Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032719\
Data File : VX008485.D
Acq On : 27 Mar 2019 16:15
Operator : JC/SP
Sample : K2099-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MH-C05-SETTLED-1H-B

Quant Time: Mar 28 02:08:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.01	128	36390	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.86	114	207647	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.11	117	179512	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.06	65	91375	30.02	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.07%				
60) 4-Bromofluorobenzene	11.13	95	89516	28.62	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 95.40%				
63) Toluene-d8	8.71	98	262427	30.80	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 102.67%				
Target Compounds							Qvalue
13) Acrolein	2.12	56	135	0.252	ug/l		91
15) Acetone	2.44	58	3439	6.458	ug/l		93
18) Methylene Chloride	2.85	84	1462	0.531	ug/l	#	91
30) 2-Butanone	4.68	43	645	0.251	ug/l	#	88
56) Bromoform	11.14	173	881	0.472	ug/l	#	1
58) 4-Methyl-2-Pentanone	8.64	43	1868	0.394	ug/l		98
62) Toluene	8.79	91	3380	0.311	ug/l		98
67) m/p-Xylenes	10.36	106	2905	0.660	ug/l		97
68) o-Xylene	10.70	106	1013	0.235	ug/l		87
69) Styrene	10.71	104	1567	0.209	ug/l	#	84
77) t-1,4-Dichloro-2-butene	11.13	75	45321	32.943	ug/l	#	6
79) tert-butylbenzene	12.06	119	14176	1.428	ug/l		95
82) p-Isopropyltoluene	12.06	119	14176	1.428	ug/l		95

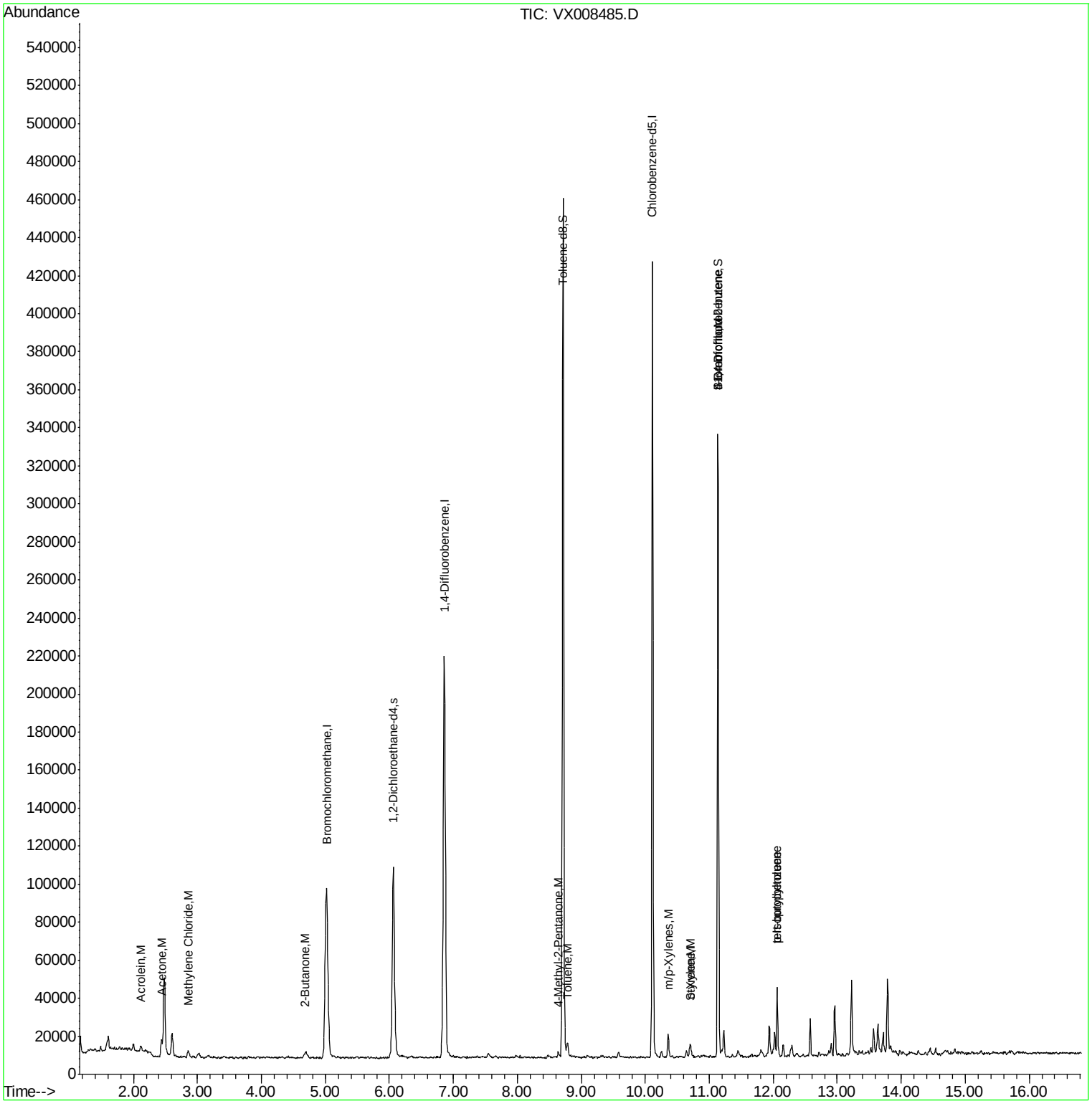
(#) = qualifier out of range (m) = manual integration (+) = signals summed

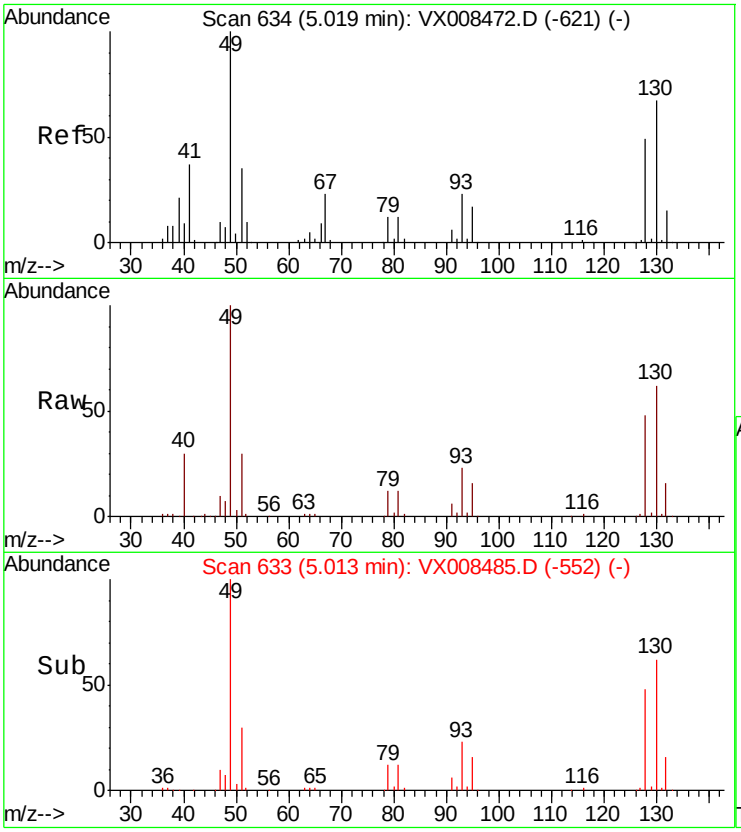
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032719\
Data File : VX008485.D
Acq On : 27 Mar 2019 16:15
Operator : JC/SP
Sample : K2099-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-C05-SETTLED-1H-B

Quant Time: Mar 28 02:08:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration



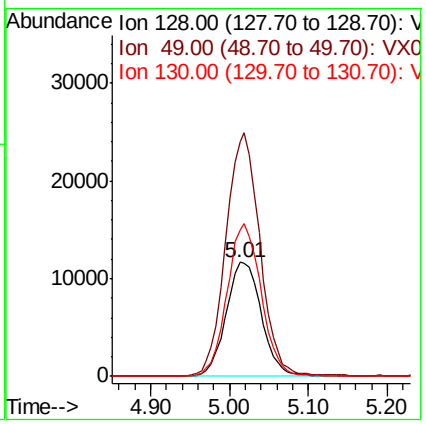


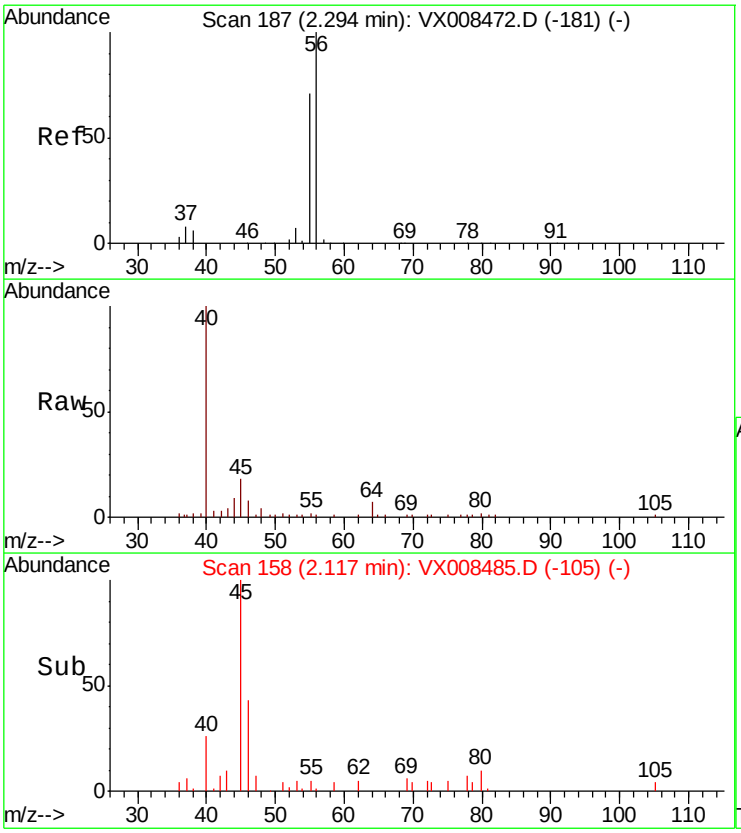
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Instrument :
MSVOA_X
ClientSampleId :
MH-C05-SETTLED-1H-B

Tgt Ion:128 Resp: 36390

Ion	Ratio	Lower	Upper
128	100		
49	206.1	0.0	350.8
130	128.7	0.0	325.8

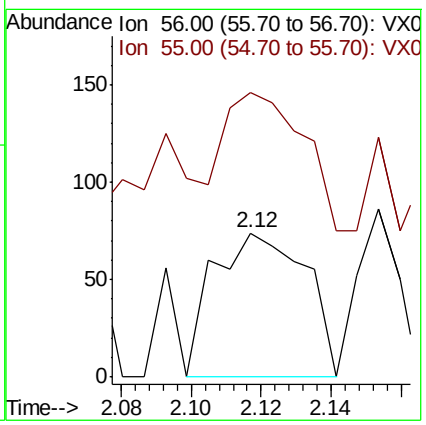


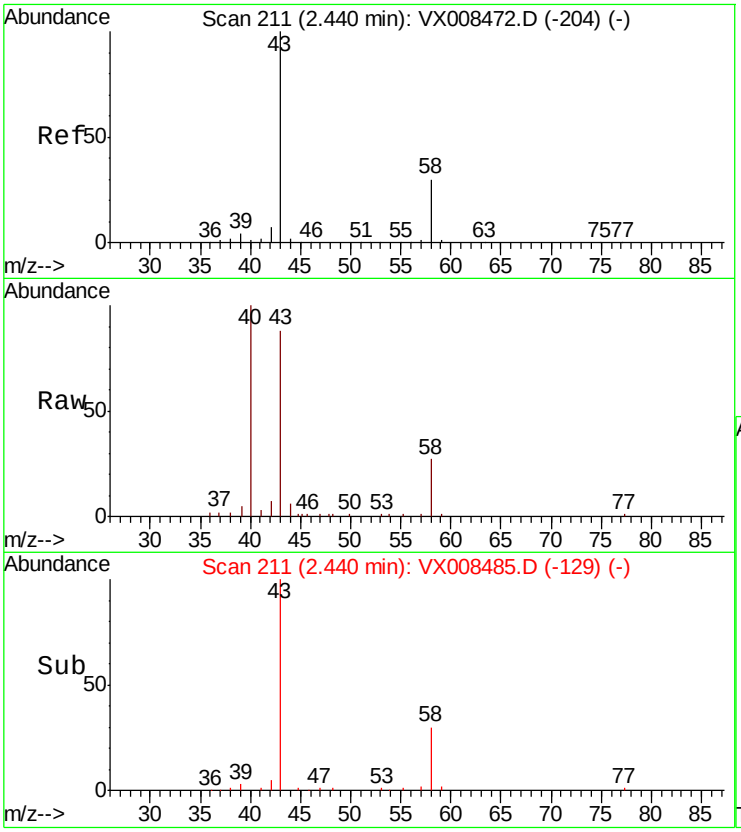


#13
Acrolein
Concen: 0.252 ug/l
RT: 2.12 min Scan# 158
Delta R.T. -0.18 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Tgt Ion: 56 Resp: 135

Ion	Ratio	Lower	Upper
56	100		
55	80.7	58.6	87.8



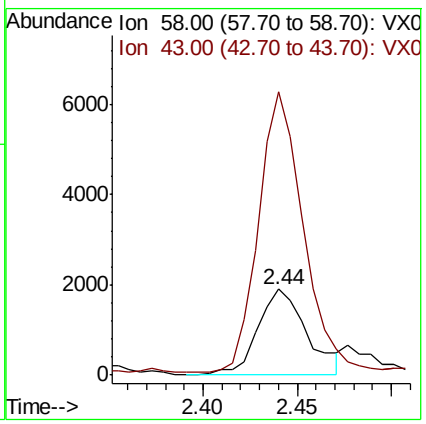


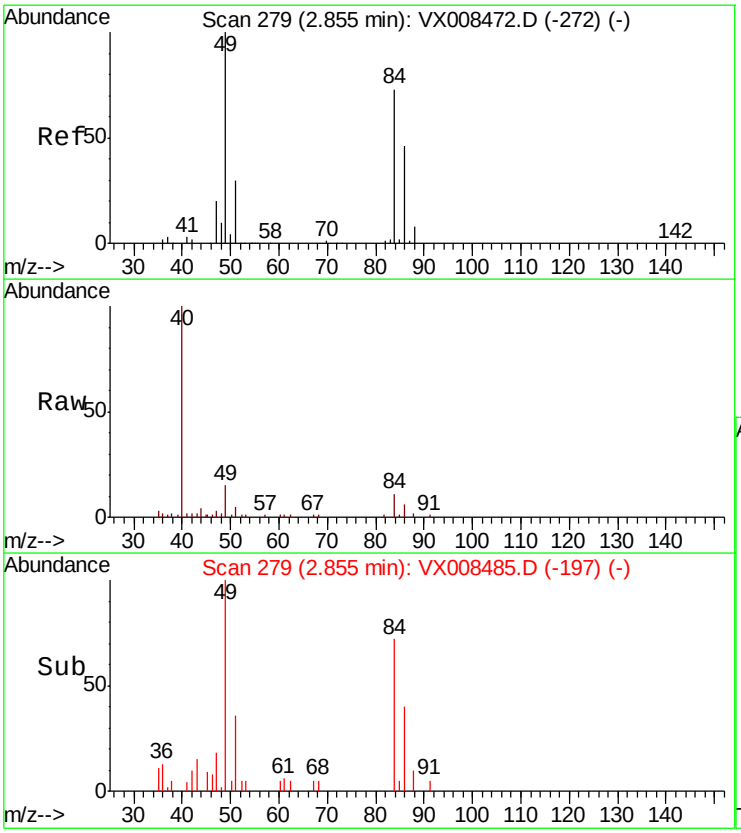
#15
Acetone
Concen: 6.458 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Instrument :
MSVOA_X
ClientSampleId :
MH-C05-SETTLED-1H-B

Tgt Ion: 58 Resp: 3439

Ion	Ratio	Lower	Upper
58	100		
43	326.2	249.8	374.6

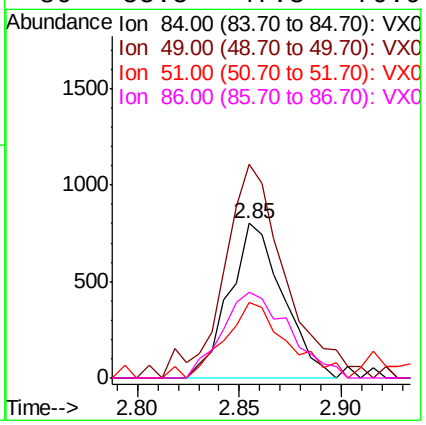


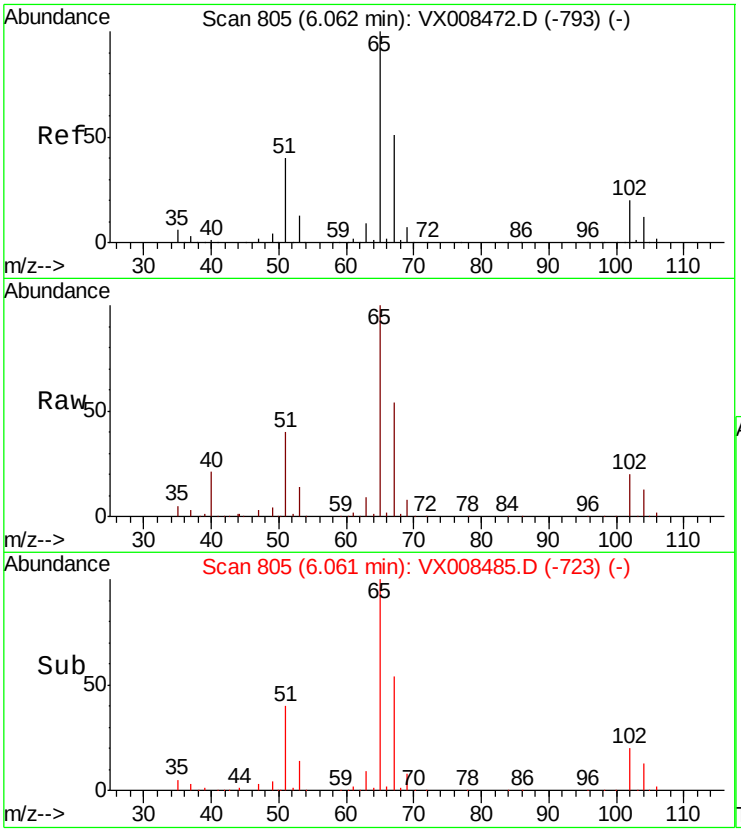


#18
Methylene Chloride
Concen: 0.531 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Tgt Ion: 84 Resp: 1462

Ion	Ratio	Lower	Upper
84	100		
49	128.4	96.1	144.1
51	49.0	29.1	43.7#
86	55.5	47.3	70.9



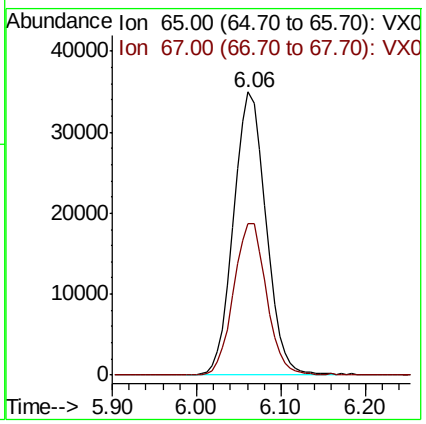


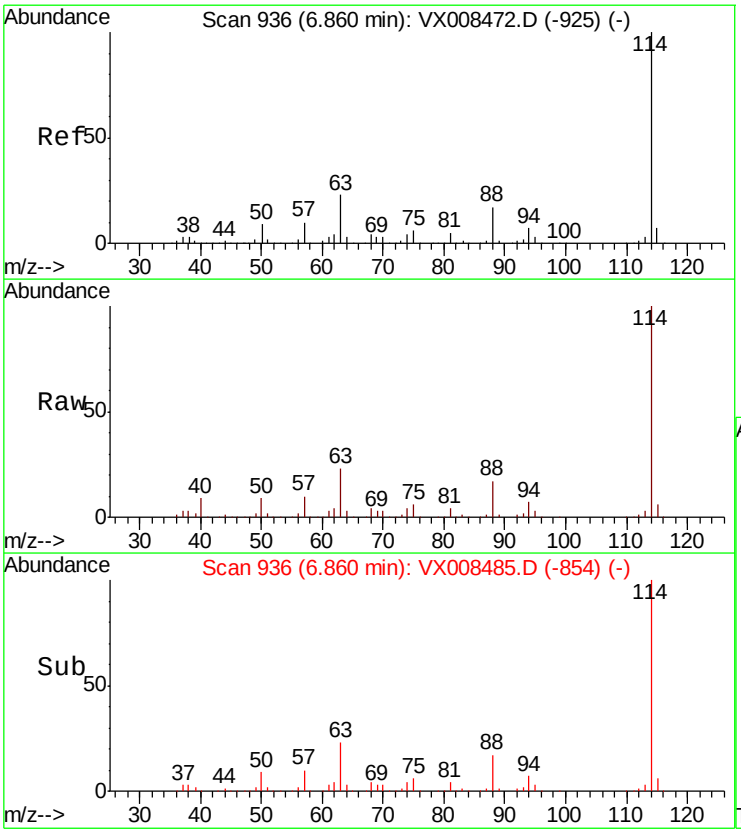
#27
1,2-Dichloroethane-d4
Concen: 30.016 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Instrument :
MSVOA_X
ClientSampleId :
MH-C05-SETTLED-1H-B

Tgt Ion: 65 Resp: 91375

Ion	Ratio	Lower	Upper
65	100		
67	54.0	42.9	64.3

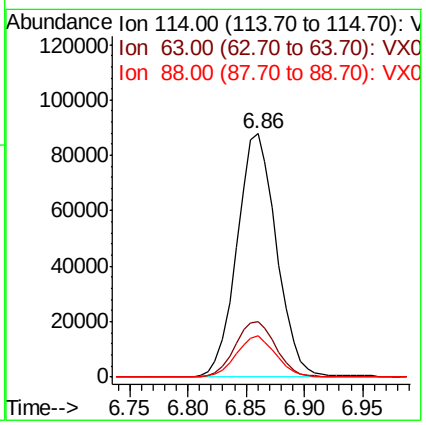


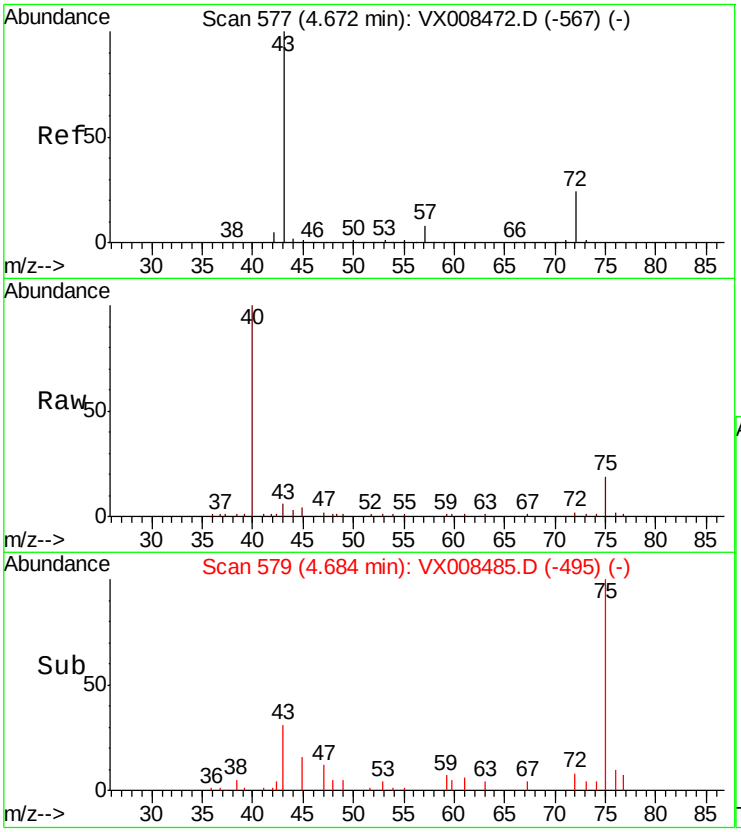


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Tgt Ion:114 Resp: 207647

Ion	Ratio	Lower	Upper
114	100		
63	23.5	14.2	21.4#
88	17.0	11.9	17.9



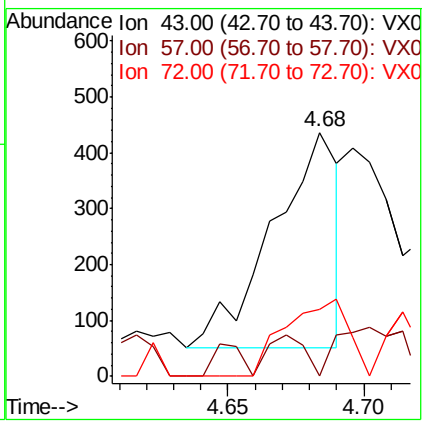


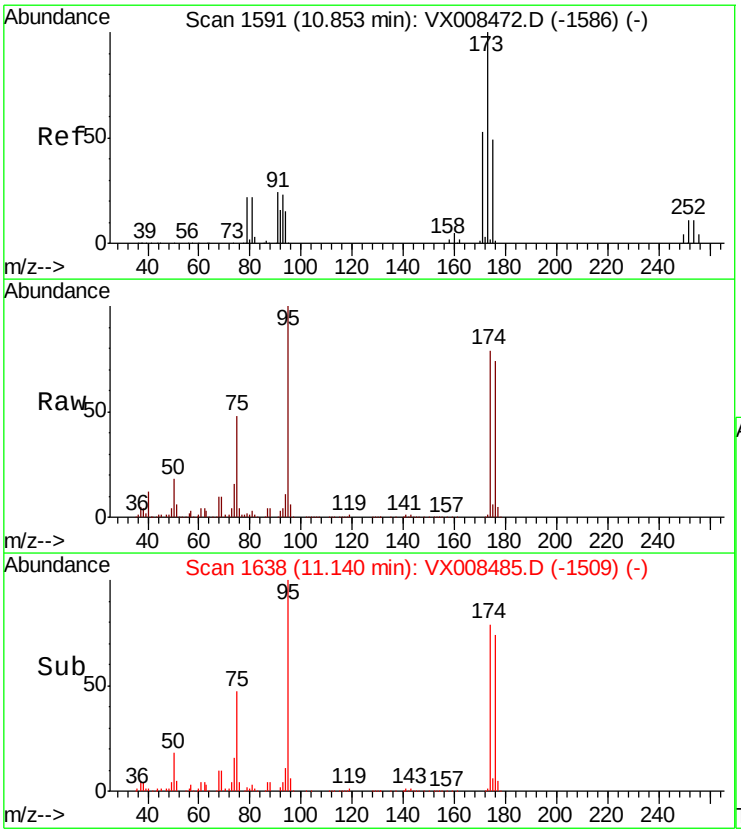
#30
2-Butanone
Concen: 0.251 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Instrument :
MSVOA_X
ClientSampleId :
MH-C05-SETTLED-1H-B

Tgt Ion: 43 Resp: 645

Ion	Ratio	Lower	Upper
43	100		
57	10.5	7.0	10.6
72	34.1	21.5	32.3#

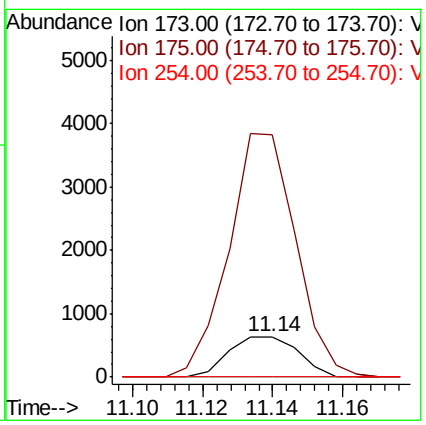


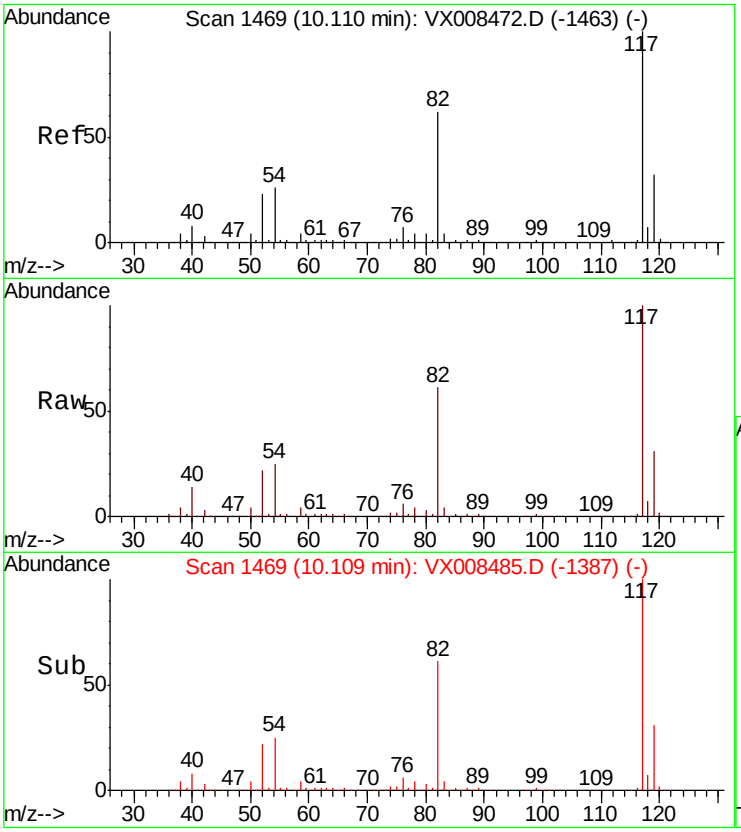


#56
Bromoform
Concen: 0.472 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.29 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Tgt Ion:173 Resp: 881

Ion	Ratio	Lower	Upper
173	100		
175	583.1	38.5	57.7#
254	0.0	7.4	11.2#



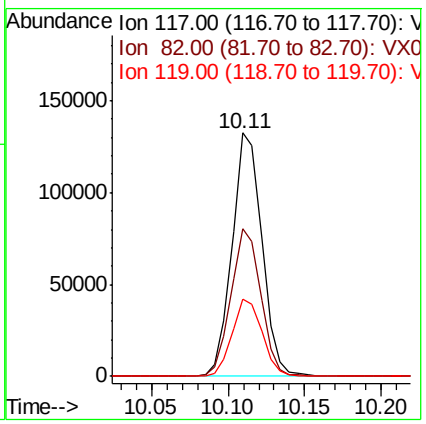


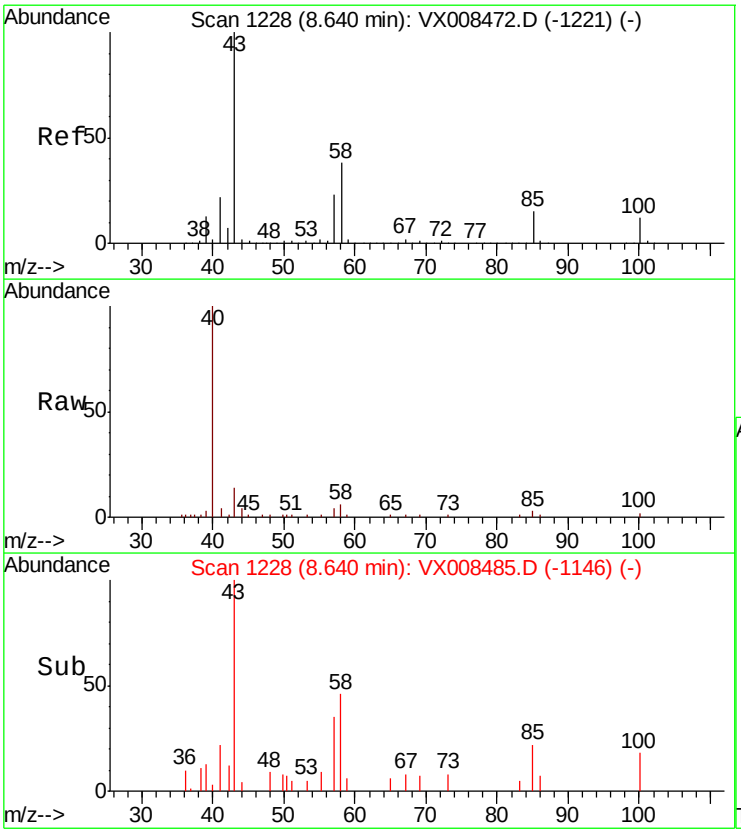
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Instrument :
MSVOA_X
ClientSampleId :
MH-C05-SETTLED-1H-B

Tgt Ion:117 Resp: 179512

Ion	Ratio	Lower	Upper
117	100		
82	60.5	40.4	60.6
119	32.1	25.8	38.6

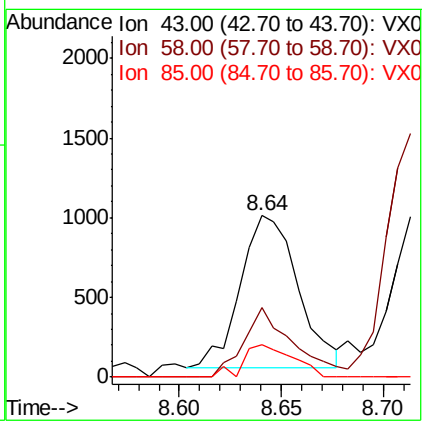


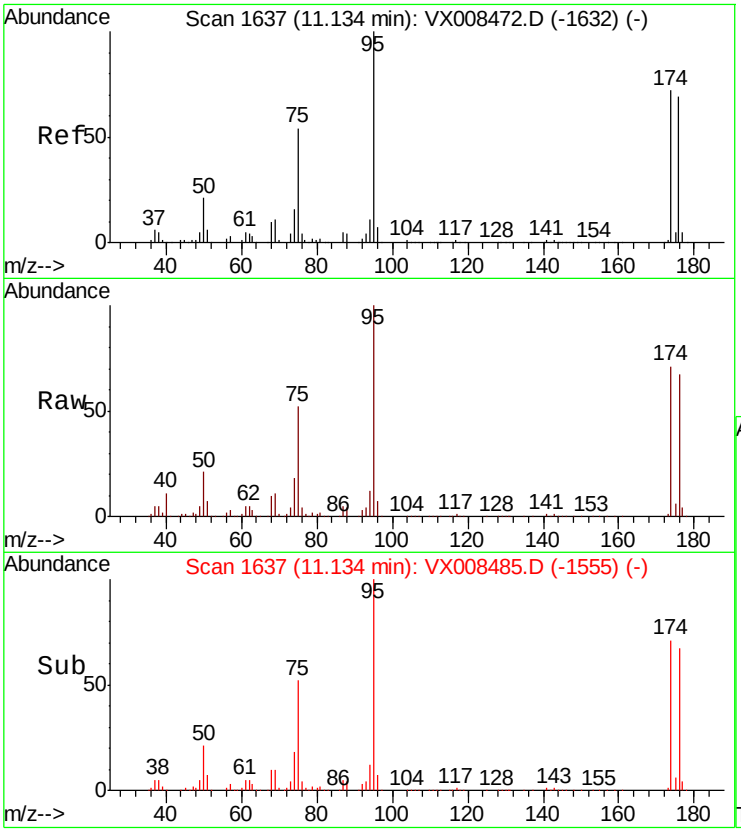


#58
4-Methyl-2-Pentanone
Concen: 0.394 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Tgt Ion: 43 Resp: 1868

Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.4	47.0
85	17.2	15.0	22.6



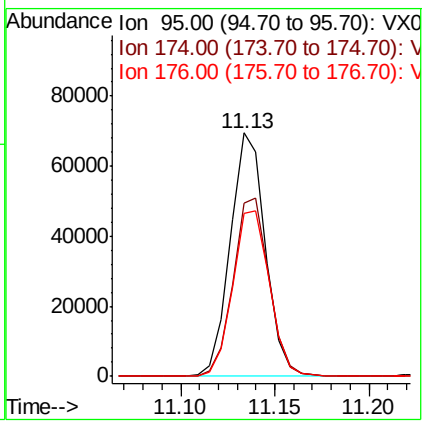


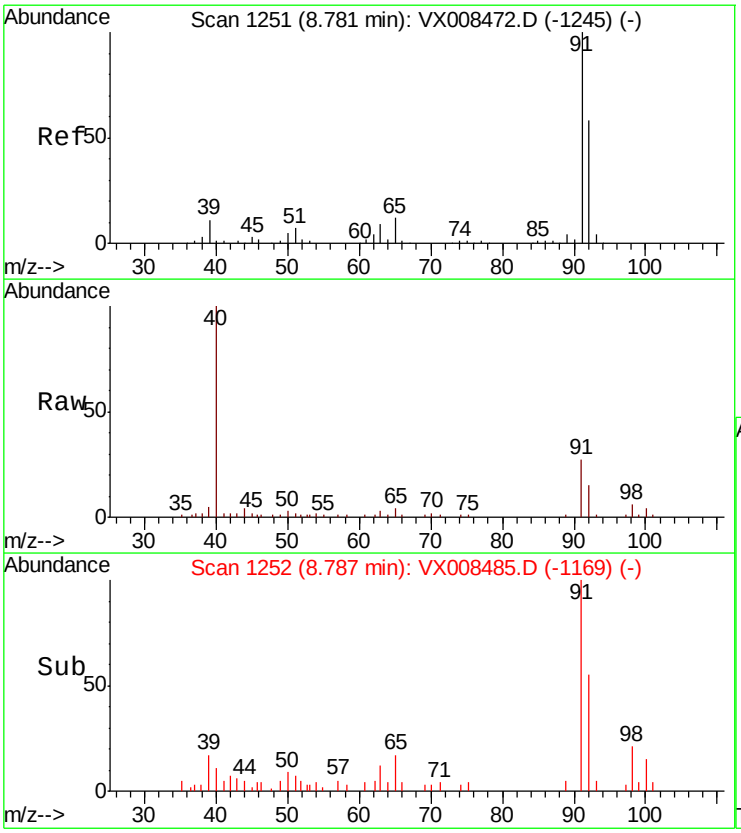
#60
4-Bromofluorobenzene
Concen: 28.620 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Instrument :
MSVOA_X
ClientSampleId :
MH-C05-SETTLED-1H-B

Tgt Ion: 95 Resp: 89516

Ion	Ratio	Lower	Upper
95	100		
174	75.0	74.9	112.3
176	71.4	70.7	106.1

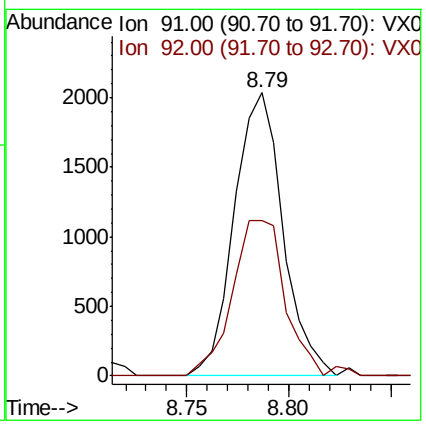


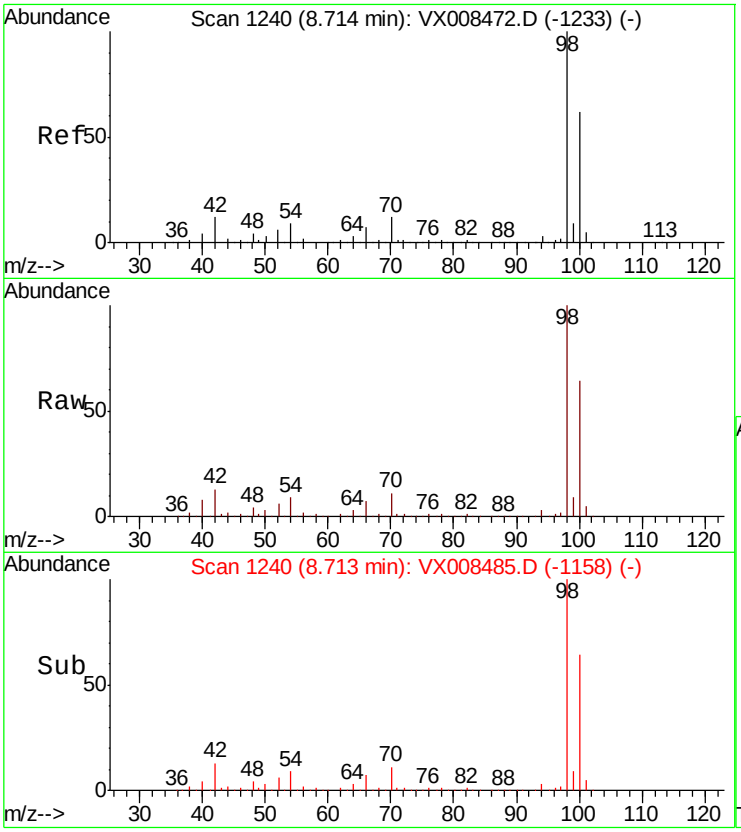


#62
Toluene
Concen: 0.311 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Tgt Ion: 91 Resp: 3380

Ion	Ratio	Lower	Upper
91	100		
92	59.2	46.4	69.6



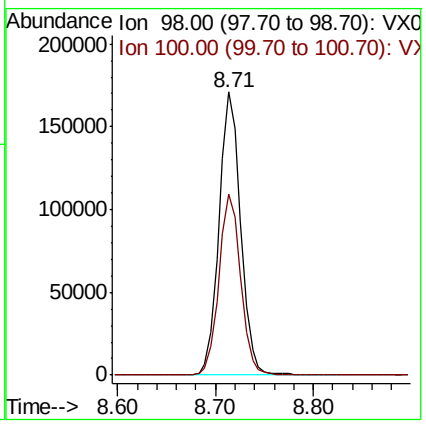


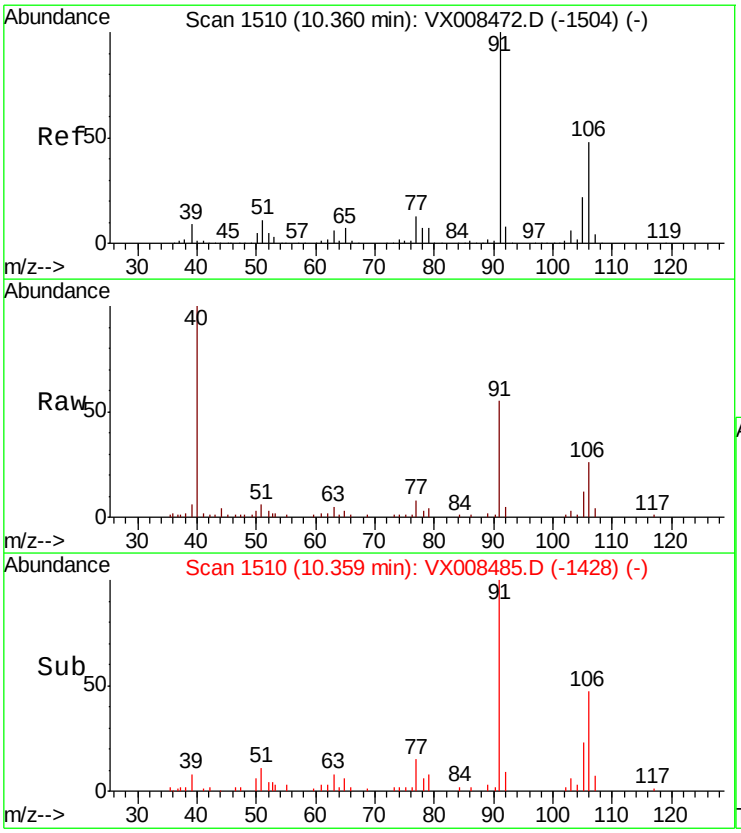
#63
Toluene-d8
Concen: 30.798 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Instrument :
MSVOA_X
ClientSampleId :
MH-C05-SETTLED-1H-B

Tgt Ion: 98 Resp: 262427

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3

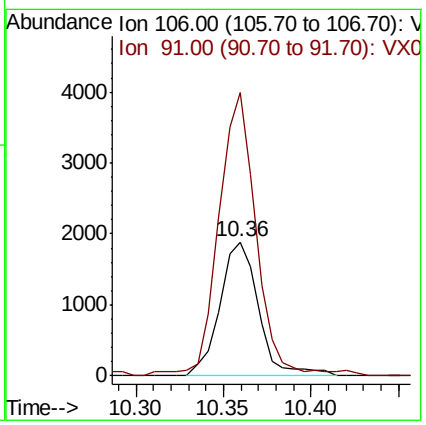


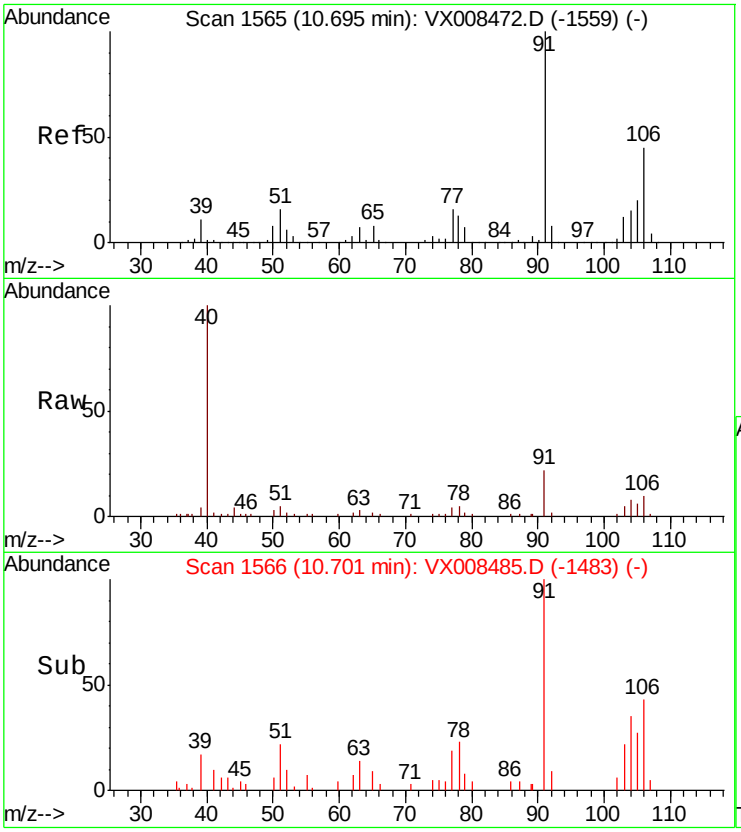


#67
m/p-Xylenes
Concen: 0.660 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Tgt Ion:106 Resp: 2905

Ion	Ratio	Lower	Upper
106	100		
91	200.0	157.0	235.4



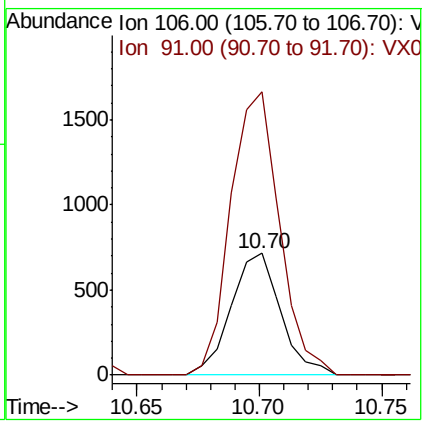


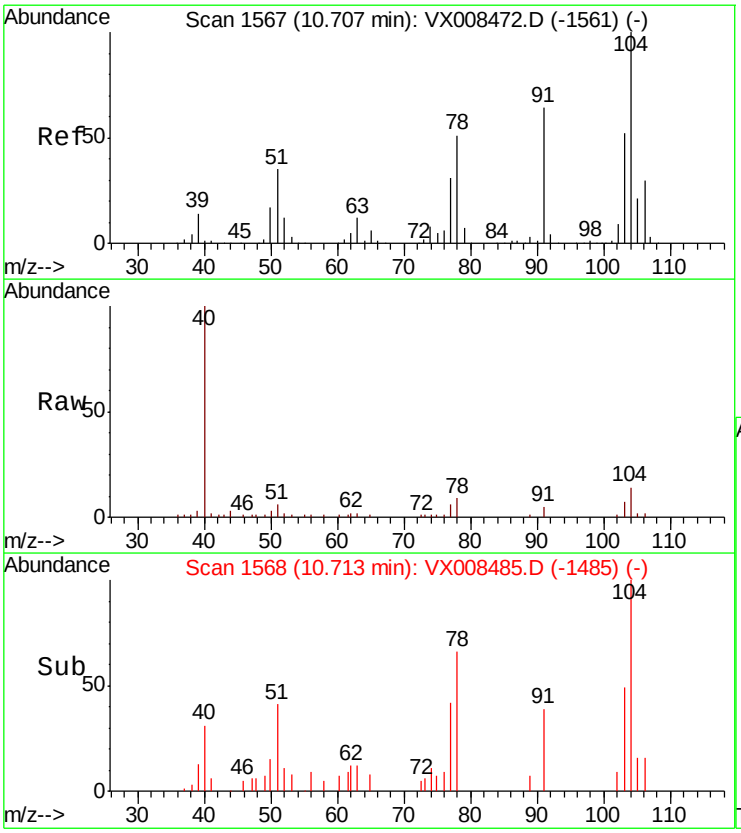
#68
o-Xylene
Concen: 0.235 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Instrument :
MSVOA_X
ClientSampleId :
MH-C05-SETTLED-1H-B

Tgt Ion:106 Resp: 1013

Ion	Ratio	Lower	Upper
106	100		
91	228.9	104.4	313.2

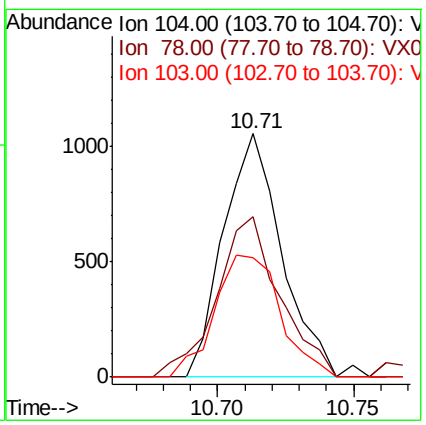


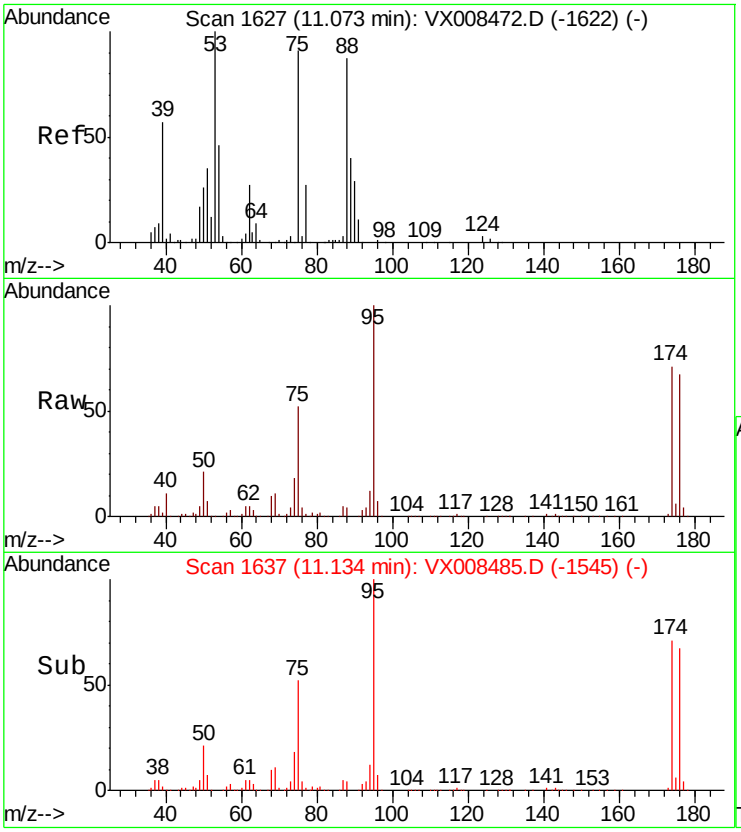


#69
Styrene
Concen: 0.209 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Tgt Ion:104 Resp: 1567

Ion	Ratio	Lower	Upper
104	100		
78	71.3	38.2	57.2#
103	56.7	45.0	67.4



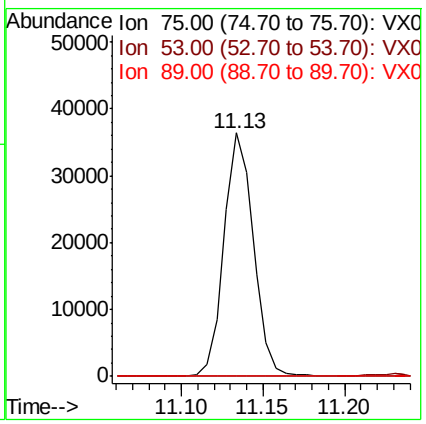


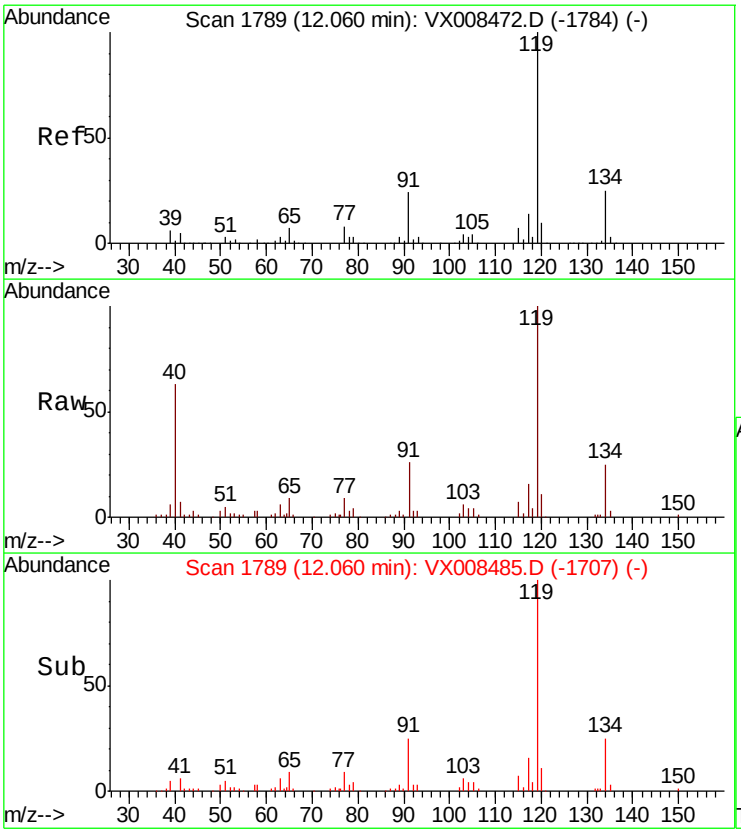
#77
t-1,4-Dichloro-2-butene
Concen: 32.943 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Instrument :
MSVOA_X
ClientSampleId :
MH-C05-SETTLED-1H-B

Tgt Ion: 75 Resp: 45321

Ion	Ratio	Lower	Upper
75	100		
53	0.2	55.5	166.7#
89	0.0	24.4	73.2#

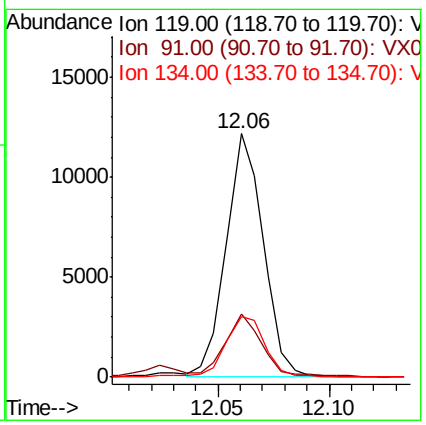


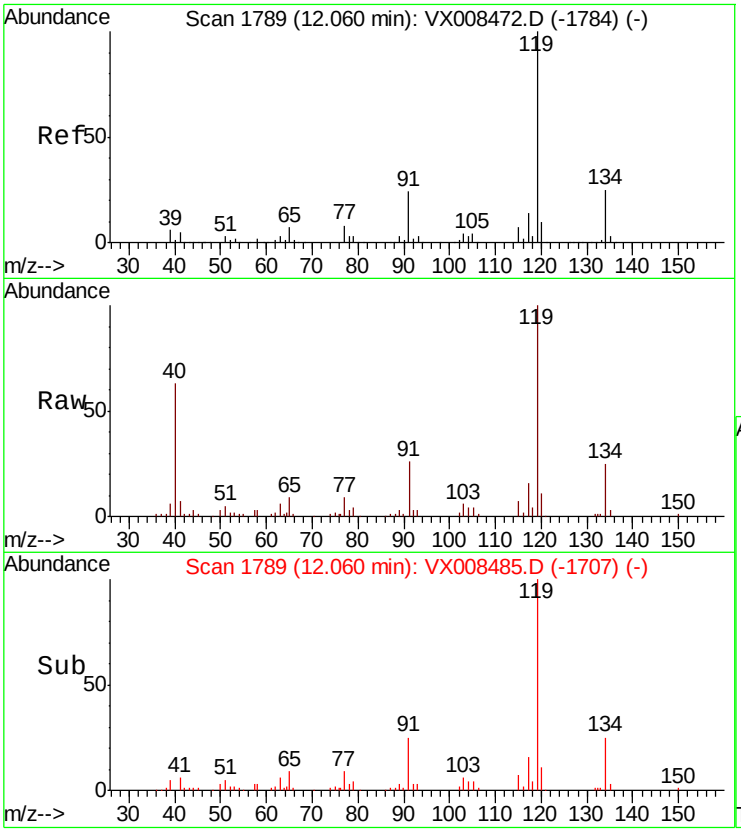


#79
tert-butylbenzene
Concen: 1.428 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Tgt Ion:119 Resp: 14176

Ion	Ratio	Lower	Upper
119	100		
91	25.8	0.0	45.0
134	26.2	0.0	55.4





#82
p-Isopropyltoluene
Concen: 1.428 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008485.D
Acq: 27 Mar 2019 16:15

Instrument :
MSVOA_X
ClientSampleId :
MH-C05-SETTLED-1H-B

Tgt Ion:119 Resp: 14176

Ion	Ratio	Lower	Upper
119	100		
134	26.2	0.0	55.4
91	25.8	0.0	45.0