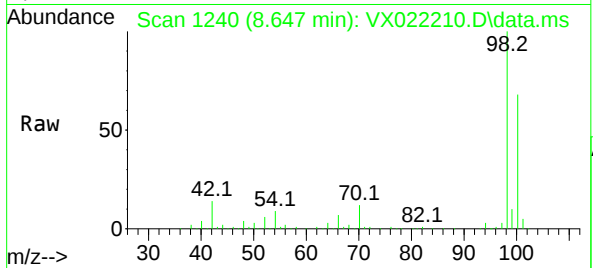




#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022210.D
Acq: 26 May 2021 20:14

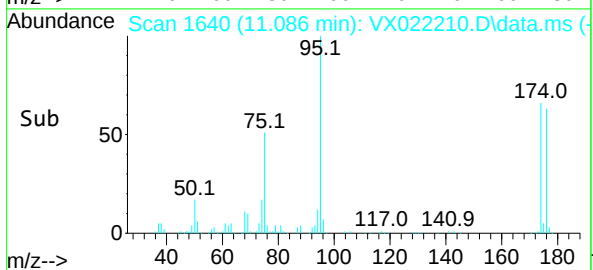
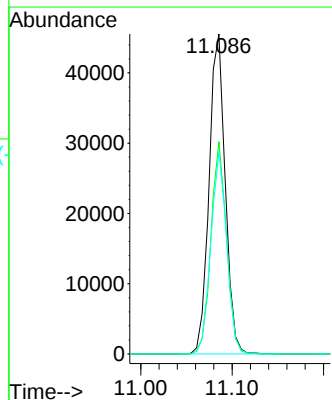
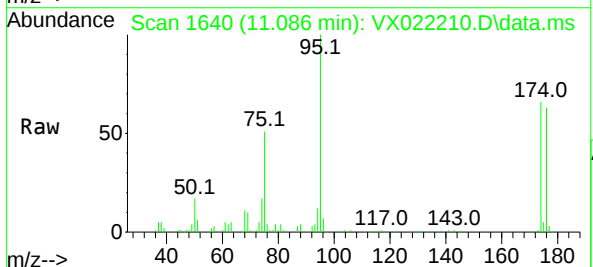
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210525

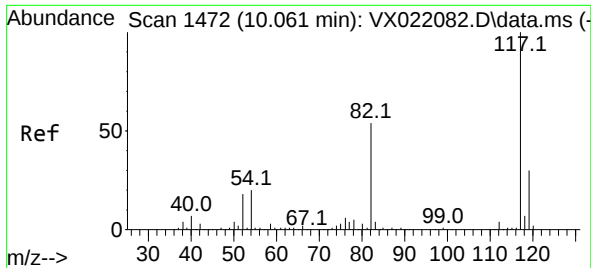
Tgt Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
58 170.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 44.56 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX022210.D
Acq: 26 May 2021 20:14

Tgt Ion: 95 Resp: 55691
Ion Ratio Lower Upper
95 100
174 64.0 0.0 154.6
176 62.0 0.0 155.8

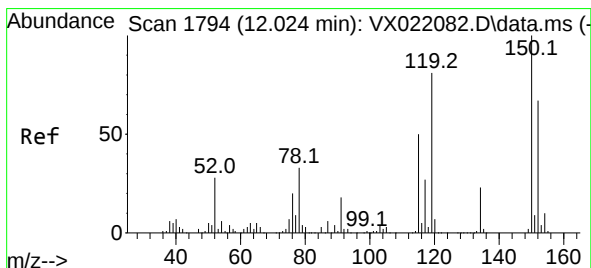
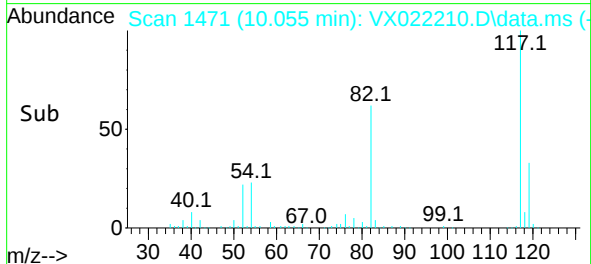
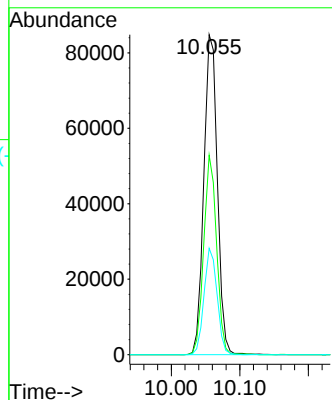
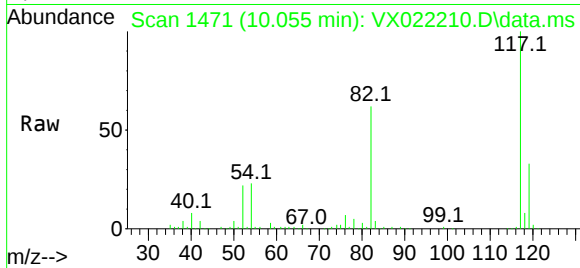




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022210.D
Acq: 26 May 2021 20:14

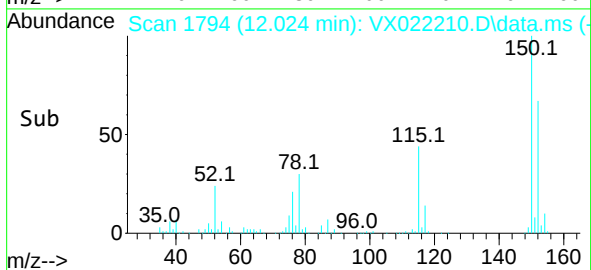
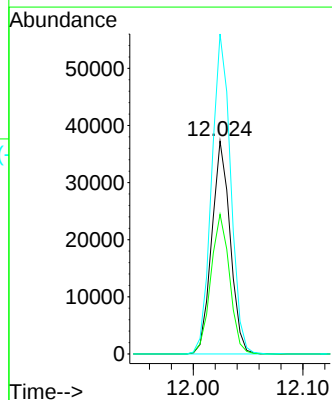
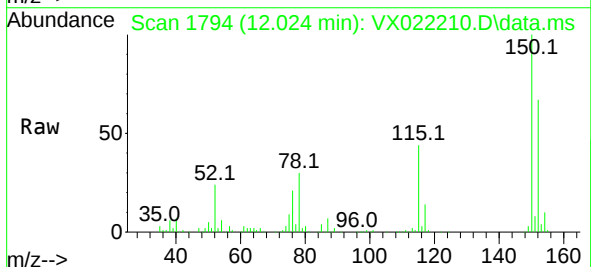
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210525

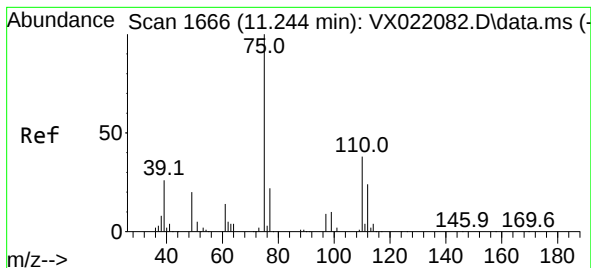
Tgt Ion:117 Resp: 116829
Ion Ratio Lower Upper
117 100
82 62.3 47.4 71.2
119 33.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022210.D
Acq: 26 May 2021 20:14

Tgt Ion:152 Resp: 43498
Ion Ratio Lower Upper
152 100
115 66.9 41.1 123.3
150 155.0 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 27.44 ug/l

RT: 11.086 min Scan# 1640

Delta R.T. -0.158 min

Lab File: VX022210.D

Acq: 26 May 2021 20:14

Tgt Ion: 75 Resp: 29442

Ion Ratio Lower Upper

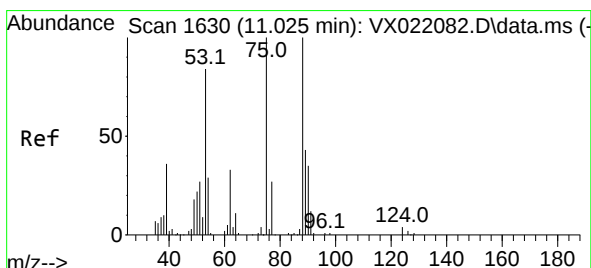
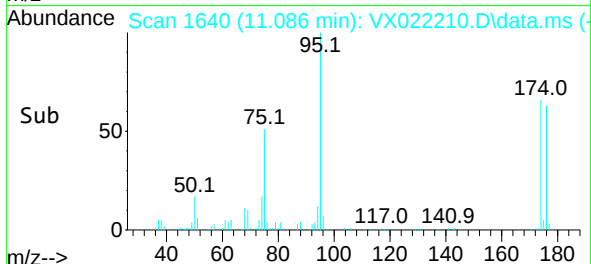
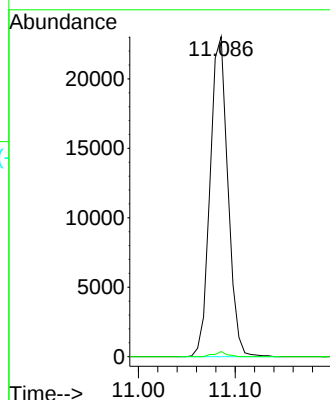
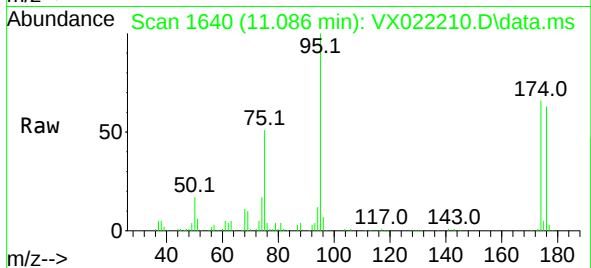
75 100
77 1.1 19.1 57.5#

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20210525



#81

trans-1,4-Dichloro-2-butene

Concen: 65.01 ug/l

RT: 11.086 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX022210.D

Acq: 26 May 2021 20:14

Tgt Ion: 75 Resp: 29442

Ion Ratio Lower Upper

75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

