

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021945.D
 Acq On : 12 May 2021 23:10
 Operator : JC/MD
 Sample : M2352-03 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-3

Quant Time: May 13 06:28:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 13 06:11:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

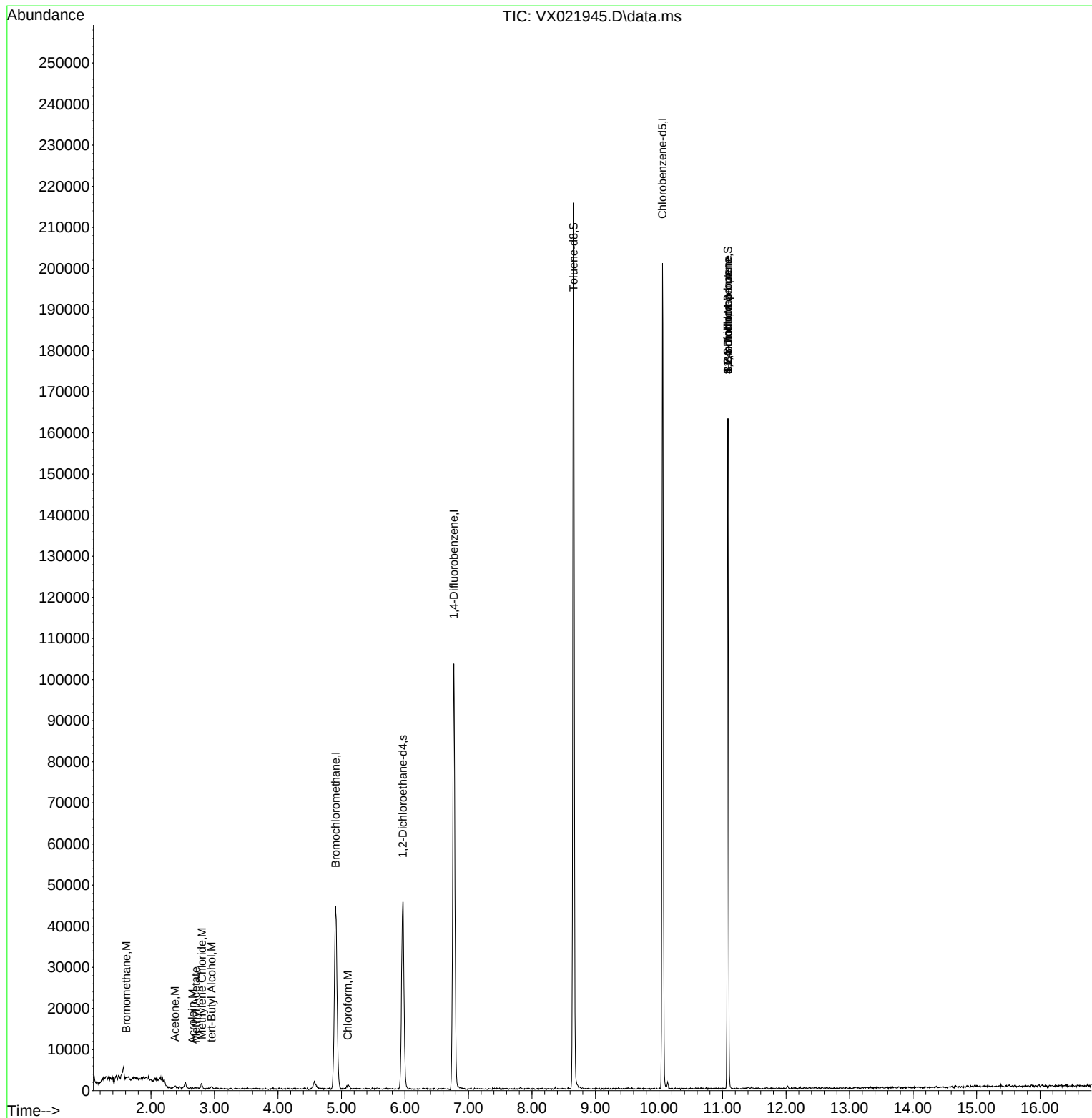
Internal Standards						
1) Bromochloromethane	4.909	128	17963	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	105016	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	90798	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	42034	30.38	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.27%
60) 4-Bromofluorobenzene	11.085	95	44050	29.23	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.43%
63) Toluene-d8	8.652	98	126002	30.37	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.23%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	168	0.23	ug/l #	41
12) Methyl Acetate	2.702	43	355	0.24	ug/l #	52
13) Acrolein	2.654	56	52	0.23	ug/l	92
15) Acetone	2.379	58	135	0.75	ug/l #	12
18) Methylene Chloride	2.800	84	603	0.48	ug/l #	71
23) tert-Butyl Alcohol	2.952	59	276	0.94	ug/l #	100
25) Chloroform	5.098	83	1425	0.66	ug/l	91
56) Bromoform	11.085	173	281	0.36	ug/l #	1
72) 1,2,3-Trichloropropane	11.085	75	22333	13.78	ug/l	63
77) t-1,4-Dichloro-2-butene	11.085	75	22333	34.00	ug/l #	17

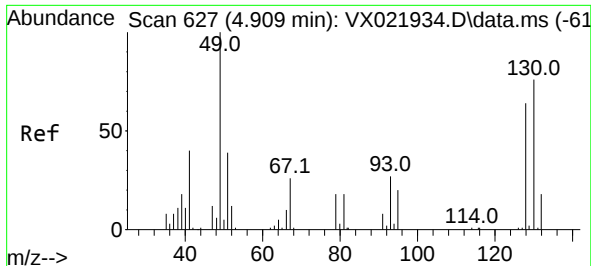
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
Data File : VX021945.D
Acq On : 12 May 2021 23:10
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
14B-3

Quant Time: May 13 06:28:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 13 06:11:35 2021
Response via : Initial Calibration

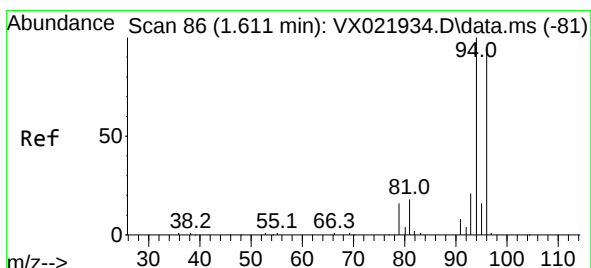
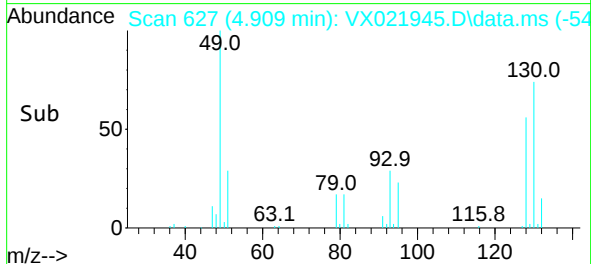
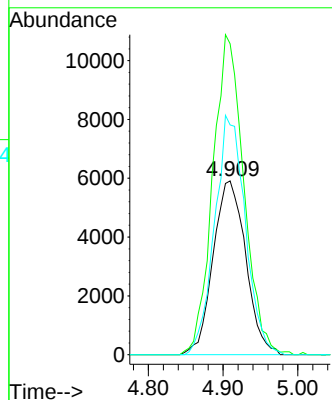
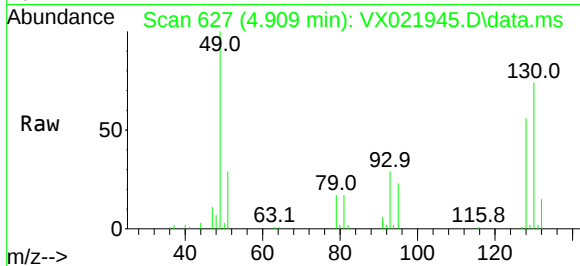




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.909 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX021945.D
Acq: 12 May 2021 23:10

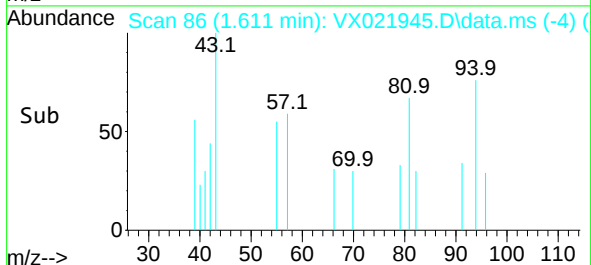
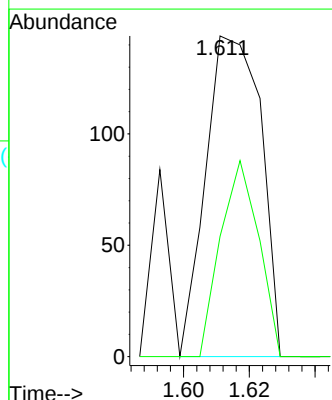
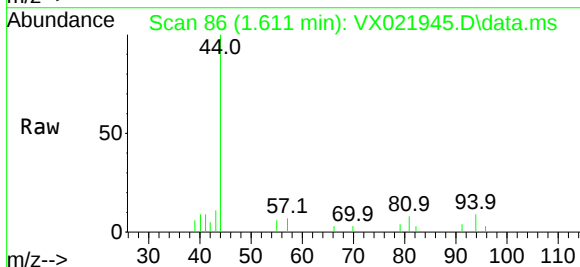
Instrument :
MSVOA_X
ClientSampled :
14B-3

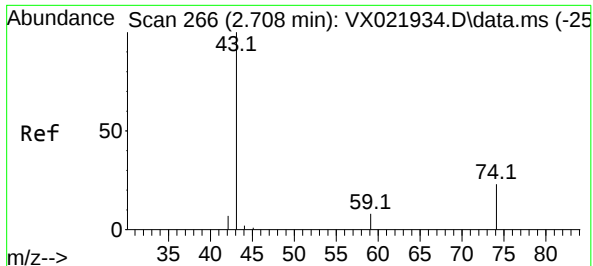
Tgt Ion:128 Resp: 17963
Ion Ratio Lower Upper
128 100
49 174.3 0.0 442.5
130 129.4 0.0 323.3



#5
Bromomethane
Concen: 0.23 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX021945.D
Acq: 12 May 2021 23:10

Tgt Ion: 94 Resp: 168
Ion Ratio Lower Upper
94 100
96 37.5 76.1 114.1#

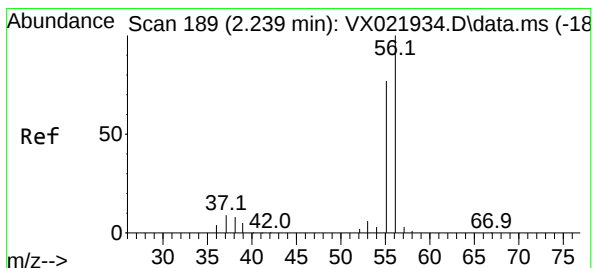
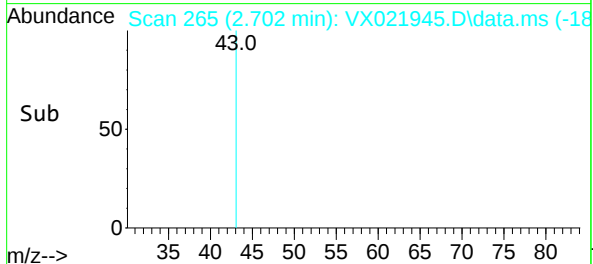
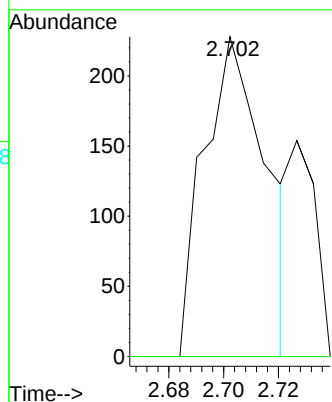
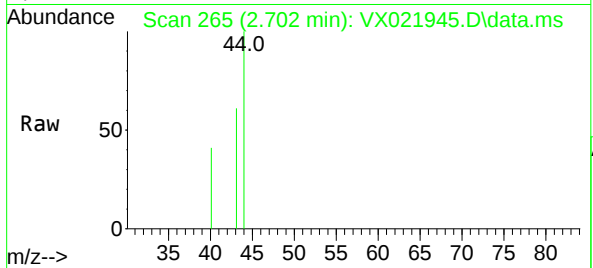




#12
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX021945.D
Acq: 12 May 2021 23:10

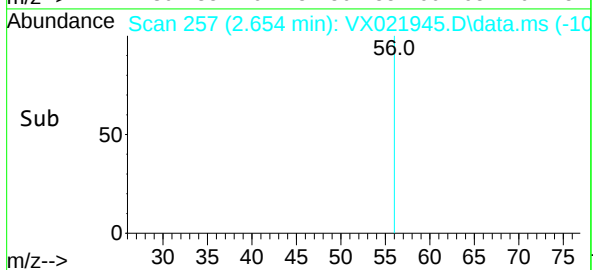
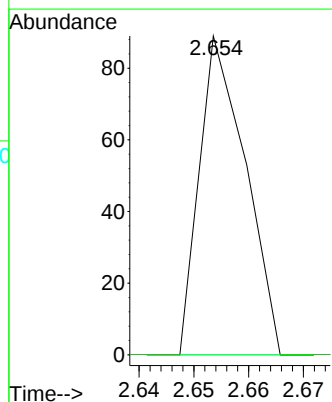
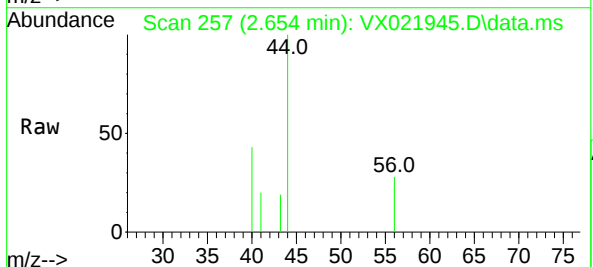
Instrument :
MSVOA_X
ClientSampleId :
14B-3

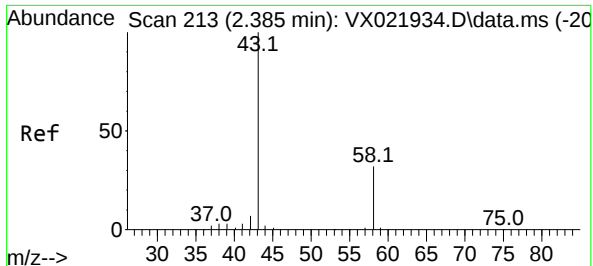
Tgt Ion: 43 Resp: 355
Ion Ratio Lower Upper
43 100
74 0.0 18.5 27.7#



#13
Acrolein
Concen: 0.23 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.415 min
Lab File: VX021945.D
Acq: 12 May 2021 23:10

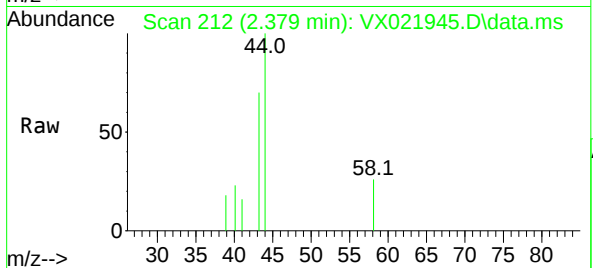
Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 65.4 57.6 86.4



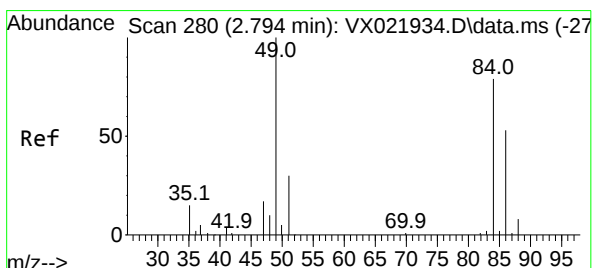
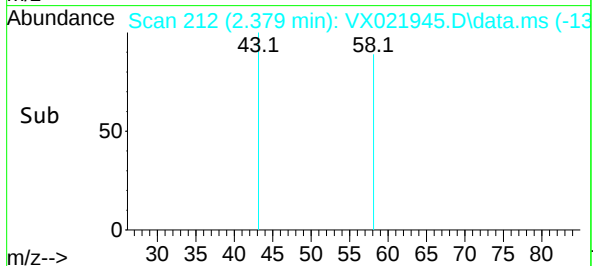
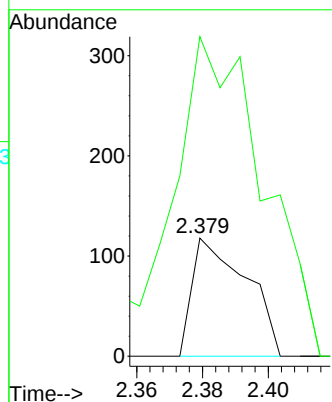


#15
Acetone
Concen: 0.75 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX021945.D
Acq: 12 May 2021 23:10

Instrument :
MSVOA_X
ClientSampled :
14B-3

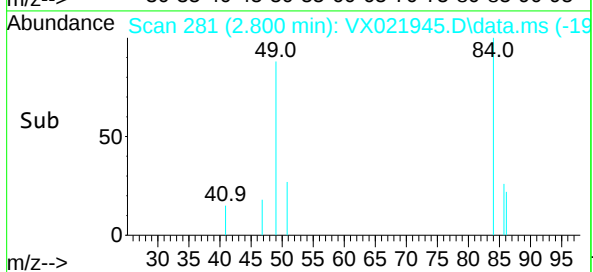
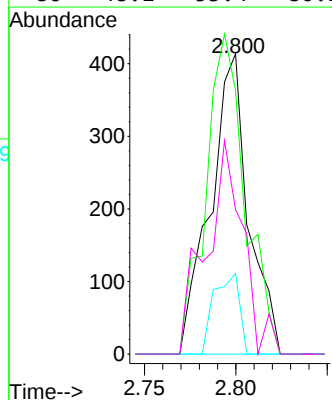
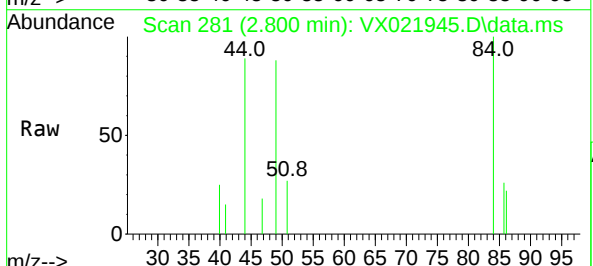


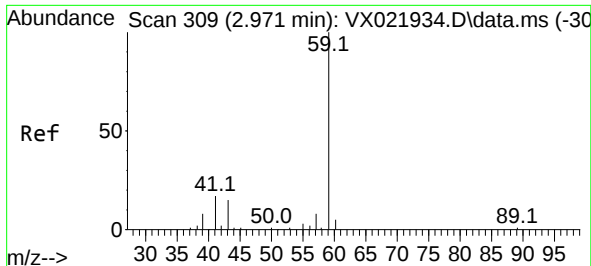
Tgt Ion: 58 Resp: 135
Ion Ratio Lower Upper
58 100
43 133.9 249.5 374.3#



#18
Methylene Chloride
Concen: 0.48 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX021945.D
Acq: 12 May 2021 23:10

Tgt Ion: 84 Resp: 603
Ion Ratio Lower Upper
84 100
49 87.7 101.6 152.4#
51 26.8 30.5 45.7#
86 48.1 53.4 80.2#

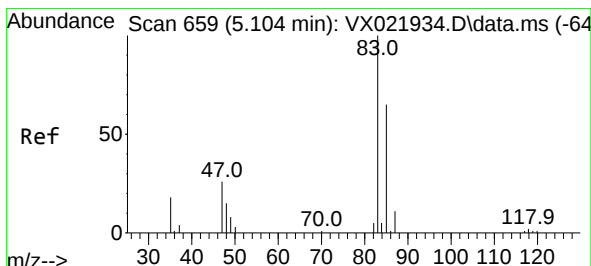
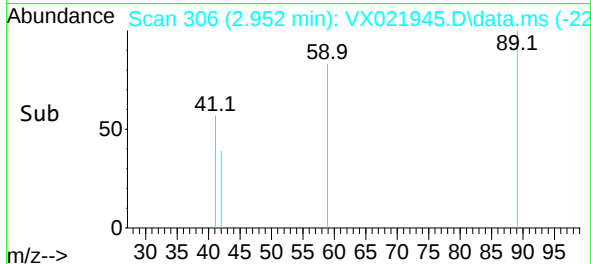
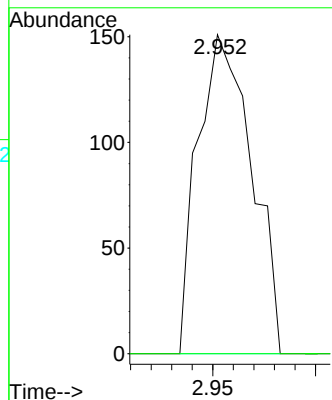
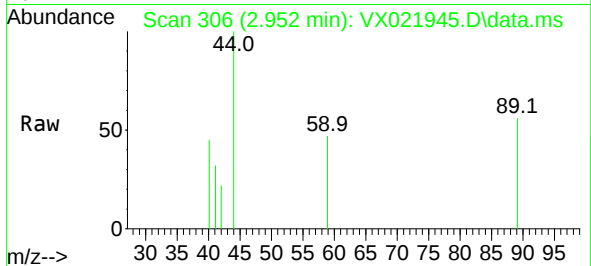




#23
tert-Butyl Alcohol
Concen: 0.94 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.019 min
Lab File: VX021945.D
Acq: 12 May 2021 23:10

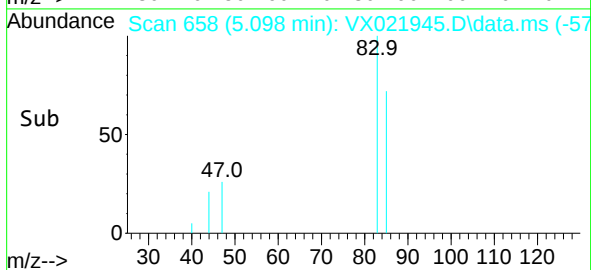
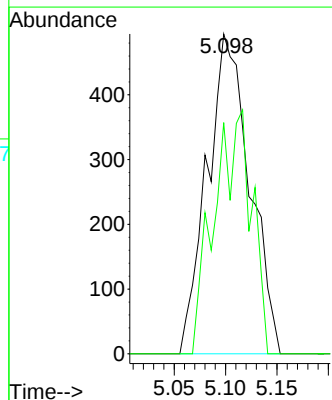
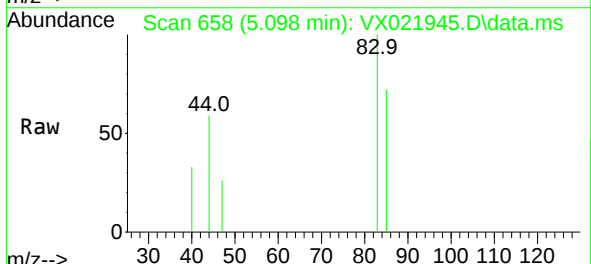
Instrument :
MSVOA_X
ClientSampleId :
14B-3

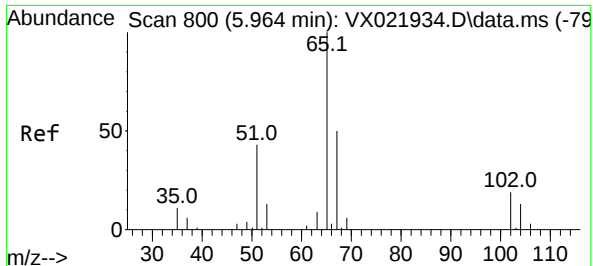
Tgt Ion: 59 Resp: 276
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#25
Chloroform
Concen: 0.66 ug/l
RT: 5.098 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX021945.D
Acq: 12 May 2021 23:10

Tgt Ion: 83 Resp: 1425
Ion Ratio Lower Upper
83 100
85 72.3 51.9 77.9





#27

1,2-Dichloroethane-d4

Concen: 30.38 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX021945.D

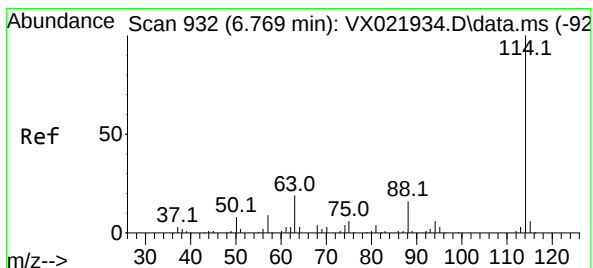
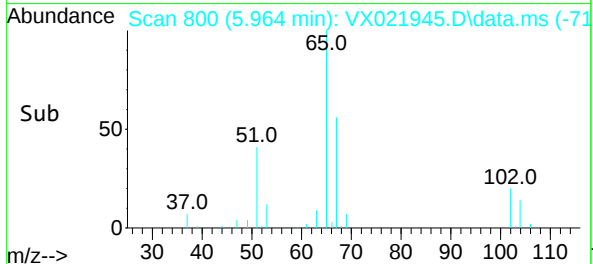
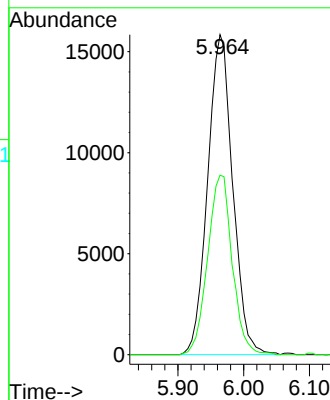
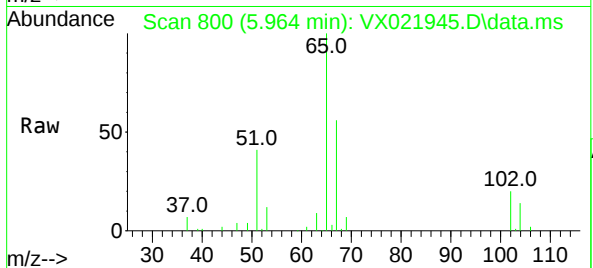
Acq: 12 May 2021 23:10

Tgt Ion: 65 Resp: 42034

Ion Ratio Lower Upper

65 100

67 55.0 41.5 62.3



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX021945.D

Acq: 12 May 2021 23:10

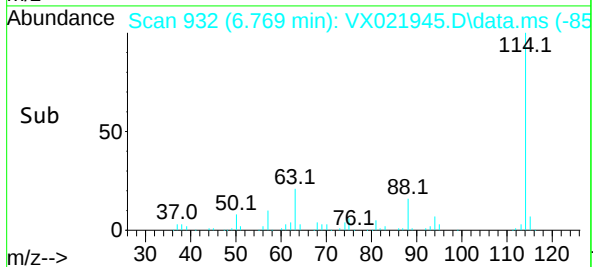
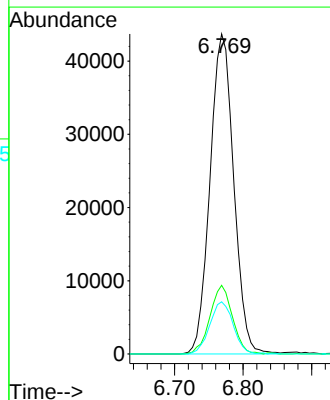
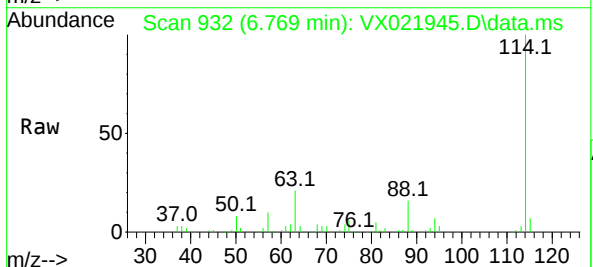
Tgt Ion: 114 Resp: 105016

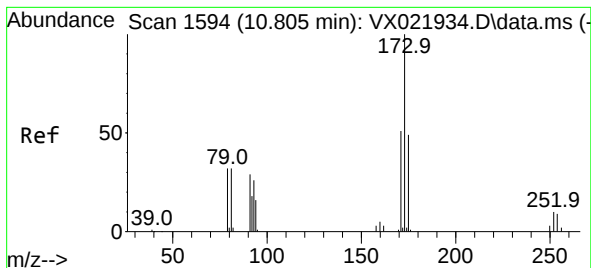
Ion Ratio Lower Upper

114 100

63 20.3 16.6 25.0

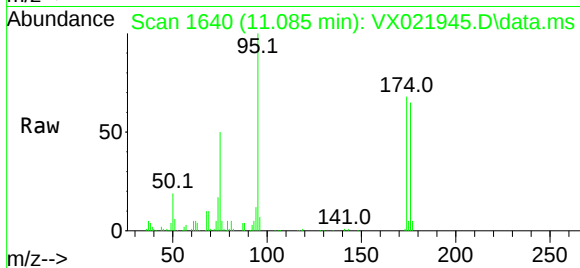
88 16.1 13.1 19.7



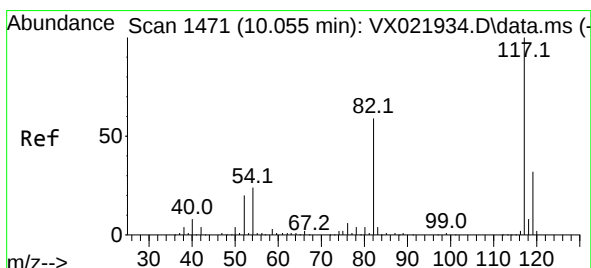
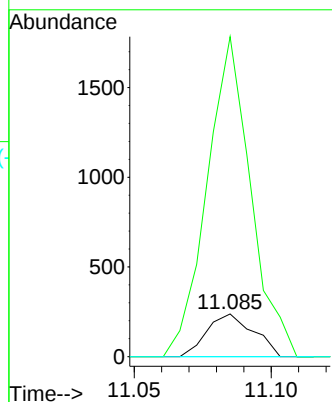
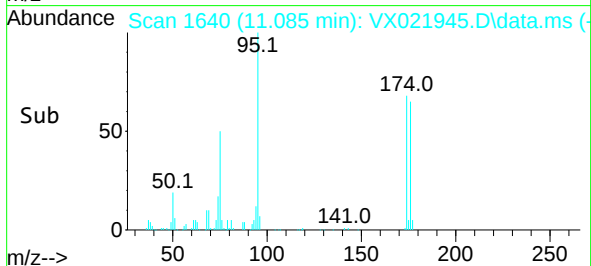


#56
Bromoform
Concen: 0.36 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.280 min
Lab File: VX021945.D
Acq: 12 May 2021 23:10

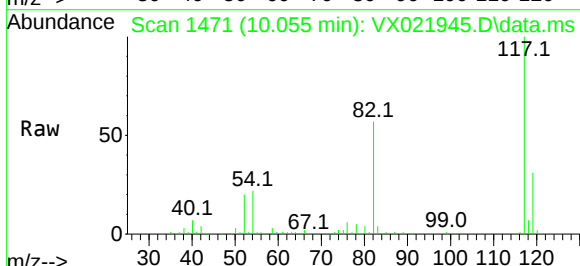
Instrument :
MSVOA_X
ClientSampled :
14B-3



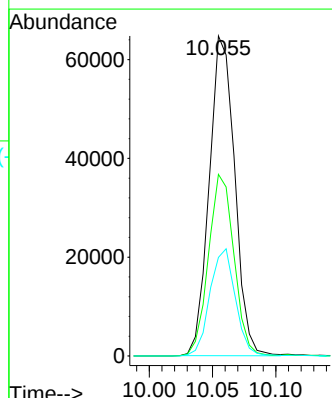
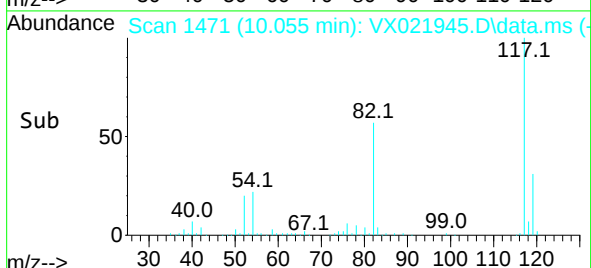
Tgt Ion:173 Resp: 281
Ion Ratio Lower Upper
173 100
175 704.6 39.4 59.2#
254 0.0 8.0 12.0#

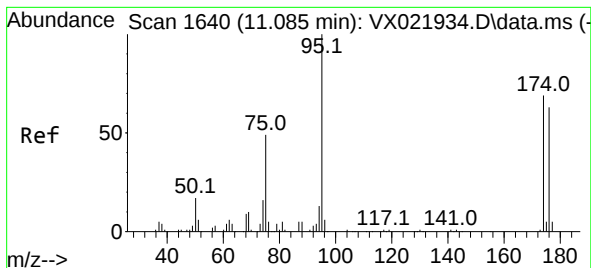


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX021945.D
Acq: 12 May 2021 23:10



Tgt Ion:117 Resp: 90798
Ion Ratio Lower Upper
117 100
82 56.8 44.9 67.3
119 33.5 25.0 37.6

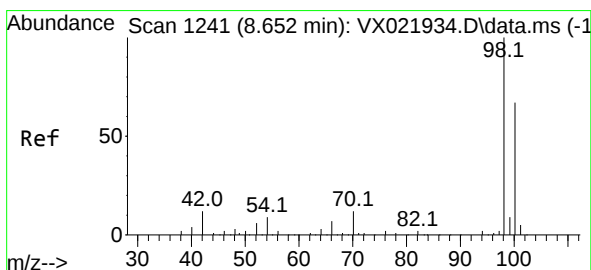
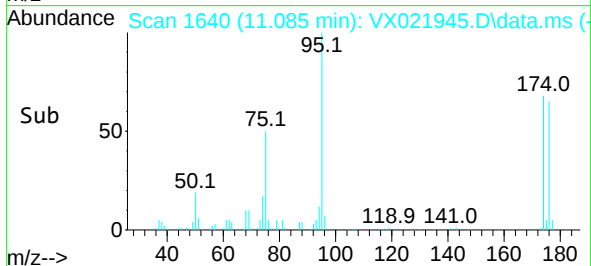
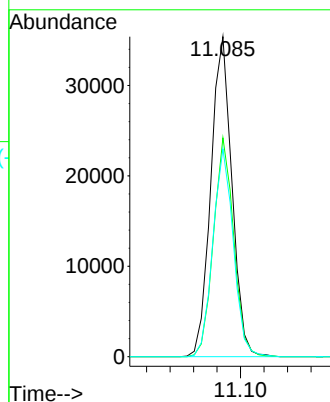
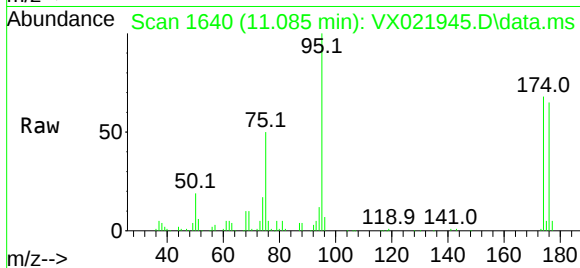




#60
4-Bromofluorobenzene
Concen: 29.23 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX021945.D
Acq: 12 May 2021 23:10

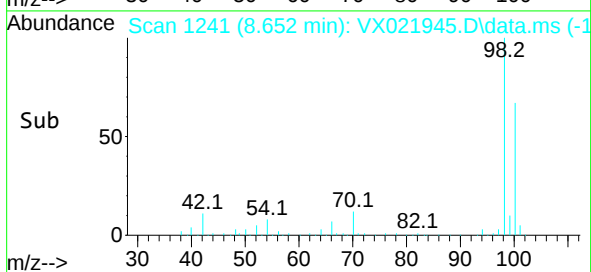
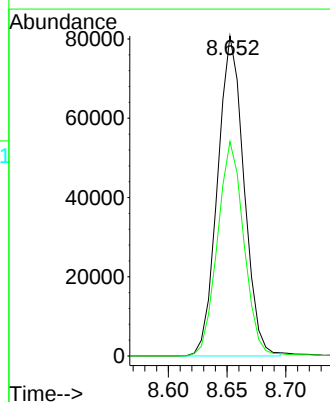
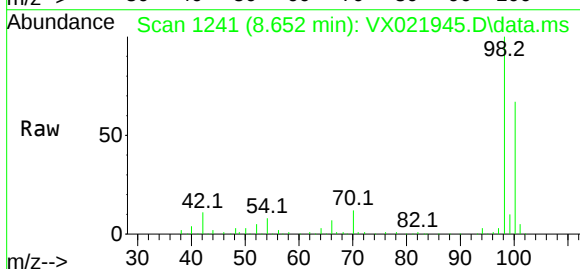
Instrument :
MSVOA_X
ClientSampleId :
14B-3

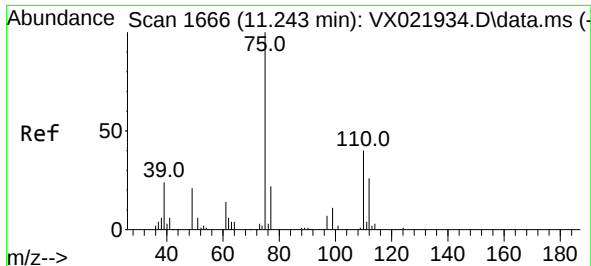
Tgt Ion: 95 Resp: 44050
Ion Ratio Lower Upper
95 100
174 65.6 52.2 78.2
176 63.2 49.3 73.9



#63
Toluene-d8
Concen: 30.37 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX021945.D
Acq: 12 May 2021 23:10

Tgt Ion: 98 Resp: 126002
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8

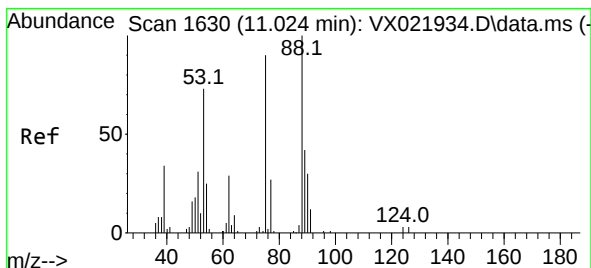
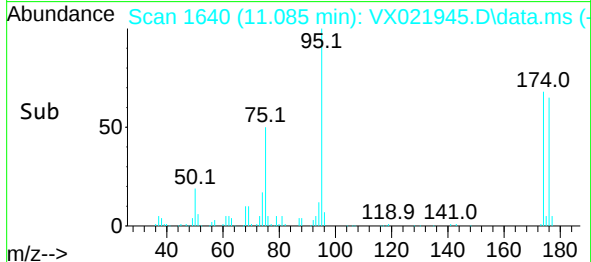
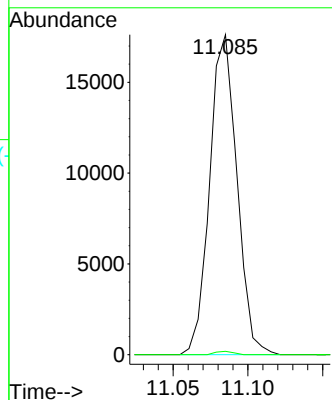
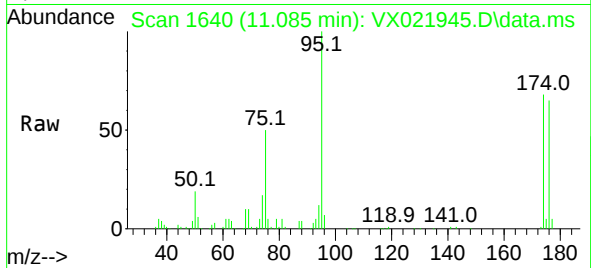




#72
1,2,3-Trichloropropane
Concen: 13.78 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX021945.D
Acq: 12 May 2021 23:10

Instrument :
MSVOA_X
ClientSampled :
14B-3

Tgt Ion: 75 Resp: 22333
Ion Ratio Lower Upper
75 100
77 0.7 0.0 33.0



#77
t-1,4-Dichloro-2-butene
Concen: 34.00 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX021945.D
Acq: 12 May 2021 23:10

Tgt Ion: 75 Resp: 22333
Ion Ratio Lower Upper
75 100
53 0.0 40.2 120.6#
89 0.0 23.4 70.0#

