Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061419\
Data File : VW010814.D
Acq On : 14 Jun 2019 15:09
Operator : SY/VA
Sample : K3393-01
Misc : 6.17G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DRILLING-MUD

Quant Time: Jun 15 06:02:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	179183	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	299337	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	215787	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	62632	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	80580	38.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 76.30%				
35) Dibromofluoromethane	7.88	113	57377	35.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 70.62%				
50) Toluene-d8	10.32	98	207429	29.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 58.22%				
62) 4-Bromofluorobenzene	12.62	95	59893	23.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 46.20%				
Target Compounds							Qvalue
10) Methyl Iodide	4.28	142	253	4.922	ug/l	#	41
11) Tert butyl alcohol	5.18	59	237	1.377	ug/l	#	72
16) Acetone	4.12	43	126019	222.688	ug/l		99
17) Carbon Disulfide	4.38	76	40292	7.325	ug/l		99
18) Methyl Acetate	4.68	43	4995	4.100	ug/l		100
20) Methylene Chloride	4.92	84	12286	6.189	ug/l		91
25) 2-Butanone	7.17	43	141058	179.761	ug/l		96
29) Tetrahydrofuran	7.53	42	2513	5.091	ug/l	#	88
31) Cyclohexane	7.95	56	4896	1.149	ug/l	#	3
36) 1,1-Dichloropropene	7.95	75	16104	5.256	ug/l	#	51
37) Ethyl Acetate	7.17	43	141058	83.077	ug/l	#	72
38) Carbon Tetrachloride	7.95	117	18074	6.833	ug/l	#	17
41) Methacrylonitrile	7.51	41	1254	1.243	ug/l	#	49
49) 1,4-Dioxane	9.54	88	20	1.245	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.21	43	4654	2.777	ug/l		97
74) N-amyl acetate	12.24	43	1530	1.006	ug/l	#	68
76) 1,2,3-Trichloropropane	12.62	75	32752	49.796	ug/l	#	100
77) Bromobenzene	12.88	156	36456	35.485	ug/l	#	1
81) trans-1,4-Dichloro-2-buten	12.62	75	32752	114.448	ug/l	#	5
82) 4-Chlorotoluene	13.03	91	26764	7.999	ug/l	#	43
84) 1,2,4-Trimethylbenzene	13.26	105	7653	1.974	ug/l		97
85) sec-Butylbenzene	13.38	105	6053	1.272	ug/l		89
86) p-Isopropyltoluene	13.50	119	7333	1.723	ug/l	#	70

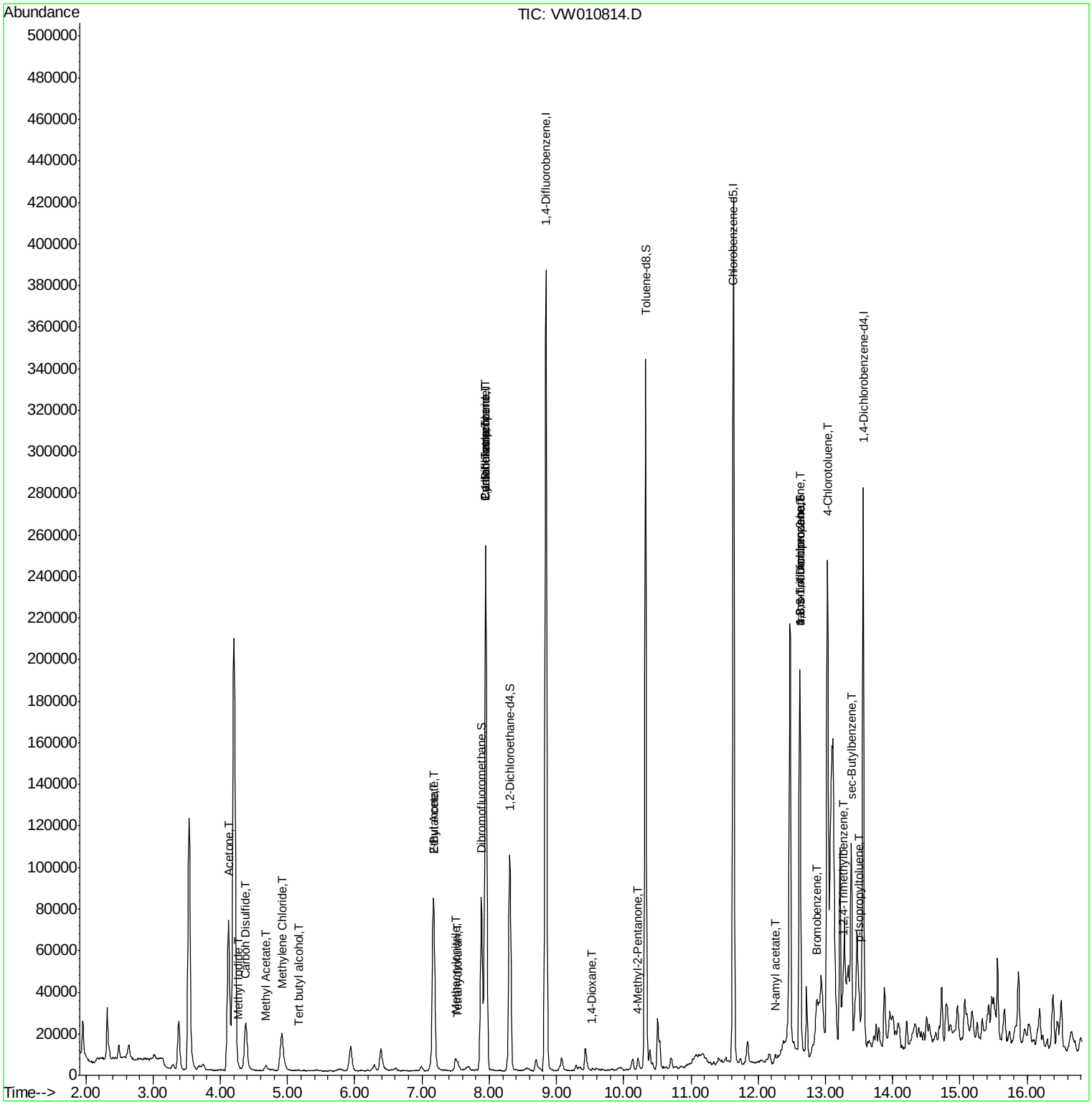
(#) = qualifier out of range (m) = manual integration (+) = signals summed

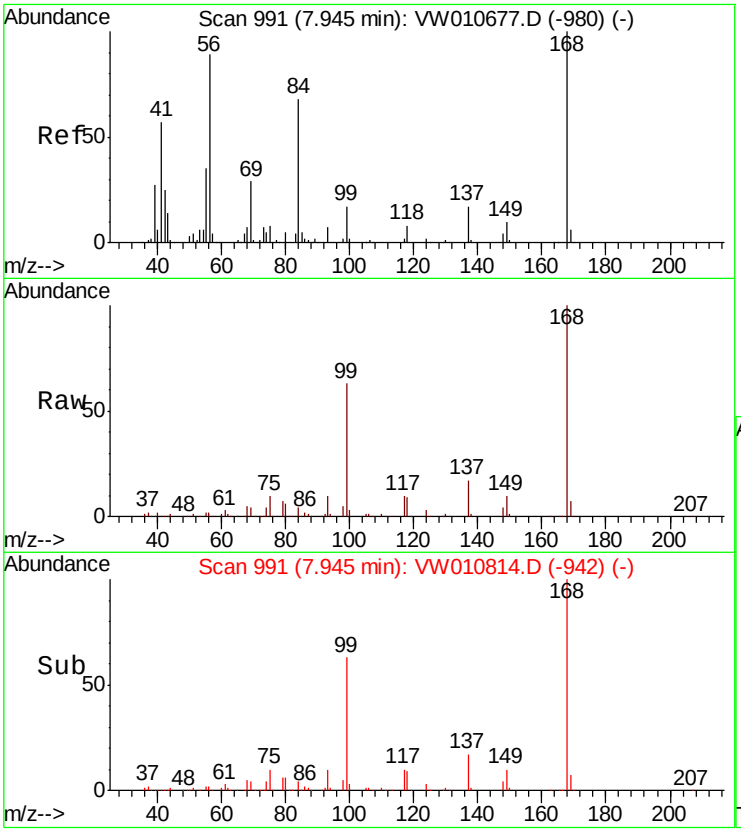
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061419\
Data File : VW010814.D
Acq On : 14 Jun 2019 15:09
Operator : SY/VA
Sample : K3393-01
Misc : 6.17G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DRILLING-MUD

Quant Time: Jun 15 06:02:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration



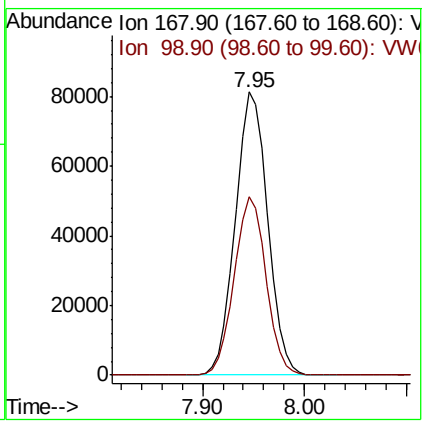


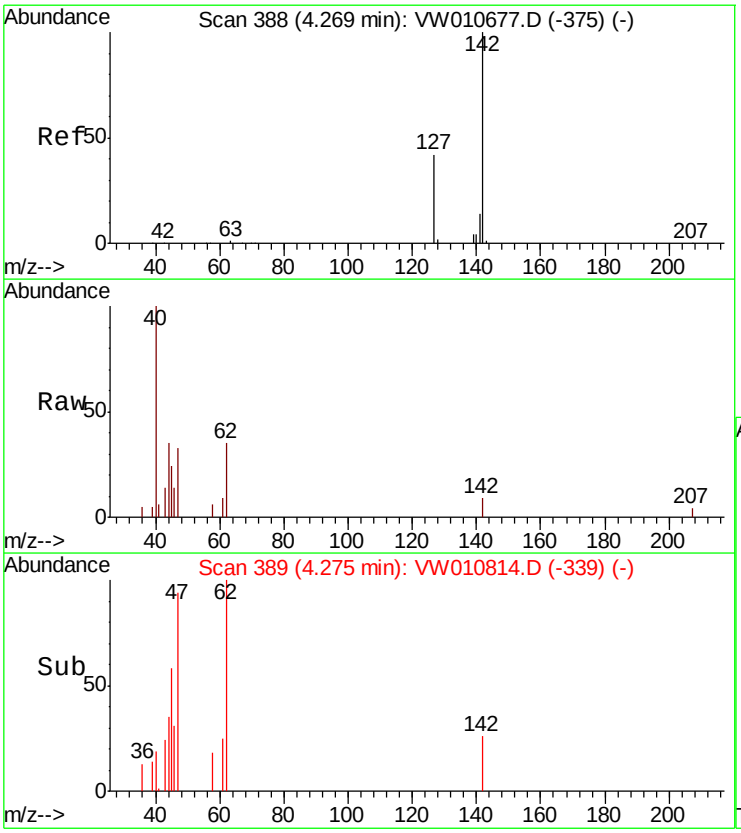
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Instrument :
MSVOA_W
ClientSampleId :
DRILLING-MUD

Tgt Ion:168 Resp: 179183

Ion	Ratio	Lower	Upper
168	100		
99	63.0	47.7	71.5

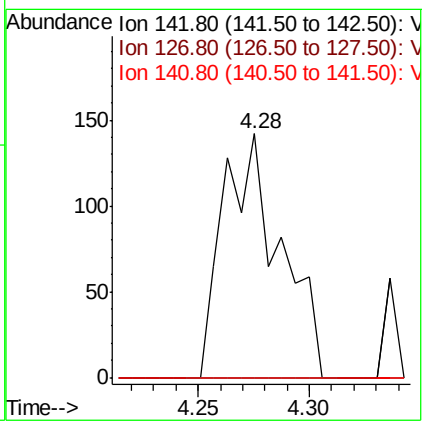


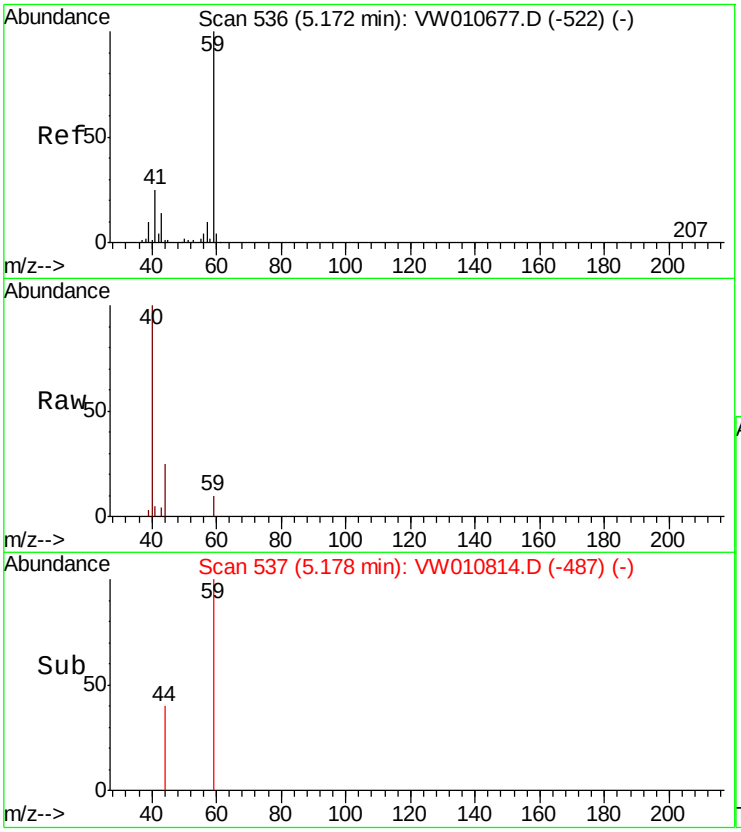


#10
Methyl Iodide
Concen: 4.922 ug/l
RT: 4.28 min Scan# 389
Delta R.T. 0.01 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Tgt Ion:142 Resp: 253

Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.6	51.8#
141	0.0	11.6	17.4#



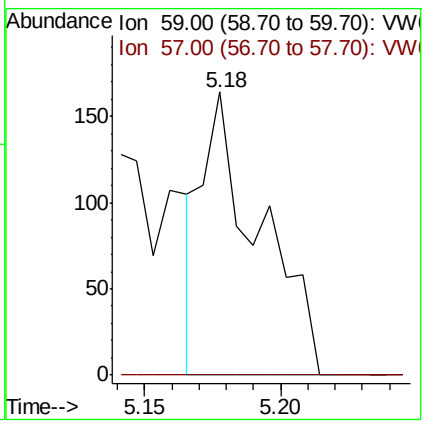


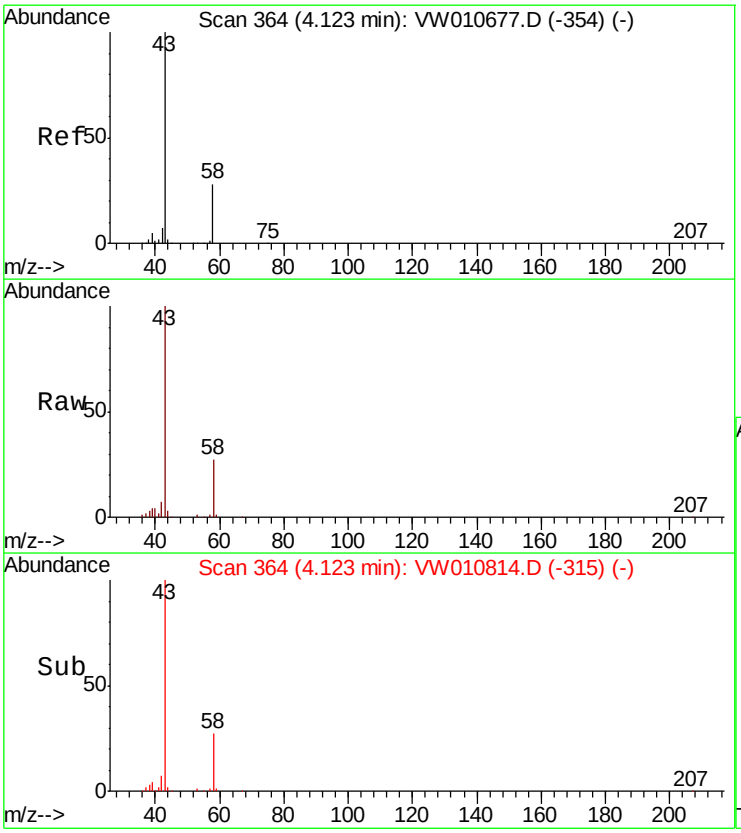
#11
Tert butyl alcohol
Concen: 1.377 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Instrument : MSVOA_W
ClientSampleId : DRILLING-MUD

Tgt Ion: 59 Resp: 237

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

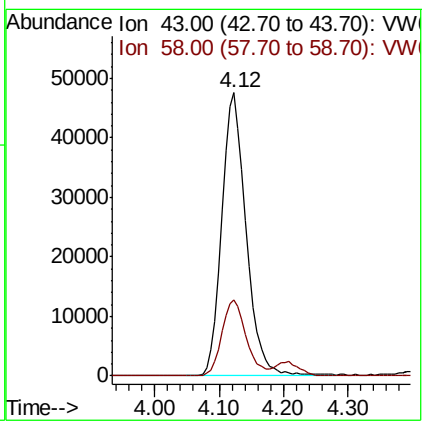


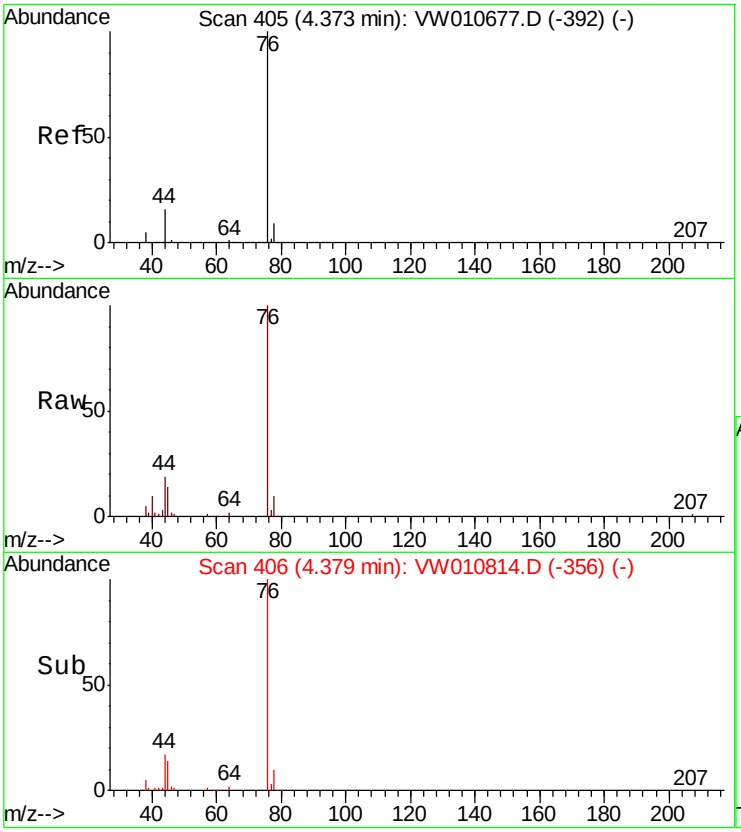


#16
Acetone
Concen: 222.688 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Tgt Ion: 43 Resp: 126019

Ion	Ratio	Lower	Upper
43	100		
58	26.9	22.1	33.1



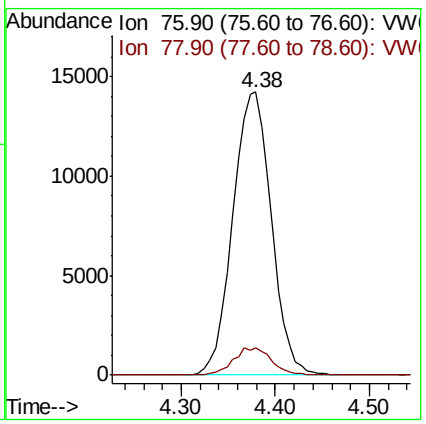


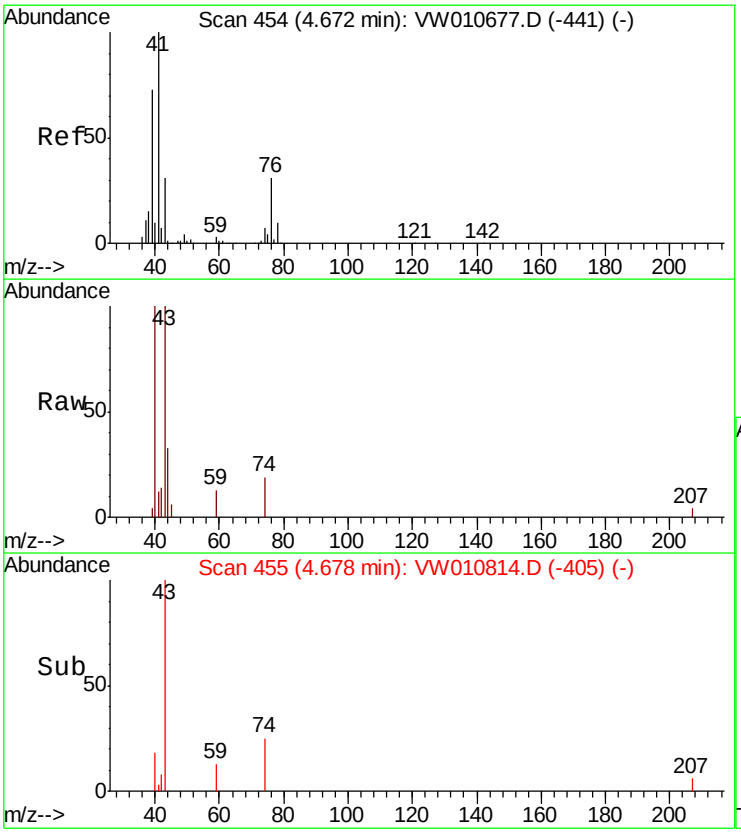
#17
Carbon Disulfide
Concen: 7.325 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Instrument : MSVOA_W
ClientSampleId : DRILLING-MUD

Tgt Ion: 76 Resp: 40292

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.5	11.3

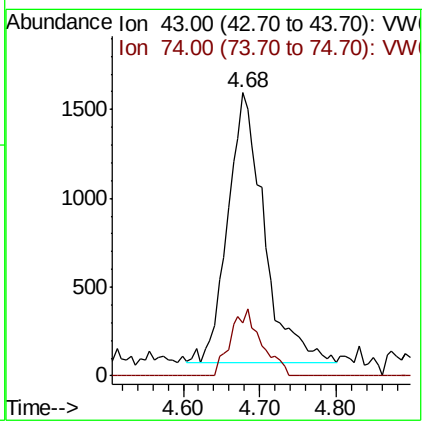


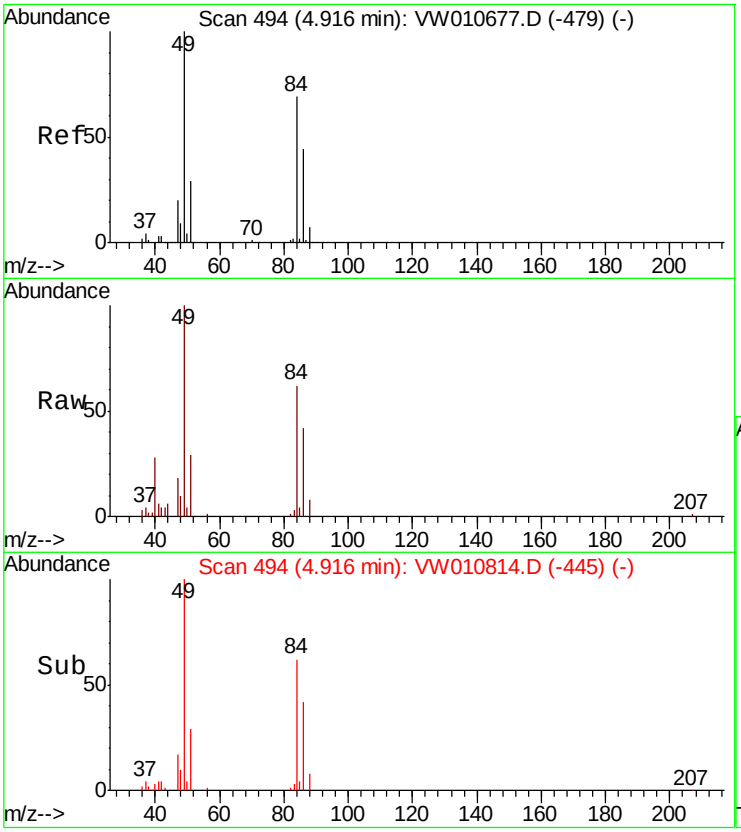


#18
Methyl Acetate
Concen: 4.100 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Tgt Ion: 43 Resp: 4995

Ion	Ratio	Lower	Upper
43	100		
74	21.0	16.7	25.1



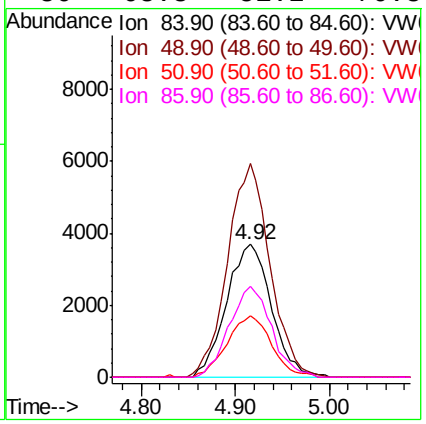


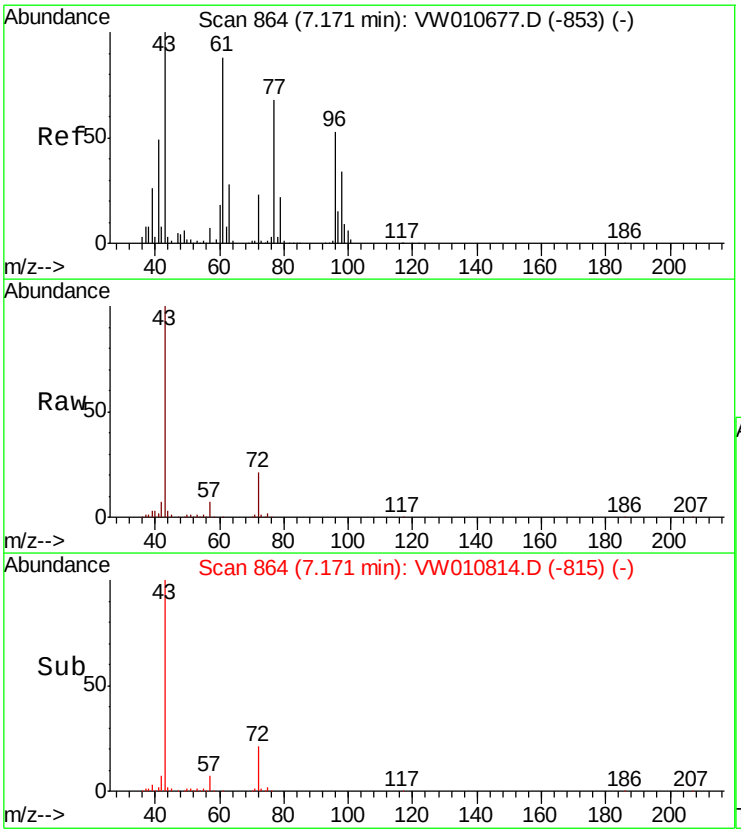
#20
Methylene Chloride
Concen: 6.189 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Instrument : MSVOA_W
ClientSampleId : DRILLING-MUD

Tgt Ion: 84 Resp: 12286

Ion	Ratio	Lower	Upper
84	100		
49	160.8	116.7	175.1
51	46.7	34.2	51.2
86	68.3	51.2	76.8

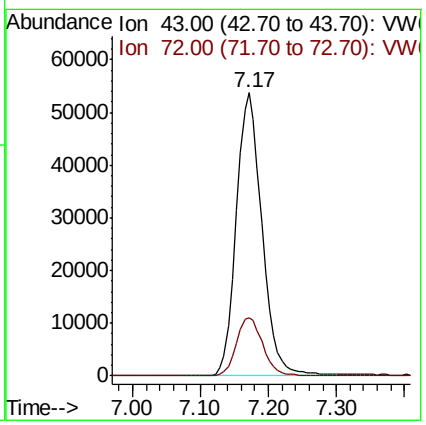


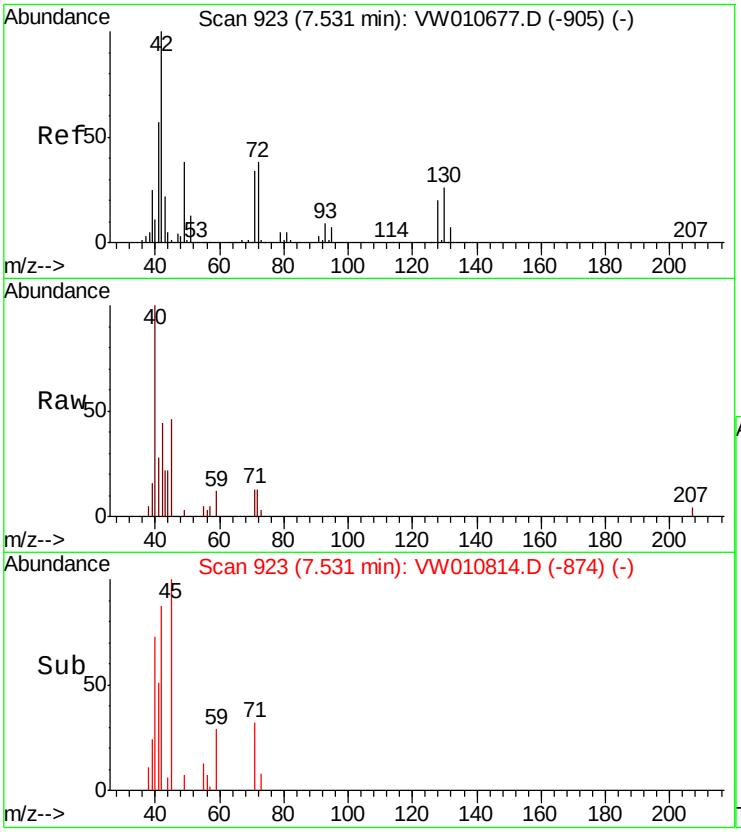


#25
2-Butanone
Concen: 179.761 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Tgt Ion: 43 Resp: 141058

Ion	Ratio	Lower	Upper
43	100		
72	20.6	18.1	27.1



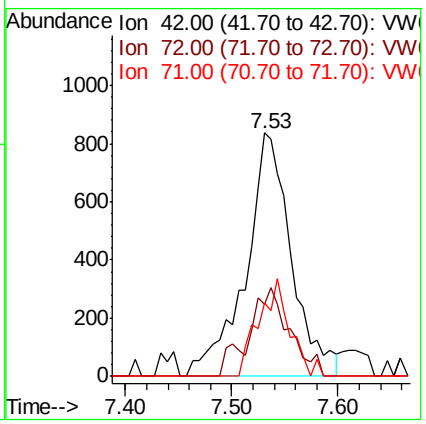


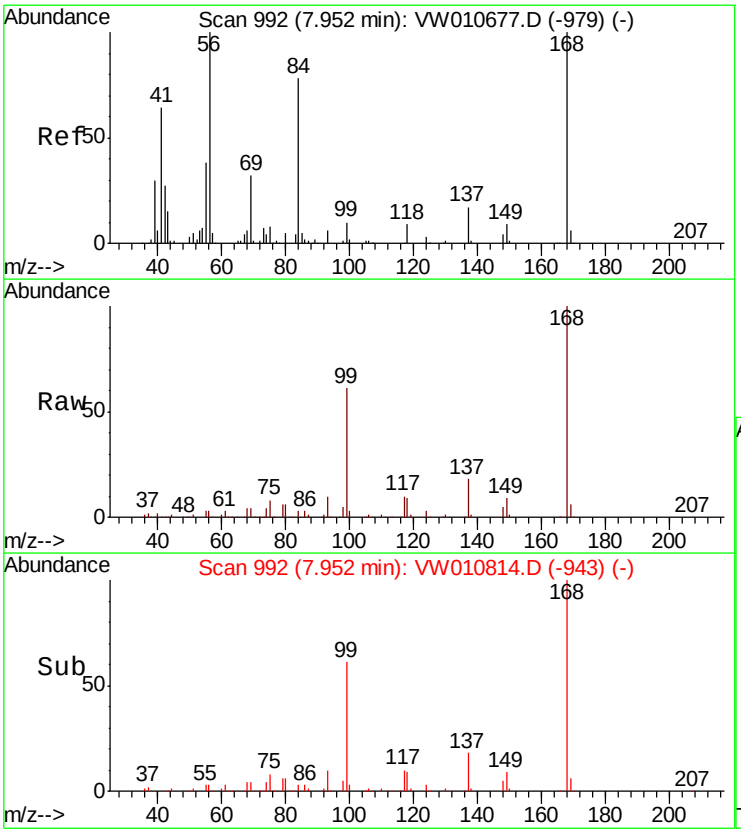
#29
Tetrahydrofuran
Concen: 5.091 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Instrument : MSVOA_W
ClientSampleId : DRILLING-MUD

Tgt Ion: 42 Resp: 2513

Ion	Ratio	Lower	Upper
42	100		
72	27.3	28.7	43.1#
71	27.5	26.6	39.8

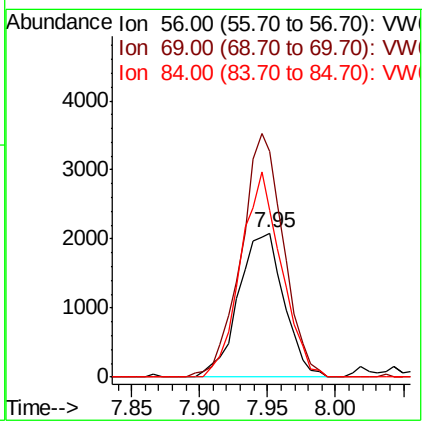


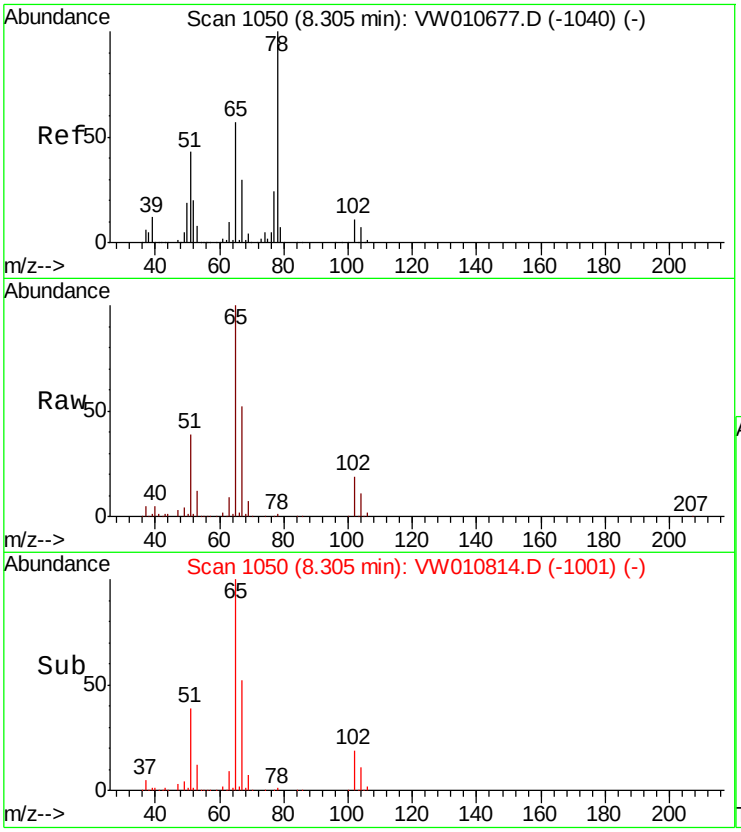


#31
Cyclohexane
Concen: 1.149 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Tgt Ion: 56 Resp: 4896

Ion	Ratio	Lower	Upper
56	100		
69	157.0	25.2	37.8#
84	116.2	62.2	93.2#



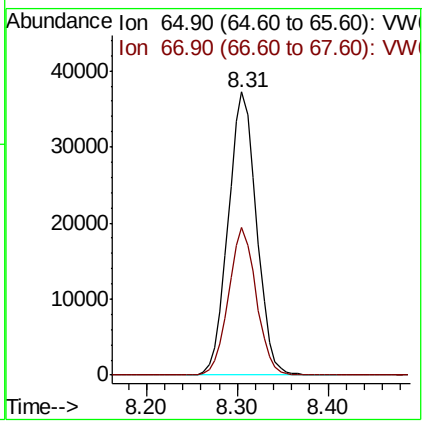


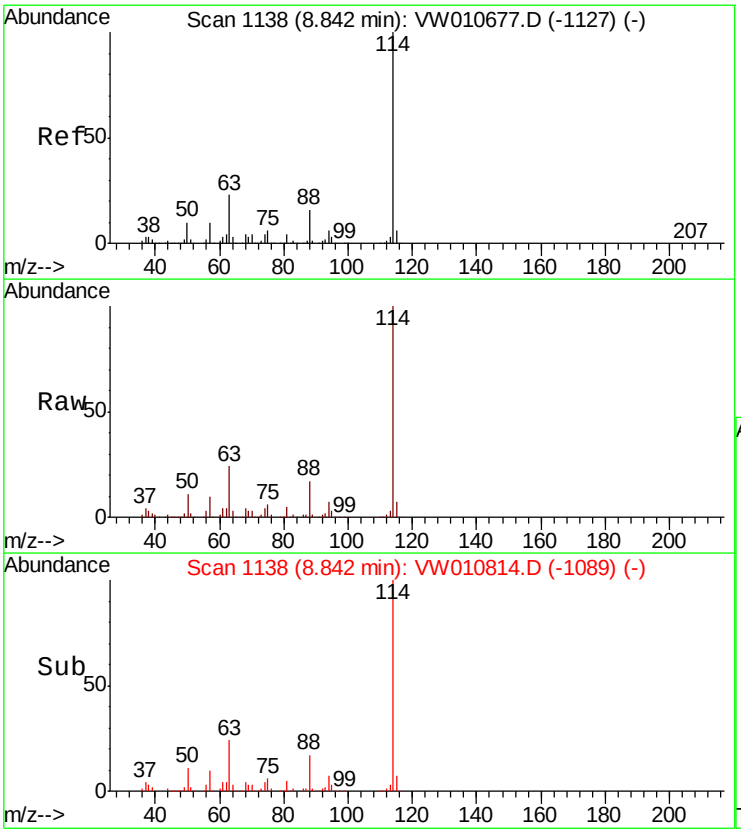
#33
1,2-Dichloroethane-d4
Concen: 38.154 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Instrument : MSVOA_W
ClientSampleId : DRILLING-MUD

Tgt Ion: 65 Resp: 80580

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.6

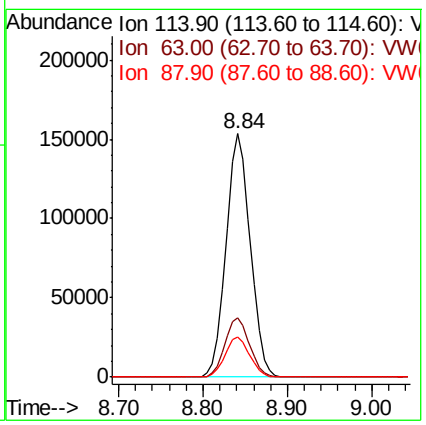


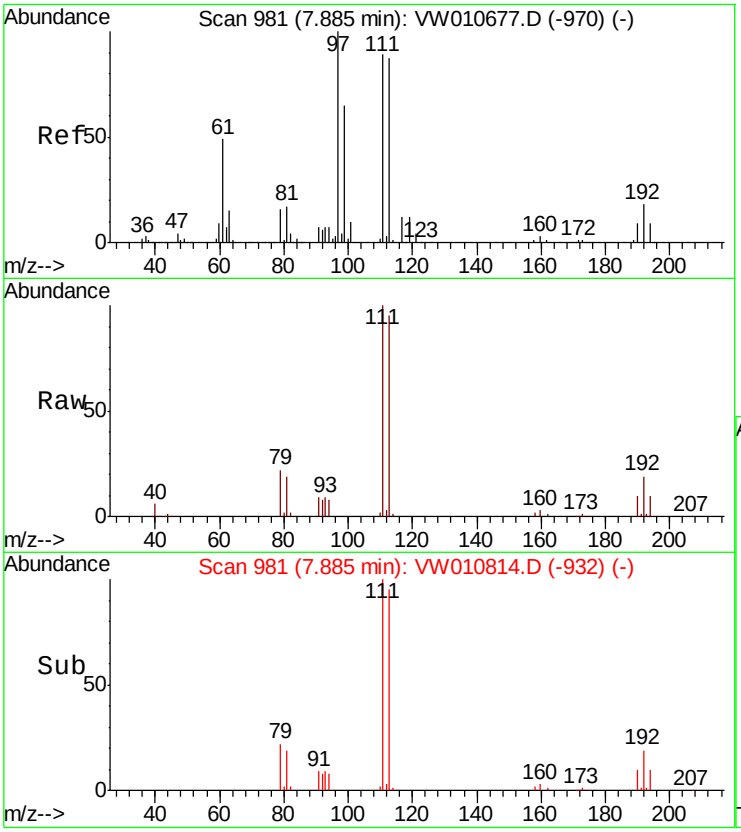


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Tgt Ion:114 Resp: 299337

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	46.4
88	16.6	0.0	32.2



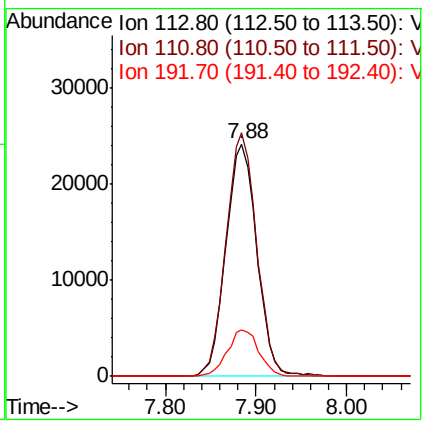


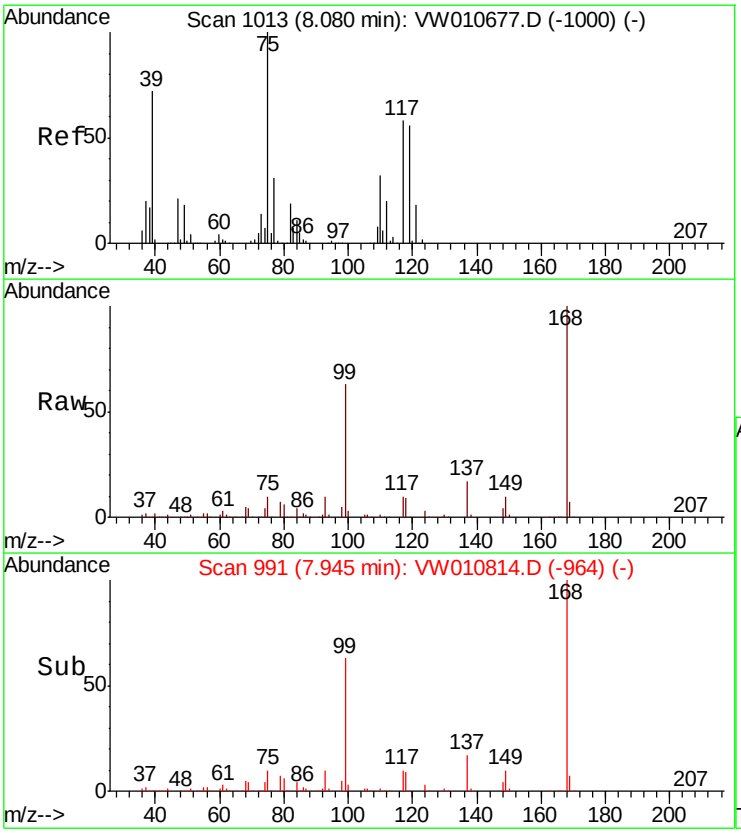
#35
Dibromofluoromethane
Concen: 35.315 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Instrument : MSVOA_W
ClientSampleId : DRILLING-MUD

Tgt Ion:113 Resp: 57377

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	123.8
192	20.3	16.4	24.6

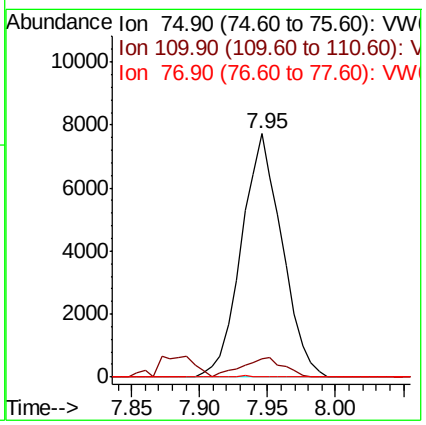


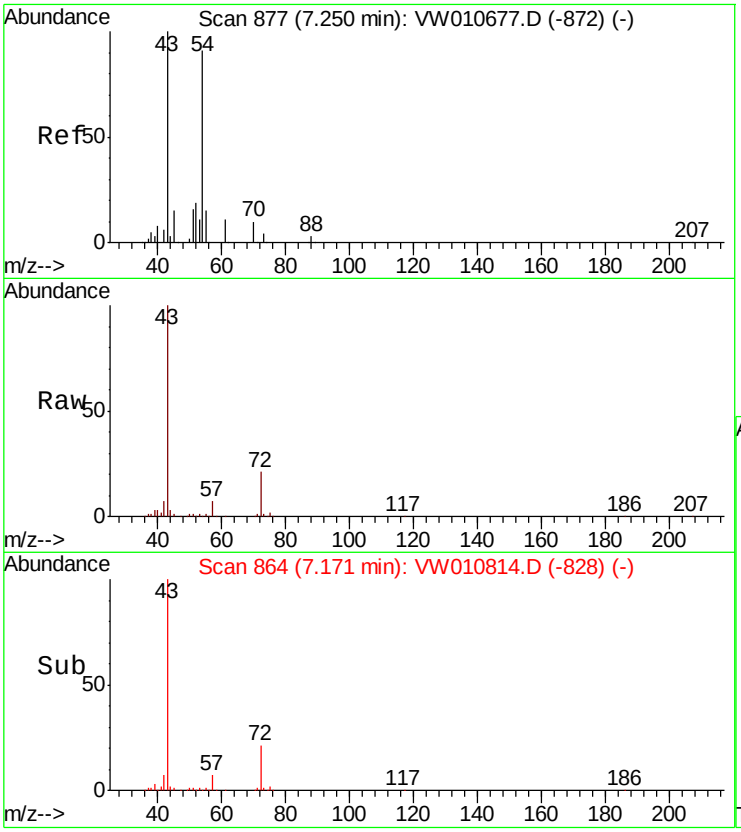


#36
1,1-Dichloropropene
Concen: 5.256 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Tgt Ion: 75 Resp: 16104

Ion	Ratio	Lower	Upper
75	100		
110	8.4	15.8	47.3#
77	0.1	24.7	37.1#



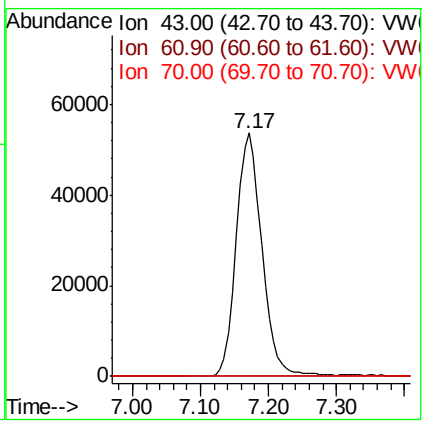


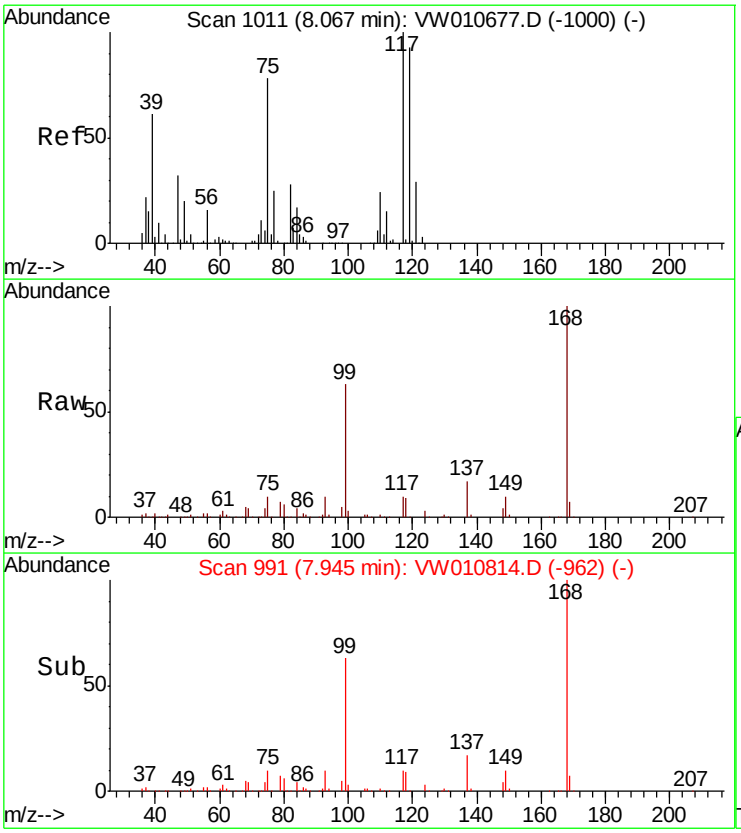
#37
Ethyl Acetate
Concen: 83.077 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.08 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Instrument : MSVOA_W
ClientSampleId : DRILLING-MUD

Tgt Ion: 43 Resp: 141058

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	7.2	10.8#

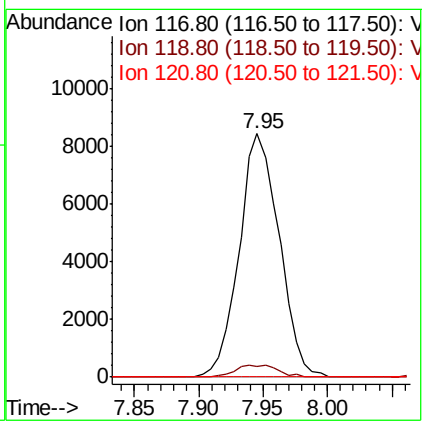


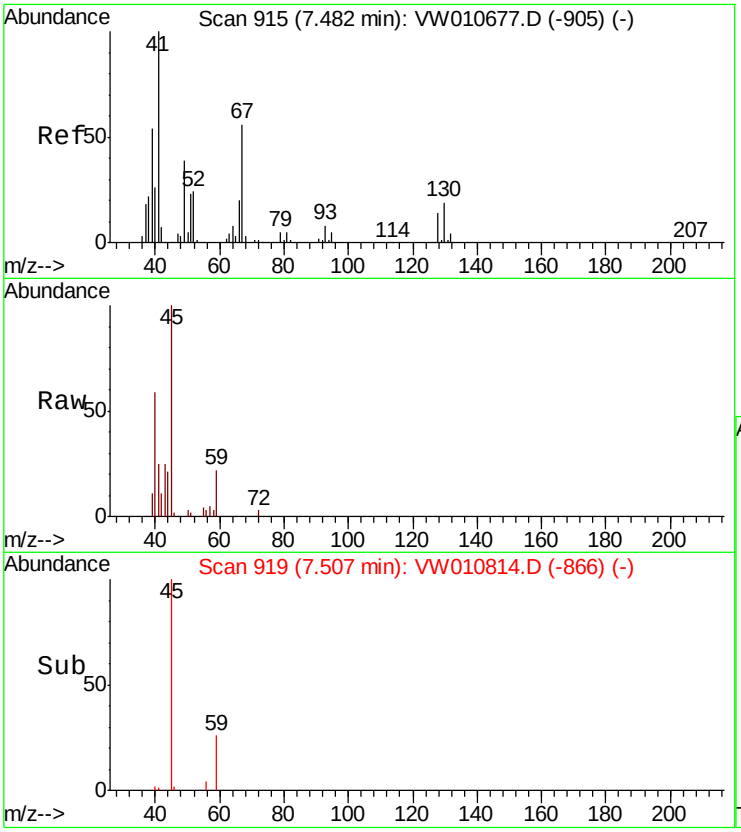


#38
Carbon Tetrachloride
Concen: 6.833 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Tgt Ion:117 Resp: 18074

Ion	Ratio	Lower	Upper
117	100		
119	4.3	74.2	111.4#
121	0.0	22.9	34.3#



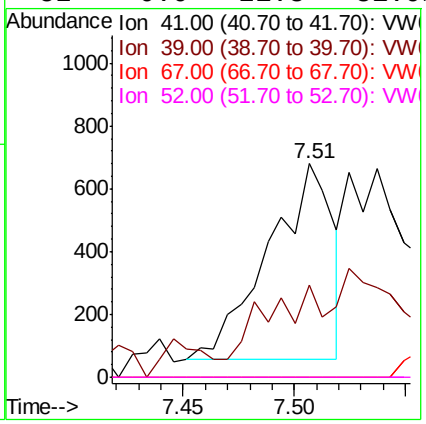


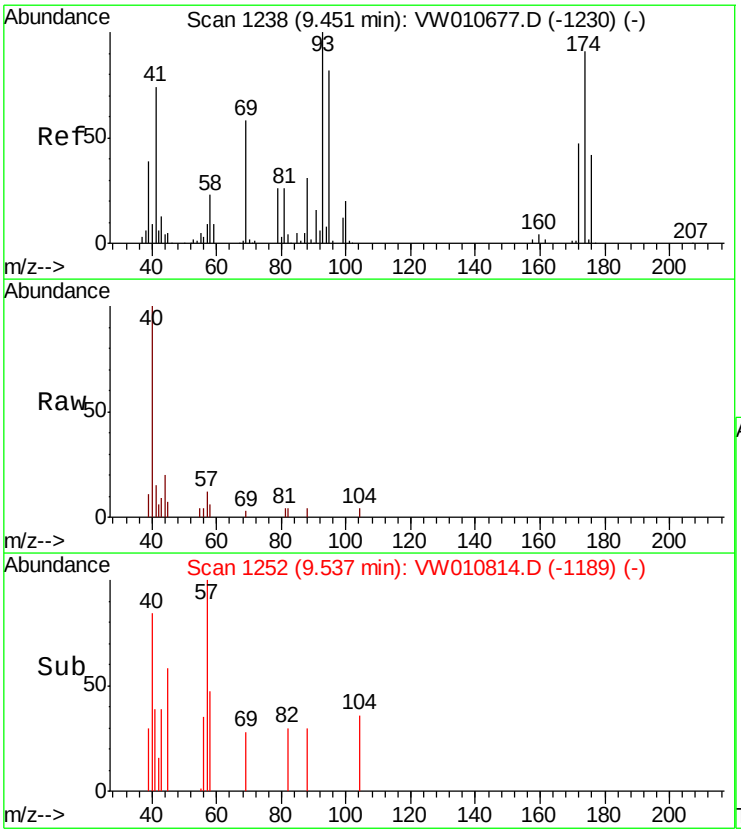
#41
Methacrylonitrile
Concen: 1.243 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.02 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Instrument : MSVOA_W
ClientSampleId : DRILLING-MUD

Tgt Ion: 41 Resp: 1254

Ion	Ratio	Lower	Upper
41	100		
39	76.6	47.3	70.9#
67	0.0	47.2	70.8#
52	0.0	21.3	31.9#

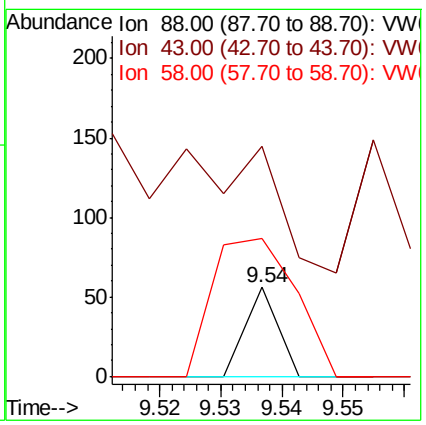


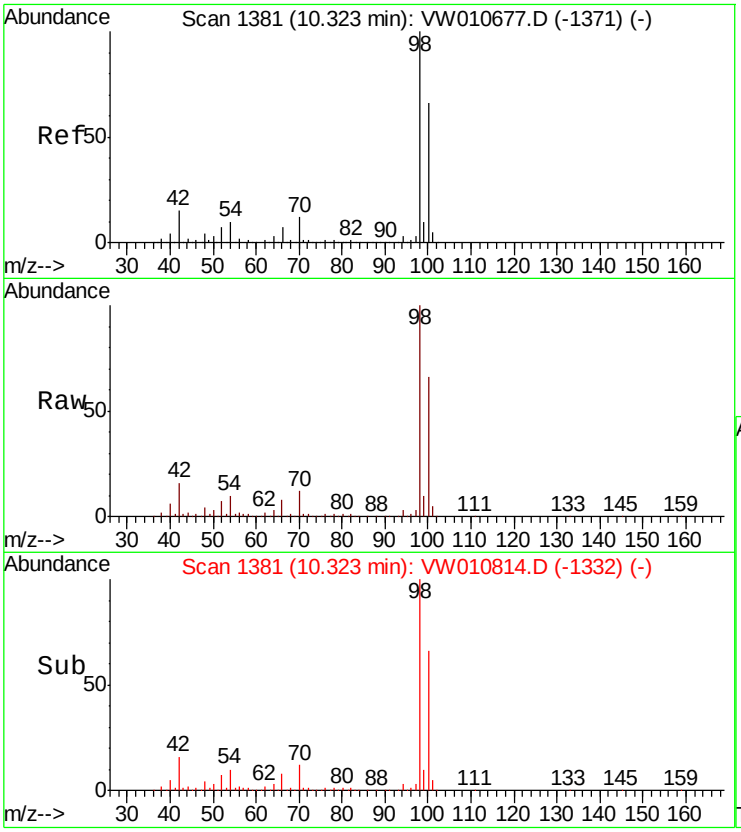


#49
1,4-Dioxane
Concen: 1.245 ug/l
RT: 9.54 min Scan# 1252
Delta R.T. 0.09 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	0.0	34.2	51.4#
58	405.0	69.0	103.4#



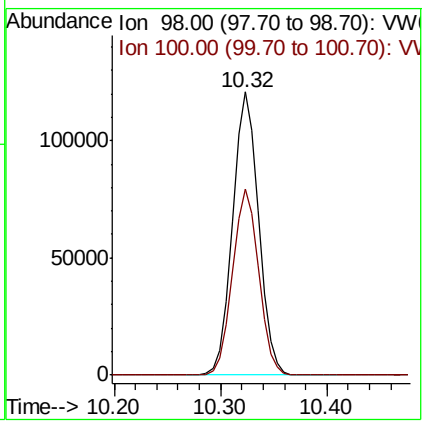


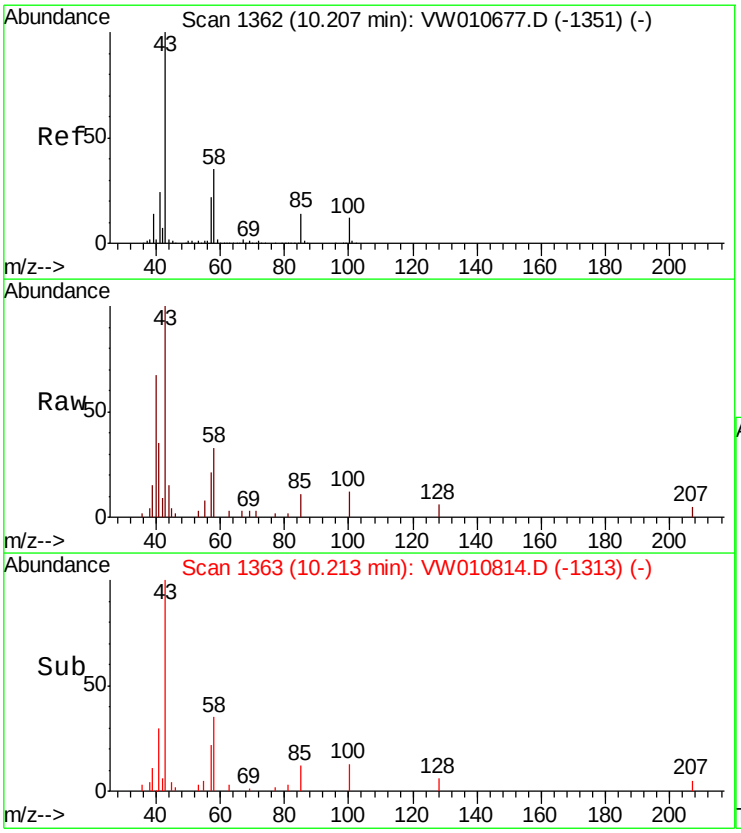
#50
Toluene-d8
Concen: 29.114 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Instrument :
MSVOA_W
ClientSampleId :
DRILLING-MUD

Tgt Ion: 98 Resp: 207429

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.6

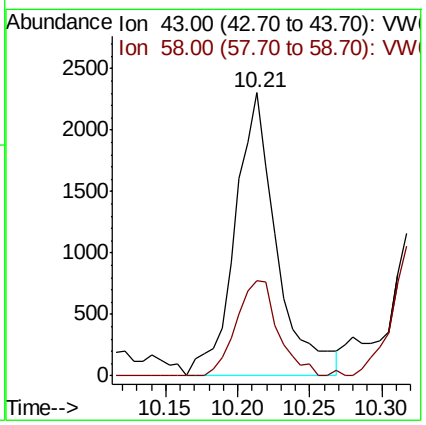


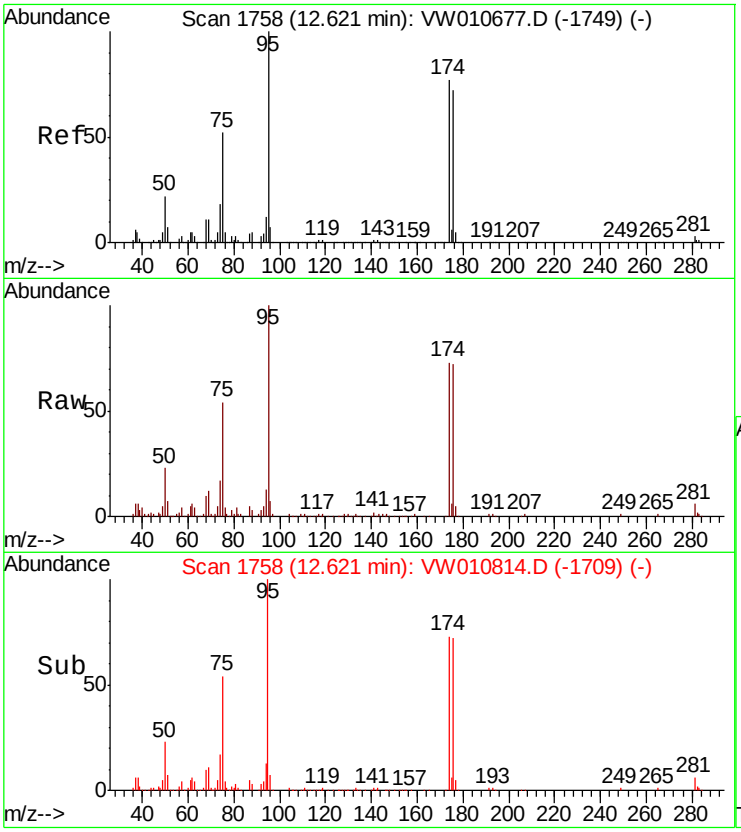


#51
4-Methyl-2-Pentanone
Concen: 2.777 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Tgt Ion: 43 Resp: 4654

Ion	Ratio	Lower	Upper
43	100		
58	33.5	28.4	42.6



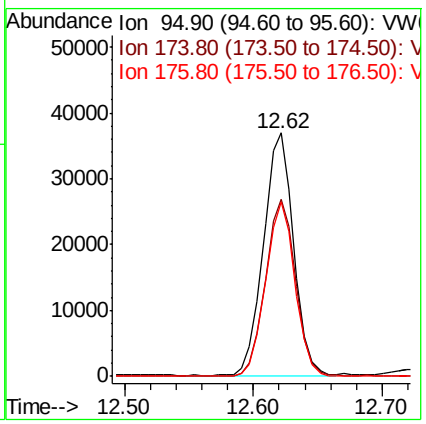


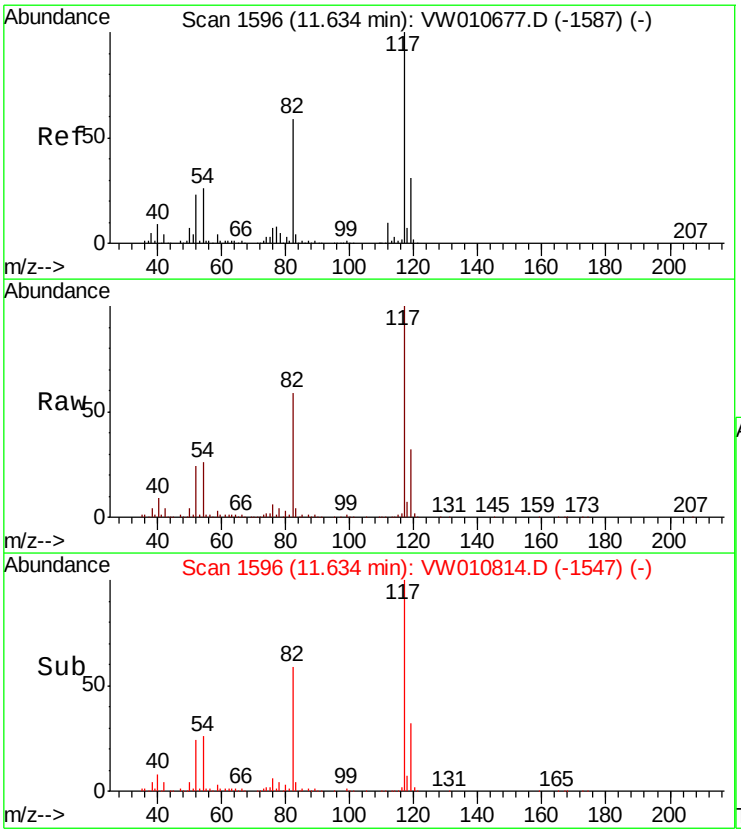
#62
4-Bromofluorobenzene
Concen: 23.102 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Instrument :
MSVOA_W
ClientSampleId :
DRILLING-MUD

Tgt Ion: 95 Resp: 59893

Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	150.4
176	70.2	0.0	144.8

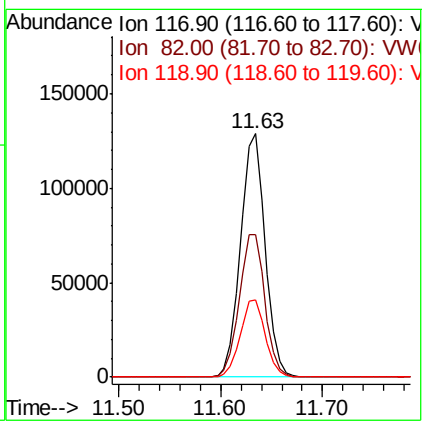


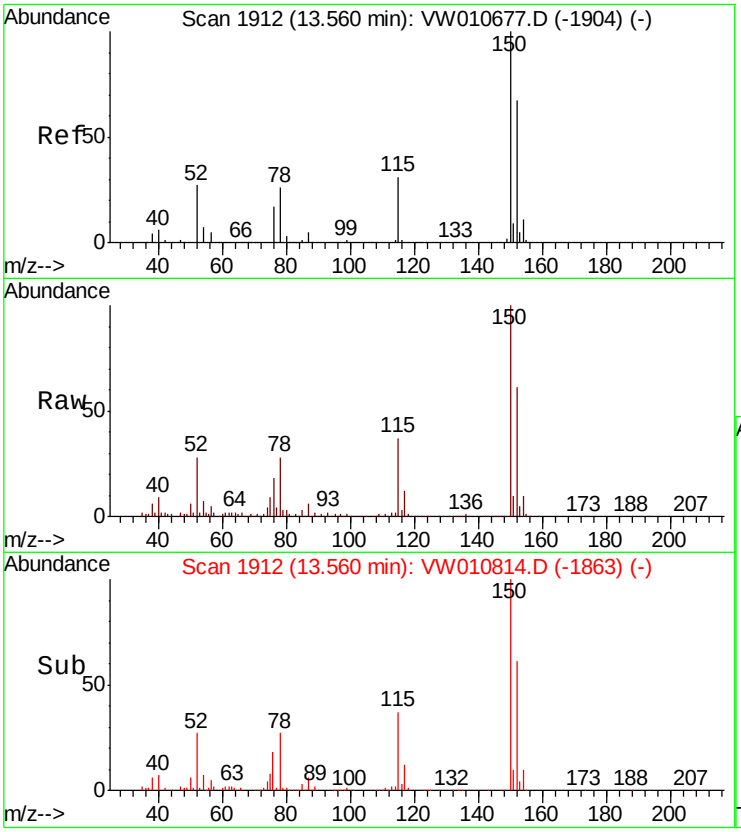


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Tgt Ion:117 Resp: 215787

Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.0	70.4
119	31.5	25.1	37.7



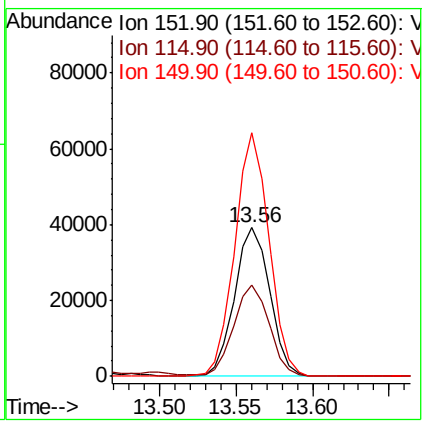


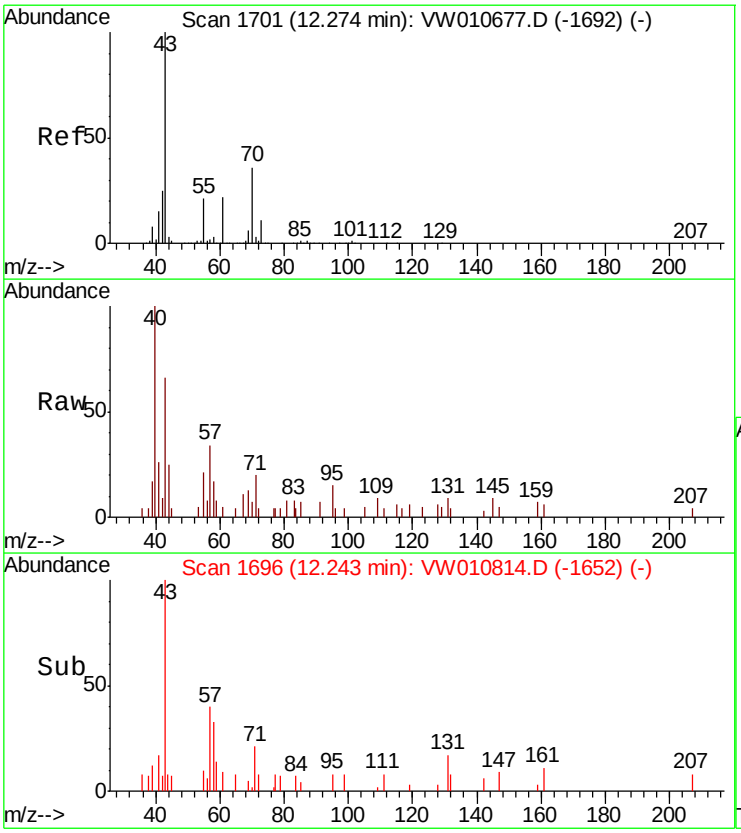
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Instrument : MSVOA_W
ClientSampleId : DRILLING-MUD

Tgt Ion:152 Resp: 62632

Ion	Ratio	Lower	Upper
152	100		
115	61.5	29.8	89.3
150	159.0	0.0	345.0

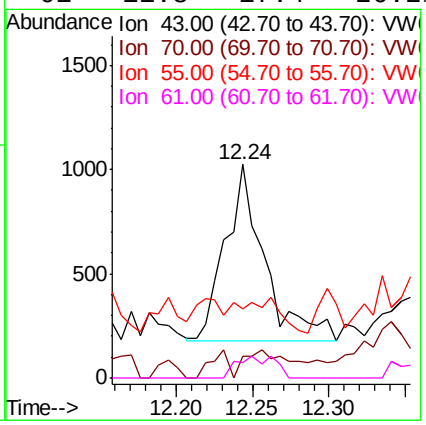


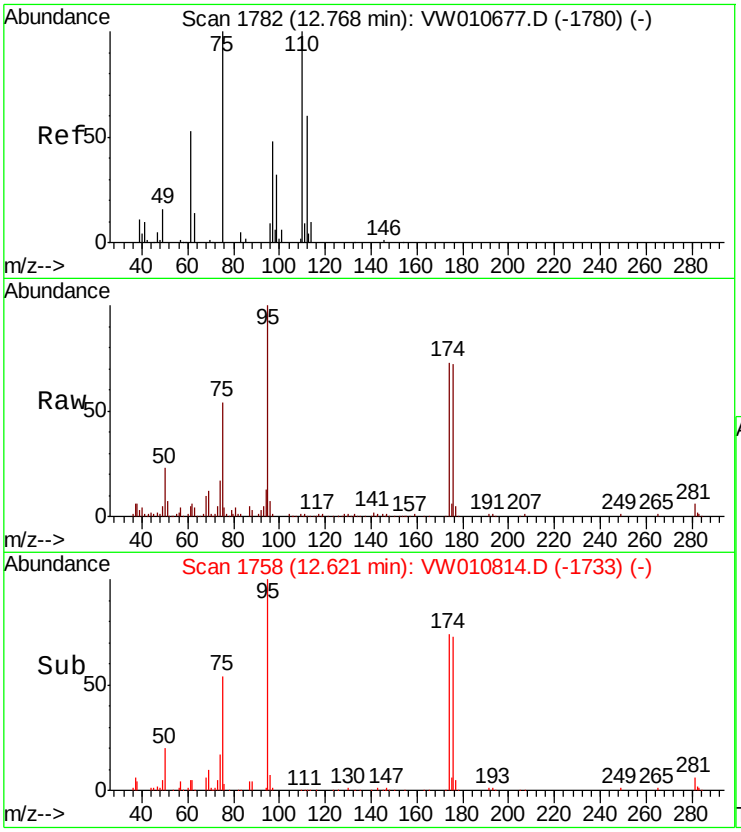


#74
N-amyl acetate
Concen: 1.006 ug/l
RT: 12.24 min Scan# 1696
Delta R.T. -0.03 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Tgt Ion: 43 Resp: 1530

Ion	Ratio	Lower	Upper
43	100		
70	18.5	29.2	43.8#
55	0.0	17.5	26.3#
61	11.8	17.4	26.2#



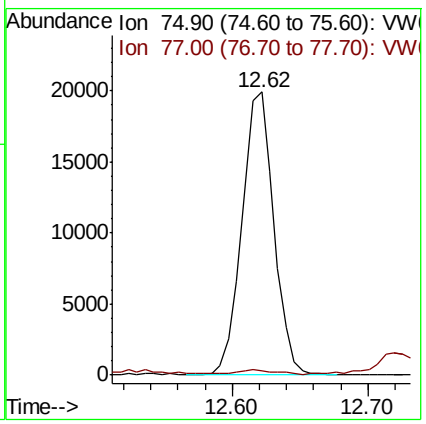


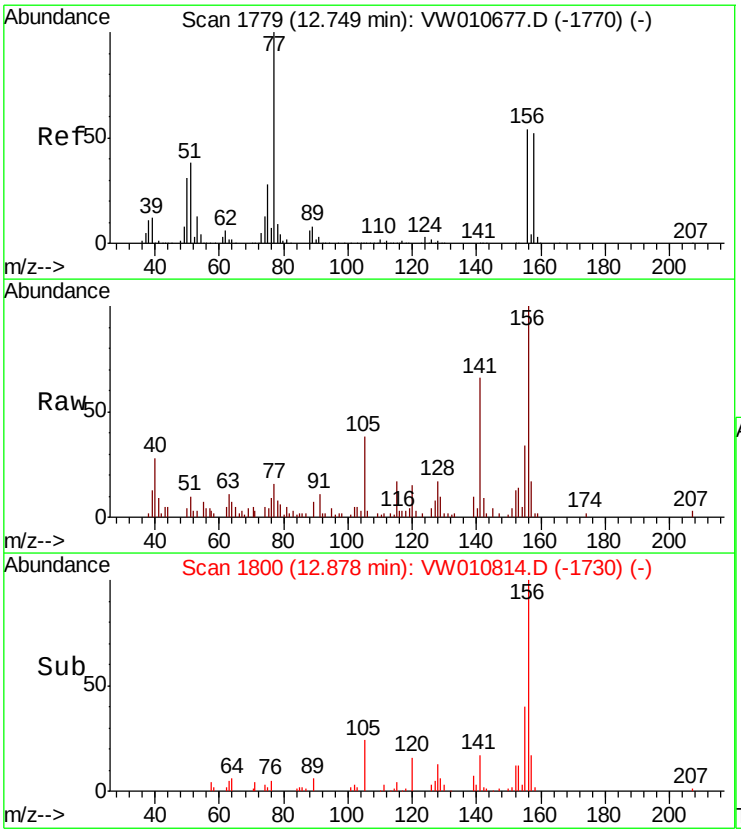
#76
1,2,3-Trichloropropane
Concen: 49.796 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Instrument :
MSVOA_W
ClientSampleId :
DRILLING-MUD

Tgt Ion: 75 Resp: 32752

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

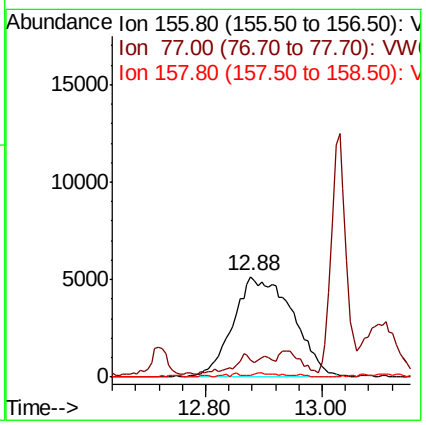


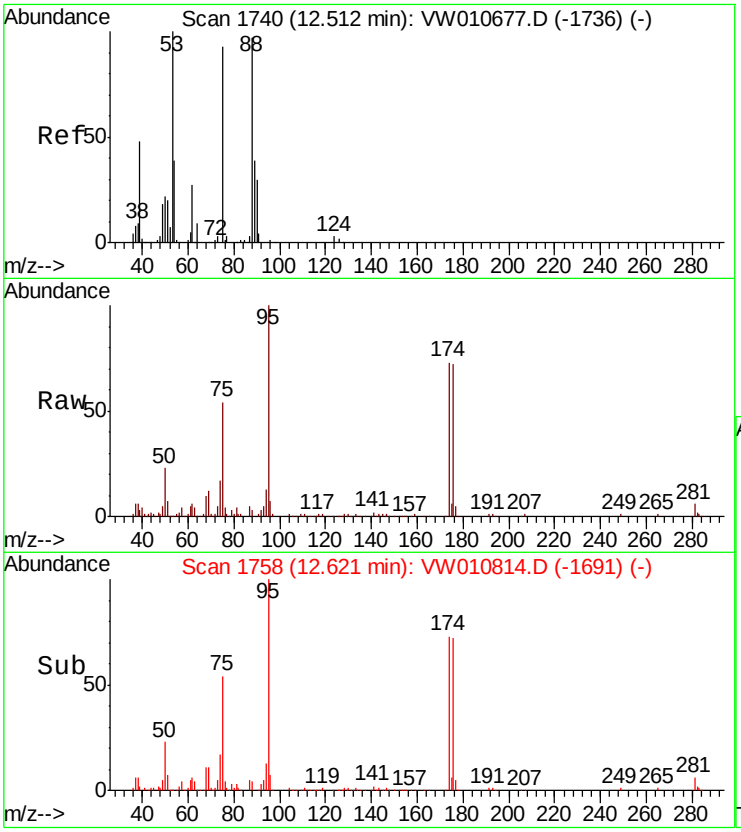


#77
Bromobenzene
Concen: 35.485 ug/l
RT: 12.88 min Scan# 1800
Delta R.T. 0.13 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Tgt Ion:156 Resp: 36456

Ion	Ratio	Lower	Upper
156	100		
77	0.0	106.5	319.4#
158	0.7	48.3	144.9#



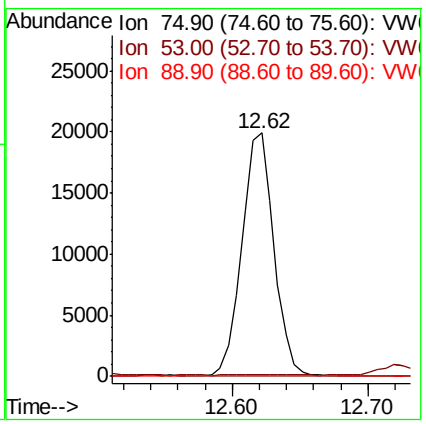


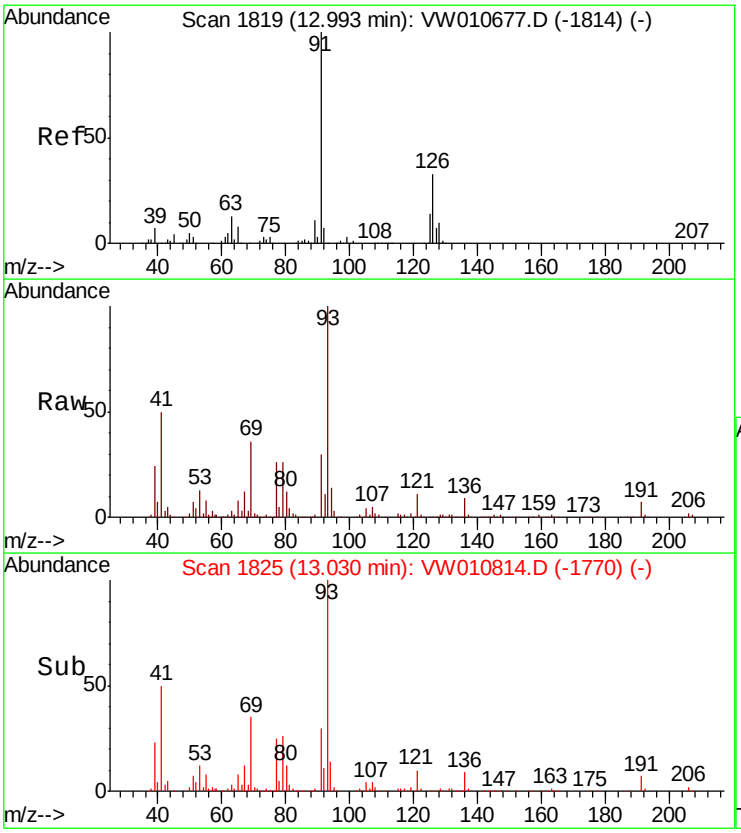
#81
trans-1,4-Dichloro-2-butene
Concen: 114.448 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Instrument : MSVOA_W
ClientSampleId : DRILLING-MUD

Tgt Ion: 75 Resp: 32752

Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.1	135.1#
89	0.1	34.6	52.0#

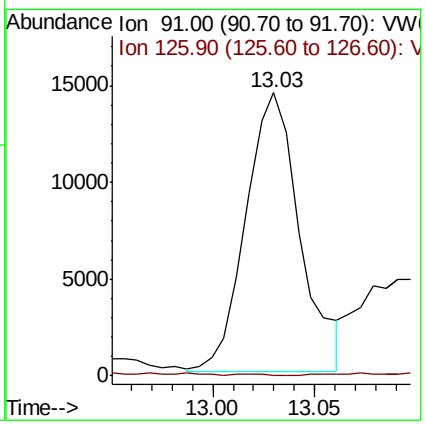


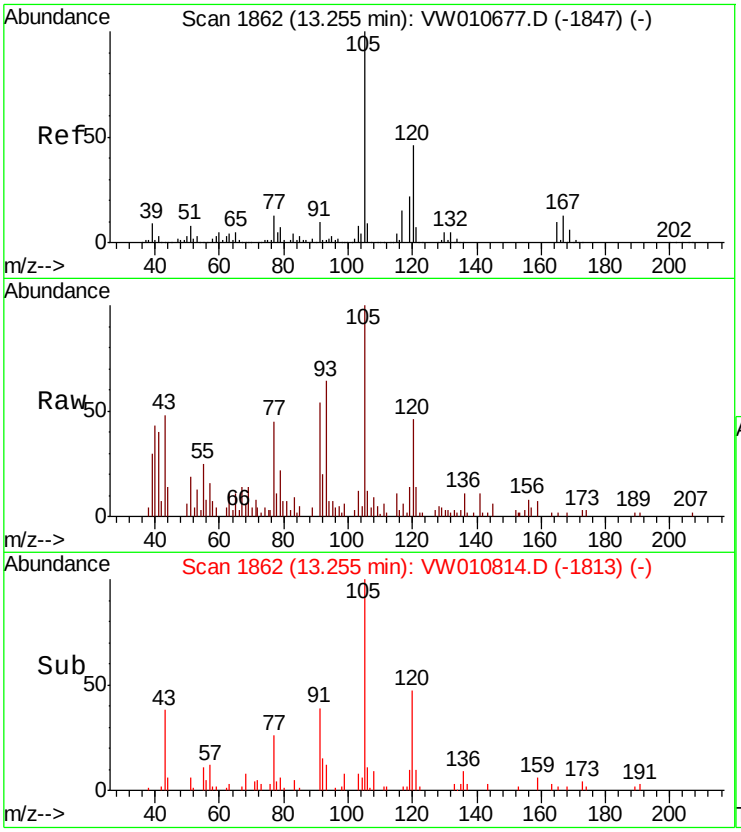


#82
4-Chlorotoluene
Concen: 7.999 ug/l
RT: 13.03 min Scan# 1825
Delta R.T. 0.04 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Tgt Ion: 91 Resp: 26764

Ion	Ratio	Lower	Upper
91	100		
126	0.4	15.9	47.7#



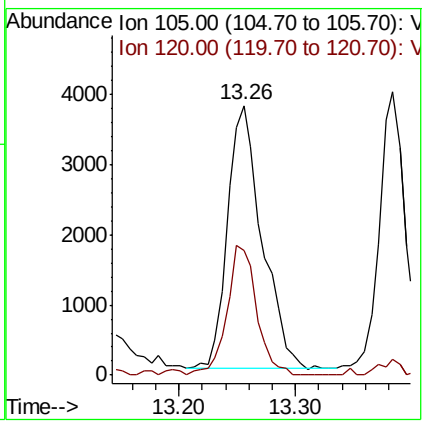


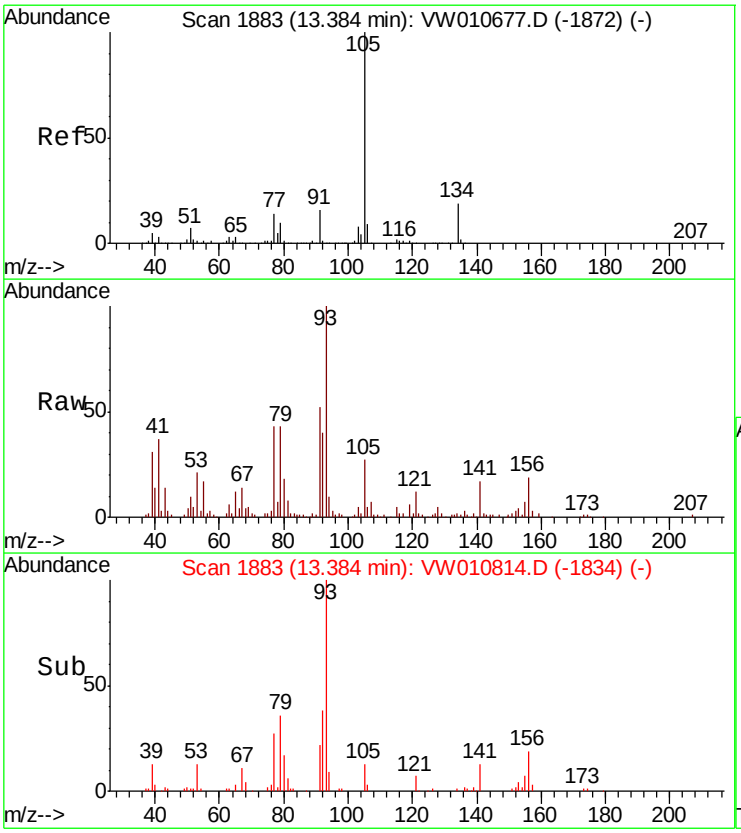
#84
1,2,4-Trimethylbenzene
Concen: 1.974 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Instrument :
MSVOA_W
ClientSampleId :
DRILLING-MUD

Tgt Ion:105 Resp: 7653

Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.5	67.5

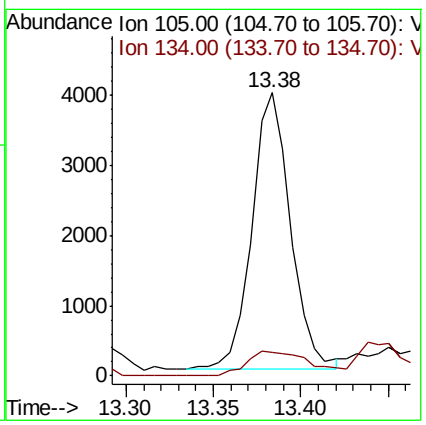


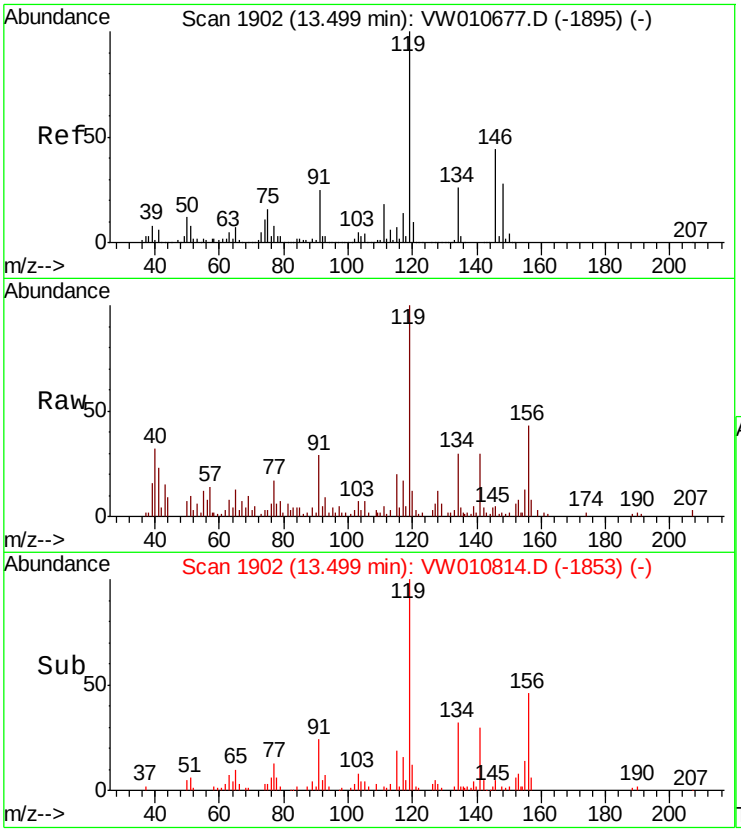


#85
sec-Butylbenzene
Concen: 1.272 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Tgt Ion:105 Resp: 6053

Ion	Ratio	Lower	Upper
105	100		
134	14.4	9.7	28.9





#86
p-Isopropyltoluene
Concen: 1.723 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. 0.00 min
Lab File: VW010814.D
Acq: 14 Jun 2019 15:09

Instrument :
MSVOA_W
ClientSampleId :
DRILLING-MUD

Tgt Ion:119 Resp: 7333

Ion	Ratio	Lower	Upper
119	100		
134	31.9	13.0	39.0
91	0.0	12.2	36.4#