Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062520\
Data File : VX016954.D
Acq On : 25 Jun 2020 15:21
Operator : JC/SP
Sample : VX0625WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0625WBL01

Quant Time: Jun 26 09:07:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	41865	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	233889	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	207315	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	98525	30.24	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.80%			
60) 4-Bromofluorobenzene	11.12	95	95368	27.58	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 91.93%			
63) Toluene-d8	8.70	98	279716	30.61	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 102.03%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	750	0.272	ug/l	89
5) Bromomethane	1.64	94	970	0.479	ug/l	92
11) Methyl Iodide	2.50	142	1196	0.374	ug/l #	68
13) Acrolein	2.25	56	172	0.361	ug/l	90
14) Acrylonitrile	3.11	53	977	0.682	ug/l #	50
18) Methylene Chloride	2.83	84	1564	0.542	ug/l #	67
23) tert-Butyl Alcohol	3.00	59	160	0.252	ug/l #	71
45) 1,4-Dioxane	7.71	88	48	0.702	ug/l #	1
55) 2-Chloroethyl vinyl ether	8.29	63	702	0.313	ug/l #	90
89) 1,2,4-Trichlorobenzene	14.01	180	1067	0.302	ug/l	99
90) Hexachlorobutadiene	13.77	225	577	0.430	ug/l	80
92) 1,2,3-Trichlorobenzene	14.01	180	1067	0.310	ug/l	97

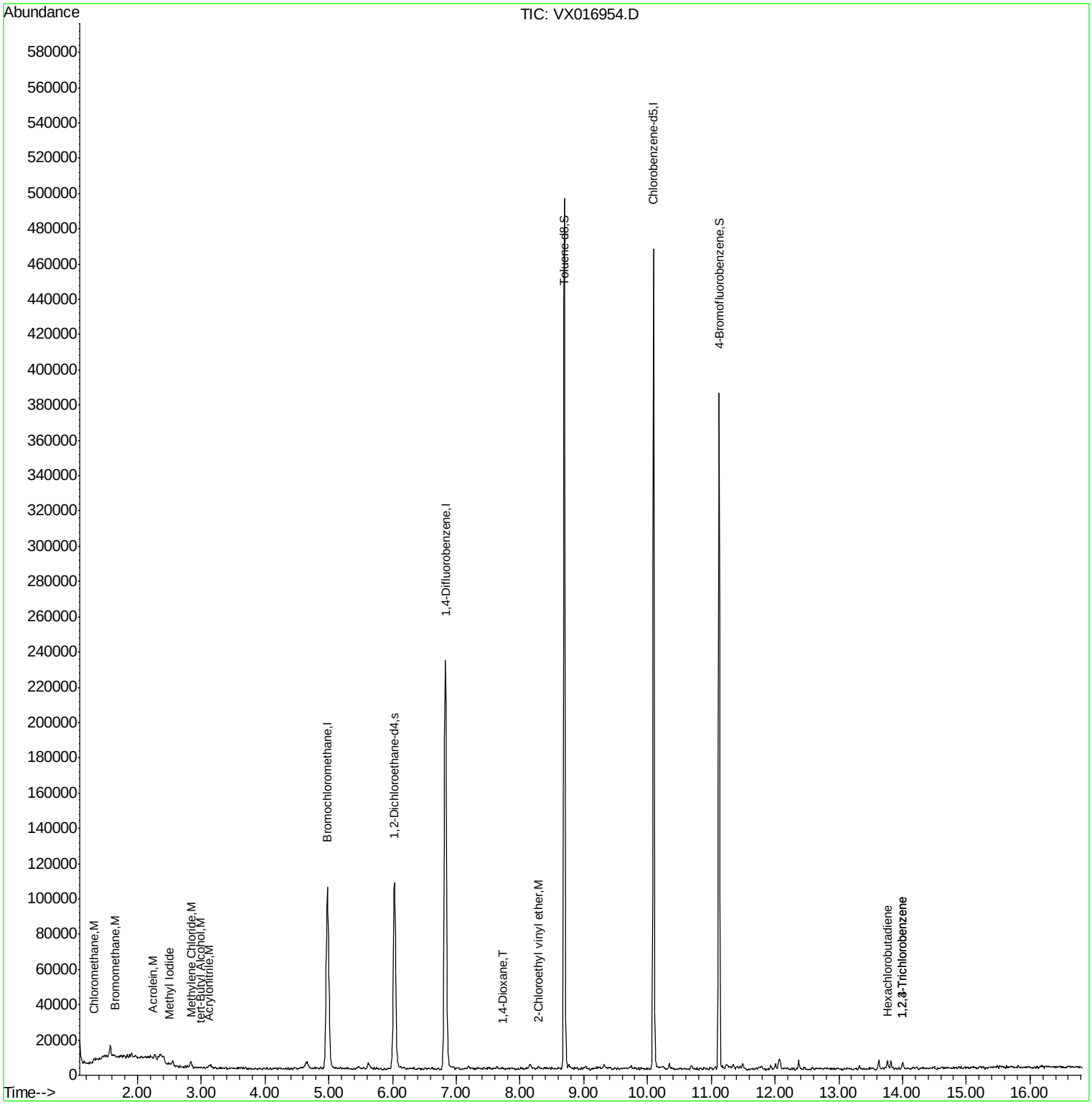
(#) = qualifier out of range (m) = manual integration (+) = signals summed

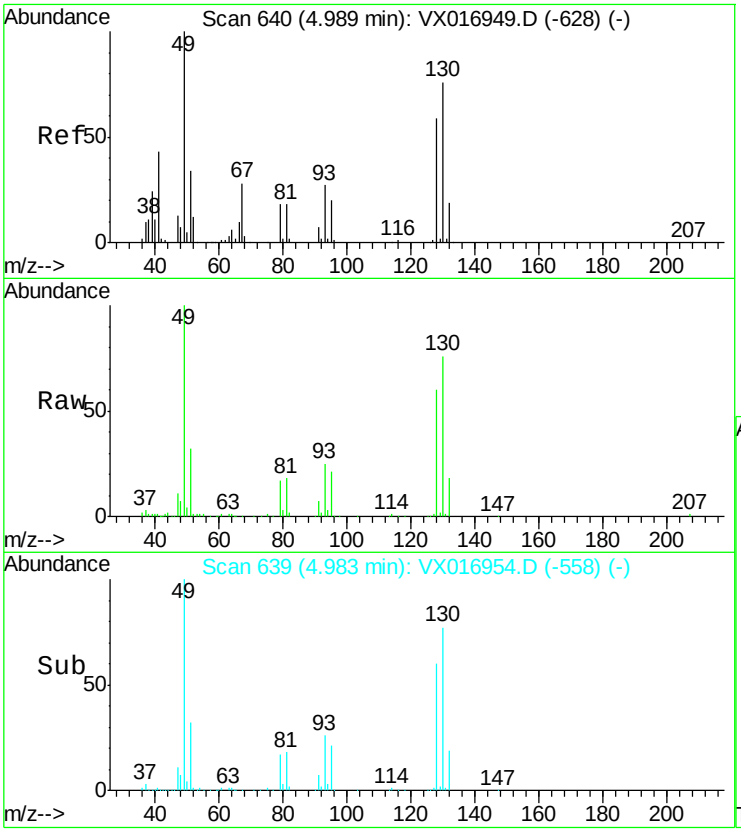
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062520\
Data File : VX016954.D
Acq On : 25 Jun 2020 15:21
Operator : JC/SP
Sample : VX0625WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBL01

Quant Time: Jun 26 09:07:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration



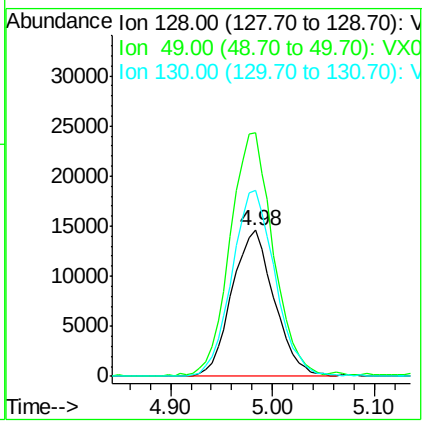


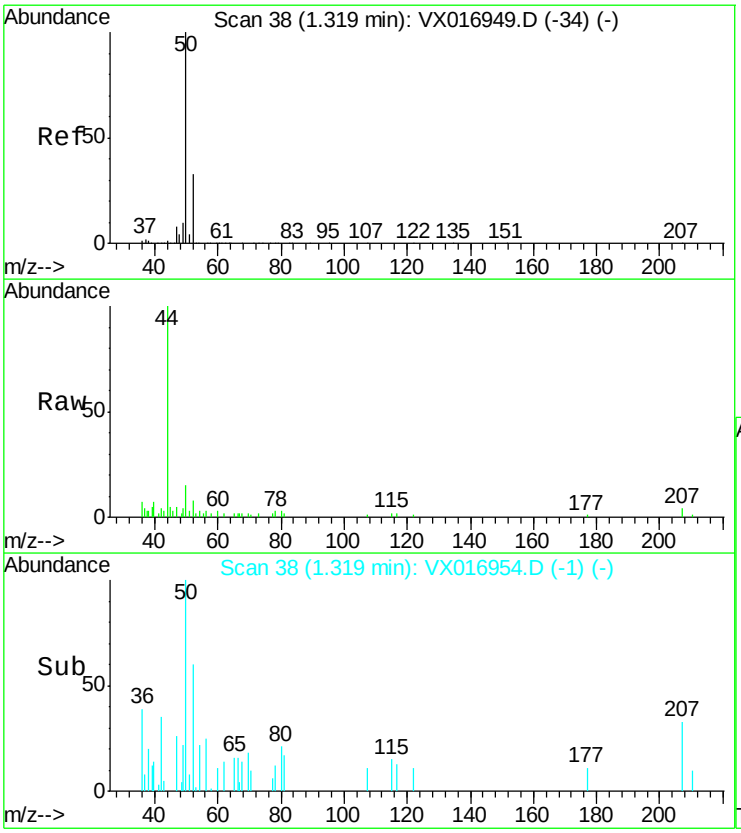
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX016954.D
Acq: 25 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBL01

Tgt Ion:128 Resp: 41865

Ion	Ratio	Lower	Upper
128	100		
49	170.0	0.0	428.0
130	130.5	0.0	318.0

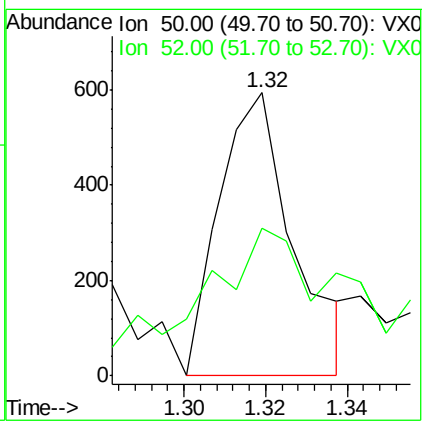


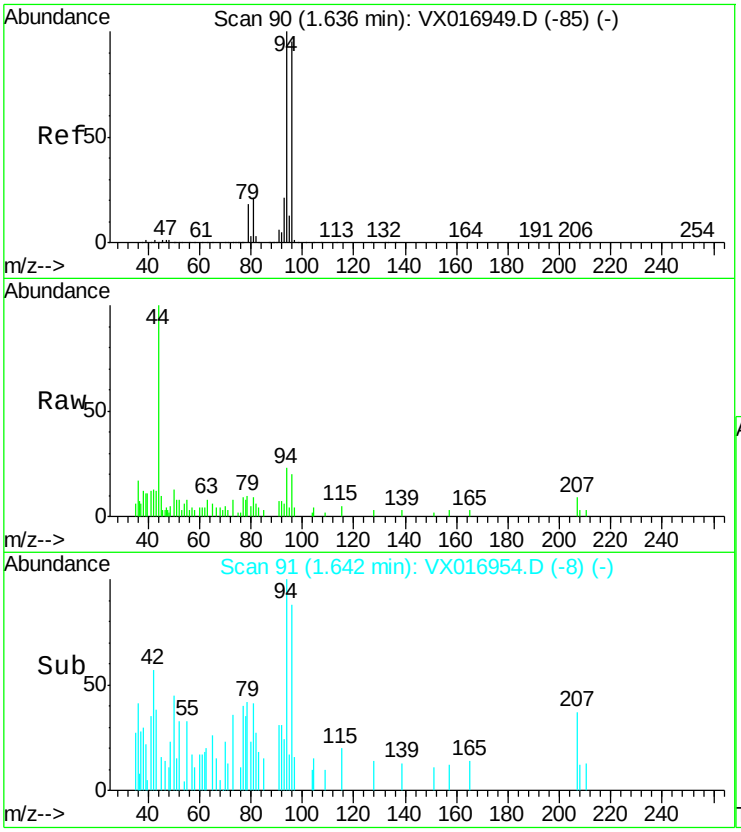


#3
Chloromethane
Concen: 0.272 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.00 min
Lab File: VX016954.D
Acq: 25 Jun 2020 15:21

Tgt Ion: 50 Resp: 750

Ion	Ratio	Lower	Upper
50	100		
52	39.5	26.5	39.7



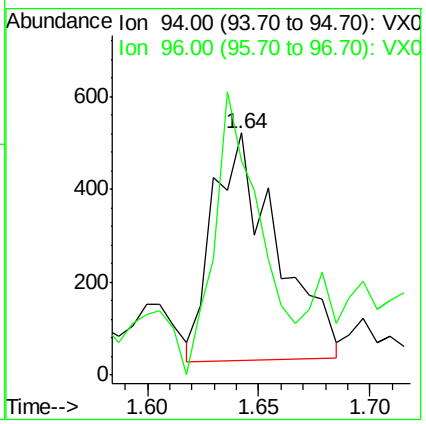


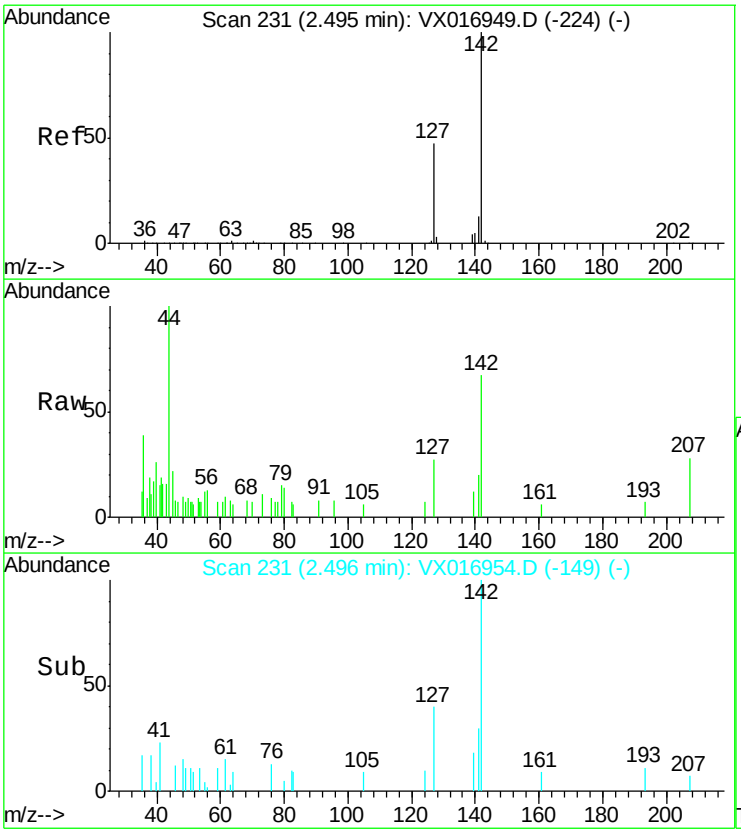
#5
Bromomethane
Concen: 0.479 ug/l
RT: 1.64 min Scan# 91
Delta R.T. 0.01 min
Lab File: VX016954.D
Acq: 25 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBL01

Tgt Ion: 94 Resp: 970

Ion	Ratio	Lower	Upper
94	100		
96	101.8	75.5	113.3

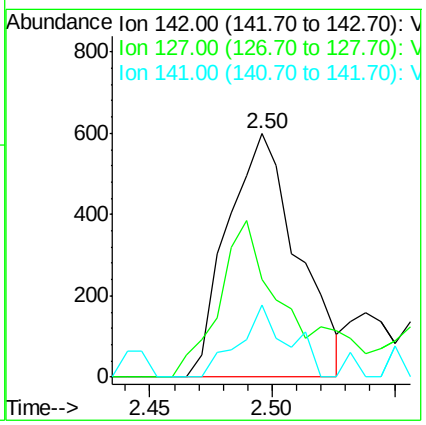


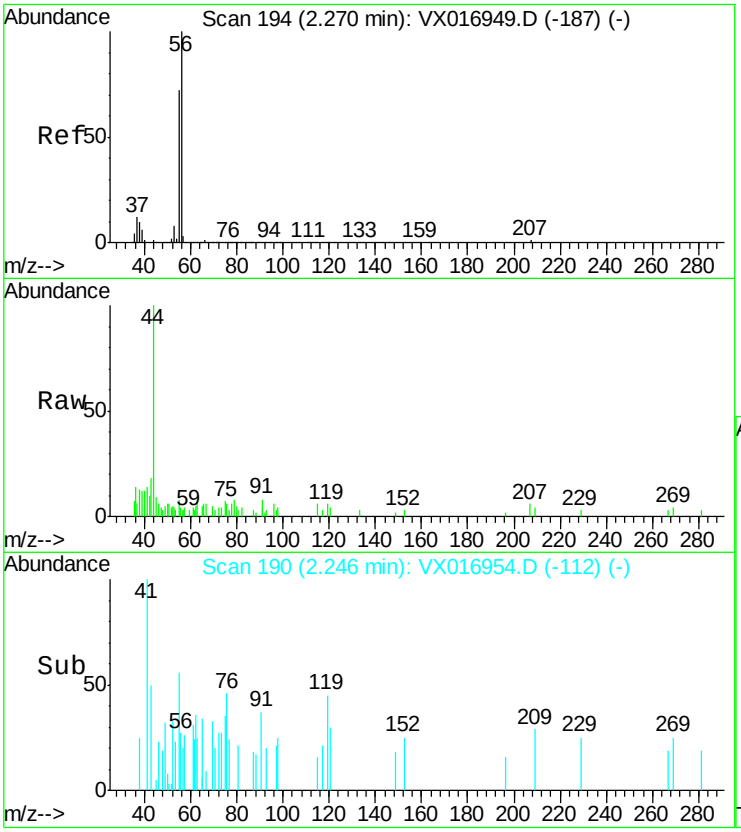


#11
Methyl Iodide
Concen: 0.374 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX016954.D
Acq: 25 Jun 2020 15:21

Tgt Ion:142 Resp: 1196

Ion	Ratio	Lower	Upper
142	100		
127	28.8	23.3	69.9
141	32.8	6.7	20.1#



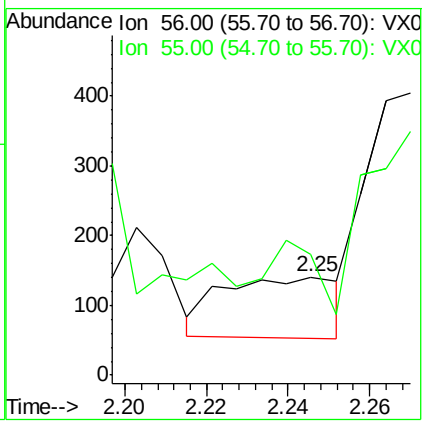


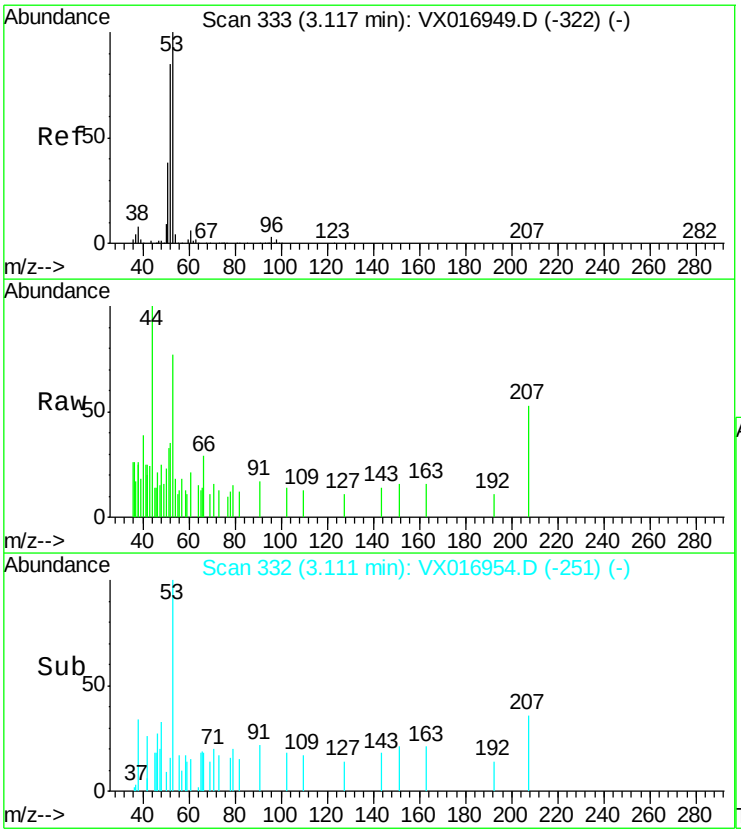
#13
Acrolein
Concen: 0.361 ug/l
RT: 2.25 min Scan# 190
Delta R.T. -0.02 min
Lab File: VX016954.D
Acq: 25 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBL01

Tgt Ion: 56 Resp: 172

Ion	Ratio	Lower	Upper
56	100		
55	78.5	56.2	84.4

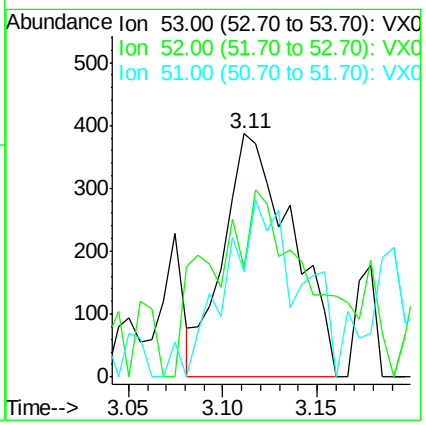


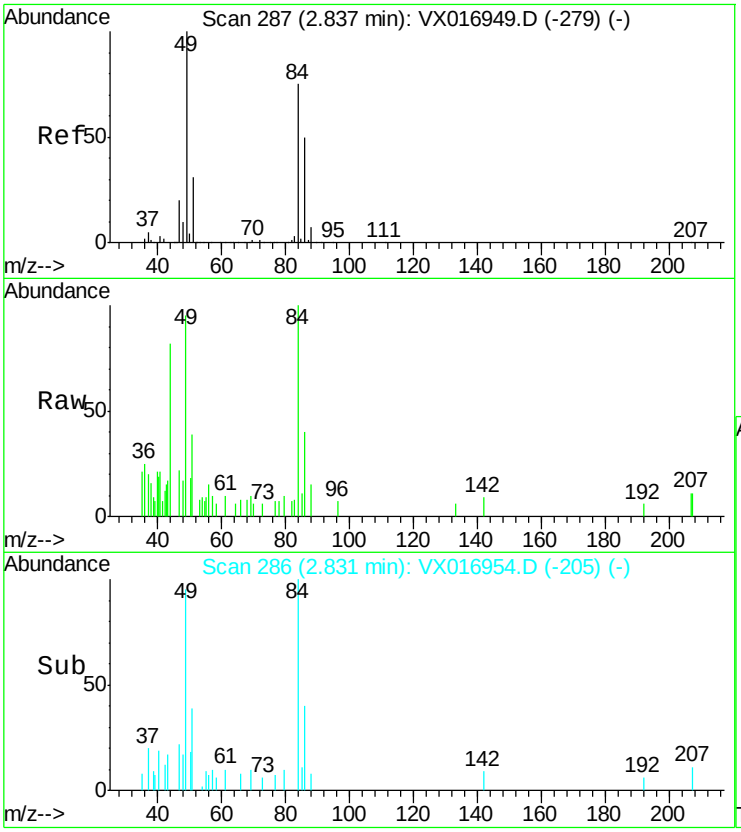


#14
Acrylonitrile
Concen: 0.682 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX016954.D
Acq: 25 Jun 2020 15:21

Tgt Ion: 53 Resp: 977

Ion	Ratio	Lower	Upper
53	100		
52	17.7	40.6	121.8#
51	39.2	18.4	55.4



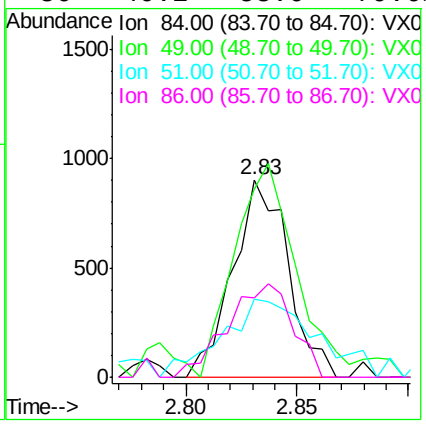


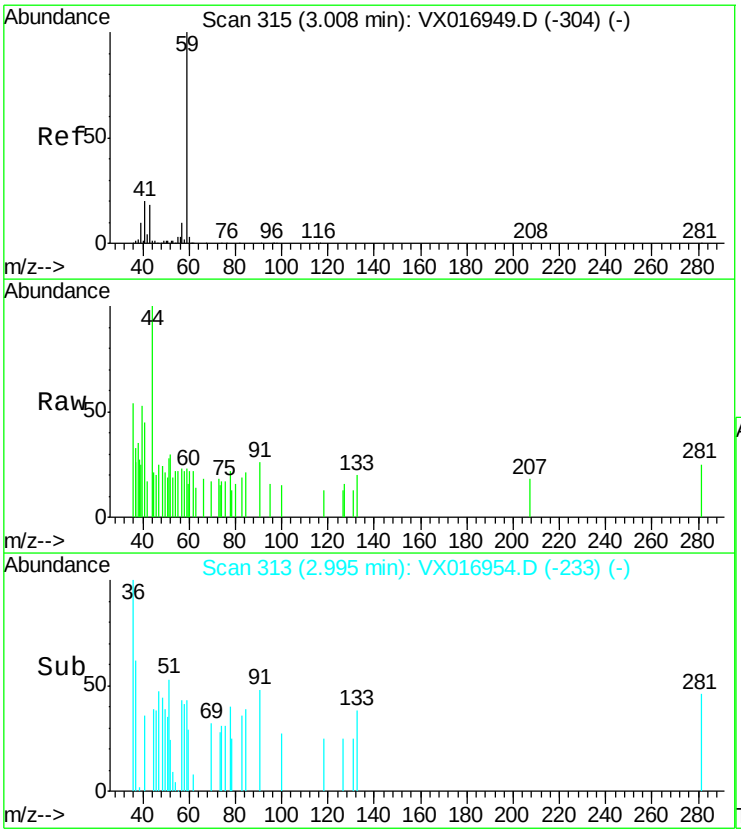
#18
Methylene Chloride
Concen: 0.542 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016954.D
Acq: 25 Jun 2020 15:21

Instrument : MSVOA_X
ClientSampleId : VX0625WBL01

Tgt Ion: 84 Resp: 1564

Ion	Ratio	Lower	Upper
84	100		
49	87.8	106.6	159.8#
51	29.3	32.7	49.1#
86	40.2	53.0	79.6#

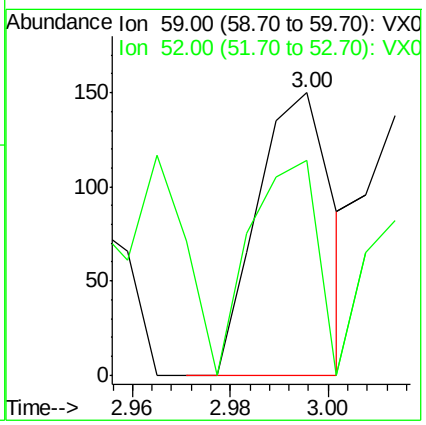


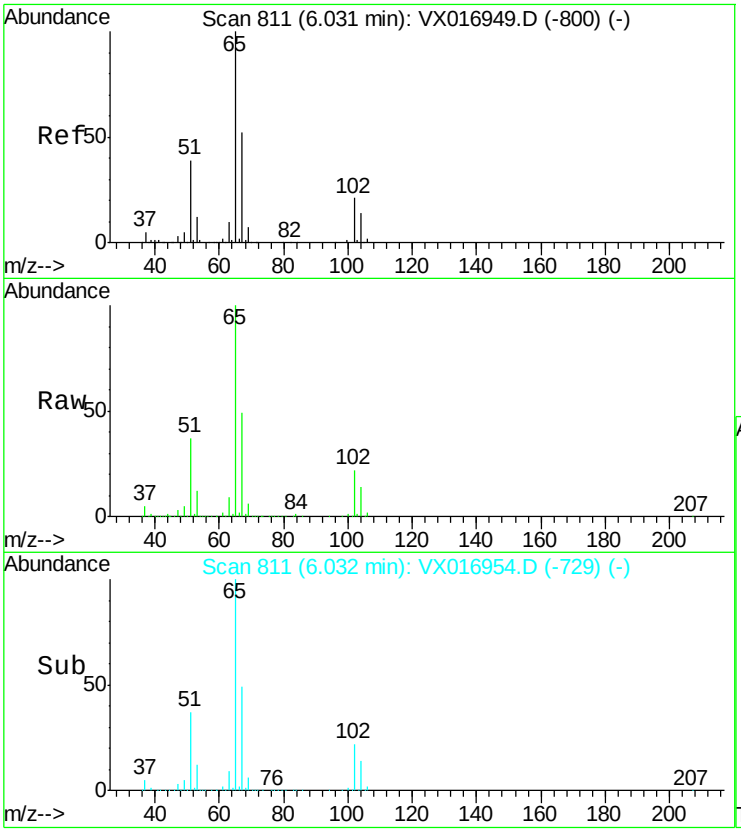


#23
tert-Butyl Alcohol
Concen: 0.252 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX016954.D
Acq: 25 Jun 2020 15:21

Tgt Ion: 59 Resp: 160

Ion	Ratio	Lower	Upper
59	100		
52	67.5	0.1	0.1#



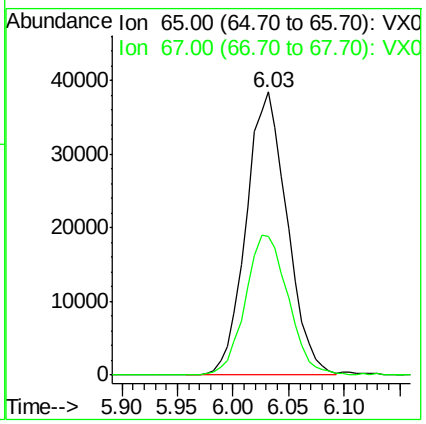


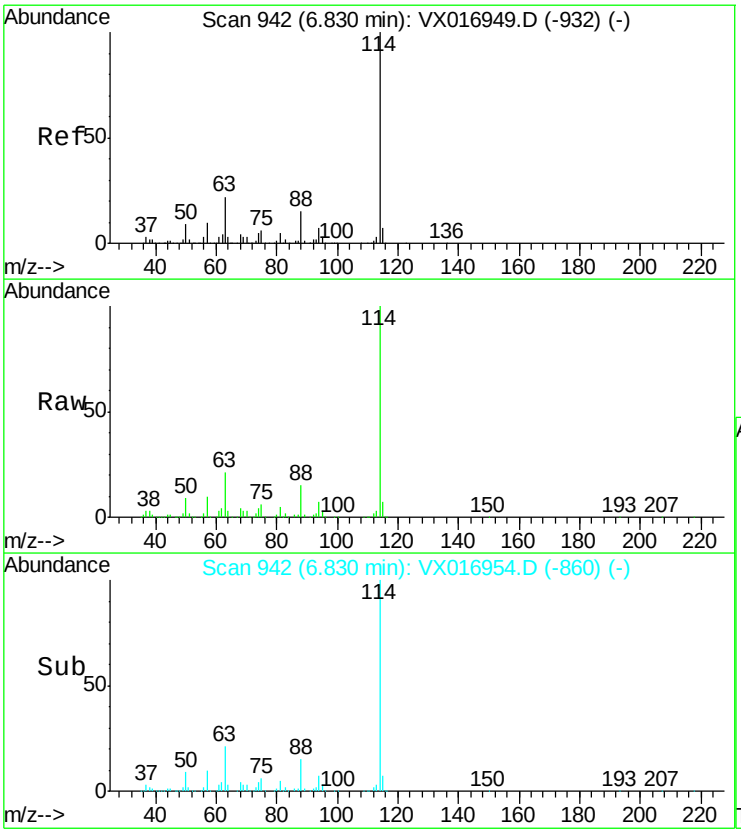
#27
1,2-Dichloroethane-d4
Concen: 30.236 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016954.D
Acq: 25 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBL01

Tgt Ion: 65 Resp: 98525

Ion	Ratio	Lower	Upper
65	100		
67	52.0	41.5	62.3

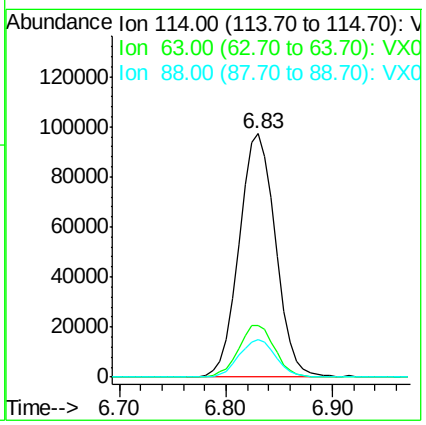


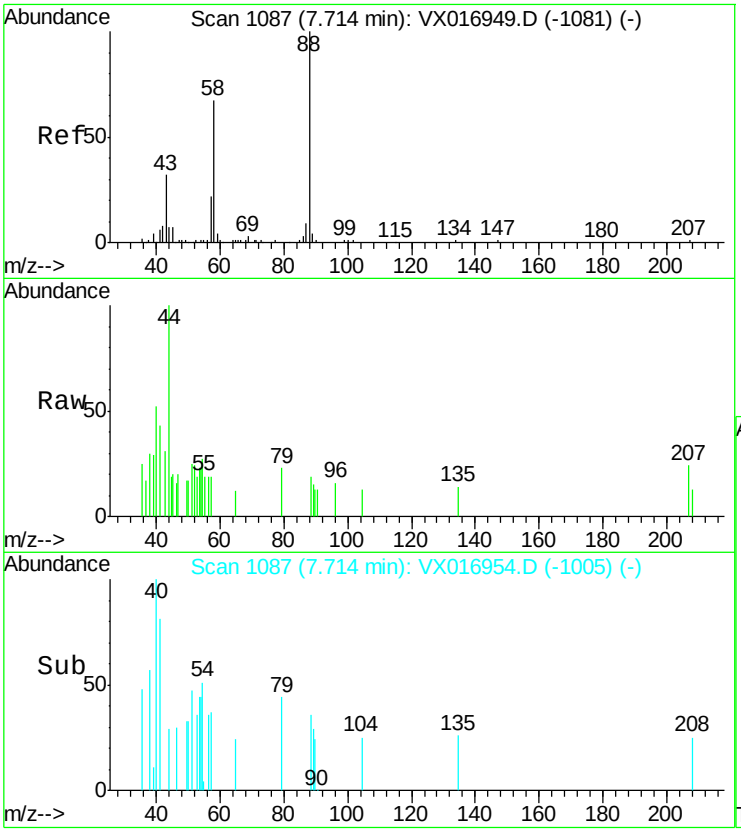


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.00 min
Lab File: VX016954.D
Acq: 25 Jun 2020 15:21

Tgt Ion:114 Resp: 233889

Ion	Ratio	Lower	Upper
114	100		
63	21.2	17.4	26.2
88	15.5	13.0	19.6



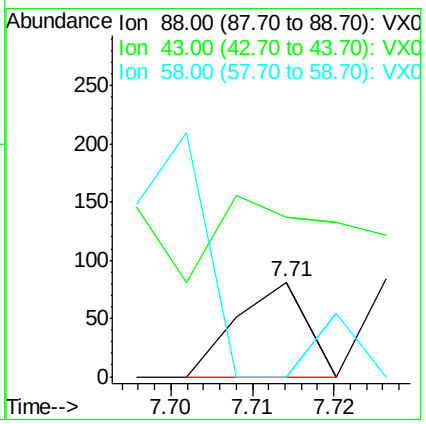


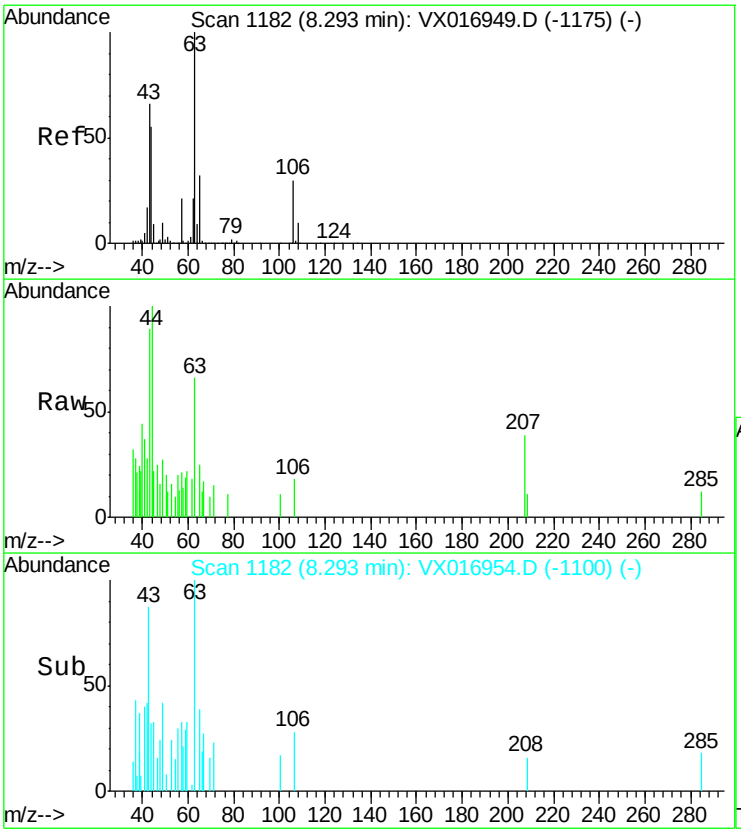
#45
1,4-Dioxane
Concen: 0.702 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016954.D
Acq: 25 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBL01

Tgt Ion: 88 Resp: 48

Ion	Ratio	Lower	Upper
88	100		
43	170.8	28.9	43.3#
58	510.4	56.7	85.1#

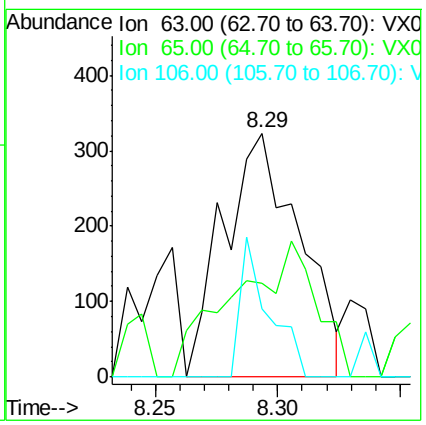


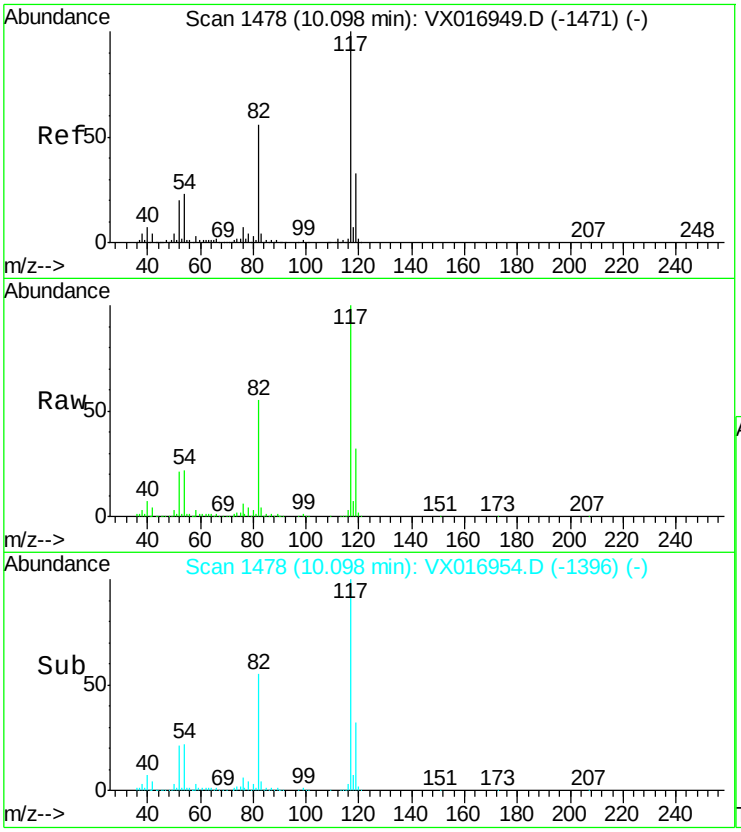


#55
2-Chloroethyl vinyl ether
Concen: 0.313 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX016954.D
Acq: 25 Jun 2020 15:21

Tgt Ion: 63 Resp: 702

Ion	Ratio	Lower	Upper
63	100		
65	36.8	25.9	38.9
106	21.4	22.6	33.8#



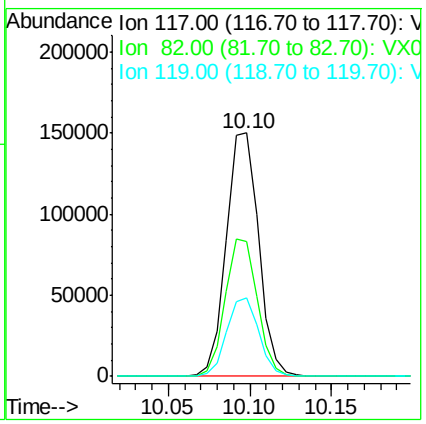


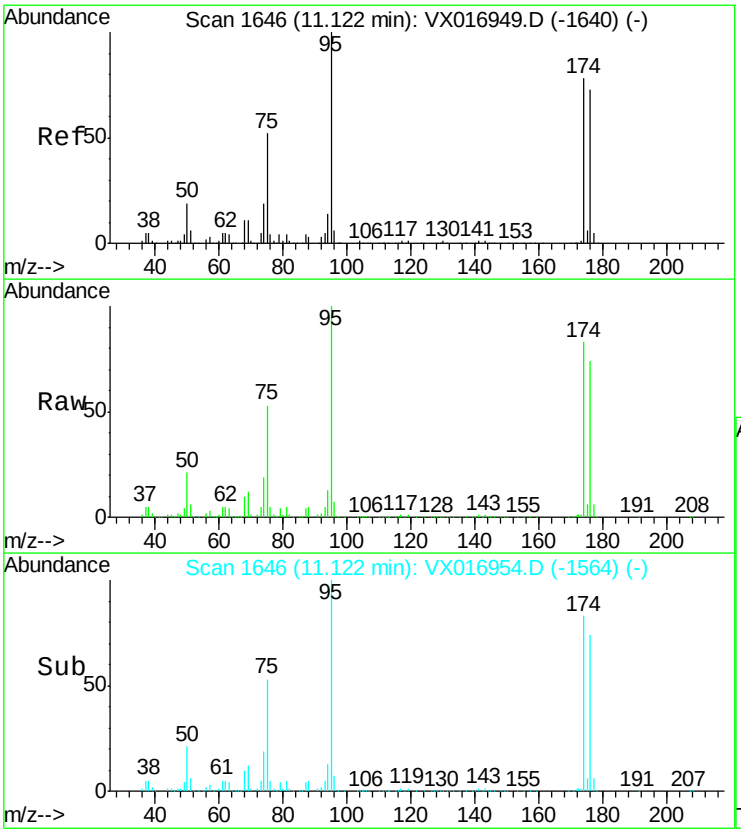
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016954.D
Acq: 25 Jun 2020 15:21

Instrument : MSVOA_X
ClientSampleId : VX0625WBL01

Tgt Ion:117 Resp: 207315

Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.9	67.3
119	32.0	25.8	38.8

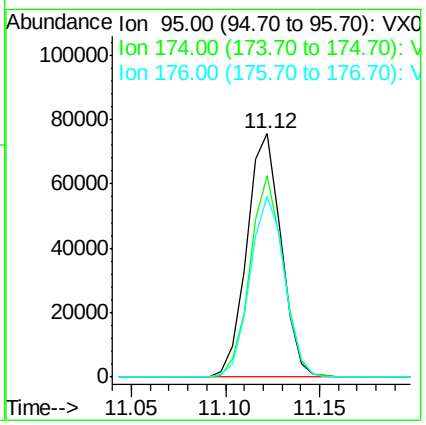


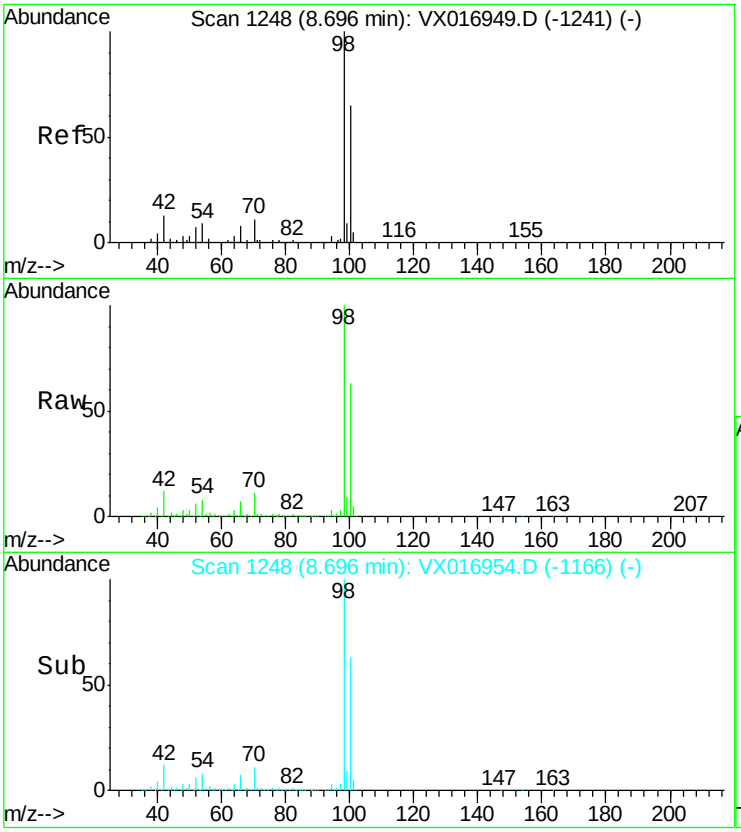


#60
4-Bromofluorobenzene
Concen: 27.583 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016954.D
Acq: 25 Jun 2020 15:21

Tgt Ion: 95 Resp: 95368

Ion	Ratio	Lower	Upper
95	100		
174	80.1	62.2	93.4
176	75.0	58.9	88.3



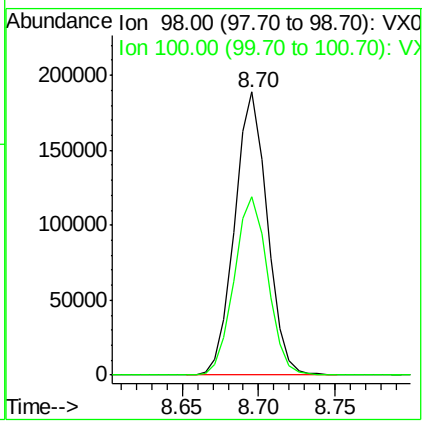


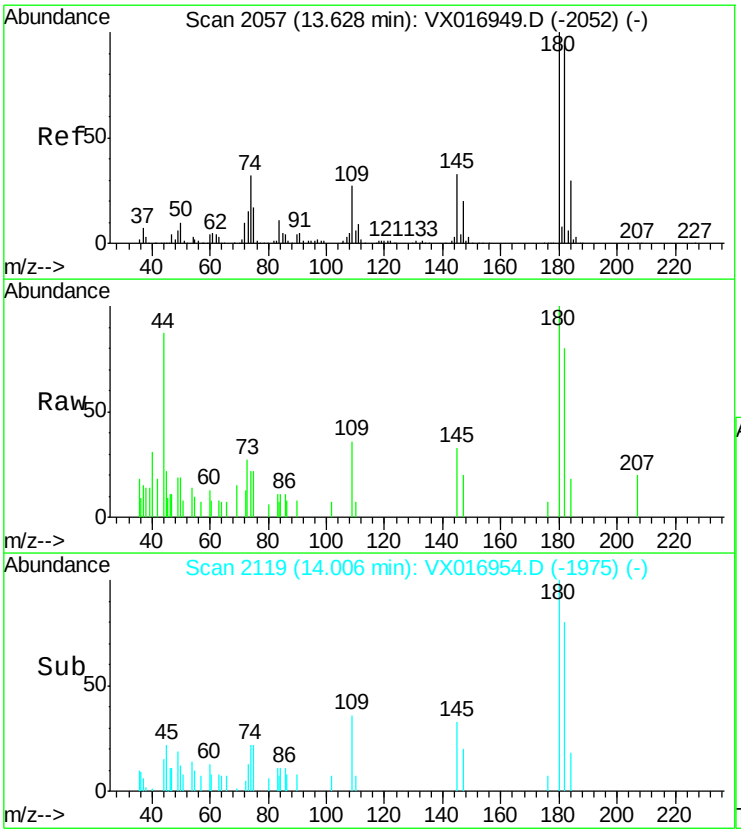
#63
Toluene-d8
Concen: 30.608 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016954.D
Acq: 25 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBL01

Tgt Ion: 98 Resp: 279716

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.3	78.5

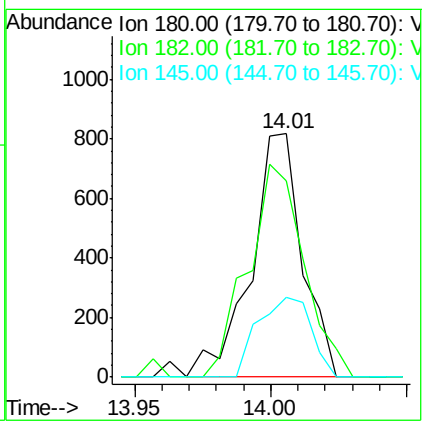


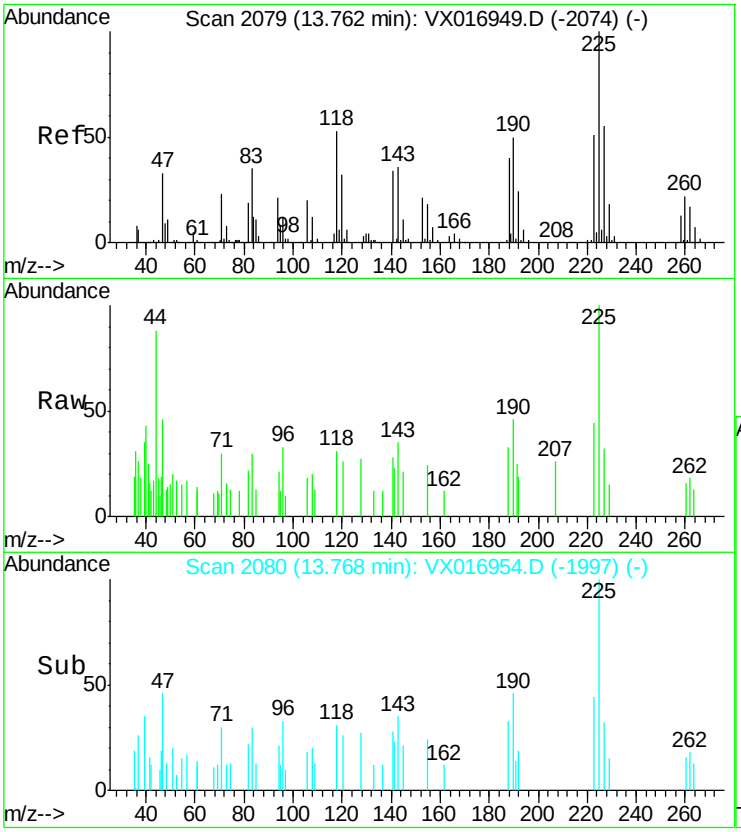


#89
1,2,4-Trichlorobenzene
Concen: 0.302 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.38 min
Lab File: VX016954.D
Acq: 25 Jun 2020 15:21

Tgt Ion:180 Resp: 1067

Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.7	116.5
145	33.7	26.2	39.2



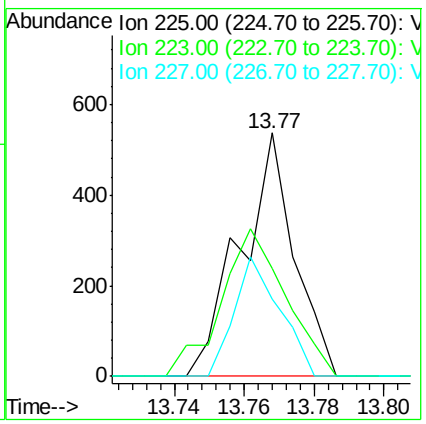


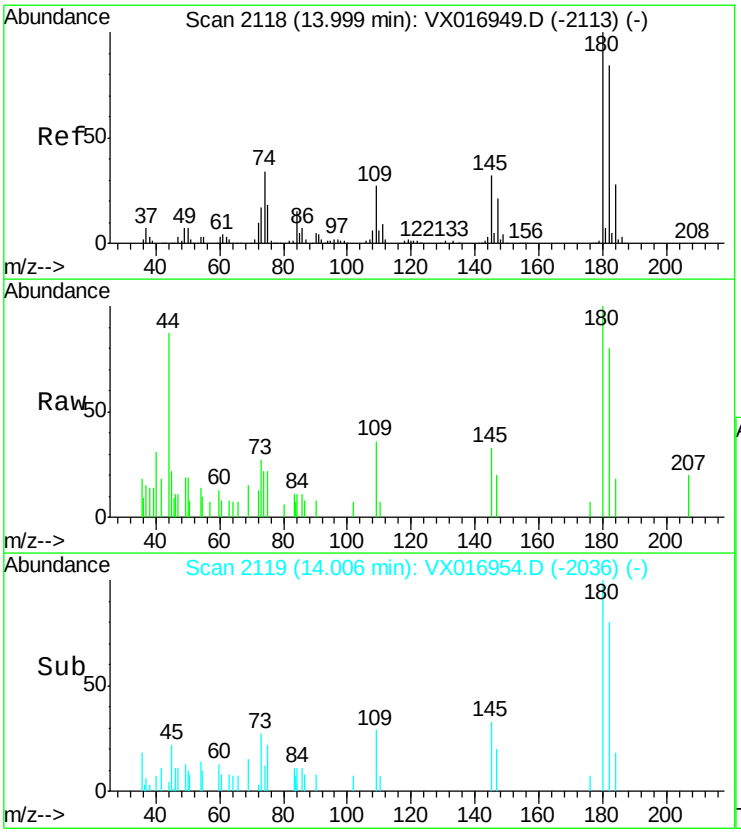
#90
Hexachlorobutadiene
Concen: 0.430 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX016954.D
Acq: 25 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBL01

Tgt Ion:225 Resp: 577

Ion	Ratio	Lower	Upper
225	100		
223	72.8	0.0	125.0
227	41.6	0.0	124.0





#92
1,2,3-Trichlorobenzene
Concen: 0.310 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX016954.D
Acq: 25 Jun 2020 15:21

Tgt Ion:180 Resp: 1067

Ion	Ratio	Lower	Upper
180	100		
182	95.9	0.0	184.8
145	33.7	0.0	68.0