Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051719\
Data File : VX009655.D
Acq On : 17 May 2019 11:46
Operator : JC/SP
Sample : K2861-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT-TB-20190514

Quant Time: May 18 03:55:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.02	128	26158	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.86	114	148738	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.11	117	126979	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.06	65	66120	30.47	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 101.57%				
60) 4-Bromofluorobenzene	11.13	95	59797	27.71	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 92.37%				
63) Toluene-d8	8.71	98	181583	30.16	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.53%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	559	0.299	ug/l		99
5) Bromomethane	1.64	94	265	0.224	ug/l	#	40
11) Methyl Iodide	2.52	142	386	0.248	ug/l	#	61
13) Acrolein	2.02	56	161	0.436	ug/l		98
14) Acrylonitrile	3.15	53	435	0.372	ug/l		96
15) Acetone	2.45	58	1113	3.315	ug/l		94
16) Carbon Disulfide	2.57	76	993	0.257	ug/l	#	56
18) Methylene Chloride	2.85	84	855	0.494	ug/l	#	79
23) tert-Butyl Alcohol	3.03	59	705	1.426	ug/l	#	100
51) Ethyl methacrylate	8.73	69	657	0.213	ug/l		76
89) 1,2,4-Trichlorobenzene	14.02	180	466	0.202	ug/l		87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051719\
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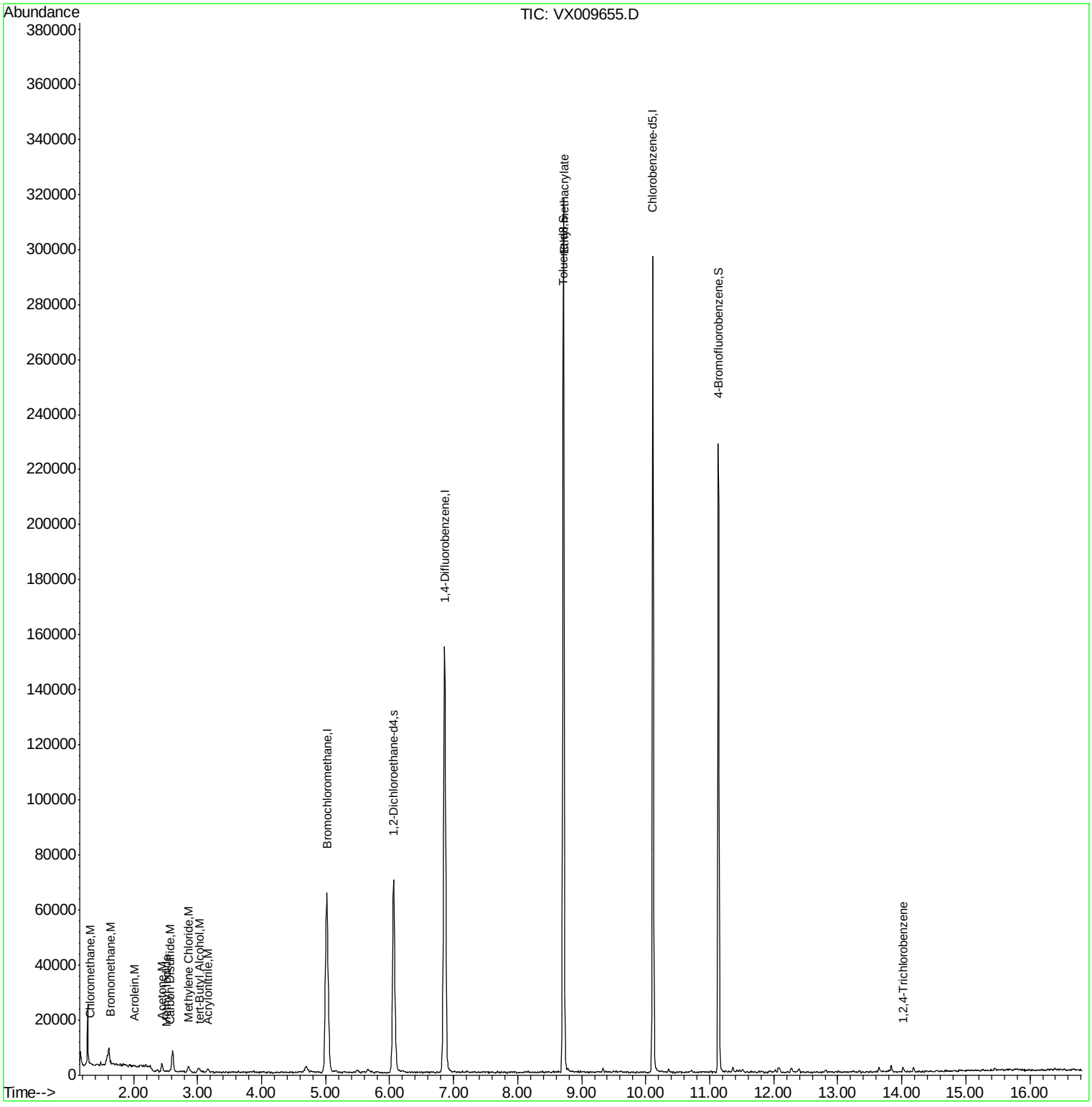
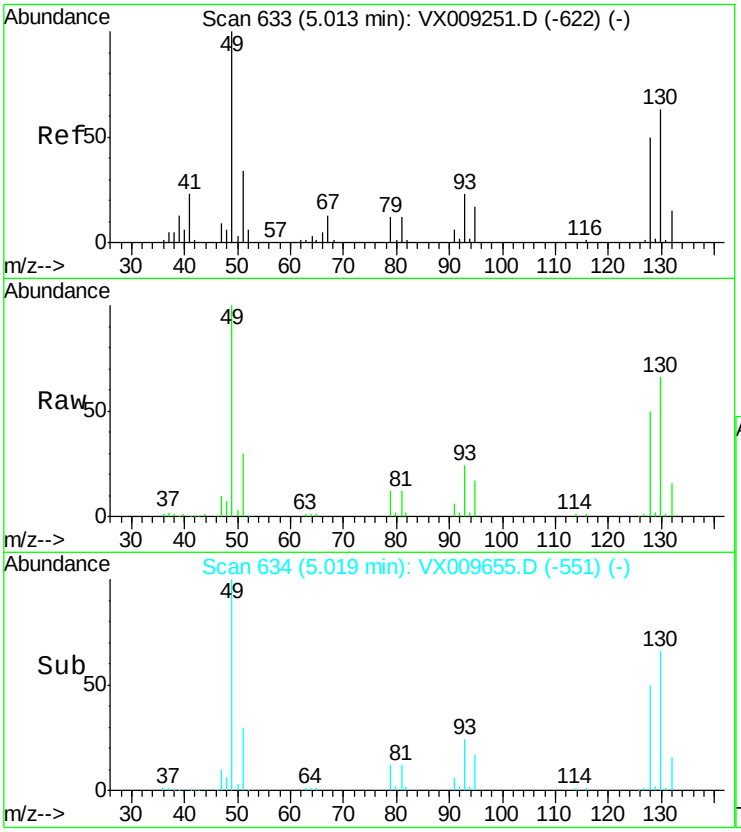
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20190514

Quant Time: May 18 03:55:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration



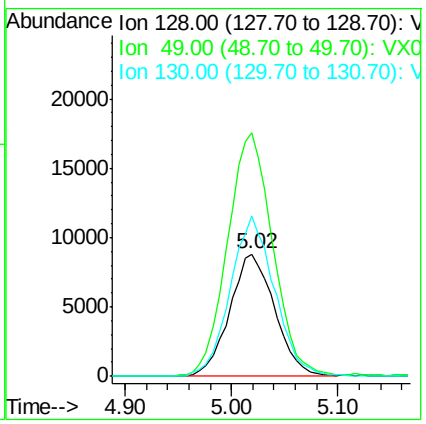


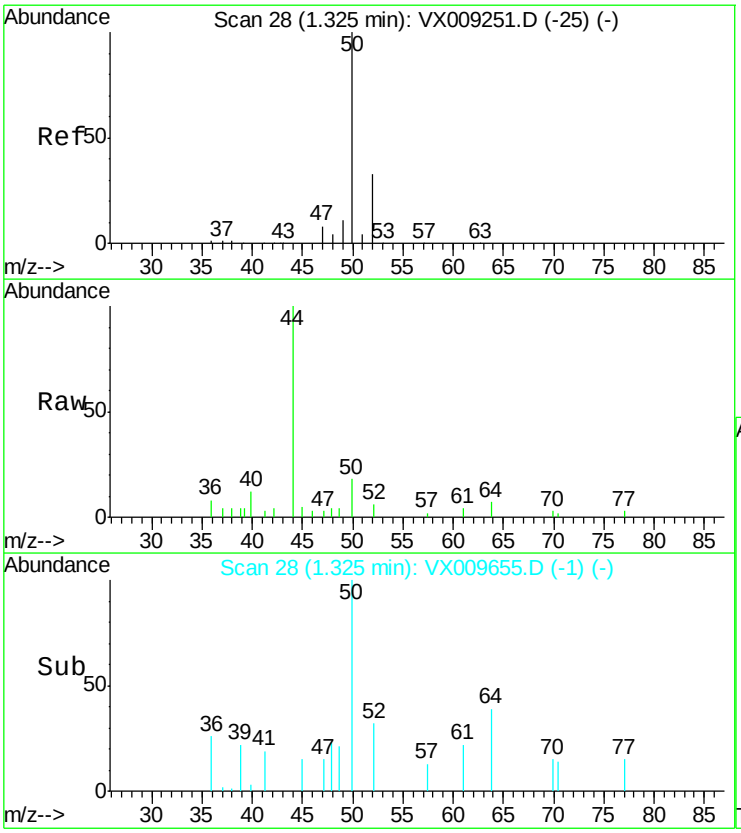
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009655.D
Acq: 17 May 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20190514

Tgt Ion:128 Resp: 26158

Ion	Ratio	Lower	Upper
128	100		
49	200.4	0.0	515.0
130	128.9	0.0	323.3

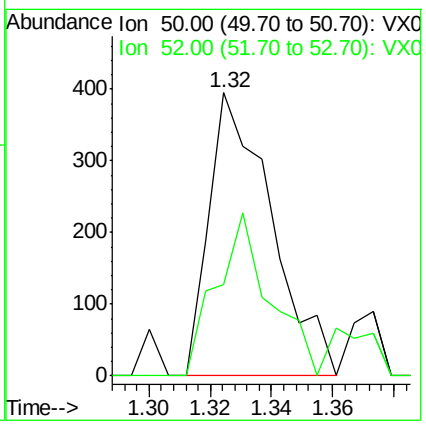


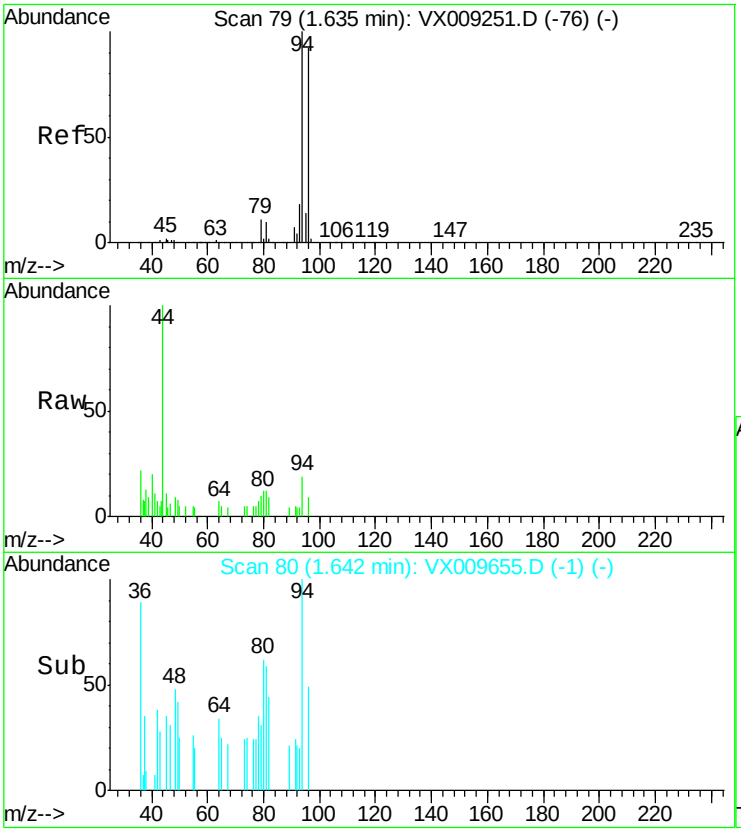


#3
Chloromethane
Concen: 0.299 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX009655.D
Acq: 17 May 2019 11:46

Tgt Ion: 50 Resp: 559

Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.3	39.5



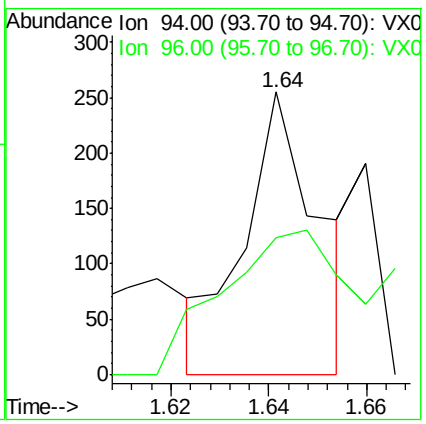


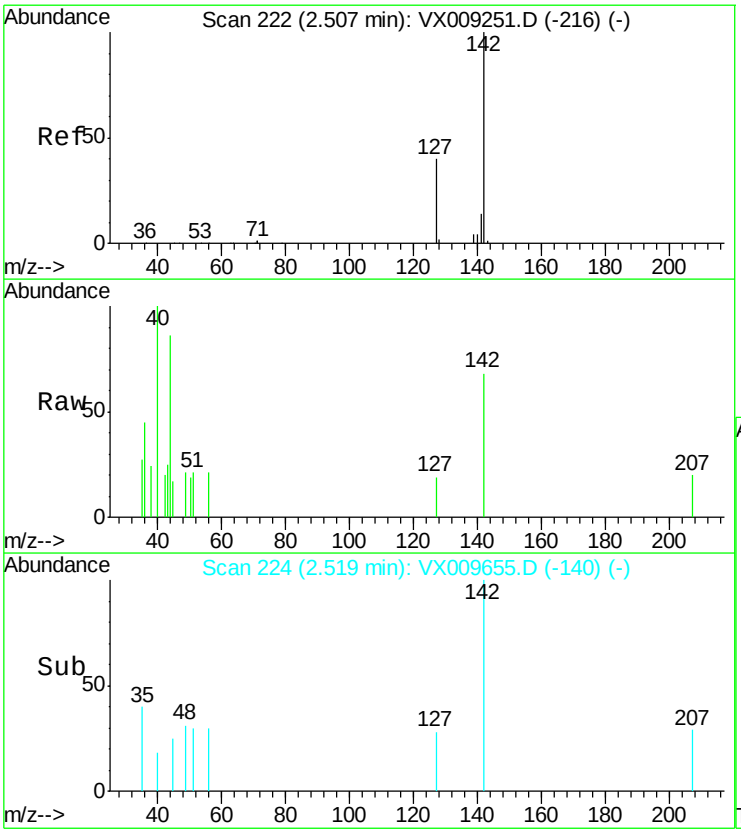
#5
Bromomethane
Concen: 0.224 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX009655.D
Acq: 17 May 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20190514

Tgt Ion: 94 Resp: 265

Ion	Ratio	Lower	Upper
94	100		
96	34.9	73.5	110.3#

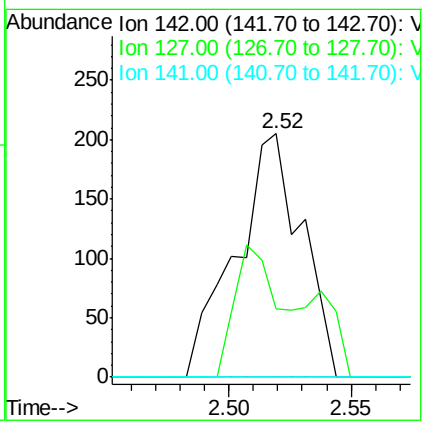


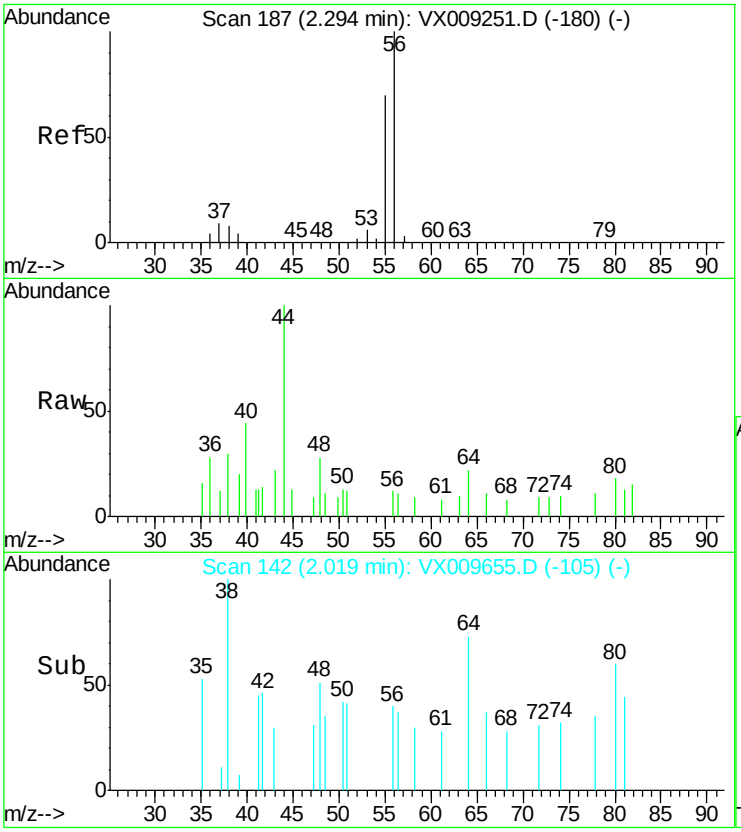


#11
Methyl Iodide
Concen: 0.248 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX009655.D
Acq: 17 May 2019 11:46

Tgt Ion:142 Resp: 386

Ion	Ratio	Lower	Upper
142	100		
127	14.9	20.2	60.5#
141	0.0	6.9	20.7#



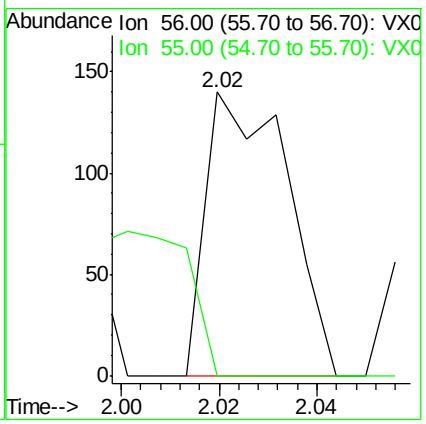


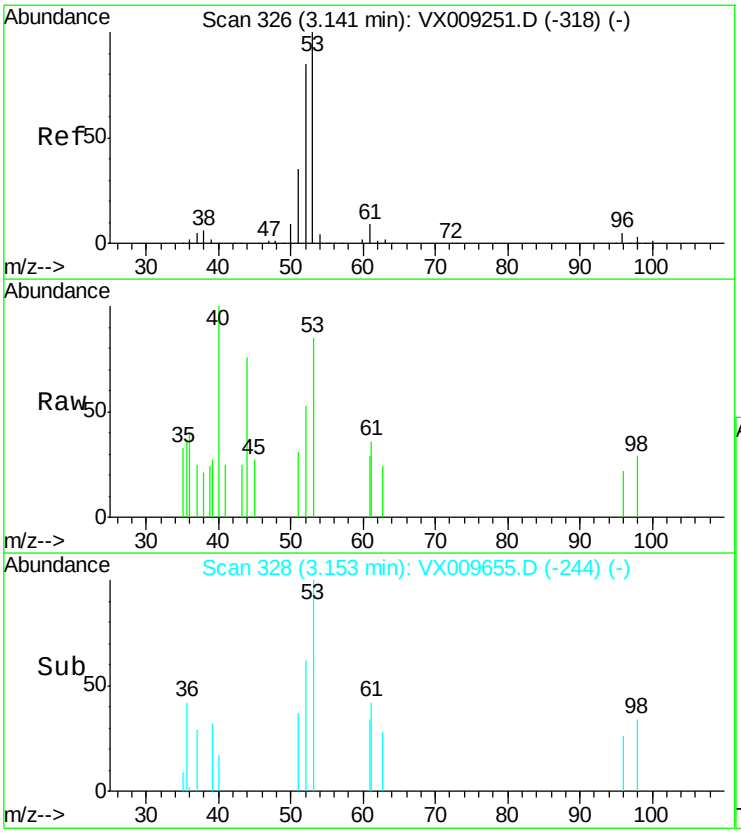
#13
Acrolein
Concen: 0.436 ug/l
RT: 2.02 min Scan# 142
Delta R.T. -0.27 min
Lab File: VX009655.D
Acq: 17 May 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20190514

Tgt Ion: 56 Resp: 161

Ion	Ratio	Lower	Upper
56	100		
55	69.6	56.9	85.3

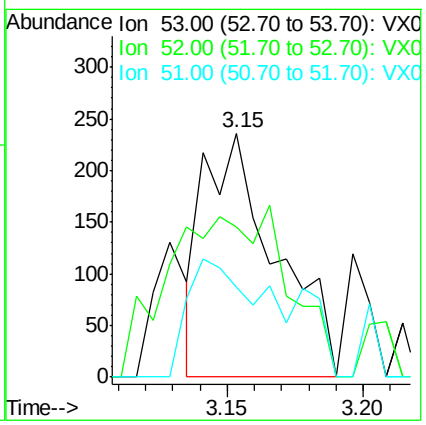


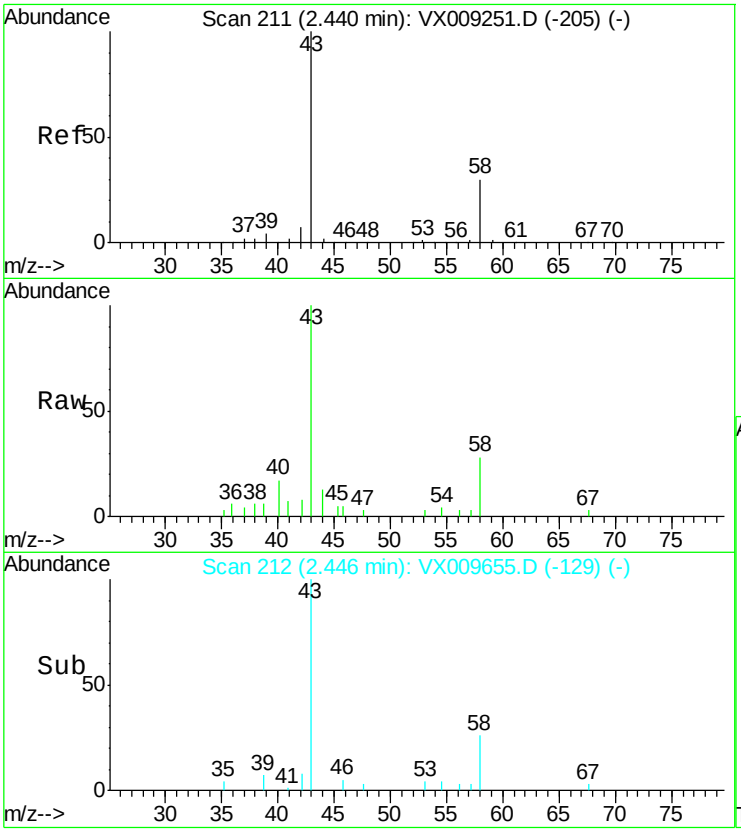


#14
Acrylonitrile
Concen: 0.372 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX009655.D
Acq: 17 May 2019 11:46

Tgt Ion: 53 Resp: 435

Ion	Ratio	Lower	Upper
53	100		
52	80.0	41.5	124.5
51	38.2	17.8	53.3



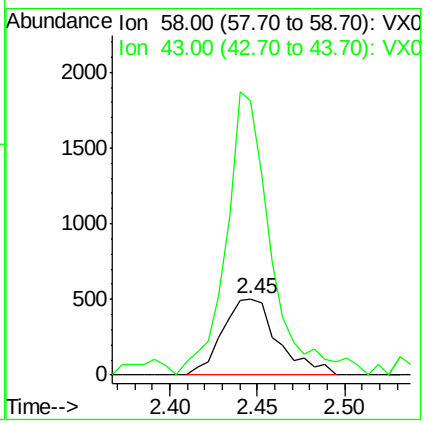


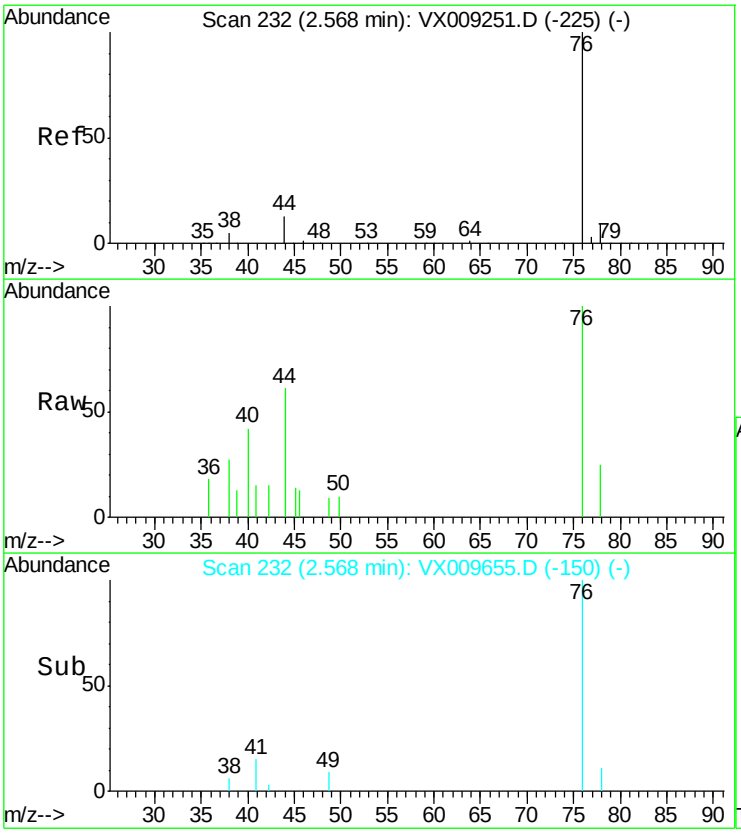
#15
Acetone
Concen: 3.315 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX009655.D
Acq: 17 May 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20190514

Tgt Ion: 58 Resp: 1113

Ion	Ratio	Lower	Upper
58	100		
43	342.7	264.0	396.0

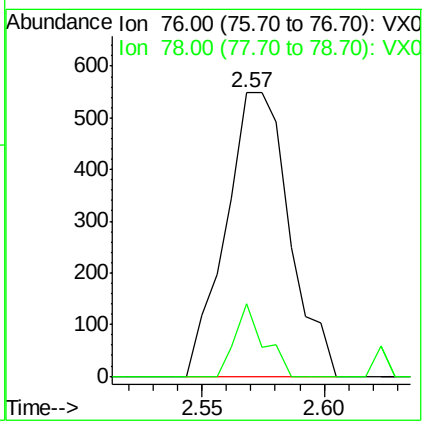


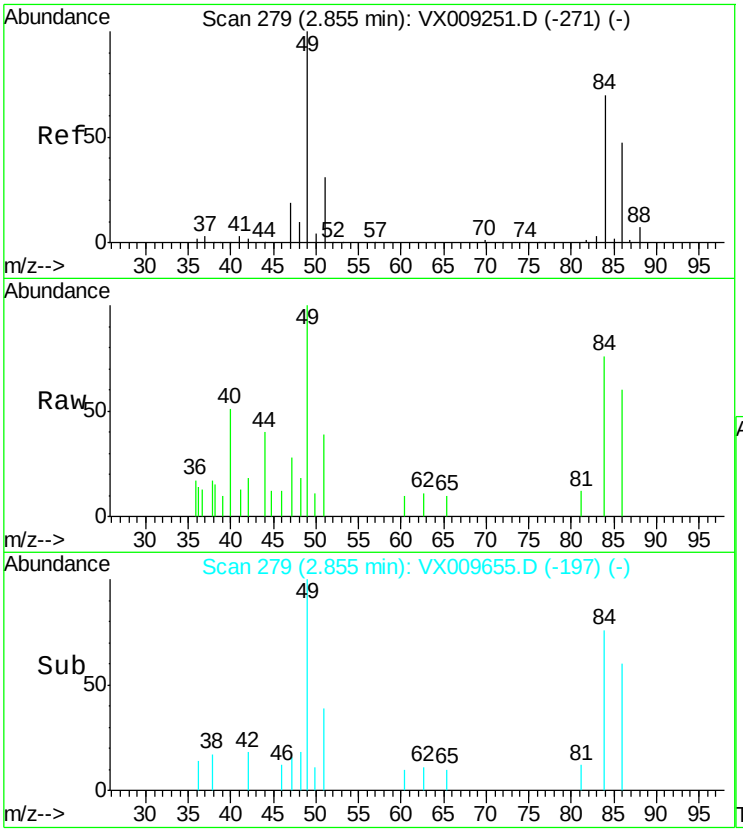


#16
Carbon Disulfide
Concen: 0.257 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009655.D
Acq: 17 May 2019 11:46

Tgt Ion: 76 Resp: 993

Ion	Ratio	Lower	Upper
76	100		
78	25.4	7.4	11.2#



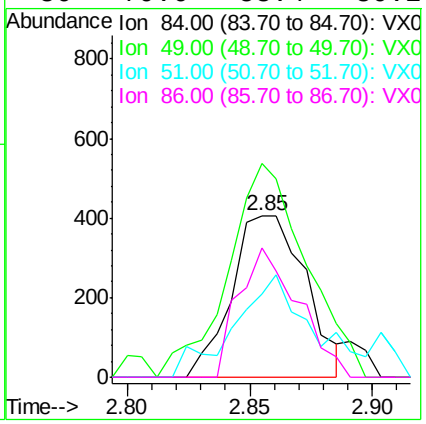


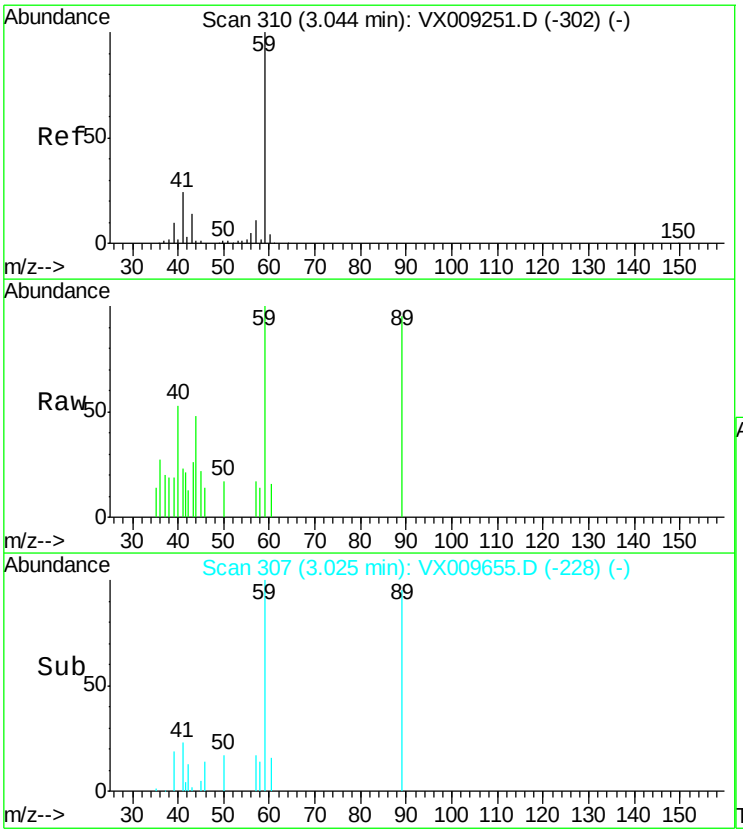
#18
Methylene Chloride
Concen: 0.494 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009655.D
Acq: 17 May 2019 11:46

Instrument : MSVOA_X
ClientSampleId : TT-TB-20190514

Tgt Ion: 84 Resp: 855

Ion	Ratio	Lower	Upper
84	100		
49	112.5	114.6	171.8#
51	32.9	35.5	53.3#
86	79.6	53.4	80.2

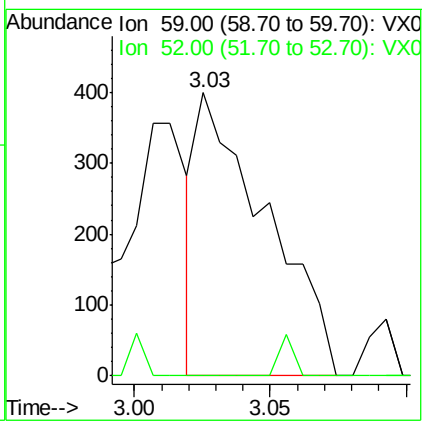


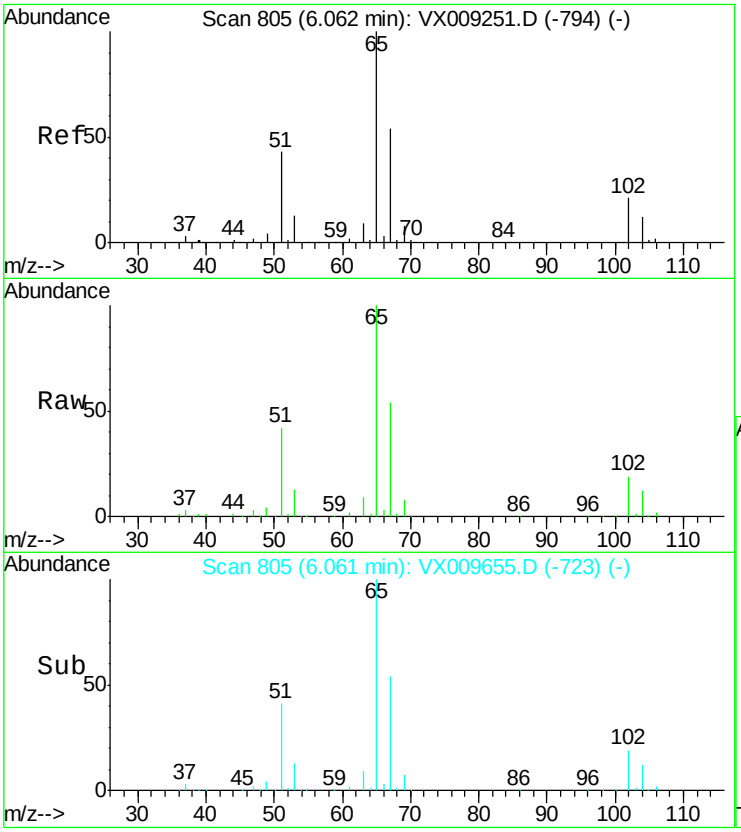


#23
tert-Butyl Alcohol
Concen: 1.426 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX009655.D
Acq: 17 May 2019 11:46

Tgt Ion: 59 Resp: 705

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.2	0.2#



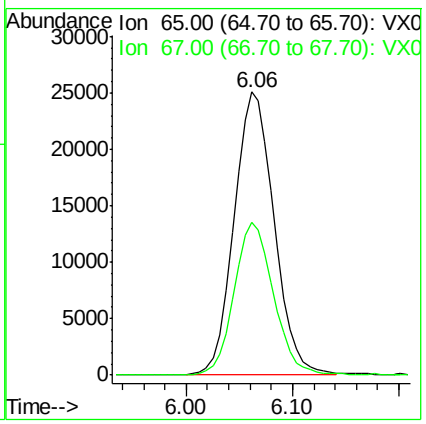


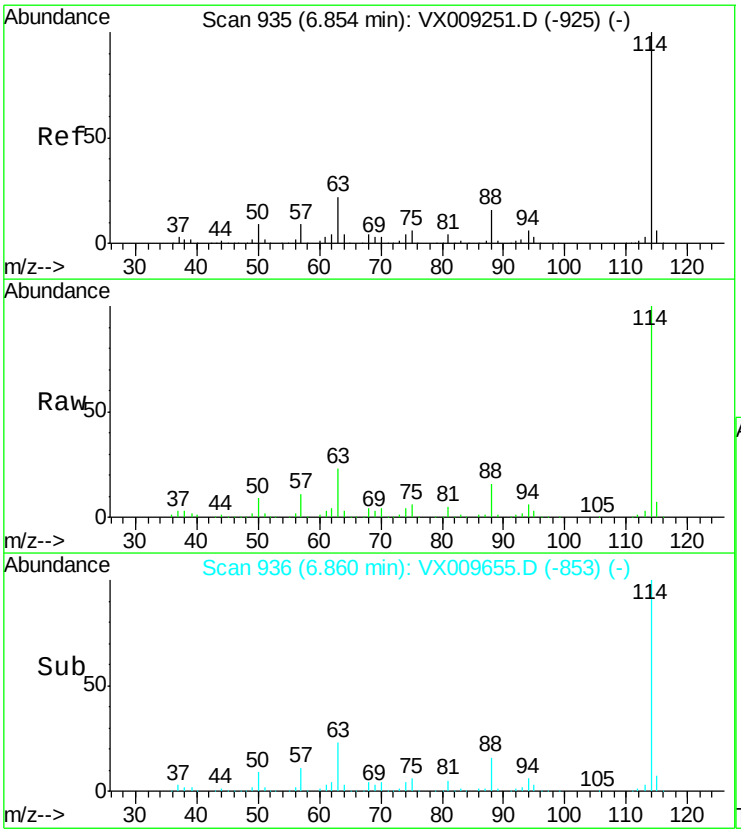
#27
1,2-Dichloroethane-d4
Concen: 30.471 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009655.D
Acq: 17 May 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20190514

Tgt Ion: 65 Resp: 66120

Ion	Ratio	Lower	Upper
65	100		
67	53.2	43.1	64.7

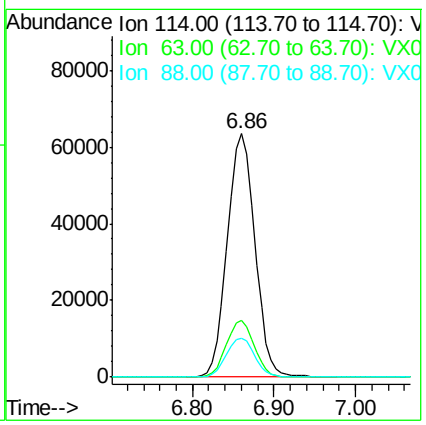


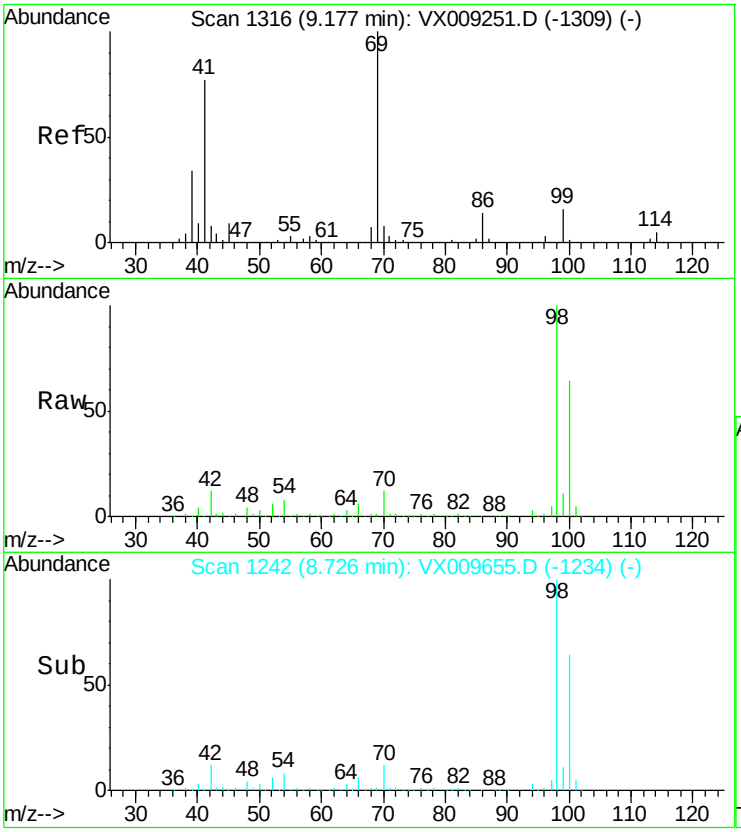


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.01 min
Lab File: VX009655.D
Acq: 17 May 2019 11:46

Tgt Ion:114 Resp: 148738

Ion	Ratio	Lower	Upper
114	100		
63	23.3	18.0	27.0
88	16.6	13.4	20.0



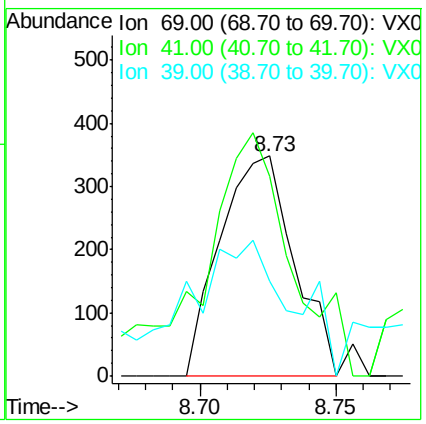


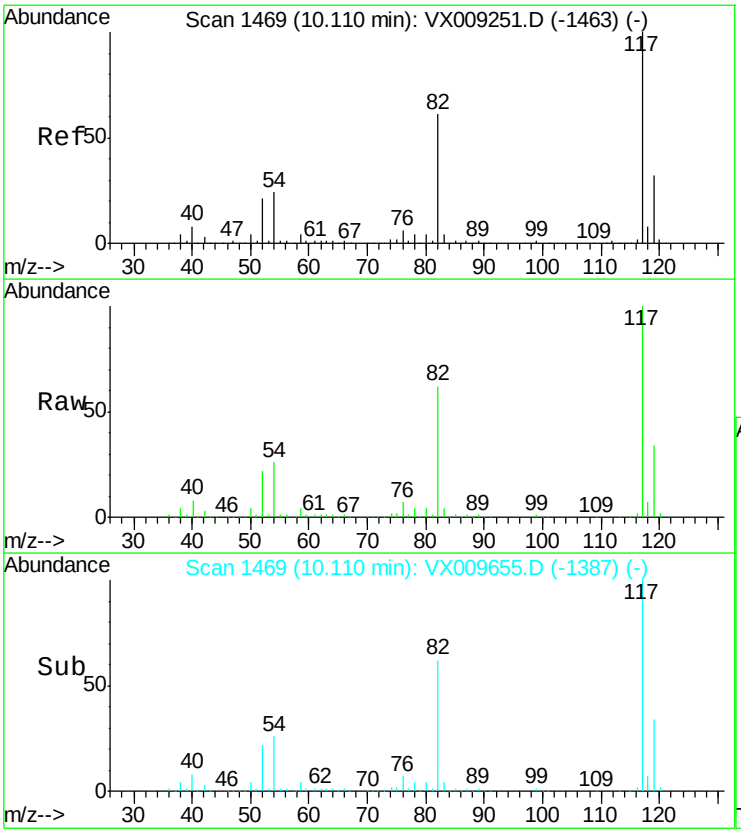
#51
Ethyl methacrylate
Concen: 0.213 ug/l
RT: 8.73 min Scan# 1242
Delta R.T. -0.45 min
Lab File: VX009655.D
Acq: 17 May 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20190514

Tgt Ion: 69 Resp: 657

Ion	Ratio	Lower	Upper
69	100		
41	53.2	38.4	115.2
39	43.4	17.2	51.5

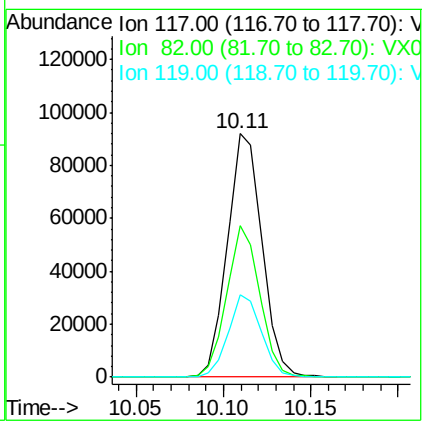


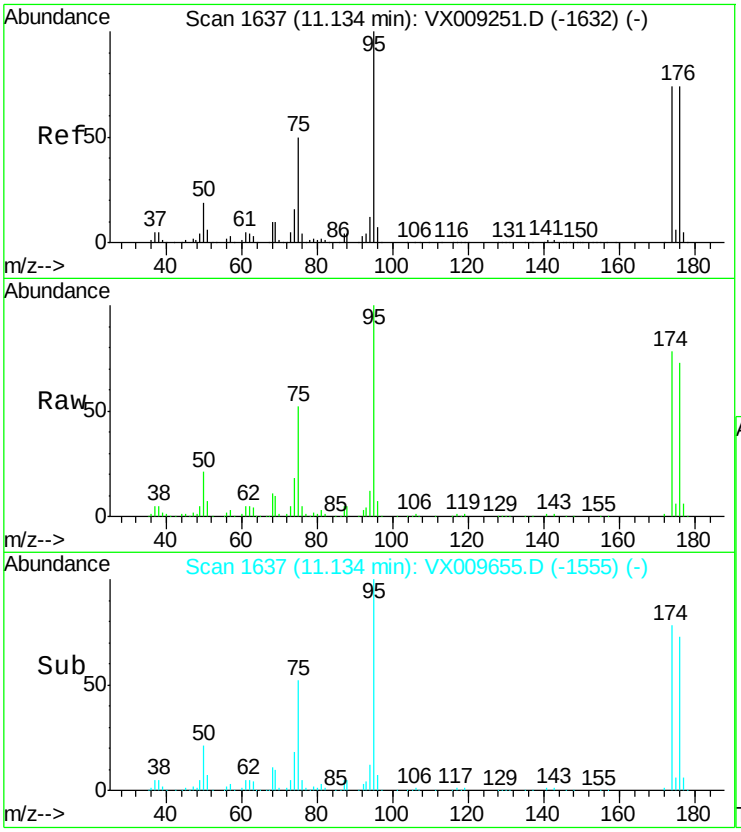


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009655.D
Acq: 17 May 2019 11:46

Tgt Ion:117 Resp: 126979

Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.8	71.8
119	32.5	25.6	38.4



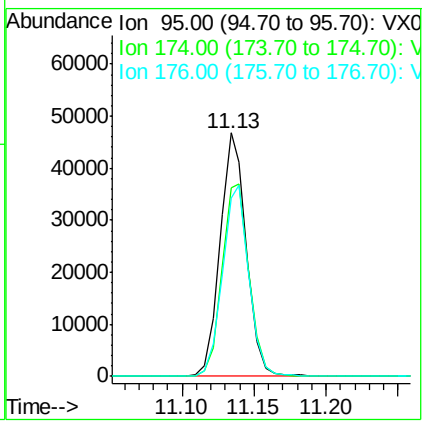


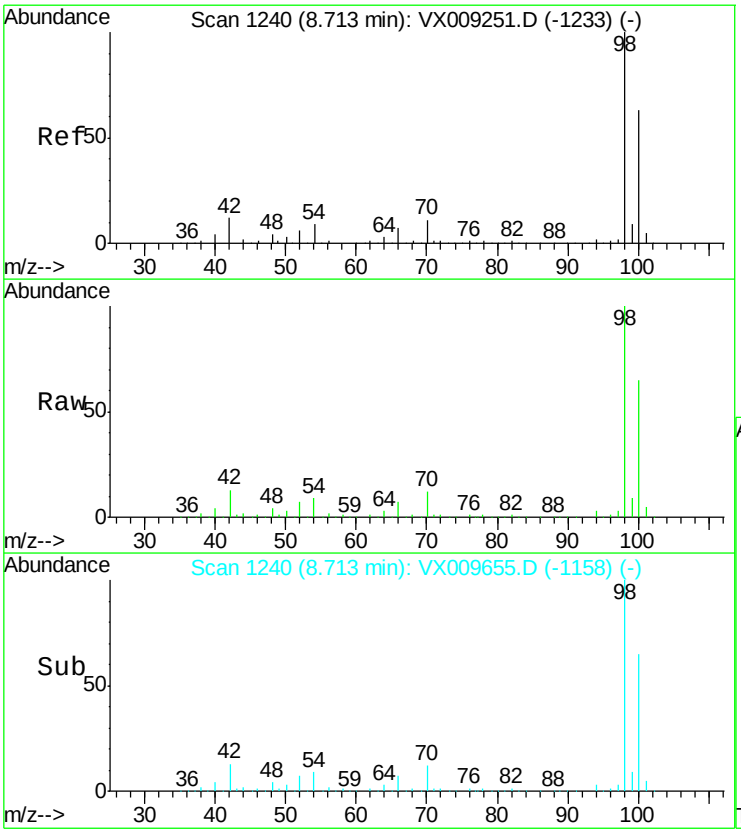
#60
4-Bromofluorobenzene
Concen: 27.714 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009655.D
Acq: 17 May 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20190514

Tgt Ion: 95 Resp: 59797

Ion	Ratio	Lower	Upper
95	100		
174	81.8	63.6	95.4
176	79.0	62.4	93.6

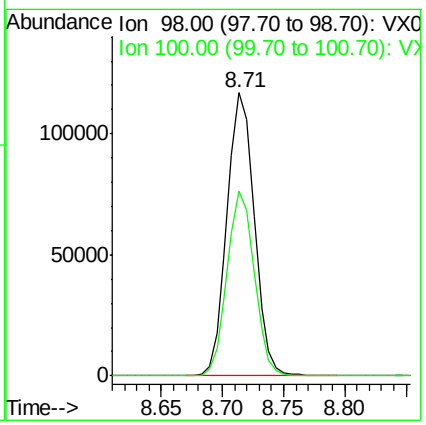


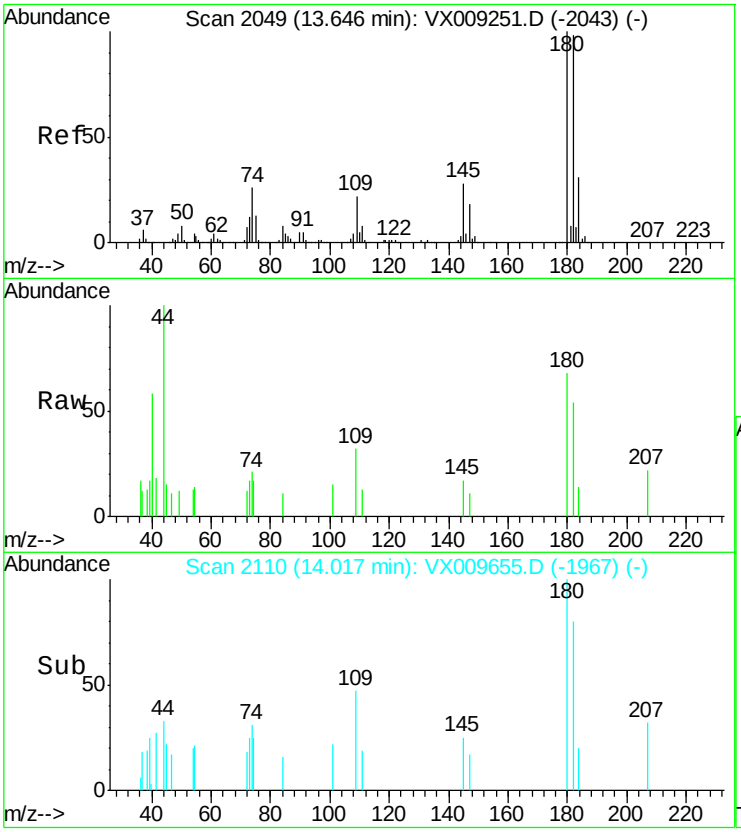


#63
Toluene-d8
Concen: 30.162 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009655.D
Acq: 17 May 2019 11:46

Tgt Ion: 98 Resp: 181583

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.3	78.5





#89
1,2,4-Trichlorobenzene
Concen: 0.202 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.37 min
Lab File: VX009655.D
Acq: 17 May 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20190514

Tgt Ion:180 Resp: 466

Ion	Ratio	Lower	Upper
180	100		
182	82.4	76.9	115.3
145	23.2	23.0	34.6