Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050719\
Data File : VX009373.D
Acq On : 07 May 2019 12:48
Operator : JC/SP
Sample : K2628-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 002M-35TH-AVE(MAY)

Quant Time: May 08 02:12:57 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	5.01	128	30261	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.86	114	173620	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.11	117	150769	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.06	65	75819	30.20	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.67%				
60) 4-Bromofluorobenzene	11.13	95	72430	28.27	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 94.23%				
63) Toluene-d8	8.71	98	214927	30.07	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.23%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	296	0.217	ug/l		96
15) Acetone	2.44	58	402121	1035.171	ug/l		98
16) Carbon Disulfide	2.57	76	1288	0.288	ug/l		99
24) Methyl tert-Butyl Ether	3.20	73	4047	0.625	ug/l		100
30) 2-Butanone	4.69	43	8413	4.217	ug/l	#	79
56) Bromoform	11.14	173	364	0.245	ug/l	#	1
58) 4-Methyl-2-Pentanone	8.64	43	5998	1.618	ug/l		97
62) Toluene	8.78	91	43796	5.436	ug/l		100
67) m/p-Xylenes	10.35	106	2142	0.654	ug/l		95
68) o-Xylene	10.70	106	1252	0.389	ug/l		92
77) t-1,4-Dichloro-2-butene	11.13	75	36601	33.179	ug/l	#	10
79) tert-butylbenzene	12.06	119	2445	0.345	ug/l		67
80) 1,2,4-Trimethylbenzene	11.80	105	5317	0.723	ug/l		86
82) p-Isopropyltoluene	12.06	119	2445	0.319	ug/l		95

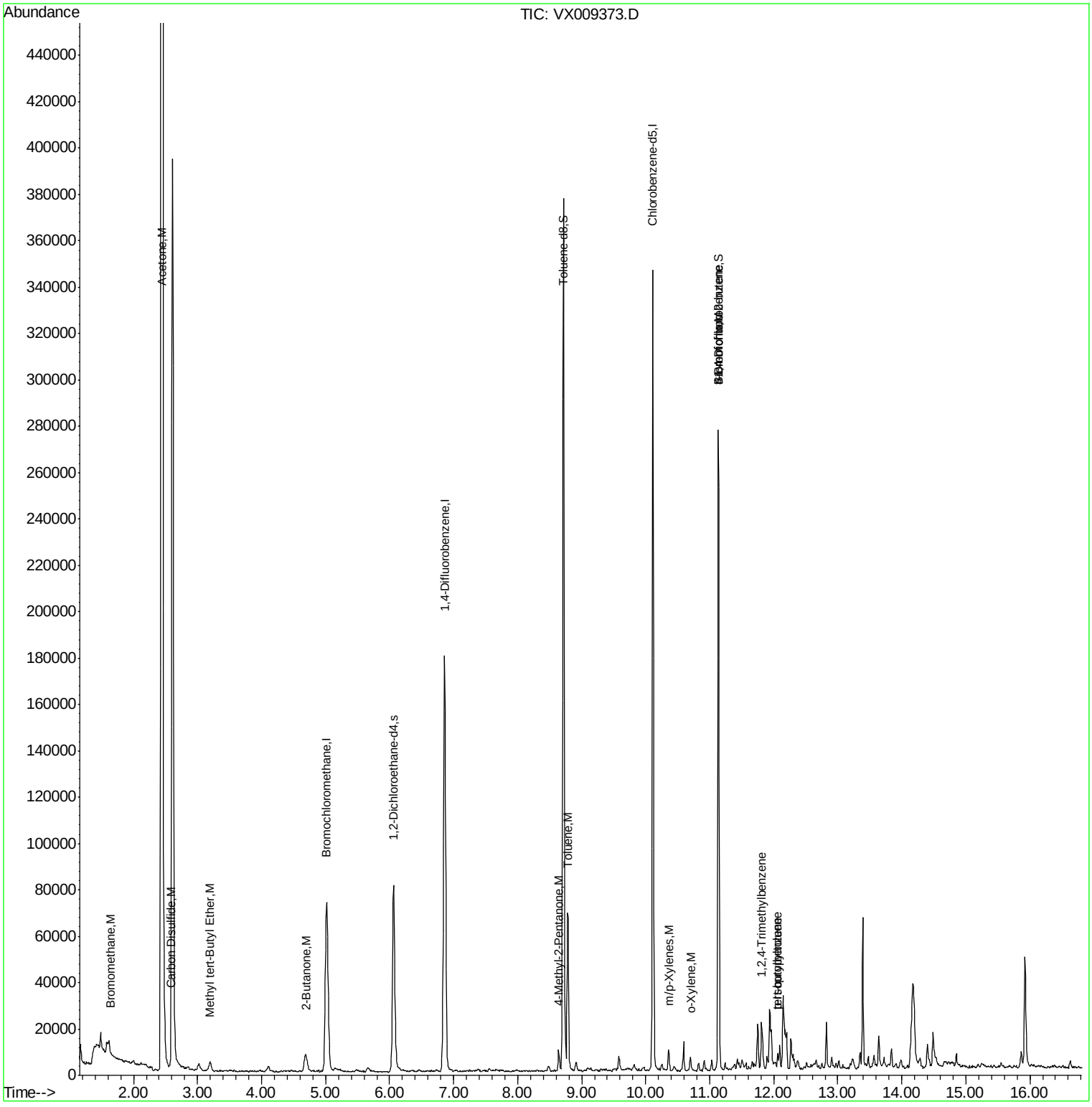
(#) = qualifier out of range (m) = manual integration (+) = signals summed

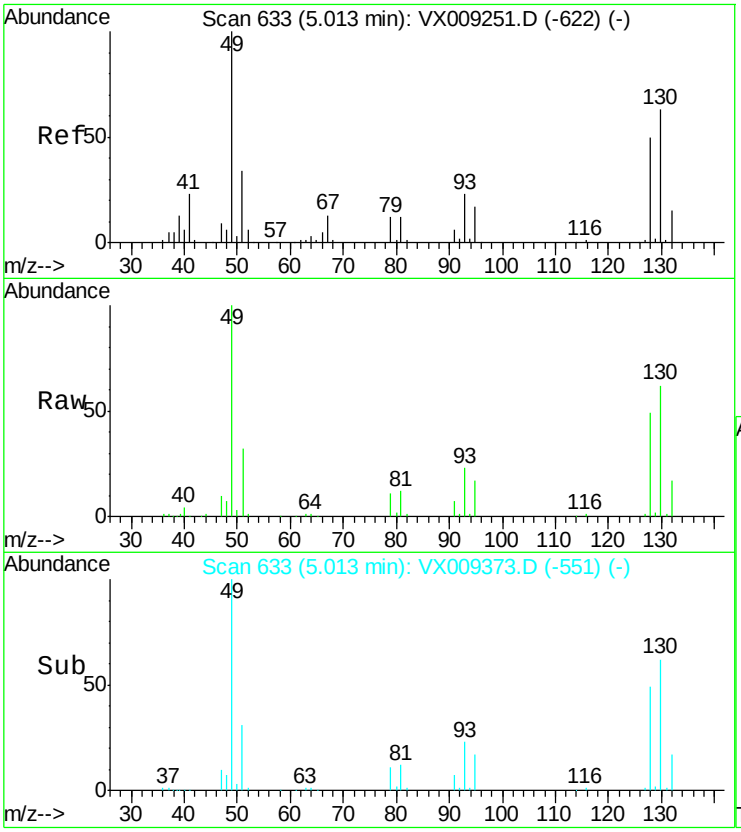
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050719\
Data File : VX009373.D
Acq On : 07 May 2019 12:48
Operator : JC/SP
Sample : K2628-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
002M-35TH-AVE(MAY)

Quant Time: May 08 02:12:57 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



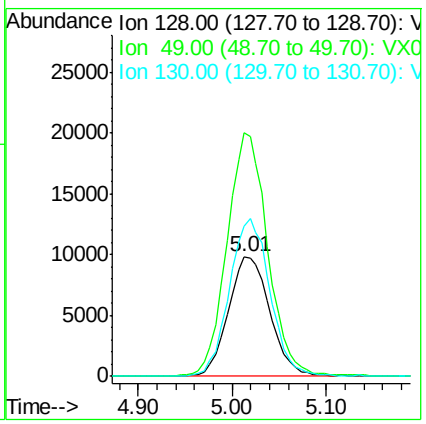


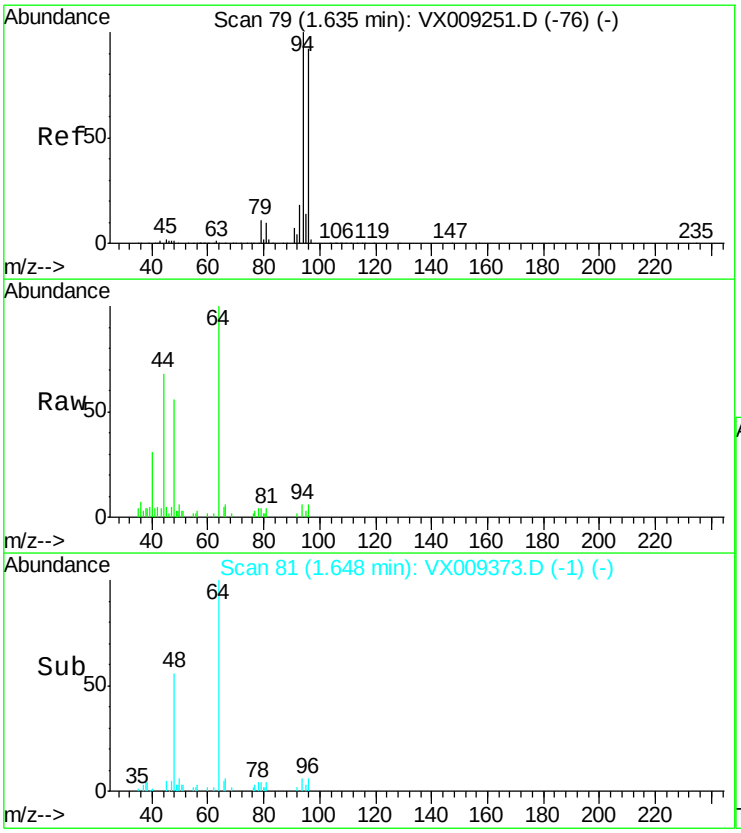
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Instrument :
MSVOA_F
ClientSampleId :
002M-35TH-AVE(MAY)

Tgt Ion:128 Resp: 30261

Ion	Ratio	Lower	Upper
128	100		
49	198.3	0.0	515.0
130	128.7	0.0	323.3

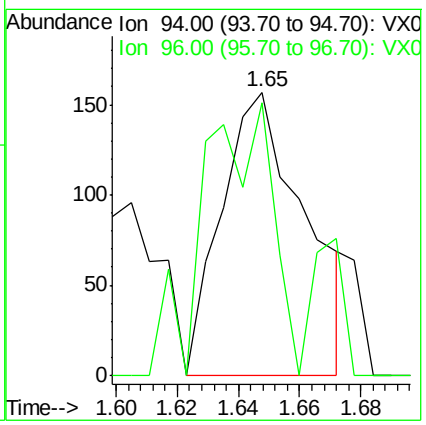


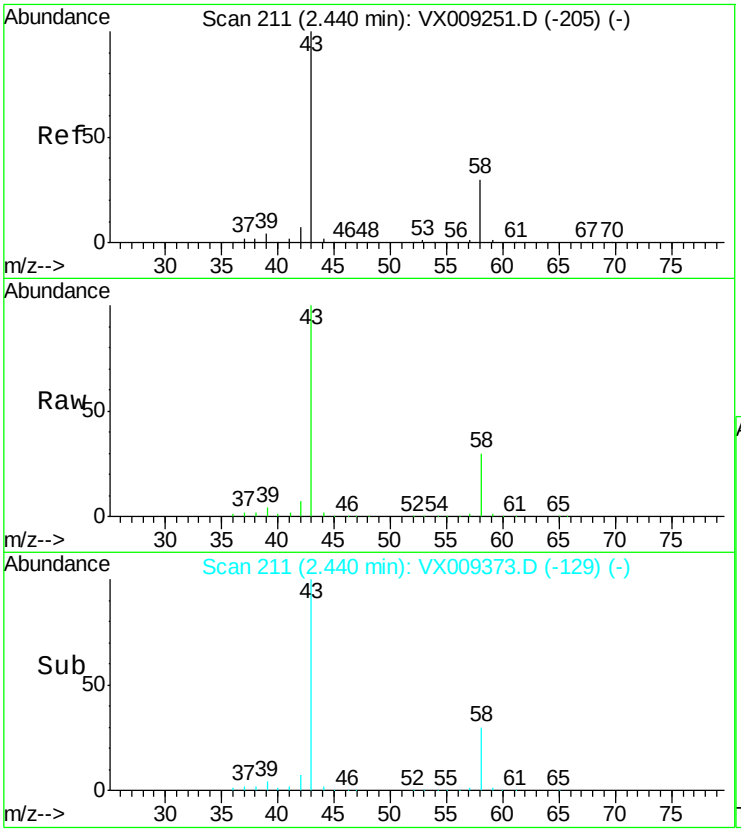


#5
Bromomethane
Concen: 0.217 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Tgt Ion: 94 Resp: 296

Ion	Ratio	Lower	Upper
94	100		
96	96.2	73.5	110.3



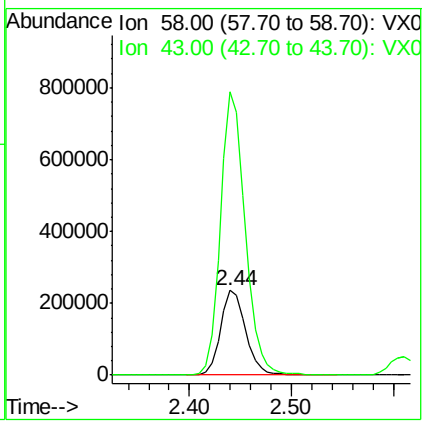


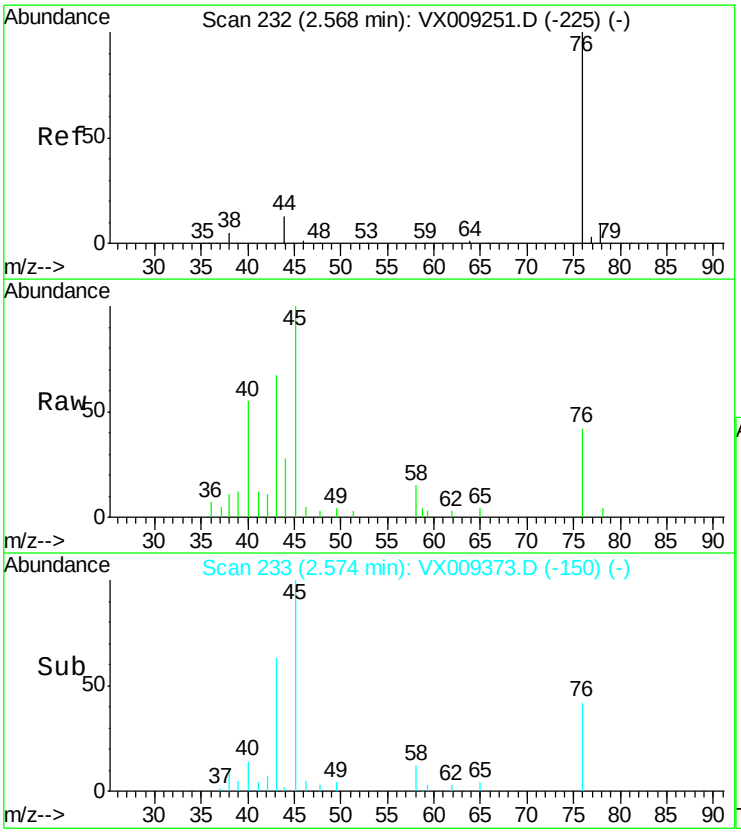
#15
Acetone
Concen: 1035.171 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Instrument :
MSVOA_F
ClientSampleId :
002M-35TH-AVE(MAY)

Tgt Ion: 58 Resp: 402121

Ion	Ratio	Lower	Upper
58	100		
43	333.5	264.0	396.0

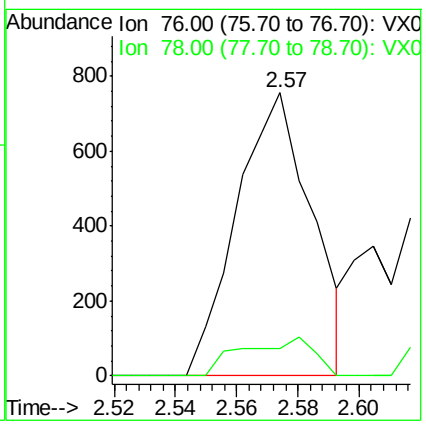


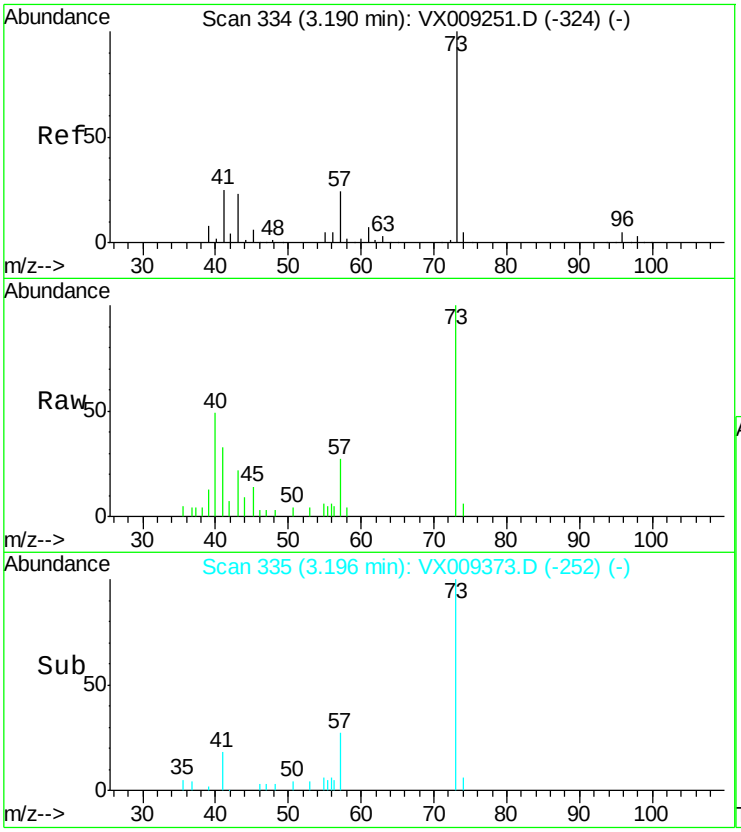


#16
Carbon Disulfide
Concen: 0.288 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Tgt Ion: 76 Resp: 1288

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2



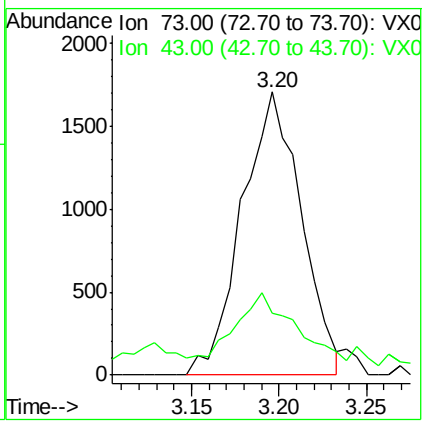


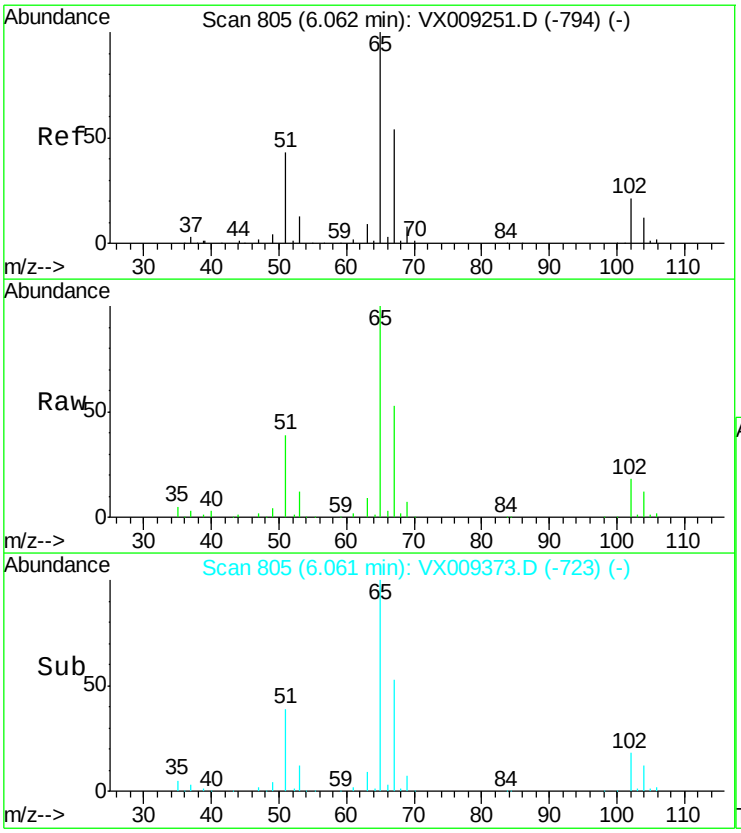
#24
Methyl tert-Butyl Ether
Concen: 0.625 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.01 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Instrument :
MSVOA_F
ClientSampleId :
002M-35TH-AVE(MAY)

Tgt Ion: 73 Resp: 4047

Ion	Ratio	Lower	Upper
73	100		
43	22.1	17.6	26.4

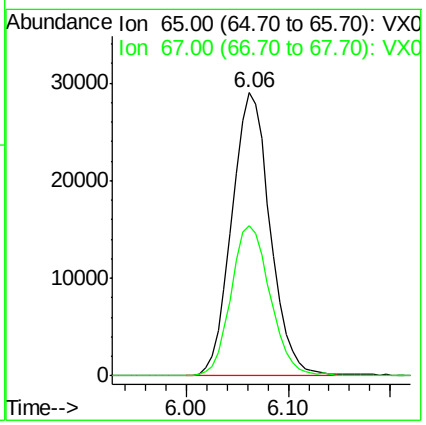


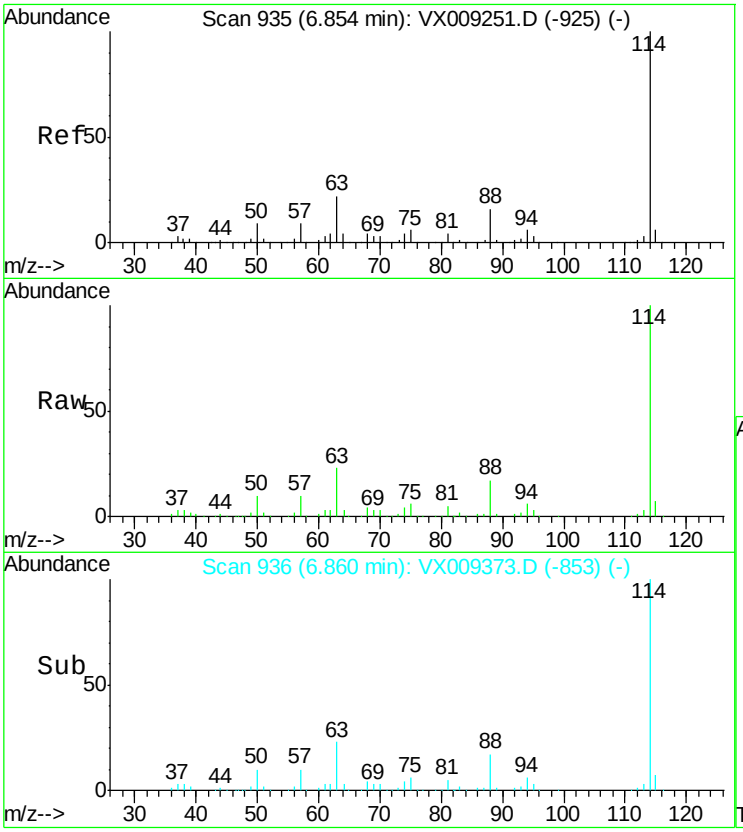


#27
1,2-Dichloroethane-d4
Concen: 30.203 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Tgt Ion: 65 Resp: 75819

Ion	Ratio	Lower	Upper
65	100		
67	53.8	43.1	64.7



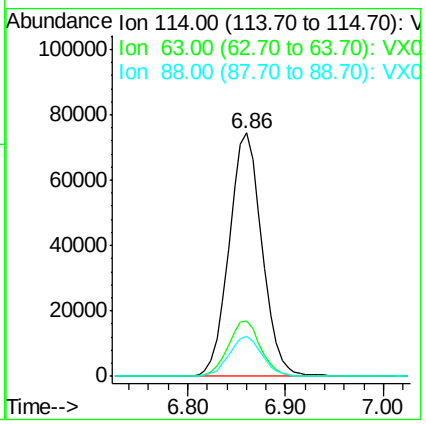


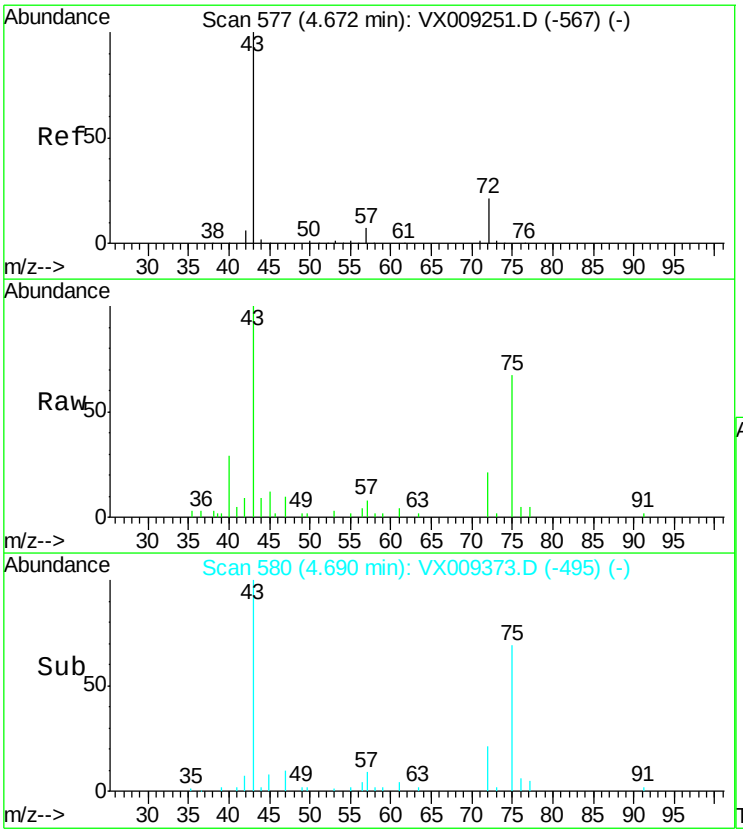
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.01 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Instrument :
MSVOA_F
ClientSampleId :
002M-35TH-AVE(MAY)

Tgt Ion:114 Resp: 173620

Ion	Ratio	Lower	Upper
114	100		
63	22.7	18.0	27.0
88	16.4	13.4	20.0

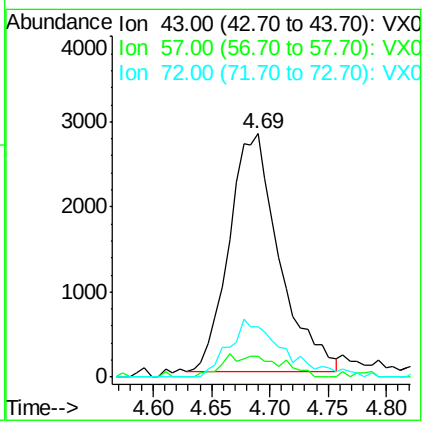


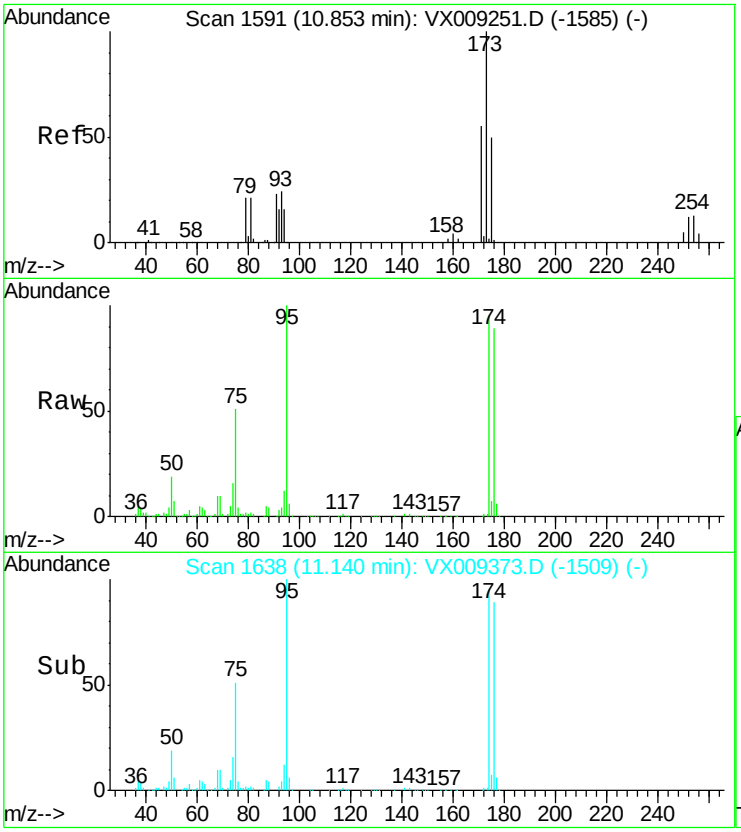


#30
2-Butanone
Concen: 4.217 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Tgt Ion: 43 Resp: 8413

Ion	Ratio	Lower	Upper
43	100		
57	4.0	6.0	9.0#
72	11.0	18.2	27.4#



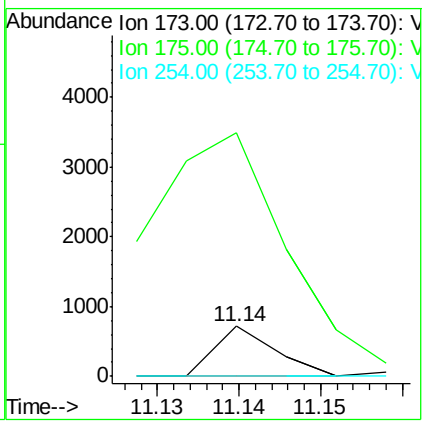


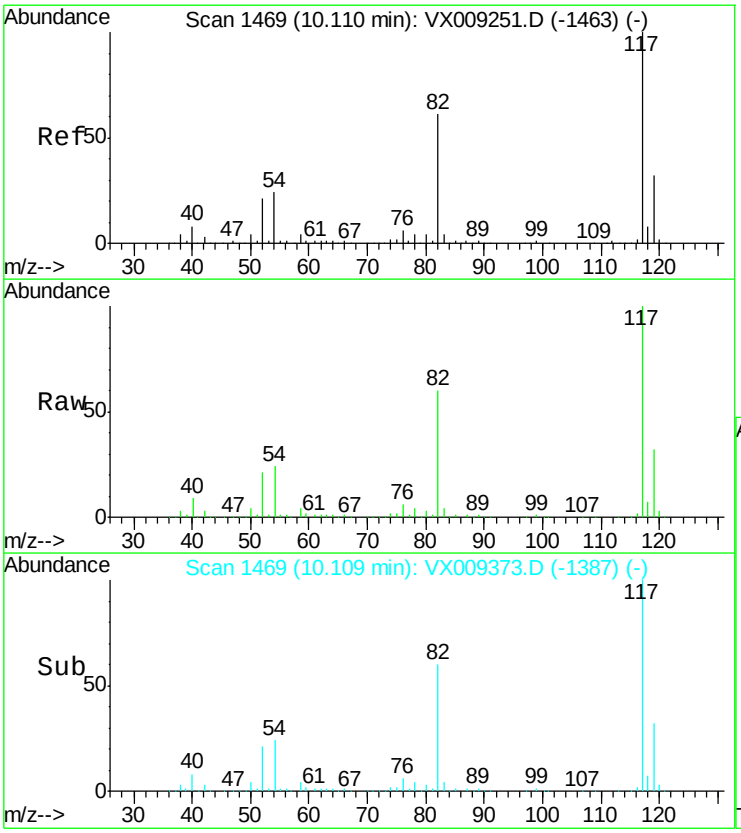
#56
Bromoform
Concen: 0.245 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.29 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Instrument :
MSVOA_F
ClientSampleId :
002M-35TH-AVE(MAY)

Tgt Ion:173 Resp: 364

Ion	Ratio	Lower	Upper
173	100		
175	1213.2	39.4	59.2#
254	0.0	9.9	14.9#

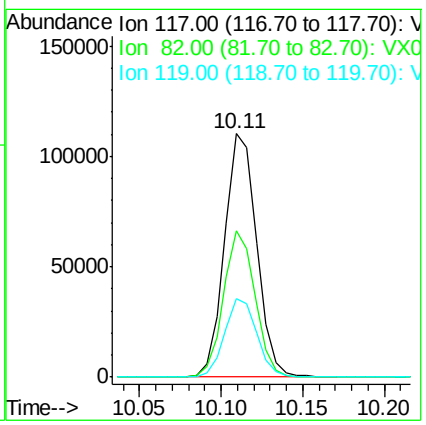


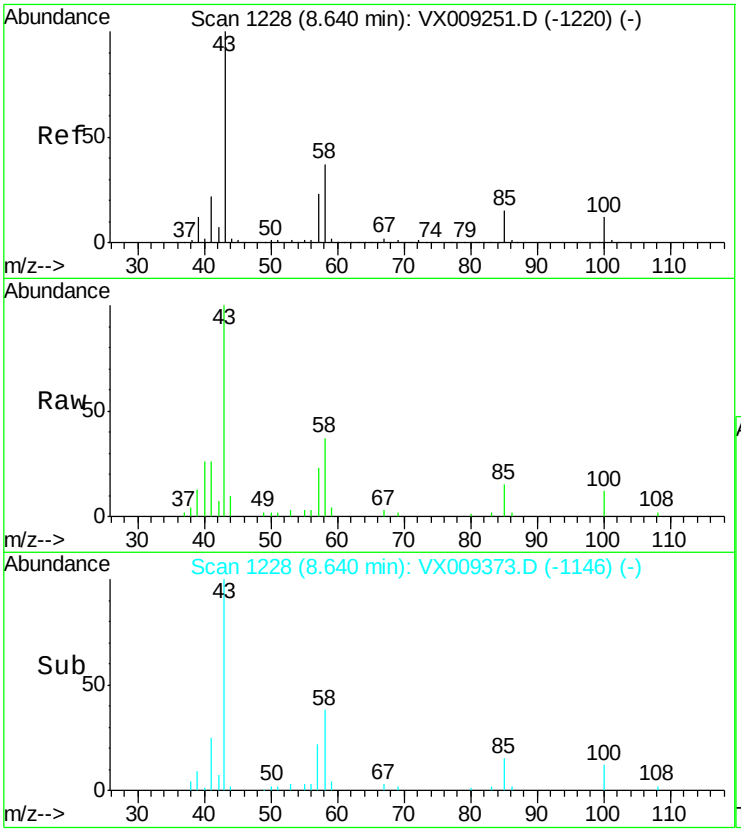


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Tgt Ion:117 Resp: 150769

Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.8	71.8
119	32.4	25.6	38.4



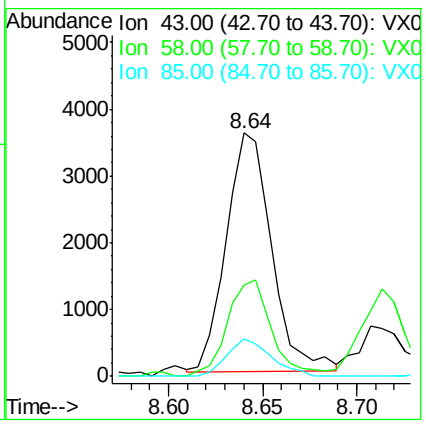


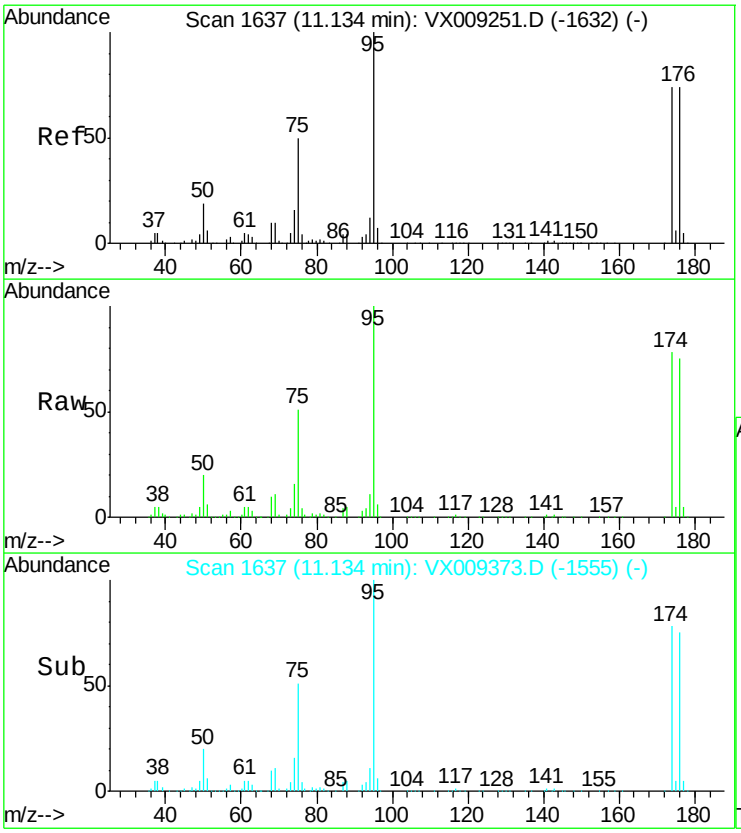
#58
4-Methyl-2-Pentanone
Concen: 1.618 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Instrument :
MSVOA_F
ClientSampleId :
002M-35TH-AVE(MAY)

Tgt Ion: 43 Resp: 5998

Ion	Ratio	Lower	Upper
43	100		
58	39.1	29.4	44.0
85	15.0	11.8	17.8

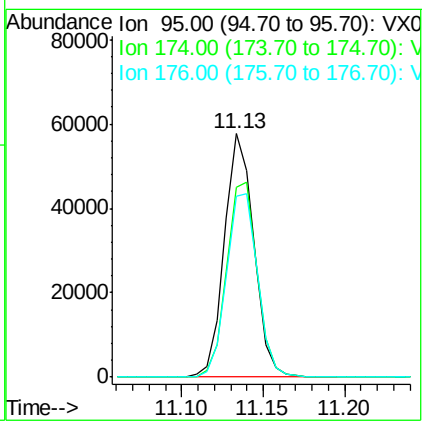


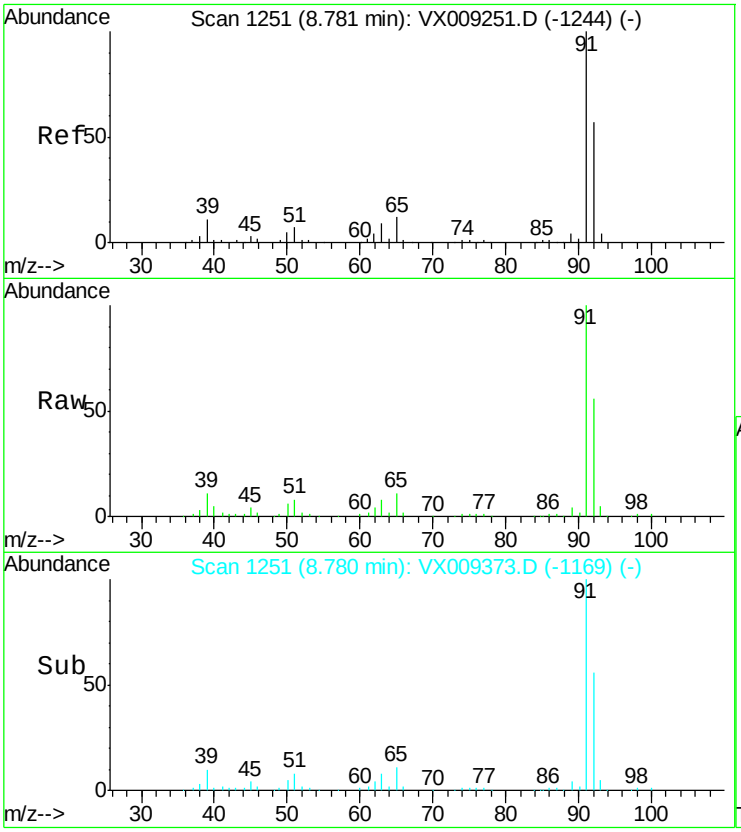


#60
4-Bromofluorobenzene
Concen: 28.272 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Tgt Ion: 95 Resp: 72430

Ion	Ratio	Lower	Upper
95	100		
174	83.2	63.6	95.4
176	79.8	62.4	93.6



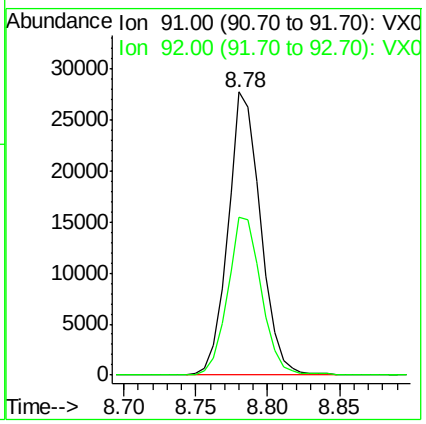


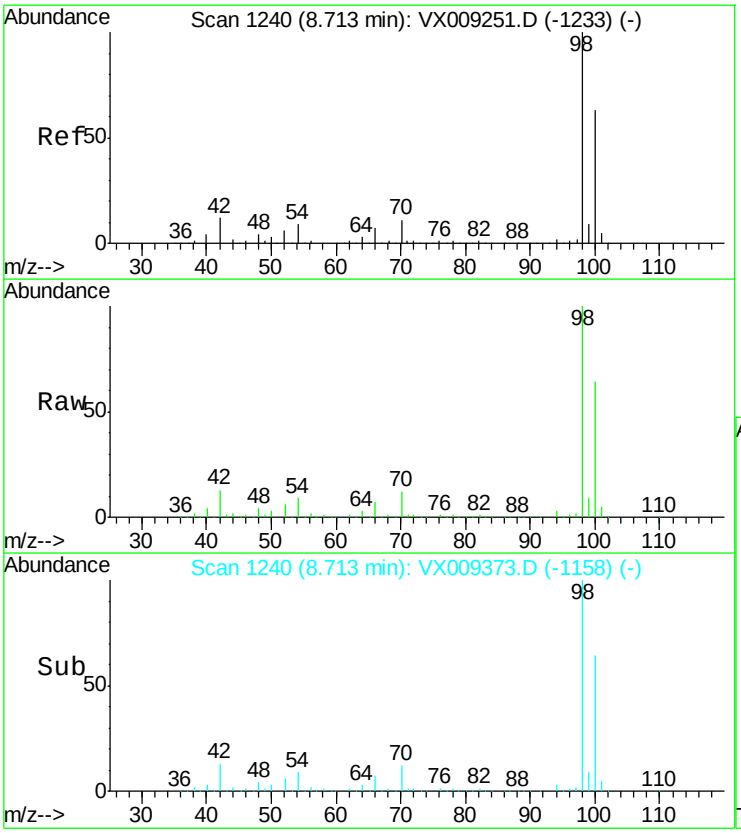
#62
Toluene
Concen: 5.436 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Instrument :
MSVOA_F
ClientSampleId :
002M-35TH-AVE(MAY)

Tgt Ion: 91 Resp: 43796

Ion	Ratio	Lower	Upper
91	100		
92	57.5	46.1	69.1

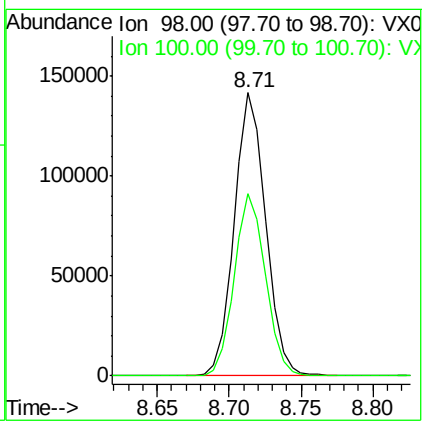


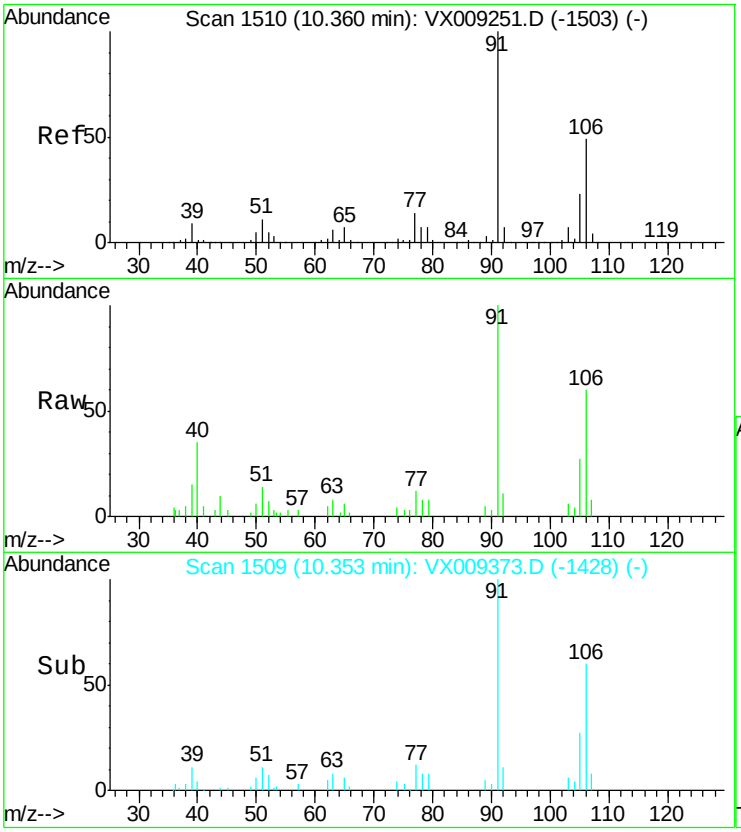


#63
Toluene-d8
Concen: 30.068 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Tgt Ion: 98 Resp: 214927

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.3	78.5



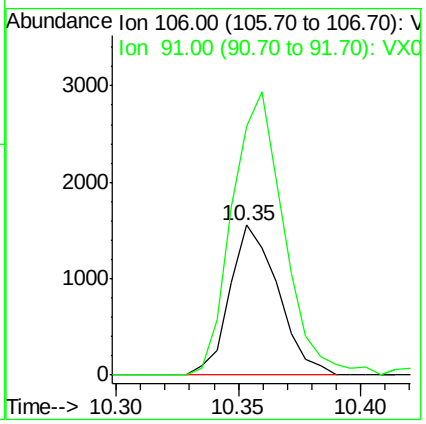


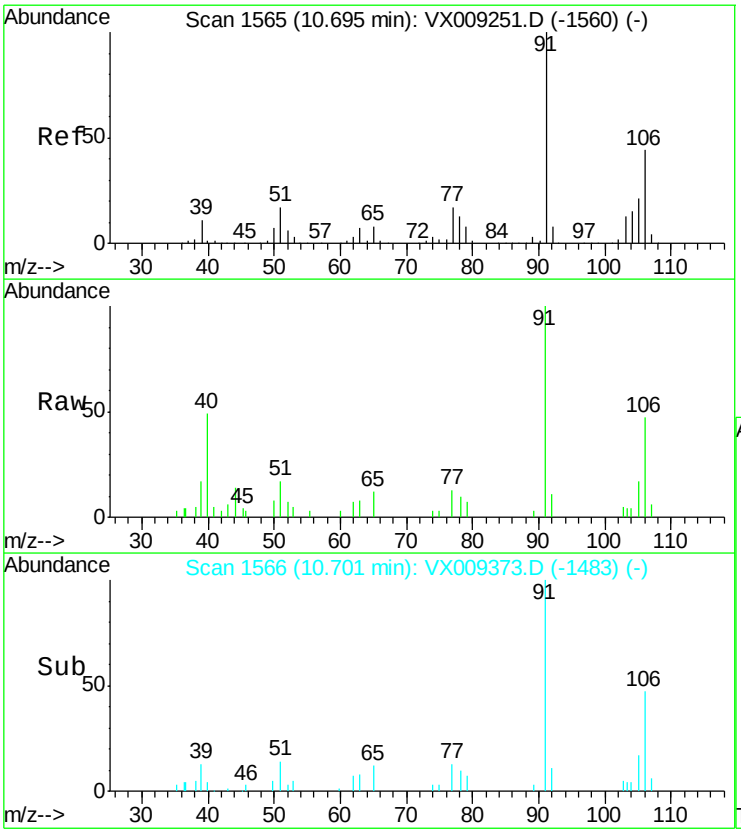
#67
m/p-Xylenes
Concen: 0.654 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Instrument :
MSVOA_F
ClientSampleId :
002M-35TH-AVE(MAY)

Tgt Ion:106 Resp: 2142

Ion	Ratio	Lower	Upper
106	100		
91	200.7	166.8	250.2

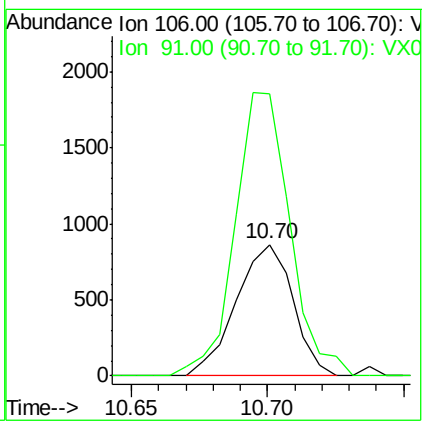


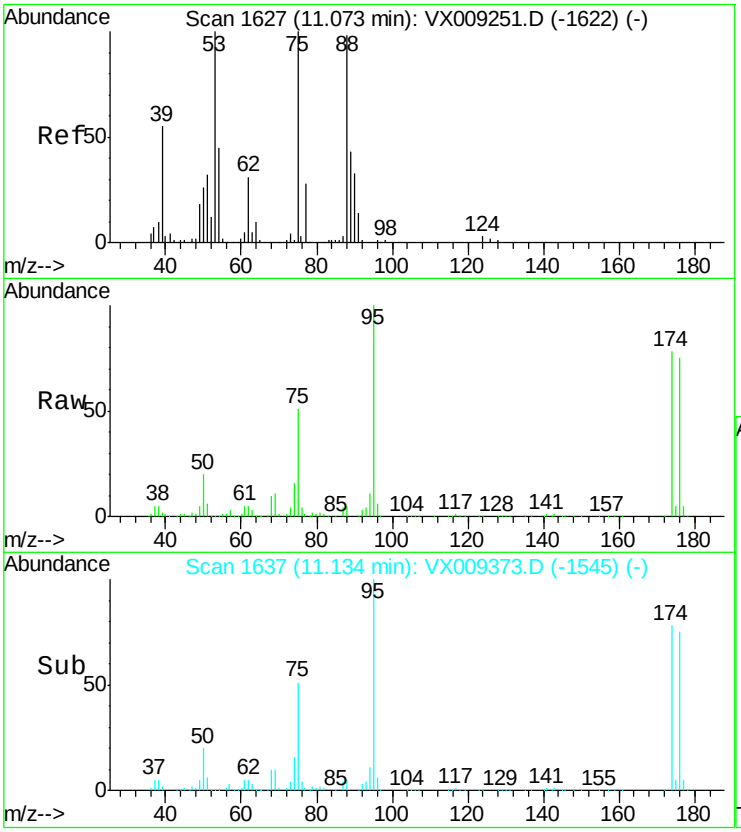


#68
o-Xylene
Concen: 0.389 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Tgt Ion:106 Resp: 1252

Ion	Ratio	Lower	Upper
106	100		
91	208.2	110.8	332.3



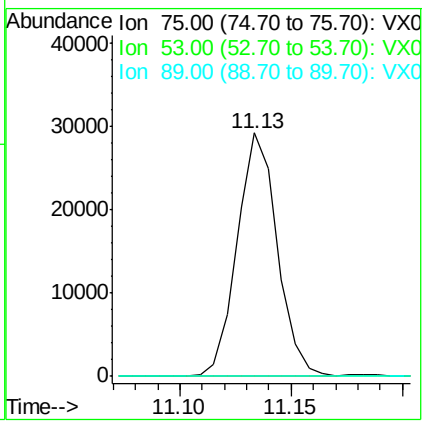


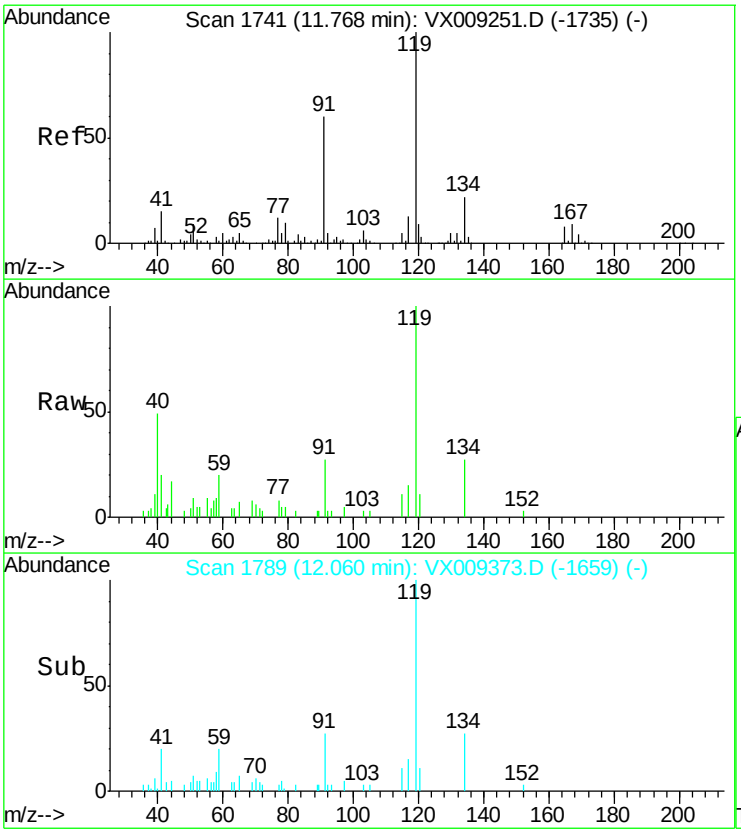
#77
t-1,4-Dichloro-2-butene
Concen: 33.179 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Instrument :
MSVOA_F
ClientSampleId :
002M-35TH-AVE(MAY)

Tgt Ion: 75 Resp: 36601

Ion	Ratio	Lower	Upper
75	100		
53	0.3	50.0	149.8#
89	0.0	21.6	65.0#

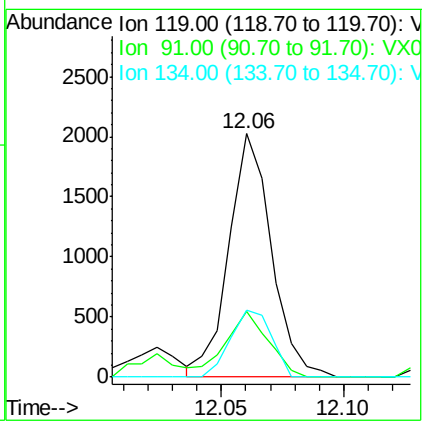


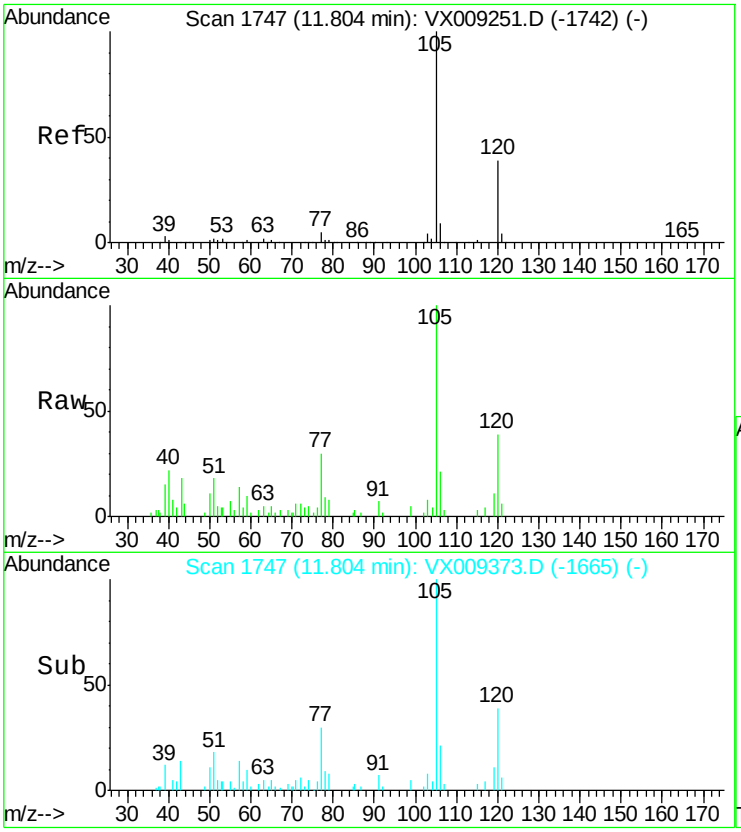


#79
tert-butylbenzene
Concen: 0.345 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.29 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Tgt Ion:119 Resp: 2445

Ion	Ratio	Lower	Upper
119	100		
91	27.1	0.0	118.2
134	26.4	0.0	45.0



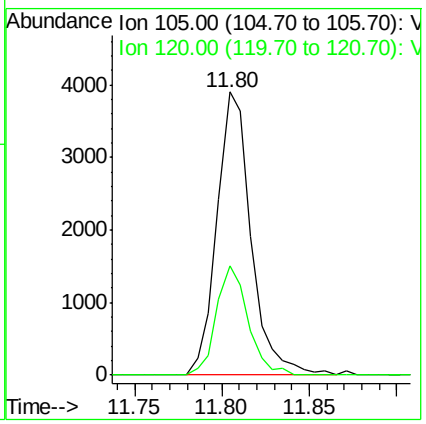


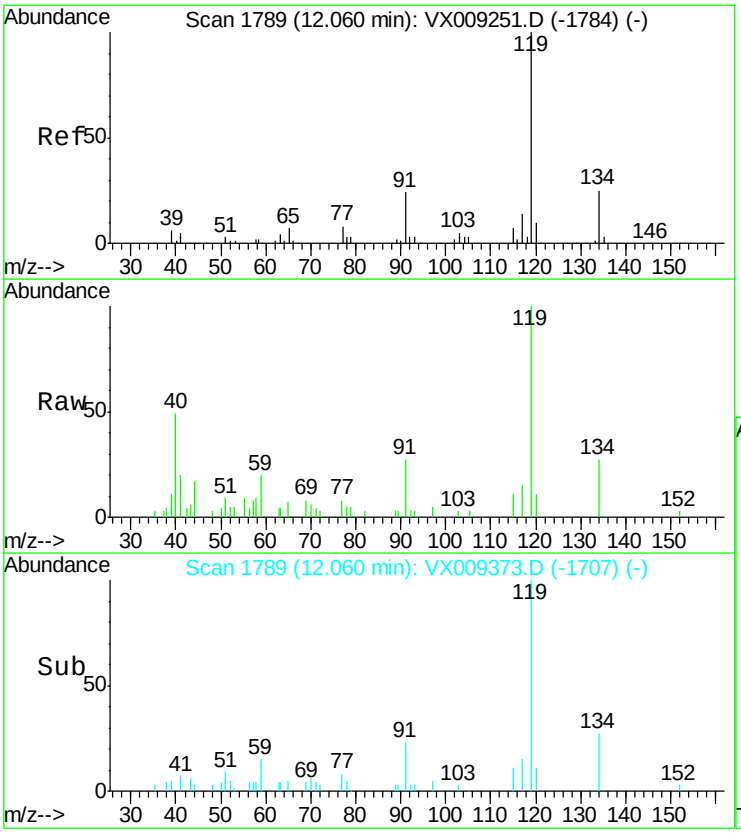
#80
1,2,4-Trimethylbenzene
Concen: 0.723 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Instrument :
MSVOA_F
ClientSampleId :
002M-35TH-AVE(MAY)

Tgt Ion:105 Resp: 5317

Ion	Ratio	Lower	Upper
105	100		
120	35.7	0.0	89.6





#82
p-Isopropyltoluene
Concen: 0.319 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX009373.D
Acq: 07 May 2019 12:48

Tgt Ion:119 Resp: 2445

Ion	Ratio	Lower	Upper
119	100		
134	26.4	0.0	50.8
91	27.1	0.0	47.2