

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031221\
 Data File : VX021180.D
 Acq On : 12 Mar 2021 13:59
 Operator : JC/MD
 Sample : VX0312WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBL01

Quant Time: Mar 13 01:05:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 12 12:55:27 2021
 Response via : Initial Calibration

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

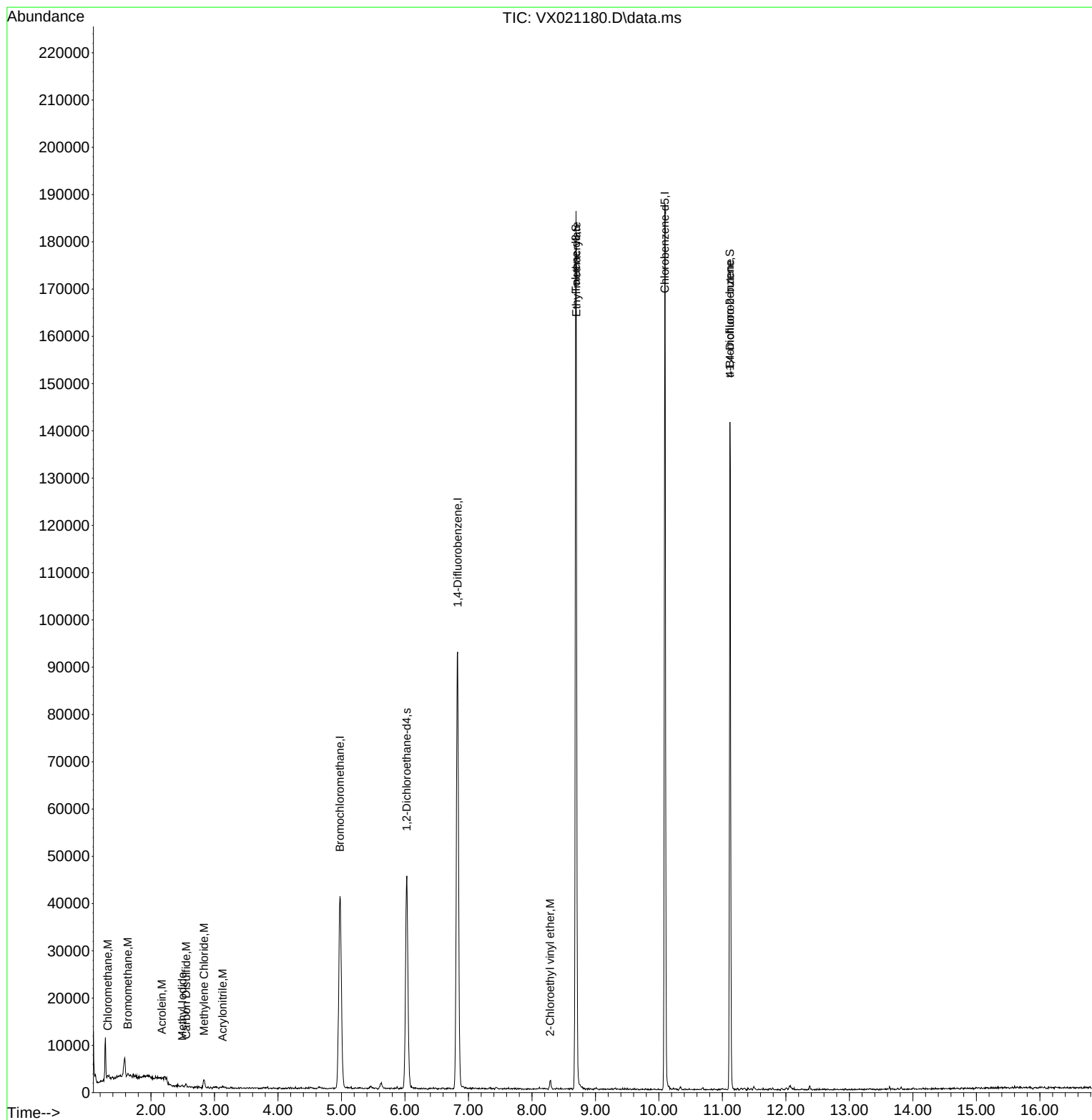
Internal Standards						
1) Bromochloromethane	4.976	128	15666	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.829	114	86640	30.00	ug/l	# 0.00
57) Chlorobenzene-d5	10.094	117	72944	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.029	65	44132	30.61	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.03%
60) 4-Bromofluorobenzene	11.118	95	36069	27.04	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.13%
63) Toluene-d8	8.694	98	104270	31.51	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.03%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	358	0.33	ug/l	89
5) Bromomethane	1.634	94	427	0.67	ug/l #	79
11) Methyl Iodide	2.493	142	313	0.27	ug/l #	73
13) Acrolein	2.170	56	73	0.39	ug/l	88
14) Acrylonitrile	3.129	53	141	0.26	ug/l	74
16) Carbon Disulfide	2.552	76	932	0.37	ug/l #	88
18) Methylene Chloride	2.834	84	655	0.62	ug/l #	80
51) Ethyl methacrylate	8.700	69	490	0.29	ug/l #	40
55) 2-Chloroethyl vinyl ether	8.288	63	694	0.78	ug/l	99
77) t-1,4-Dichloro-2-butene	11.118	75	20886	44.45	ug/l #	11

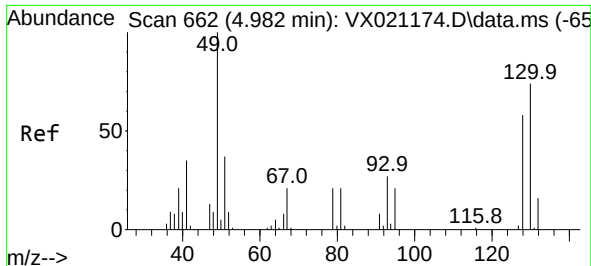
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031221\
Data File : VX021180.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL01

Quant Time: Mar 13 01:05:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 12 12:55:27 2021
Response via : Initial Calibration

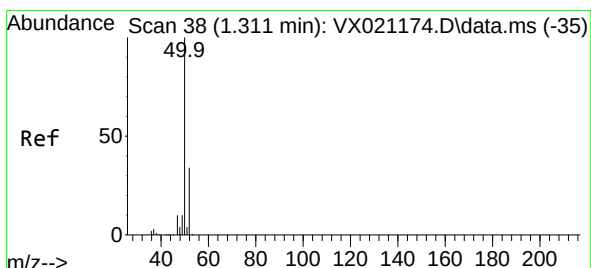
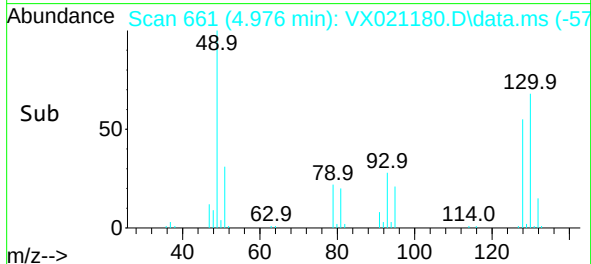
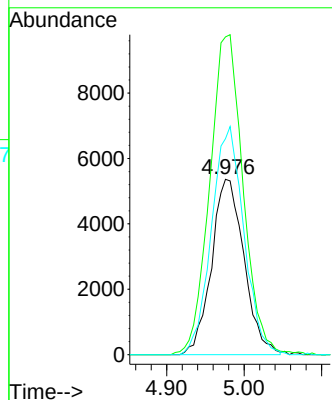
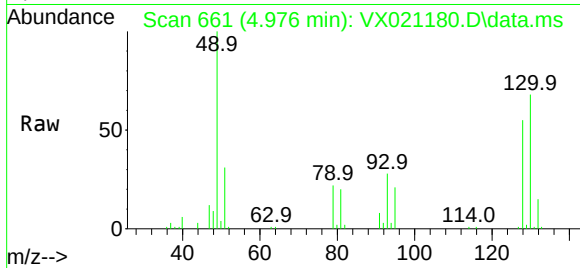




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.976 min Scan# 661
Delta R.T. -0.006 min
Lab File: VX021180.D
Acq: 12 Mar 2021 13:59

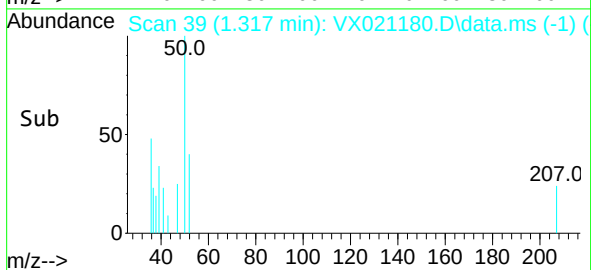
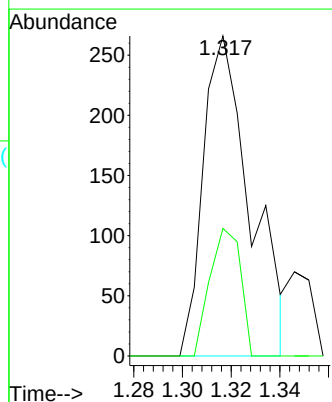
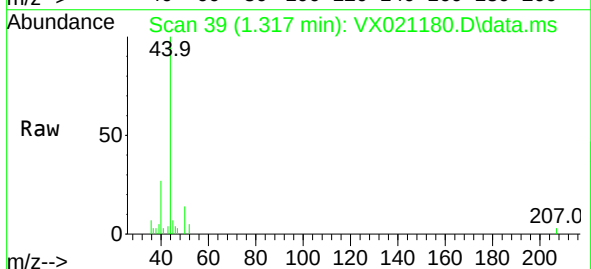
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL01

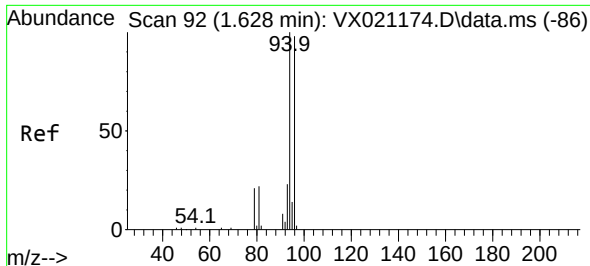
Tgt Ion:128 Resp: 15666
Ion Ratio Lower Upper
128 100
49 186.5 0.0 367.5
130 129.7 0.0 318.8



#3
Chloromethane
Concen: 0.33 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021180.D
Acq: 12 Mar 2021 13:59

Tgt Ion: 50 Resp: 358
Ion Ratio Lower Upper
50 100
52 39.8 26.9 40.3

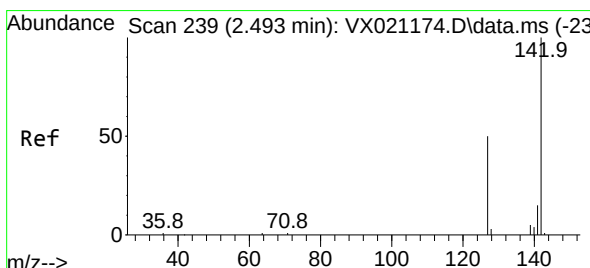
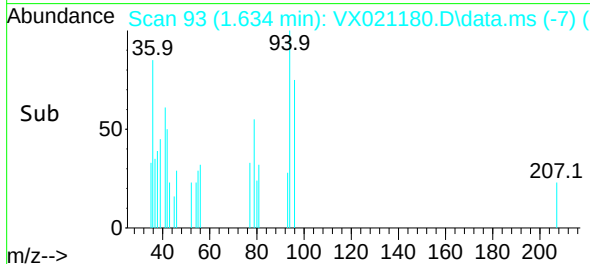
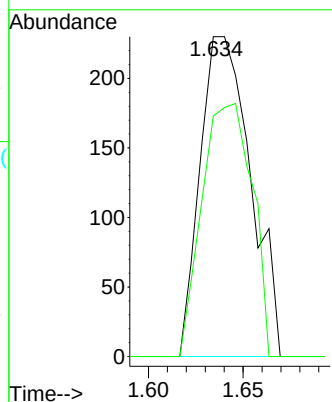
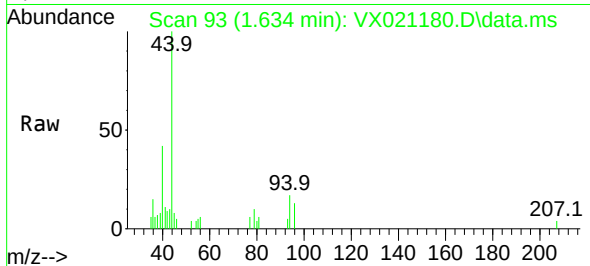




#5
Bromomethane
Concen: 0.67 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.006 min
Lab File: VX021180.D
Acq: 12 Mar 2021 13:59

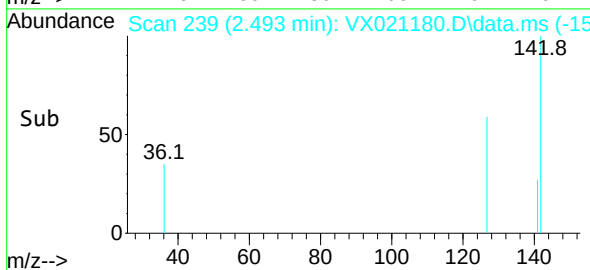
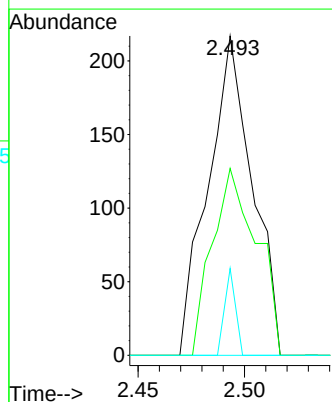
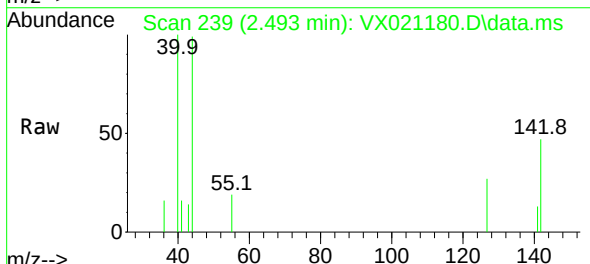
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL01

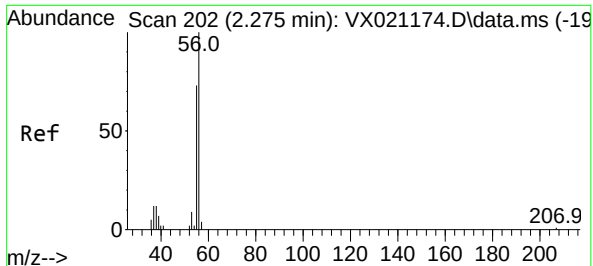
Tgt Ion: 94 Resp: 427
Ion Ratio Lower Upper
94 100
96 75.2 76.6 114.8#



#11
Methyl Iodide
Concen: 0.27 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX021180.D
Acq: 12 Mar 2021 13:59

Tgt Ion: 142 Resp: 313
Ion Ratio Lower Upper
142 100
127 58.5 21.4 64.2
141 27.2 6.5 19.4#

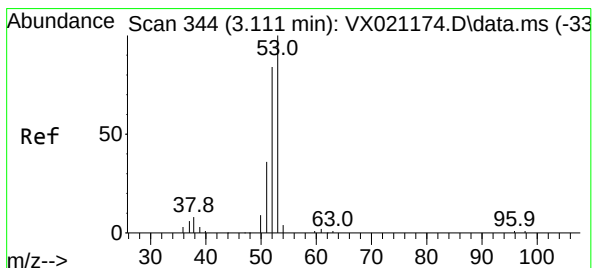
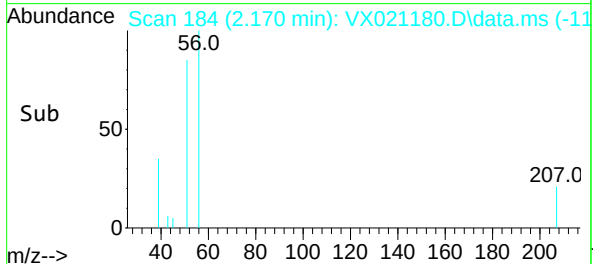
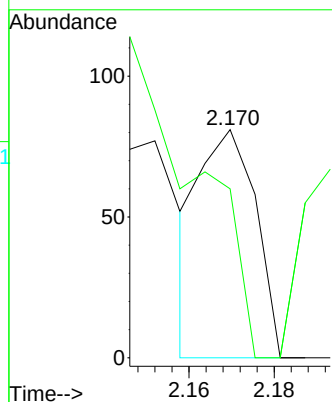
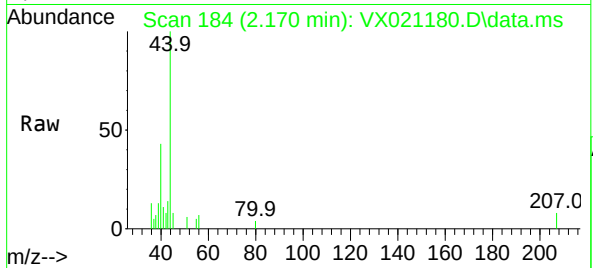




#13
Acrolein
Concen: 0.39 ug/l
RT: 2.170 min Scan# 184
Delta R.T. -0.105 min
Lab File: VX021180.D
Acq: 12 Mar 2021 13:59

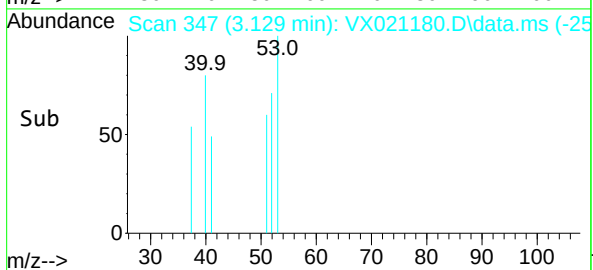
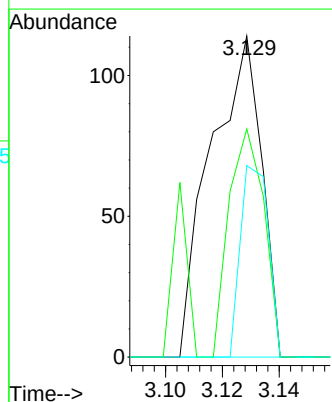
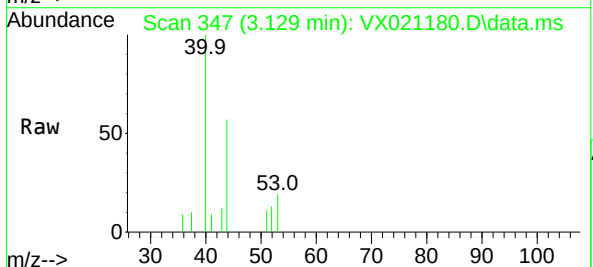
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL01

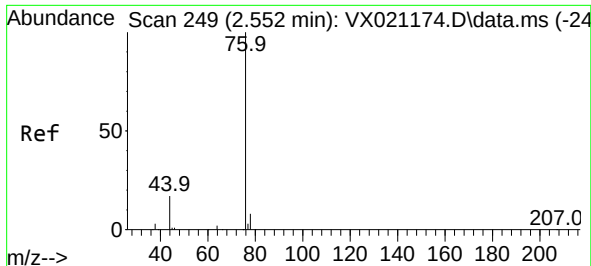
Tgt Ion: 56 Resp: 73
Ion Ratio Lower Upper
56 100
55 60.3 56.3 84.5



#14
Acrylonitrile
Concen: 0.26 ug/l
RT: 3.129 min Scan# 347
Delta R.T. 0.018 min
Lab File: VX021180.D
Acq: 12 Mar 2021 13:59

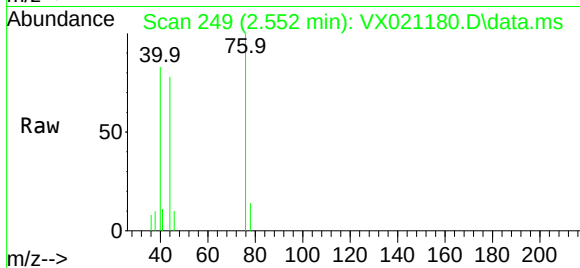
Tgt Ion: 53 Resp: 141
Ion Ratio Lower Upper
53 100
52 49.6 41.1 123.3
51 33.3 17.6 52.9



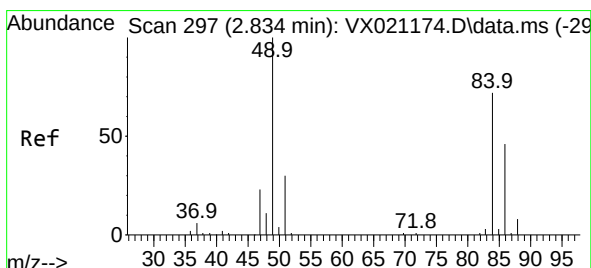
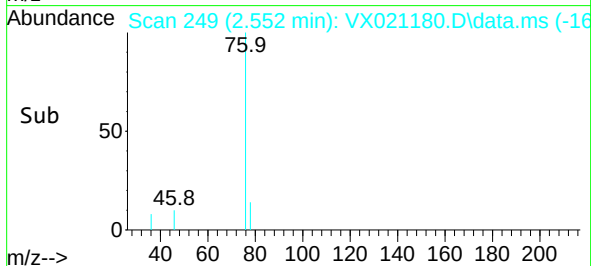
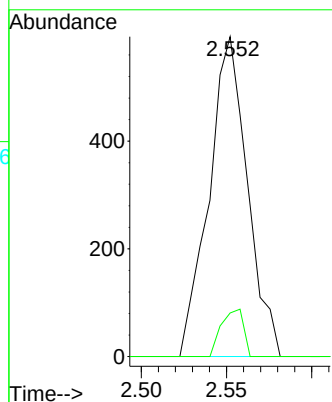


#16
Carbon Disulfide
Concen: 0.37 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021180.D
Acq: 12 Mar 2021 13:59

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL01

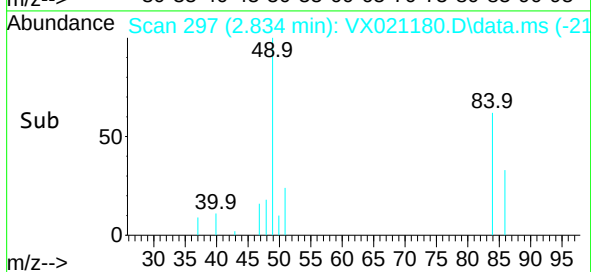
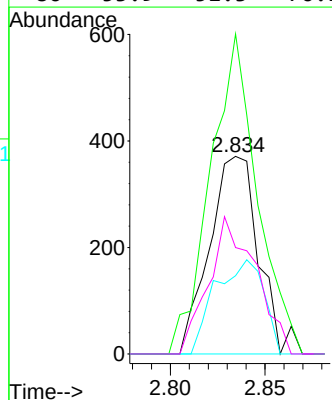
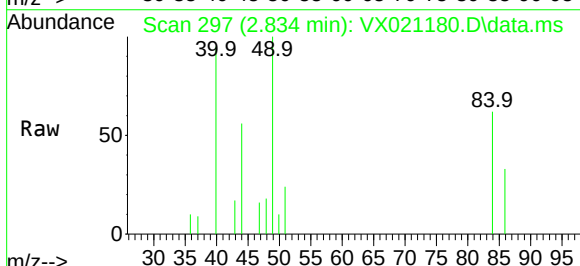


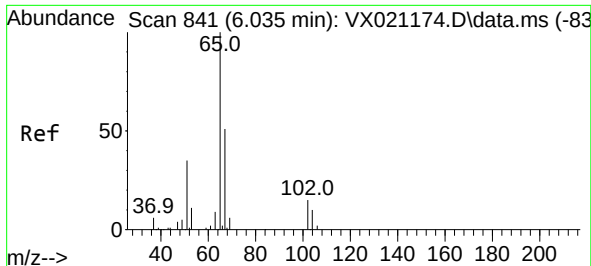
Tgt Ion: 76 Resp: 932
Ion Ratio Lower Upper
76 100
78 13.6 7.4 11.0#



#18
Methylene Chloride
Concen: 0.62 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021180.D
Acq: 12 Mar 2021 13:59

Tgt Ion: 84 Resp: 655
Ion Ratio Lower Upper
84 100
49 142.0 90.6 136.0#
51 39.6 26.3 39.5#
86 53.9 51.3 76.9





#27

1,2-Dichloroethane-d4

Concen: 30.61 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.006 min

Lab File: VX021180.D

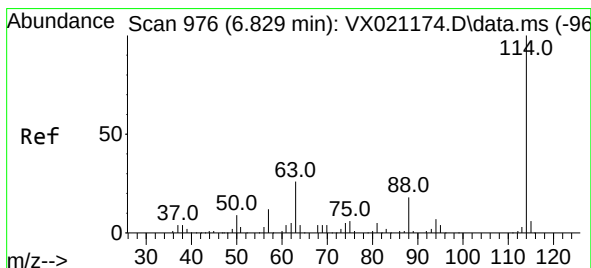
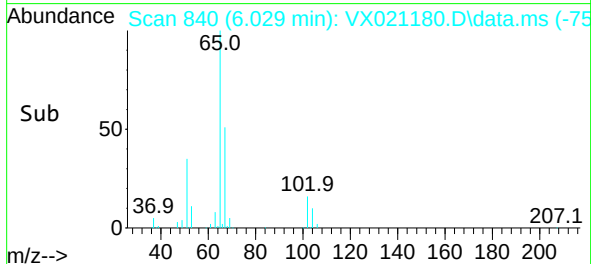
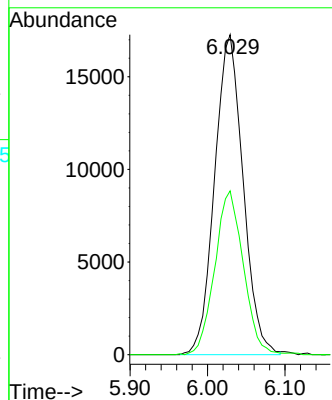
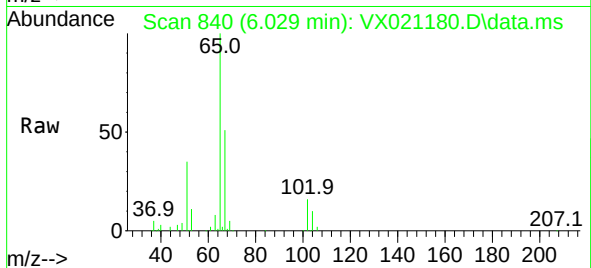
Acq: 12 Mar 2021 13:59

Tgt Ion: 65 Resp: 44132

Ion Ratio Lower Upper

65 100

67 51.3 41.9 62.9



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. 0.000 min

Lab File: VX021180.D

Acq: 12 Mar 2021 13:59

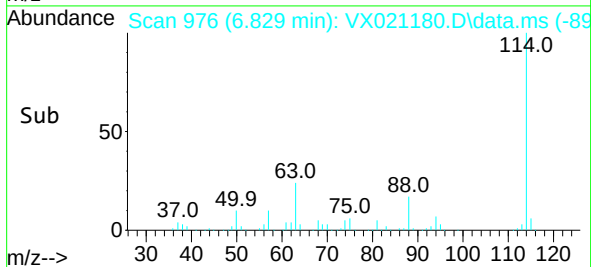
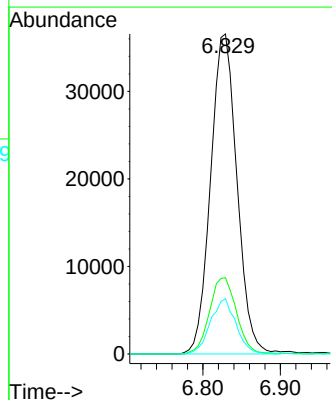
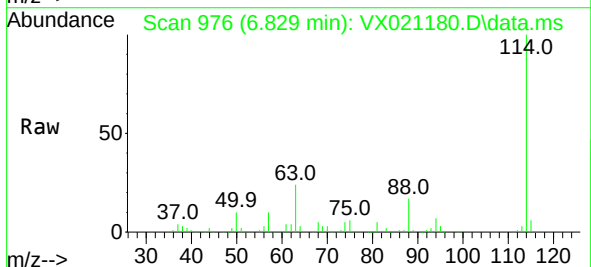
Tgt Ion: 114 Resp: 86640

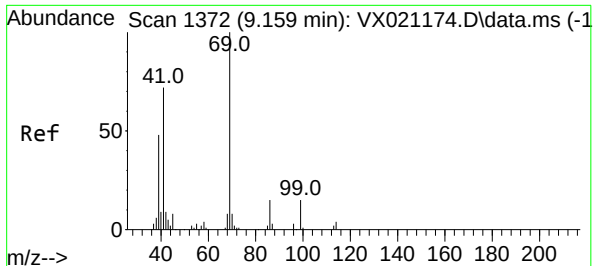
Ion Ratio Lower Upper

114 100

63 24.5 16.2 24.2#

88 16.7 13.0 19.6

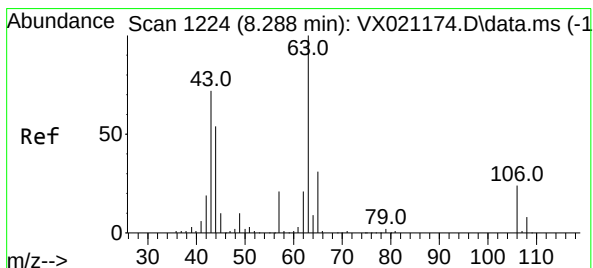
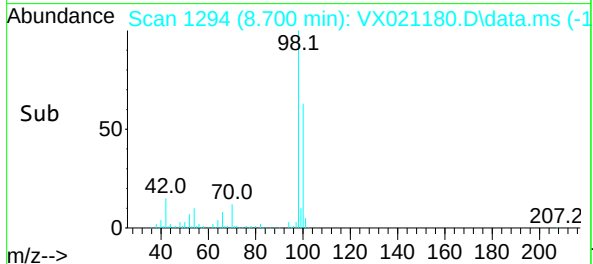
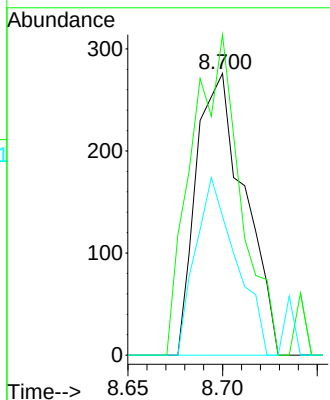
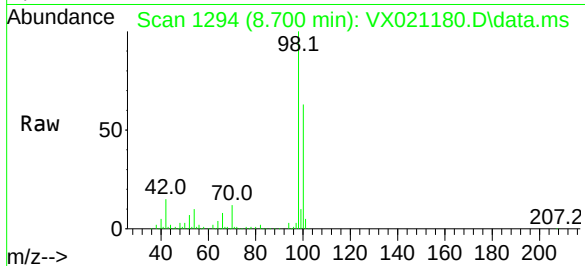




#51
Ethyl methacrylate
Concen: 0.29 ug/l
RT: 8.700 min Scan# 1294
Delta R.T. -0.459 min
Lab File: VX021180.D
Acq: 12 Mar 2021 13:59

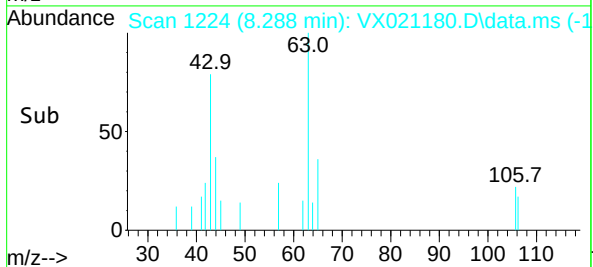
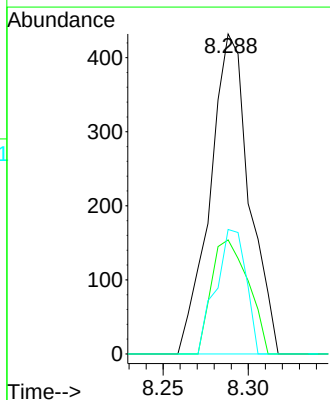
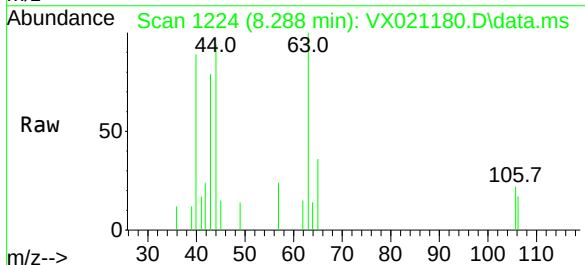
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL01

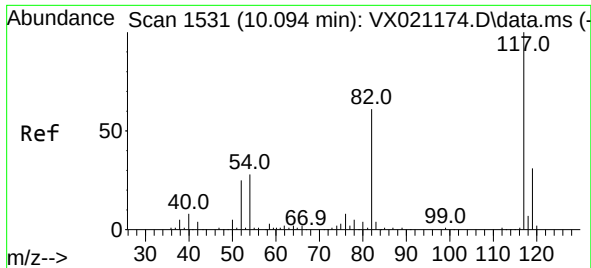
Tgt Ion:	69	Resp:	490
Ion	Ratio	Lower	Upper
69	100		
41	113.8	29.1	87.4#
39	49.3	15.4	46.1#



#55
2-Chloroethyl vinyl ether
Concen: 0.78 ug/l
RT: 8.288 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VX021180.D
Acq: 12 Mar 2021 13:59

Tgt Ion:	63	Resp:	694
Ion	Ratio	Lower	Upper
63	100		
65	33.4	25.9	38.9
106	29.7	23.9	35.9

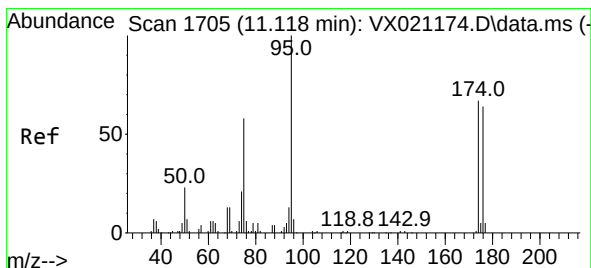
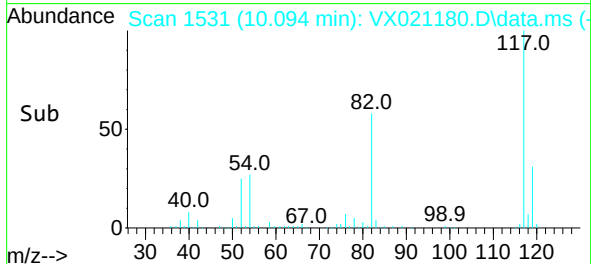
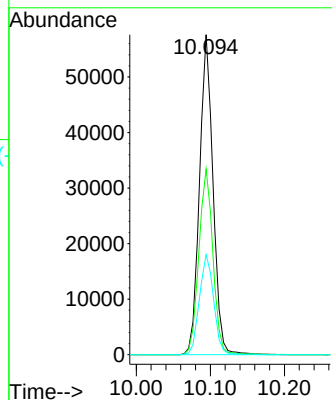
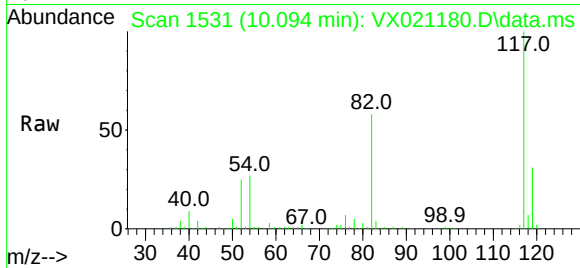




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021180.D
Acq: 12 Mar 2021 13:59

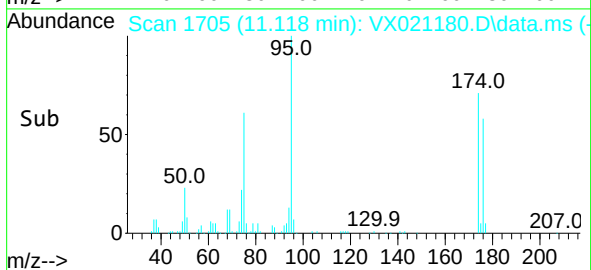
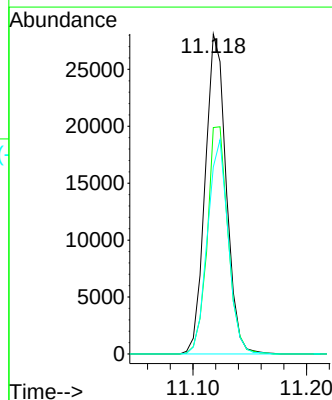
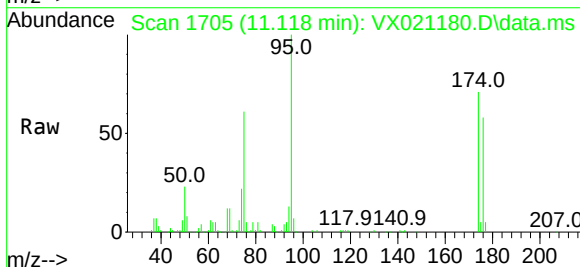
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL01

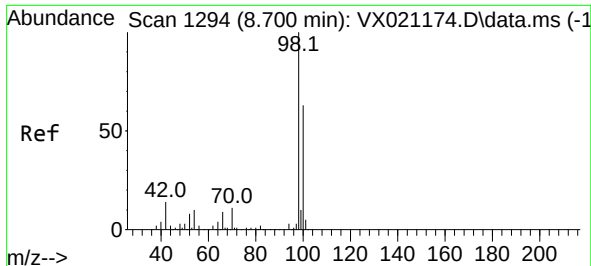
Tgt Ion:	117	Resp:	72944
Ion	Ratio	Lower	Upper
117	100		
82	60.5	45.0	67.6
119	32.8	25.6	38.4



#60
4-Bromofluorobenzene
Concen: 27.04 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021180.D
Acq: 12 Mar 2021 13:59

Tgt Ion:	95	Resp:	36069
Ion	Ratio	Lower	Upper
95	100		
174	70.2	63.0	94.4
176	66.1	59.9	89.9

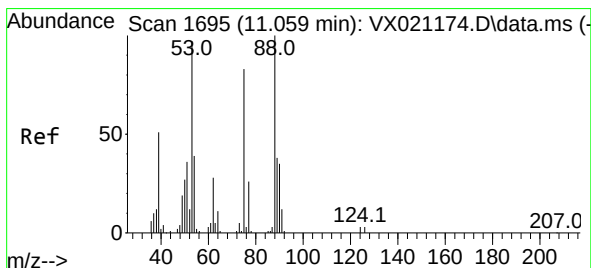
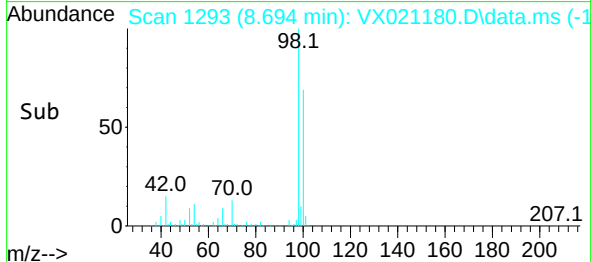
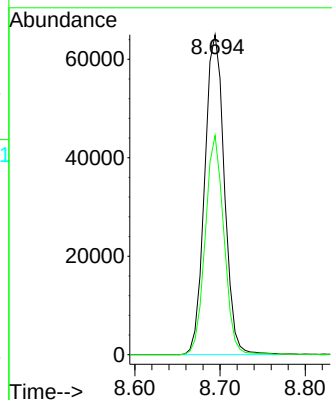
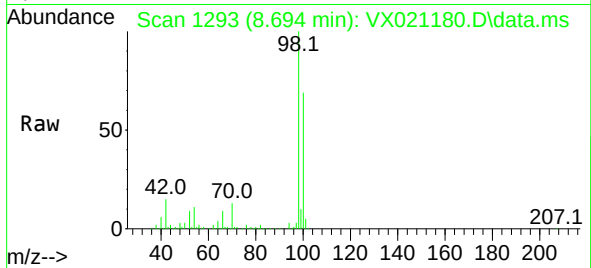




#63
Toluene-d8
Concen: 31.51 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VX021180.D
Acq: 12 Mar 2021 13:59

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL01

Tgt Ion: 98 Resp: 104270
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4



#77
t-1,4-Dichloro-2-butene
Concen: 44.45 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021180.D
Acq: 12 Mar 2021 13:59

Tgt Ion: 75 Resp: 20886
Ion Ratio Lower Upper
75 100
53 0.0 48.4 145.0#
89 0.3 22.7 68.0#

