Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020819\
Data File : VX007445.D
Acq On : 08 Feb 2019 16:36
Operator : JC/SP
Sample : K1415-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Feb 08 23:01:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X012519W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 28 10:35:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	79241	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	419430	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	376312	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	155328	29.86	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.53%			
60) 4-Bromofluorobenzene	11.13	95	175481	30.21	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 100.70%			
63) Toluene-d8	8.71	98	497389	29.32	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 97.73%			
Target Compounds						Qvalue
6) Chloroethane	2.19	64	681	0.224	ug/l	92
13) Acrolein	2.10	56	117	0.232	ug/l	84
15) Acetone	2.45	58	1263186	1704.249	ug/l	94
16) Carbon Disulfide	2.64	76	2446	0.248	ug/l	99
18) Methylene Chloride	2.87	84	1185	0.251	ug/l #	65
23) tert-Butyl Alcohol	3.07	59	1249	1.140	ug/l #	93
24) Methyl tert-Butyl Ether	3.21	73	5276	0.368	ug/l #	65
30) 2-Butanone	4.70	43	20597	6.304	ug/l #	94
45) 1,4-Dioxane	7.76	88	97	0.841	ug/l #	1
58) 4-Methyl-2-Pentanone	8.65	43	13996	2.224	ug/l #	96
59) 2-Hexanone	9.49	43	1030	0.212	ug/l #	90
62) Toluene	8.78	91	287252	15.165	ug/l	100
67) m/p-Xylenes	10.35	106	2611	0.322	ug/l	93
68) o-Xylene	10.70	106	1627	0.205	ug/l	82
79) tert-butylbenzene	12.06	119	16041	0.845	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	13299	0.749	ug/l	60
82) p-Isopropyltoluene	12.06	119	16041	0.845	ug/l	96
91) Naphthalene	13.83	128	4884	0.228	ug/l #	94

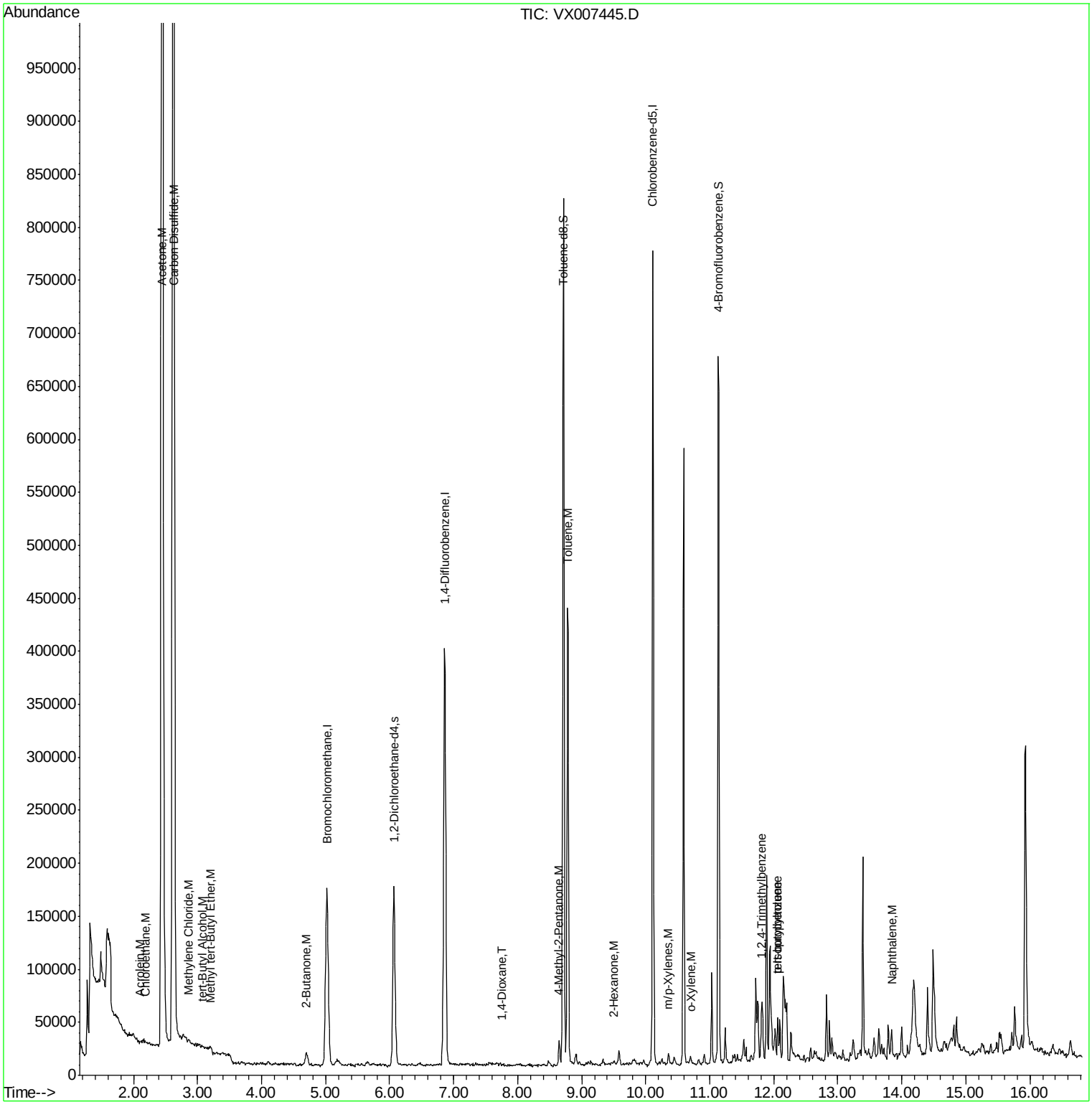
(#) = qualifier out of range (m) = manual integration (+) = signals summed

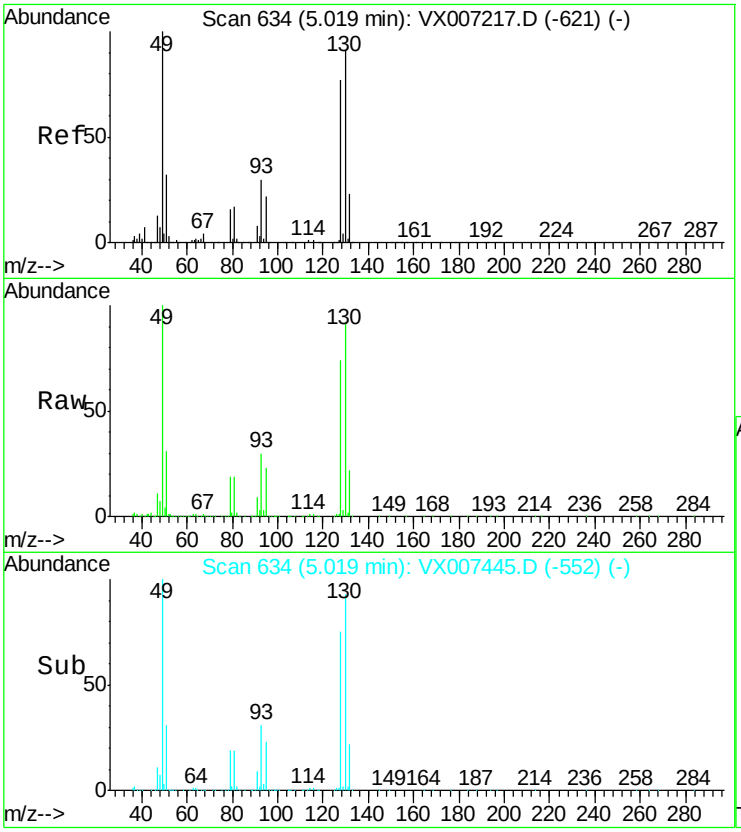
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020819\
Data File : VX007445.D
Acq On : 08 Feb 2019 16:36
Operator : JC/SP
Sample : K1415-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 08 23:01:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X012519W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 28 10:35:22 2019
Response via : Initial Calibration



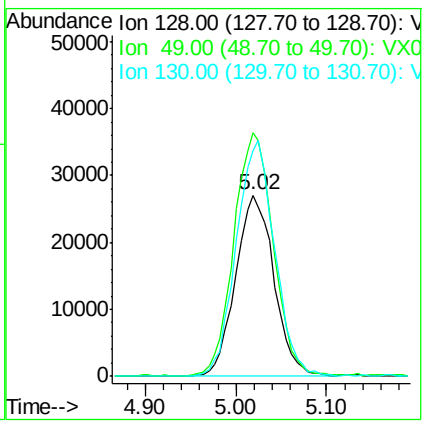


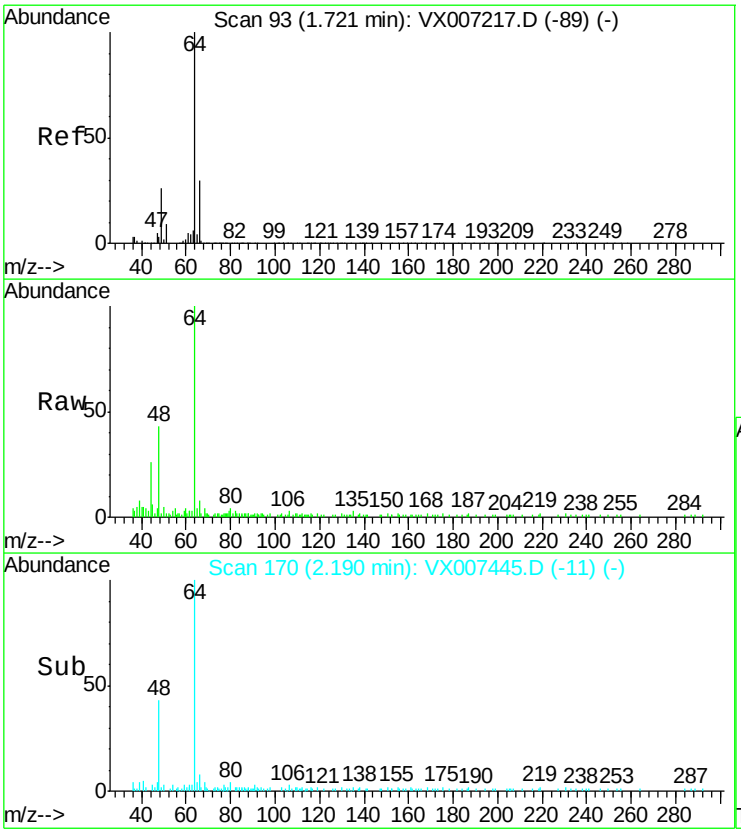
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 79241

Ion	Ratio	Lower	Upper
128	100		
49	138.0	0.0	345.5
130	130.0	0.0	320.0

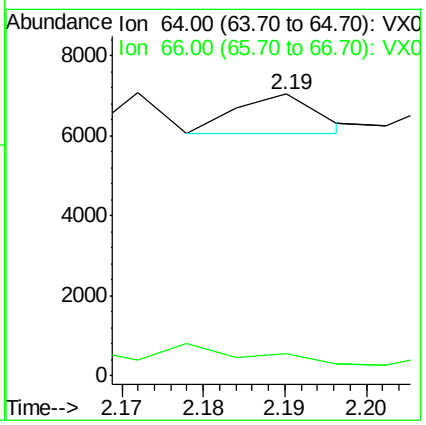


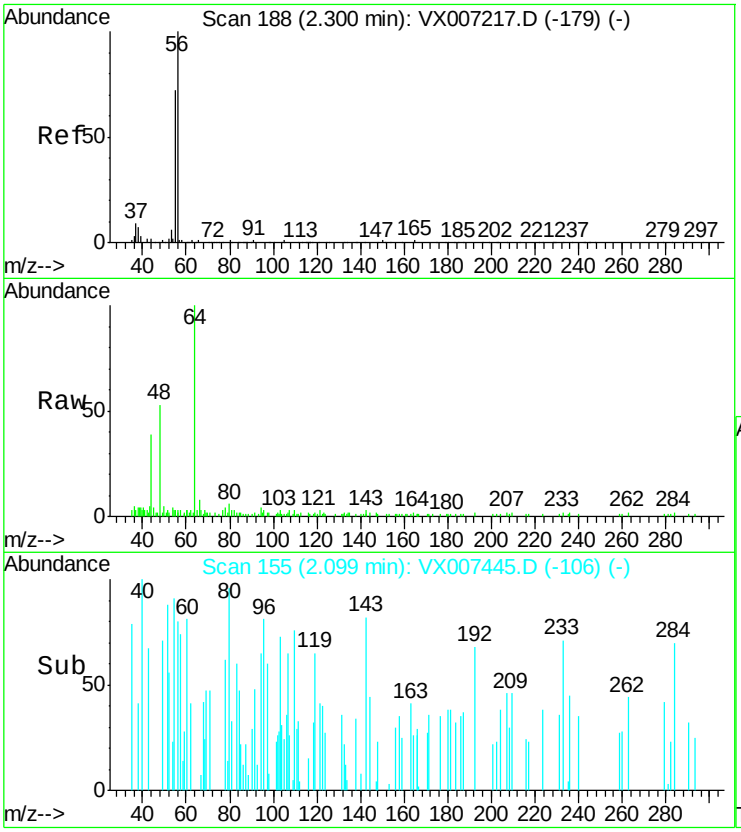


#6
Chloroethane
Concen: 0.224 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.47 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Tgt Ion: 64 Resp: 681

Ion	Ratio	Lower	Upper
64	100		
66	25.7	24.2	36.2



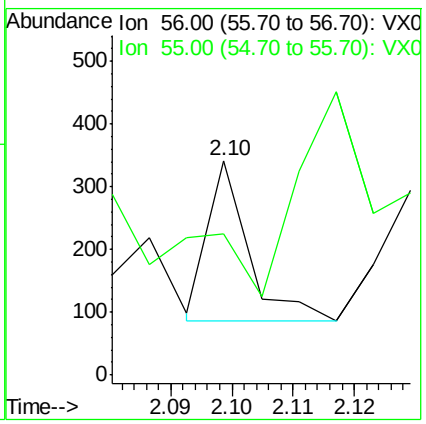


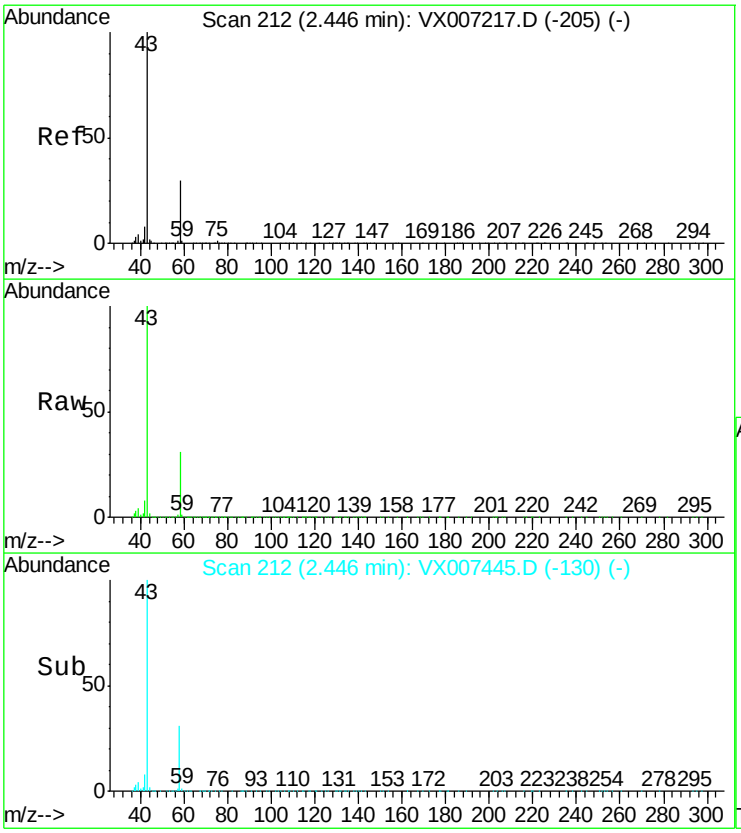
#13
Acrolein
Concen: 0.232 ug/l
RT: 2.10 min Scan# 155
Delta R.T. -0.20 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 117

Ion	Ratio	Lower	Upper
56	100		
55	59.8	58.6	87.8

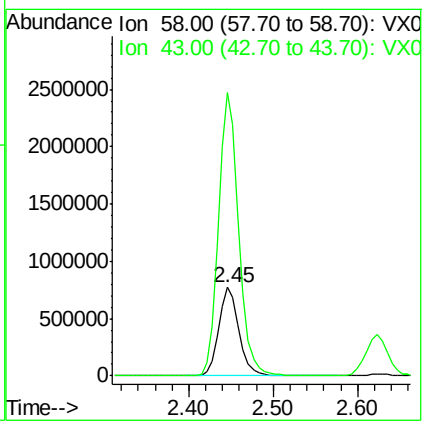


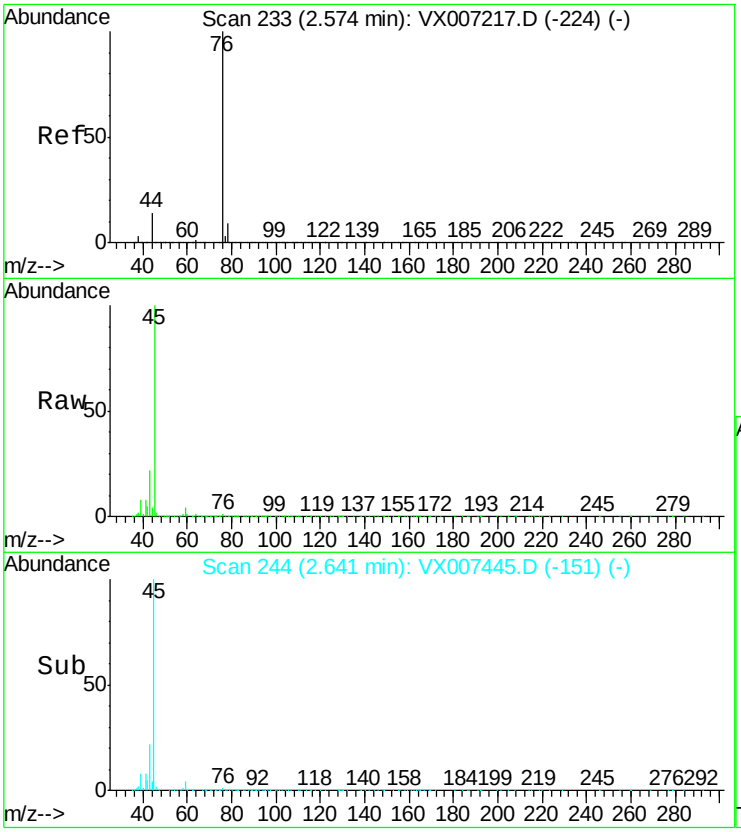


#15
Acetone
Concen: 1704.249 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Tgt Ion: 58 Resp: 1263186

Ion	Ratio	Lower	Upper
58	100		
43	320.7	265.9	398.9



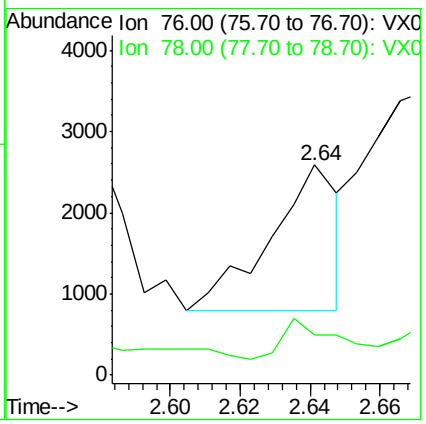


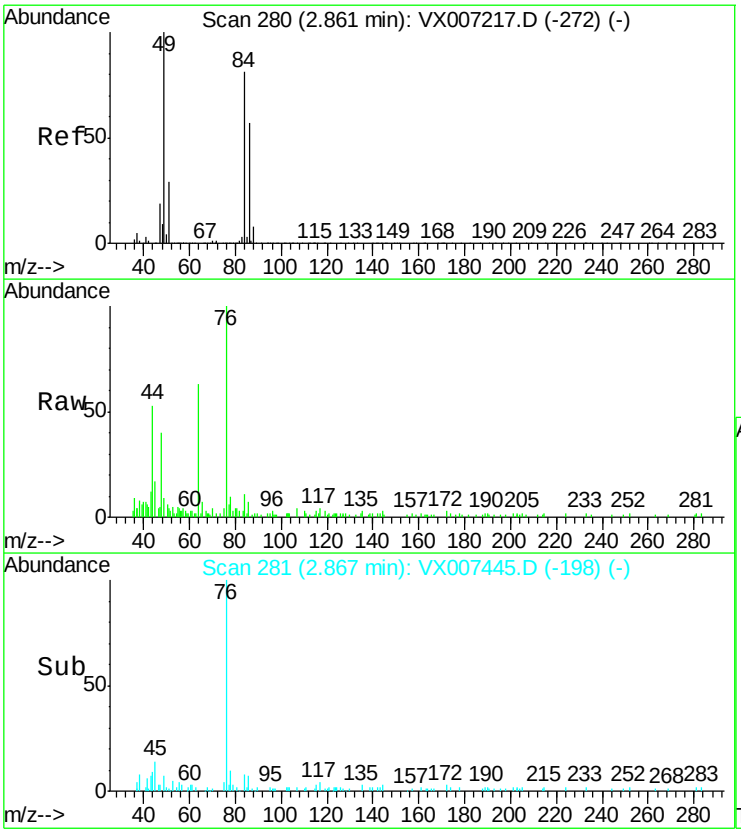
#16
Carbon Disulfide
Concen: 0.248 ug/l
RT: 2.64 min Scan# 244
Delta R.T. 0.07 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 2446

Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.7	11.5

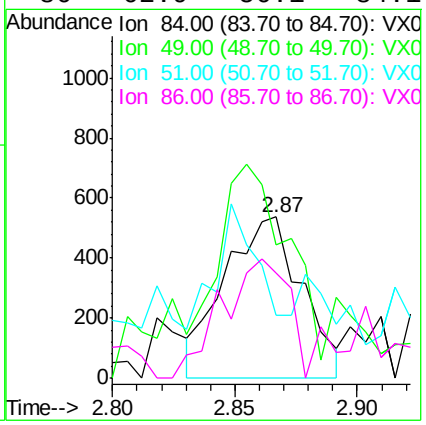


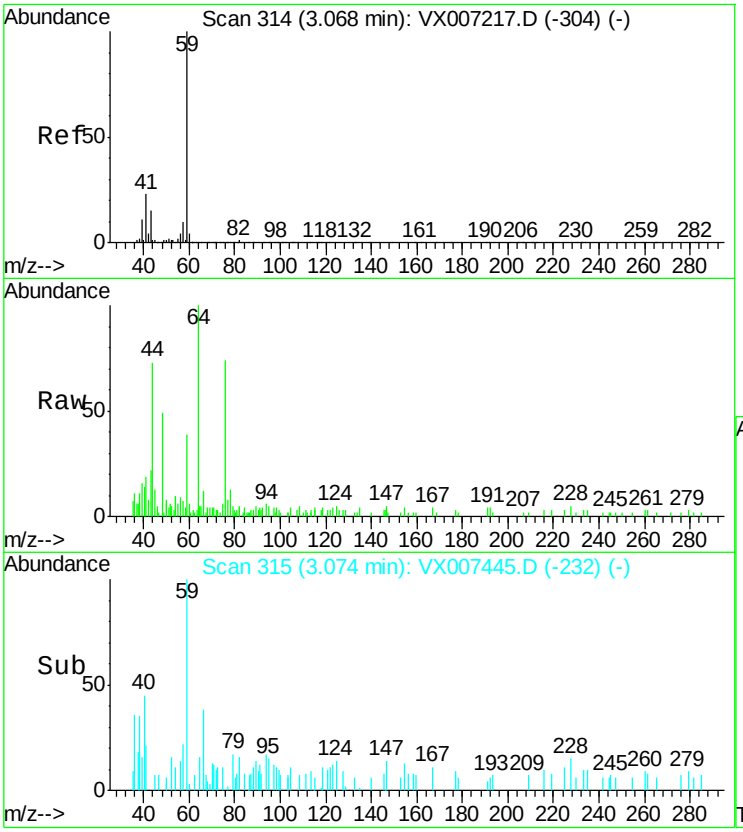


#18
Methylene Chloride
Concen: 0.251 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Tgt Ion: 84 Resp: 1185

Ion	Ratio	Lower	Upper
84	100		
49	68.2	98.4	147.6#
51	11.4	28.9	43.3#
86	62.9	56.1	84.1



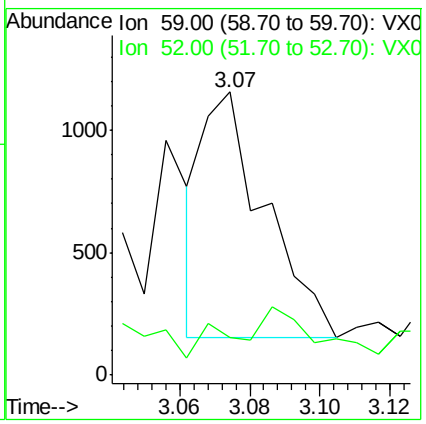


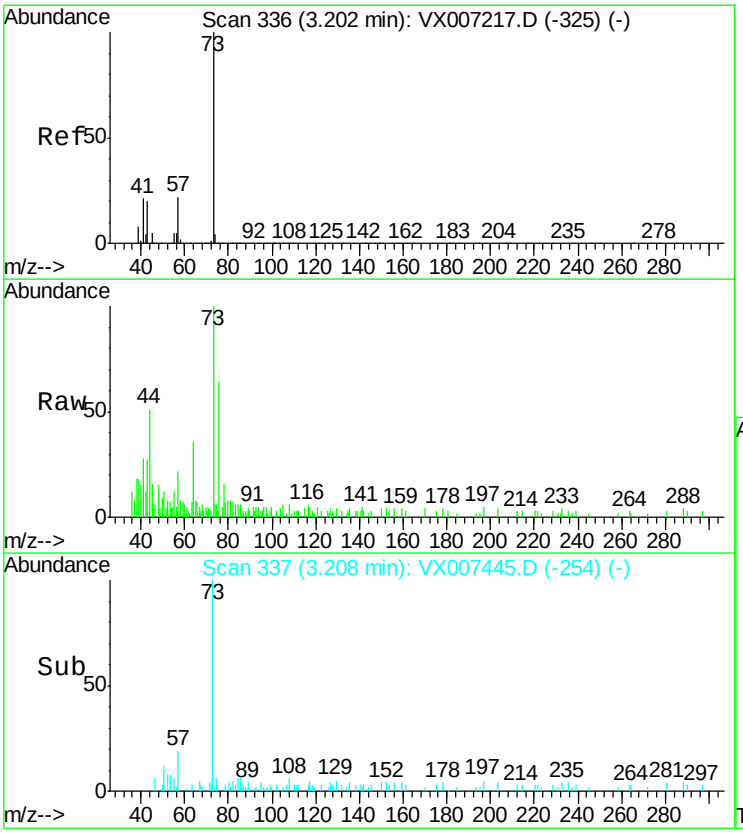
#23
tert-Butyl Alcohol
Concen: 1.140 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1249

Ion	Ratio	Lower	Upper
59	100		
52	8.7	0.2	0.2#

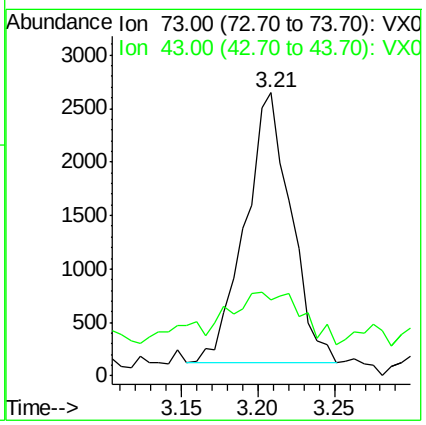


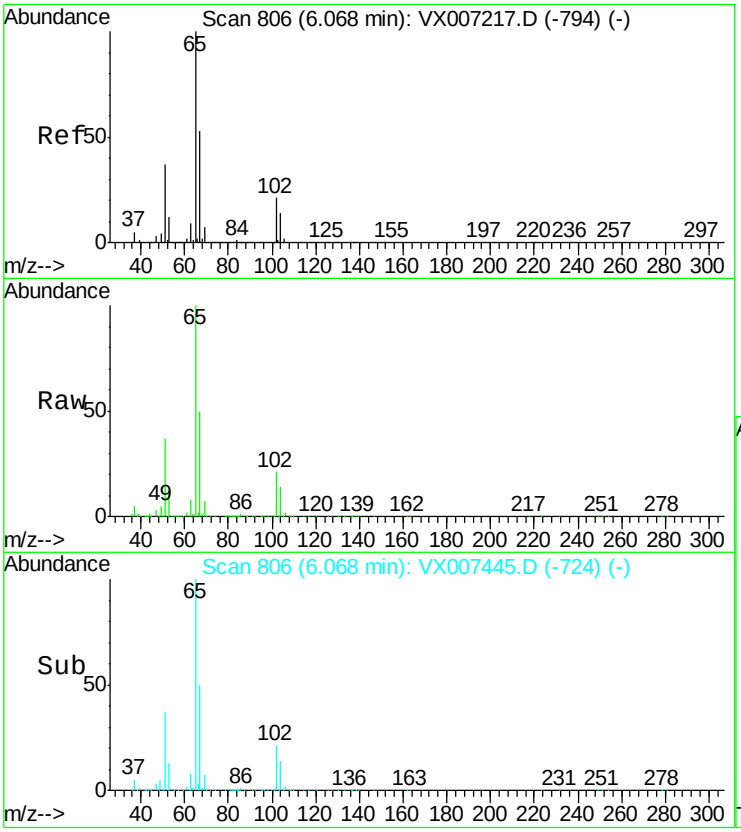


#24
Methyl tert-Butyl Ether
Concen: 0.368 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Tgt Ion: 73 Resp: 5276

Ion	Ratio	Lower	Upper
73	100		
43	4.0	16.2	24.4#



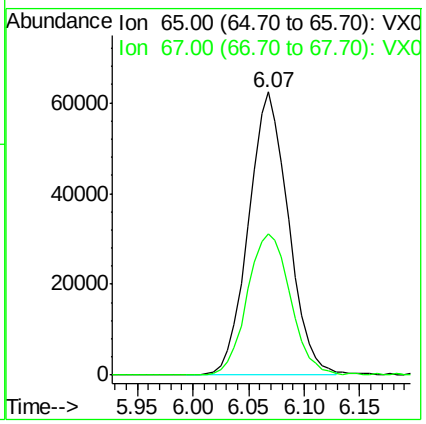


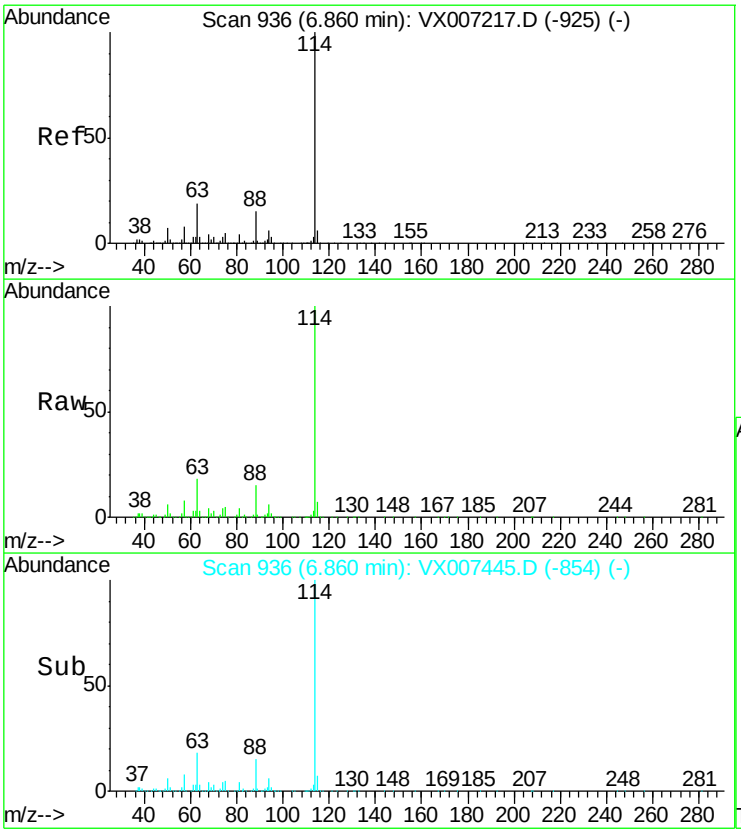
#27
1,2-Dichloroethane-d4
Concen: 29.862 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 155328

Ion	Ratio	Lower	Upper
65	100		
67	53.7	42.0	63.0

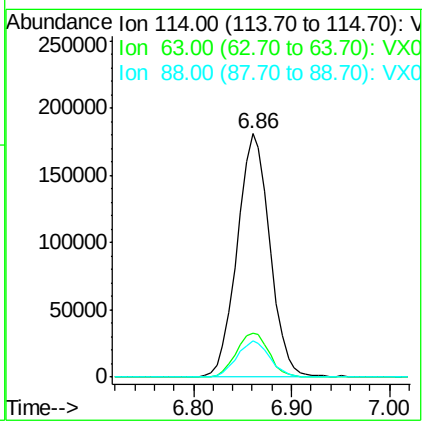


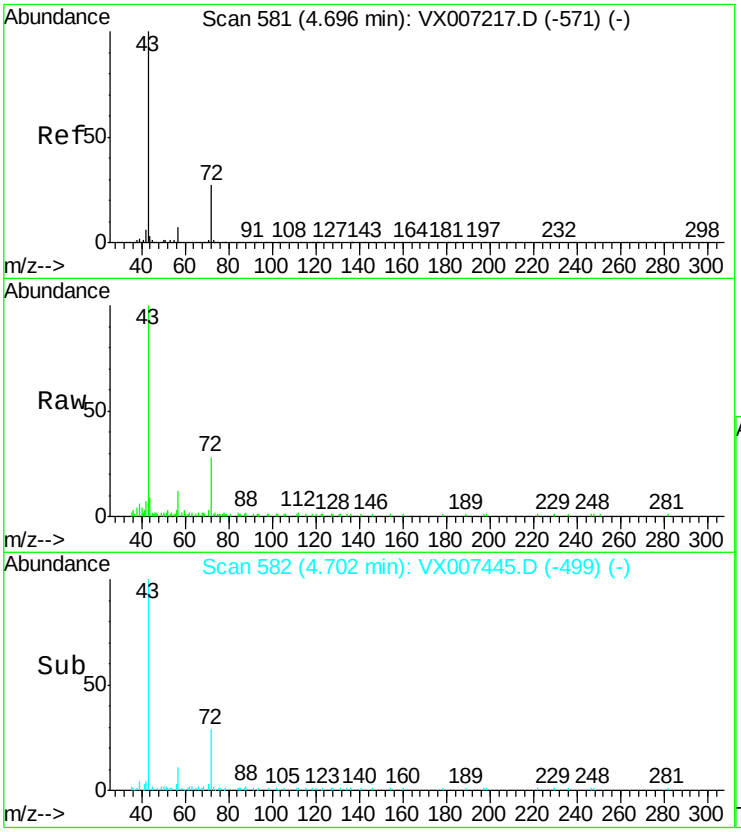


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Tgt Ion:114 Resp: 419430

Ion	Ratio	Lower	Upper
114	100		
63	18.3	14.6	21.8
88	14.7	11.8	17.6



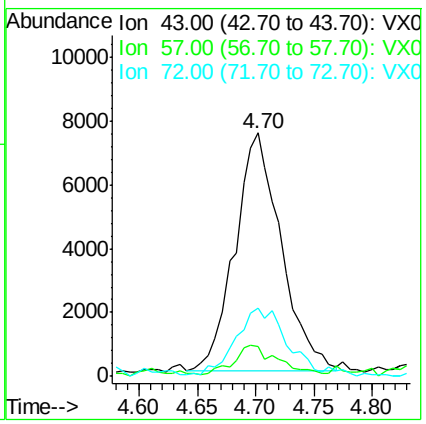


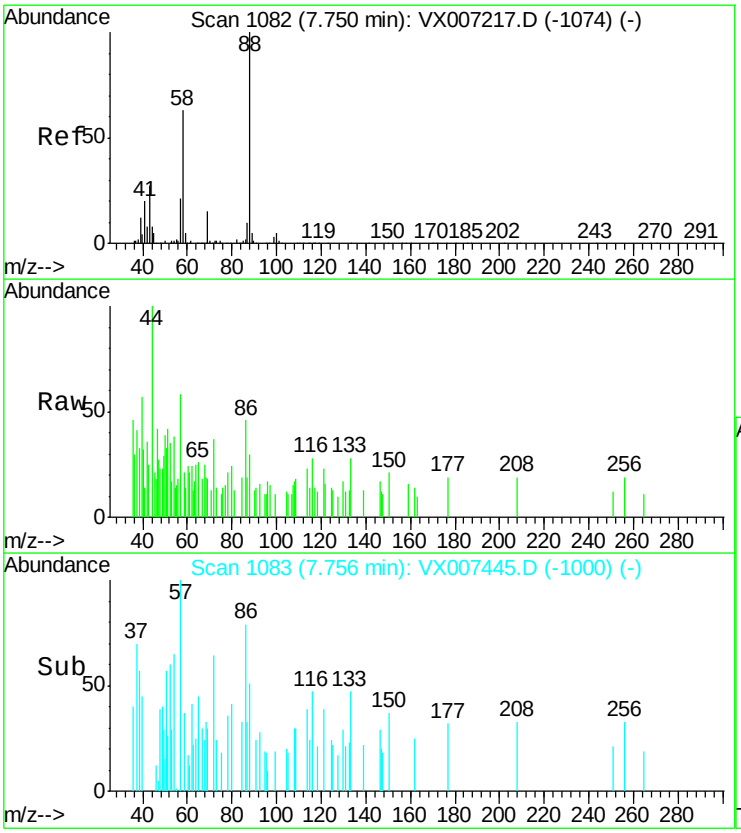
#30
2-Butanone
Concen: 6.304 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 20597

Ion	Ratio	Lower	Upper
43	100		
57	7.7	3.3	4.9#
72	30.0	22.0	33.0

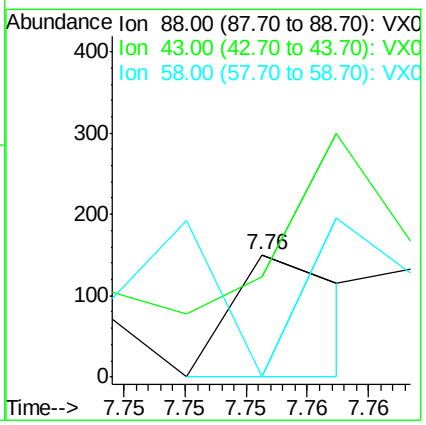


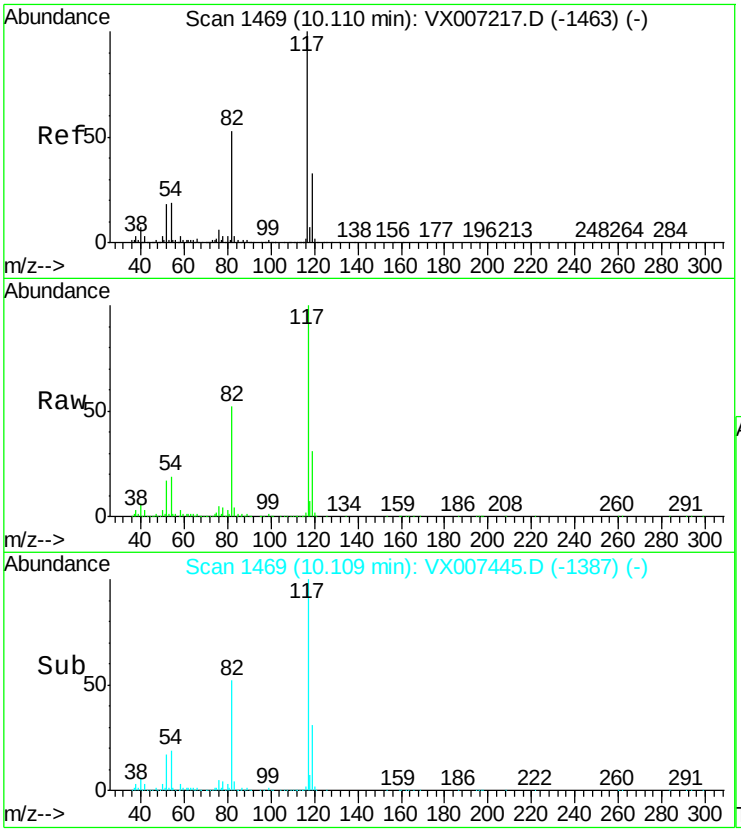


#45
1,4-Dioxane
Concen: 0.841 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Tgt Ion: 88 Resp: 97

Ion	Ratio	Lower	Upper
88	100		
43	134.0	23.5	35.3#
58	150.5	51.6	77.4#



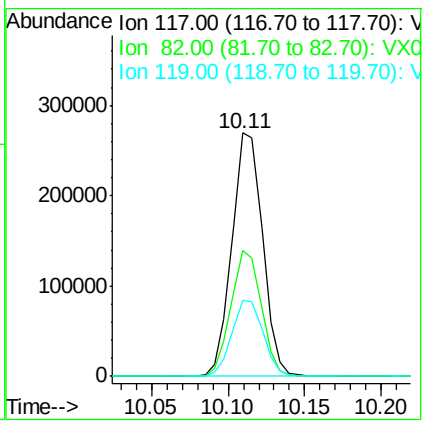


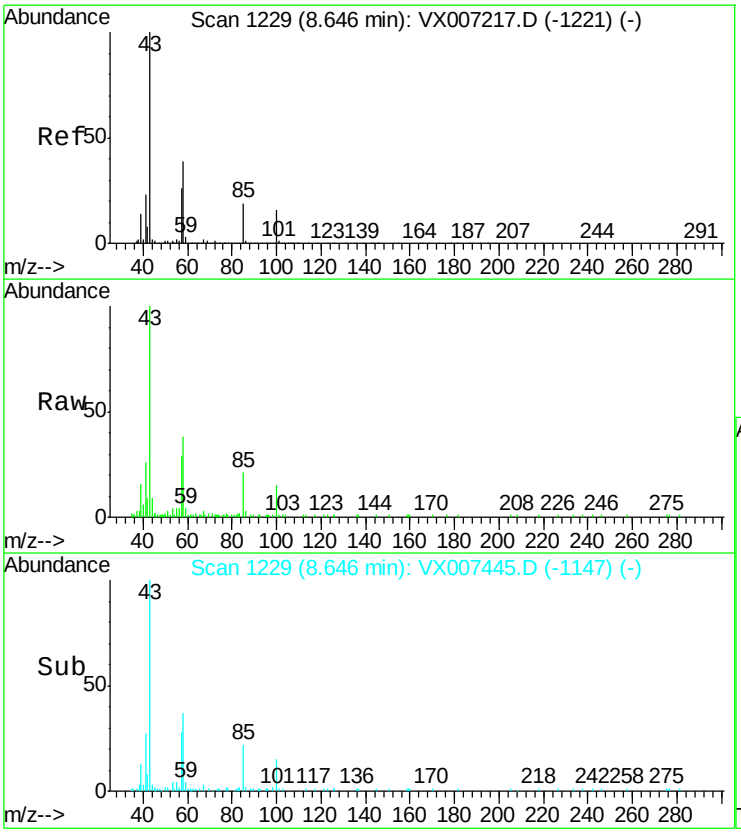
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 376312

Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.4	62.0
119	31.9	25.7	38.5

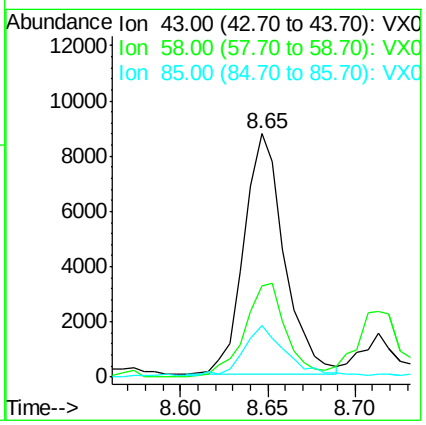


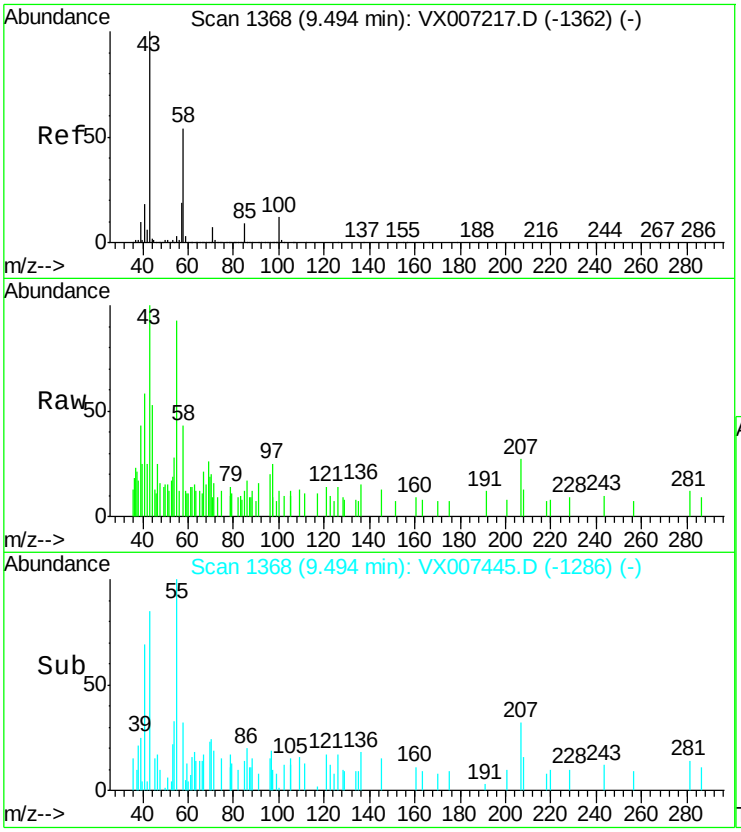


#58
4-Methyl-2-Pentanone
Concen: 2.224 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Tgt Ion: 43 Resp: 13996

Ion	Ratio	Lower	Upper
43	100		
58	40.7	31.6	47.4
85	22.7	14.9	22.3#



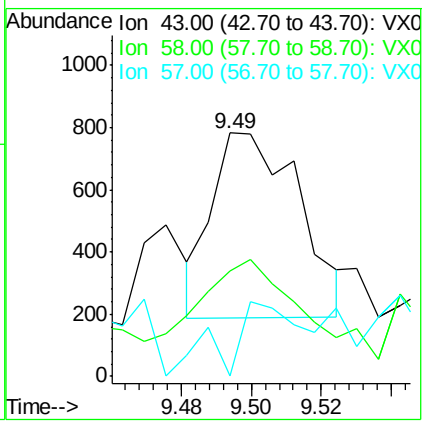


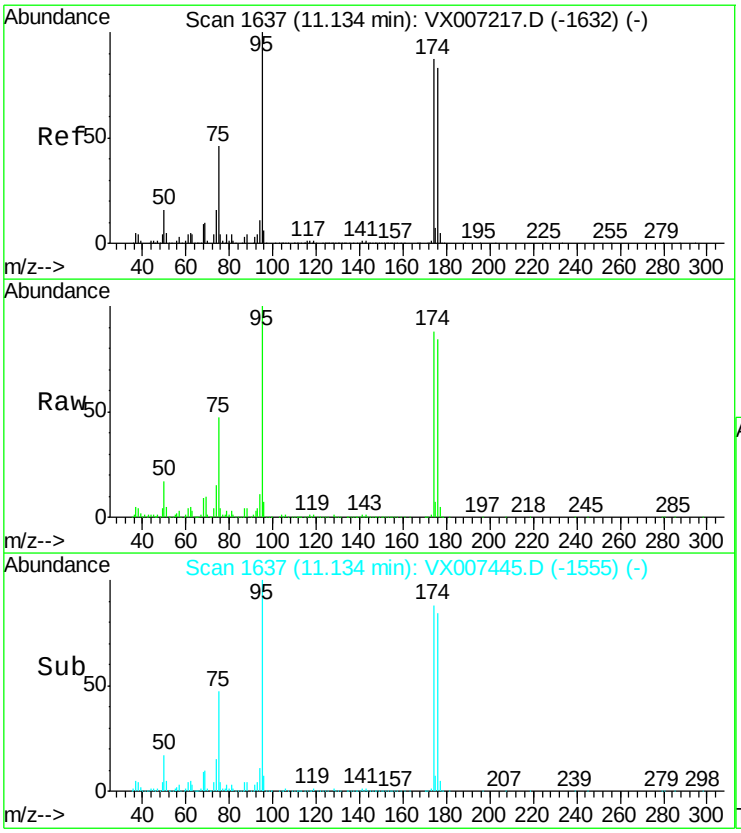
#59
2-Hexanone
Concen: 0.212 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1030

Ion	Ratio	Lower	Upper
43	100		
58	48.9	42.8	64.2
57	27.1	14.8	22.2#

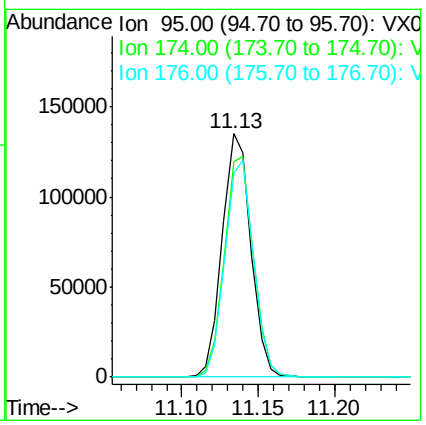


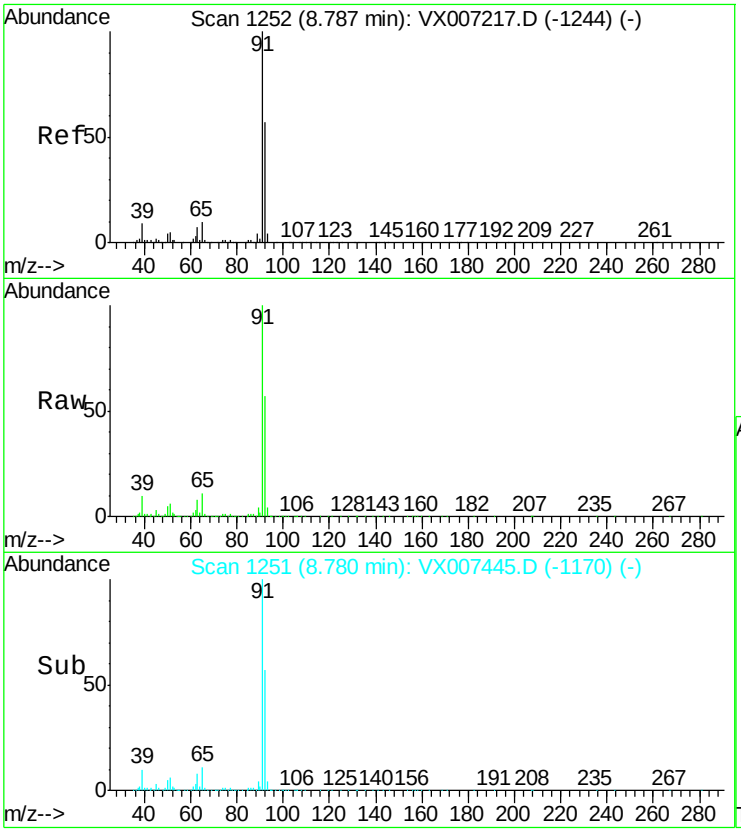


#60
4-Bromofluorobenzene
Concen: 30.213 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Tgt Ion: 95 Resp: 175481

Ion	Ratio	Lower	Upper
95	100		
174	92.1	74.8	112.2
176	88.8	72.5	108.7



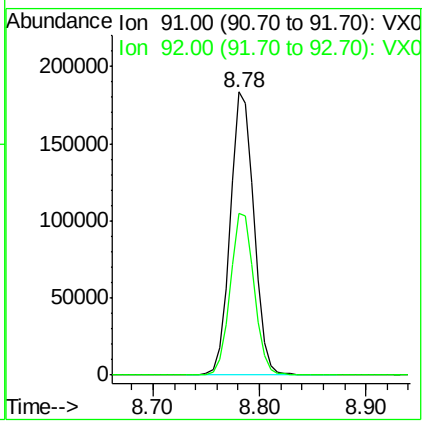


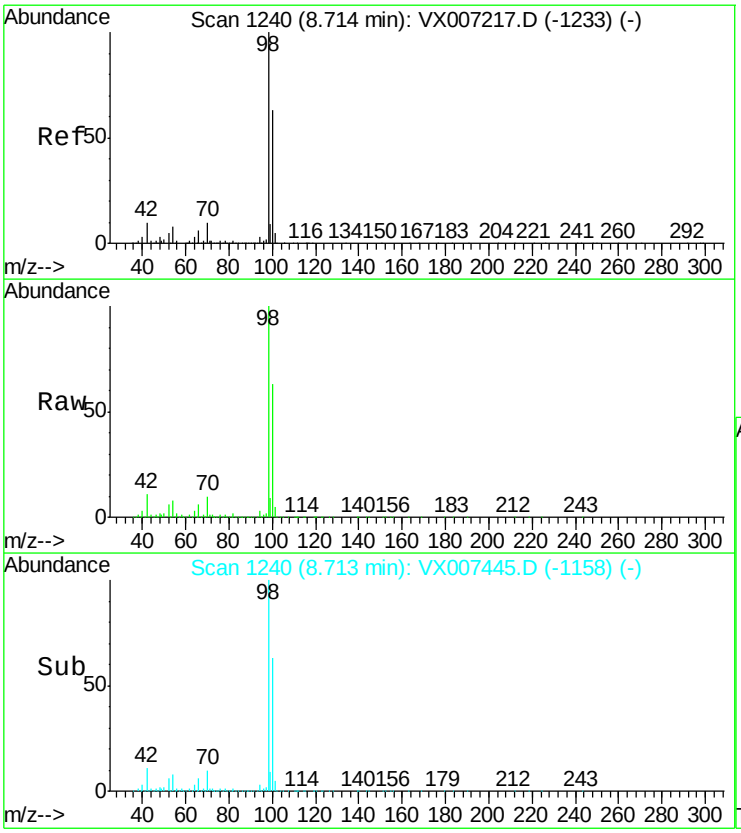
#62
Toluene
Concen: 15.165 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 287252

Ion	Ratio	Lower	Upper
91	100		
92	57.2	46.0	69.0

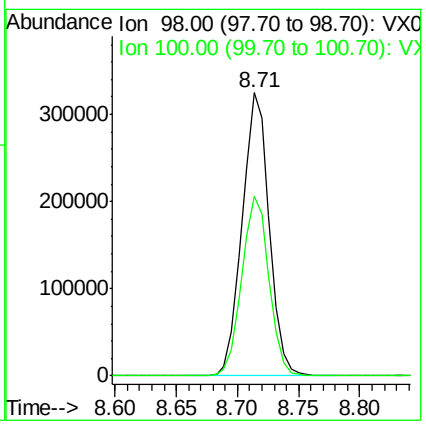


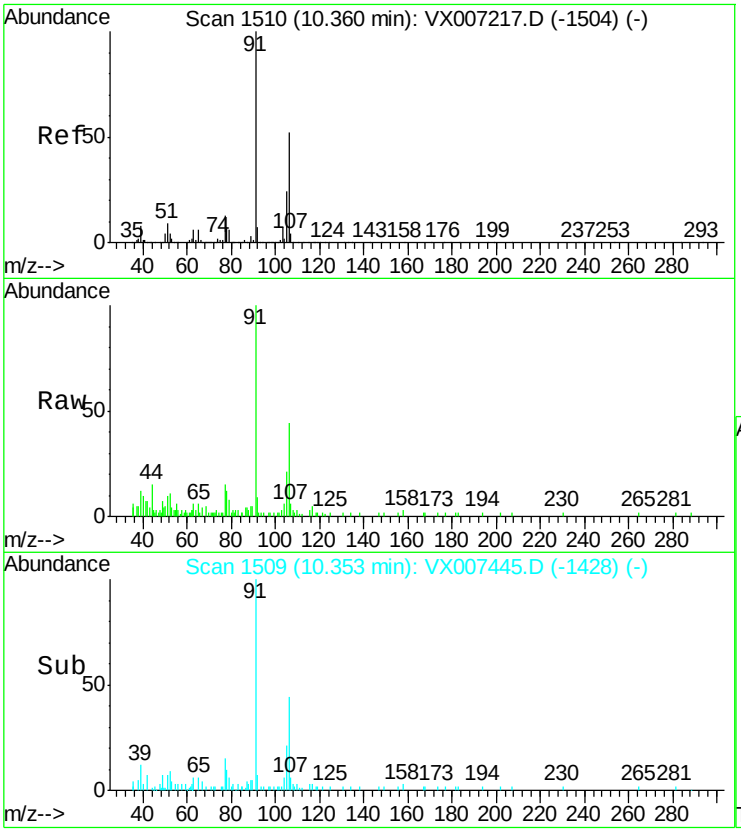


#63
Toluene-d8
Concen: 29.323 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Tgt Ion: 98 Resp: 497389

Ion	Ratio	Lower	Upper
98	100		
100	63.6	49.9	74.9



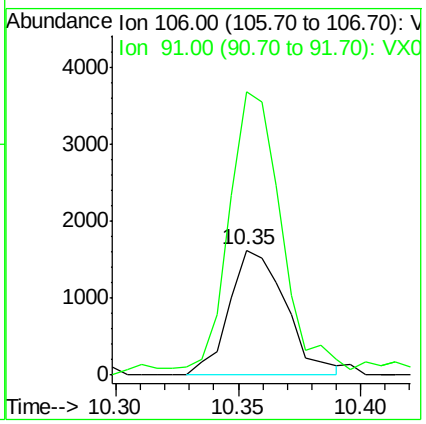


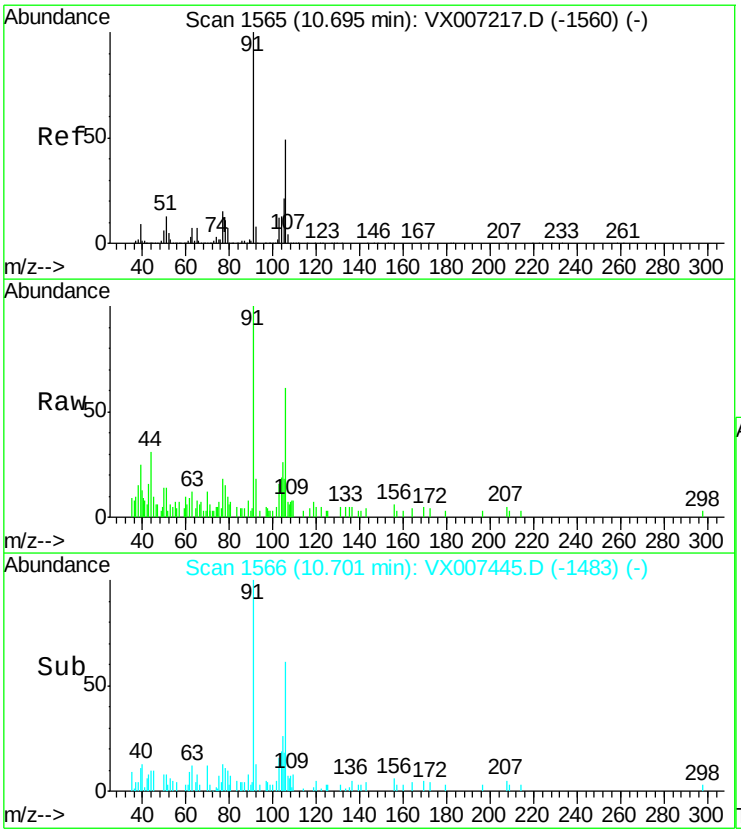
#67
m/p-Xylenes
Concen: 0.322 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 2611

Ion	Ratio	Lower	Upper
106	100		
91	208.0	157.6	236.4

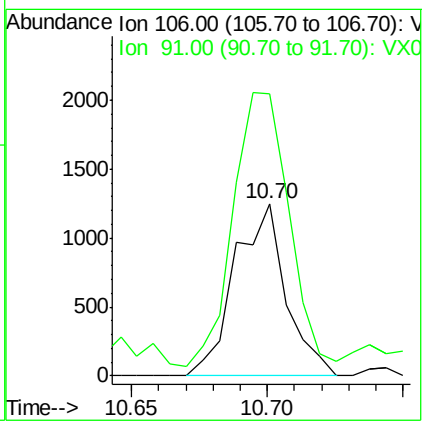


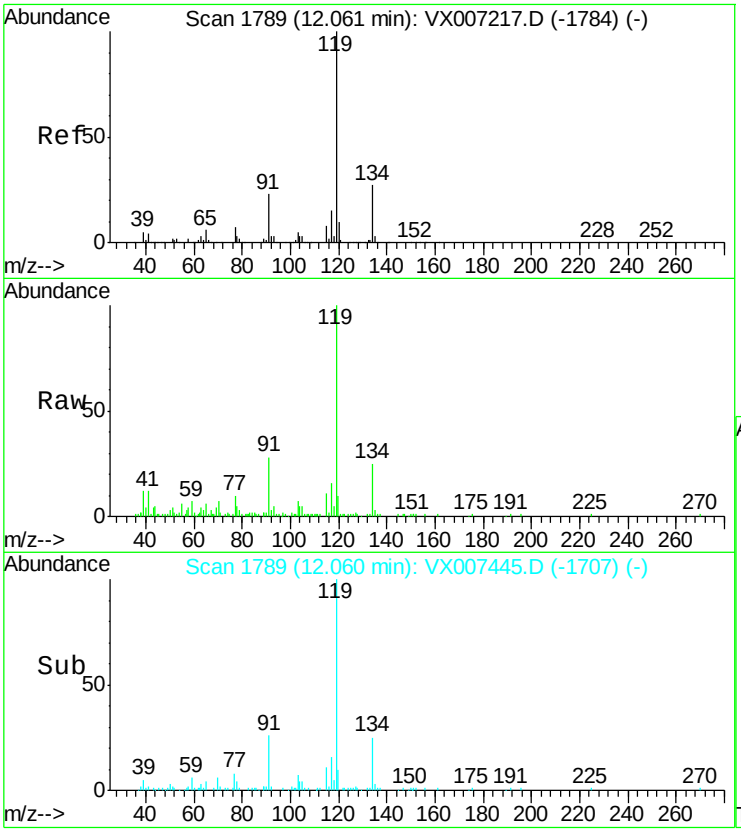


#68
o-Xylene
Concen: 0.205 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Tgt Ion:106 Resp: 1627

Ion	Ratio	Lower	Upper
106	100		
91	178.7	103.6	310.8



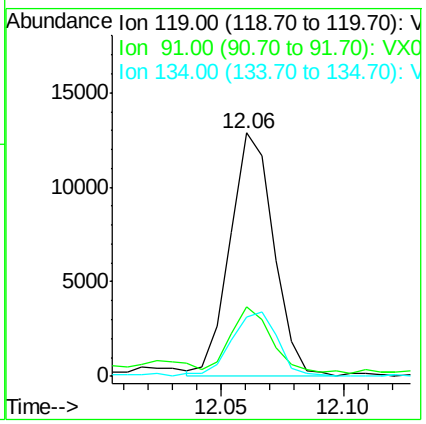


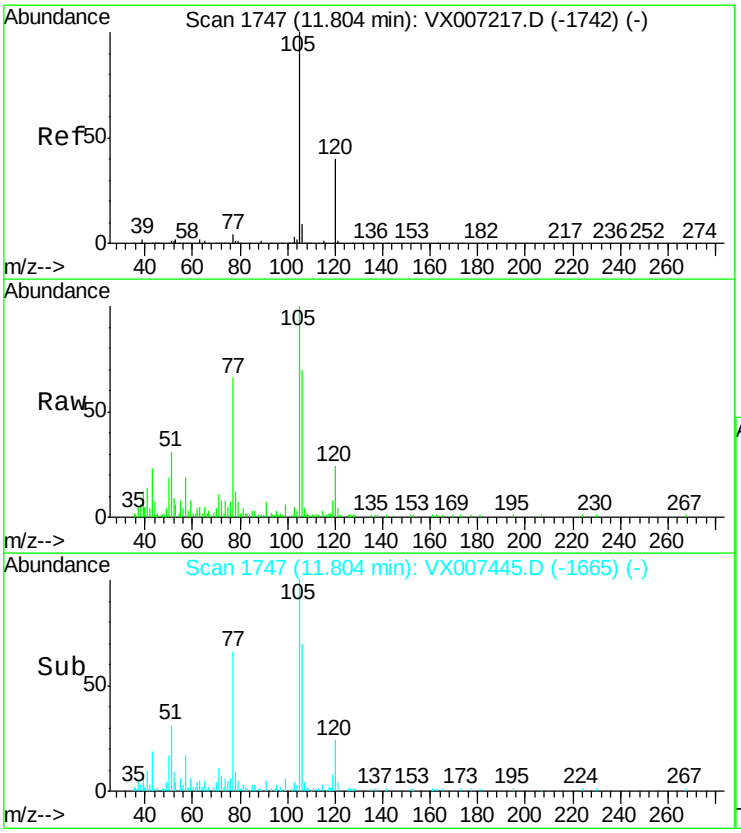
#79
tert-butylbenzene
Concen: 0.845 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:119 Resp: 16041

Ion	Ratio	Lower	Upper
119	100		
91	26.2	0.0	45.0
134	28.1	0.0	55.8

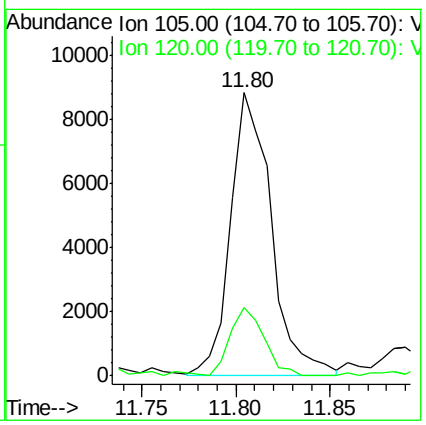


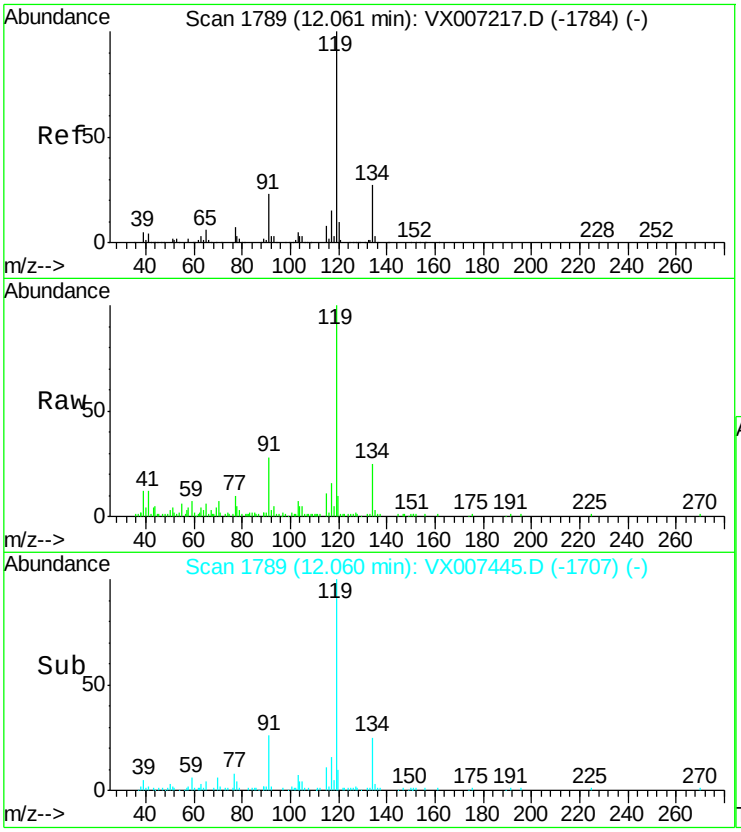


#80
1,2,4-Trimethylbenzene
Concen: 0.749 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Tgt Ion:105 Resp: 13299

Ion	Ratio	Lower	Upper
105	100		
120	20.2	0.0	94.4



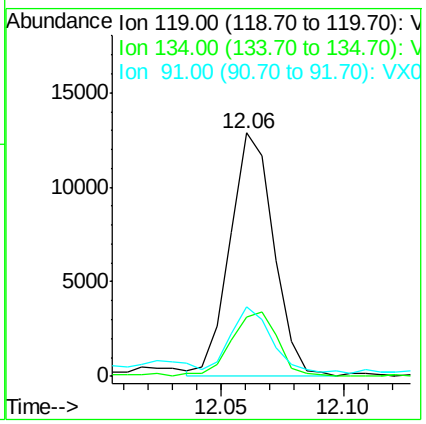


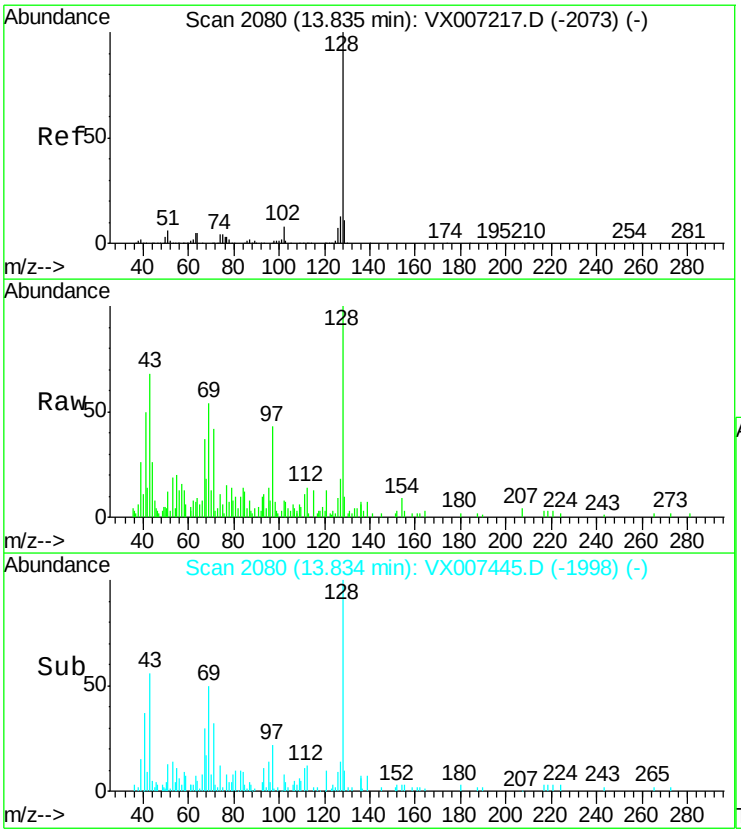
#82
p-Isopropyltoluene
Concen: 0.845 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:119 Resp: 16041

Ion	Ratio	Lower	Upper
119	100		
134	28.1	0.0	55.8
91	26.2	0.0	45.0





#91
Naphthalene
Concen: 0.228 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Tgt Ion:128 Resp: 4884

Ion	Ratio	Lower	Upper
128	100		
127	17.1	10.6	16.0#
129	10.5	8.9	13.3