Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
Data File : VW006614.D
Acq On : 02 Nov 2018 20:52
Operator : SY/AP
Sample : J5200-17RE
Misc : 6.07G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : OR-03-103118-ARE

Quant Time: Nov 03 00:27:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	223259	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.85	114	332846	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	282163	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	129880	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	86681	45.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.34%				
35) Dibromofluoromethane	7.88	113	87286	41.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 83.58%				
50) Toluene-d8	10.33	98	292406	36.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 73.54%				
62) 4-Bromofluorobenzene	12.62	95	93315	32.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 64.74%				
Target Compounds							Qvalue
8) Diethyl Ether	3.68	74	1026	1.063	ug/l		55
11) Tert butyl alcohol	5.18	59	152	1.470	ug/l	#	84
16) Acetone	4.12	43	15571	50.255	ug/l		96
20) Methylene Chloride	4.92	84	2242	Below Cal			90
25) 2-Butanone	7.18	43	2420	5.473	ug/l	#	88
31) Cyclohexane	7.95	56	3729	1.220	ug/l	#	1
36) 1,1-Dichloropropene	7.95	75	13725	4.689	ug/l	#	49
37) Ethyl Acetate	7.18	43	2420	2.386	ug/l	#	66
38) Carbon Tetrachloride	7.95	117	19048	6.228	ug/l	#	16
52) Toluene	10.39	92	49362	8.852	ug/l		98
67) Ethyl Benzene	11.74	91	23420	2.360	ug/l		98
68) m/p-Xylenes	11.84	106	44320	11.178	ug/l		99
69) o-Xylene	12.17	106	32902	8.716	ug/l		96
73) Isopropylbenzene	12.47	105	17823	2.083	ug/l		99
74) N-amyl acetate	12.25	43	1763	1.192	ug/l	#	64
76) 1,2,3-Trichloropropane	12.88	75	1531	1.511	ug/l	#	100
78) n-propylbenzene	12.81	91	63409	6.443	ug/l		98
79) 2-Chlorotoluene	12.87	91	23179	4.104	ug/l	#	38
80) 1,3,5-Trimethylbenzene	12.95	105	75969	10.569	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.62	75	45813	113.509	ug/l	#	11
82) 4-Chlorotoluene	12.95	91	7984	1.336	ug/l	#	38
83) tert-Butylbenzene	13.26	119	46197	7.207	ug/l	#	68
84) 1,2,4-Trimethylbenzene	13.26	105	353317	47.922	ug/l		98
85) sec-Butylbenzene	13.39	105	38345	4.271	ug/l		92
86) p-Isopropyltoluene	13.51	119	23592	2.888	ug/l		99
89) n-Butylbenzene	13.83	91	40052	5.523	ug/l	#	75
90) Hexachloroethane	14.10	117	11822	8.805	ug/l	#	3
92) 1,2-Dibromo-3-Chloropropan	14.51	75	334	1.523	ug/l	#	1
95) Naphthalene	15.38	128	36413	7.764	ug/l	#	92

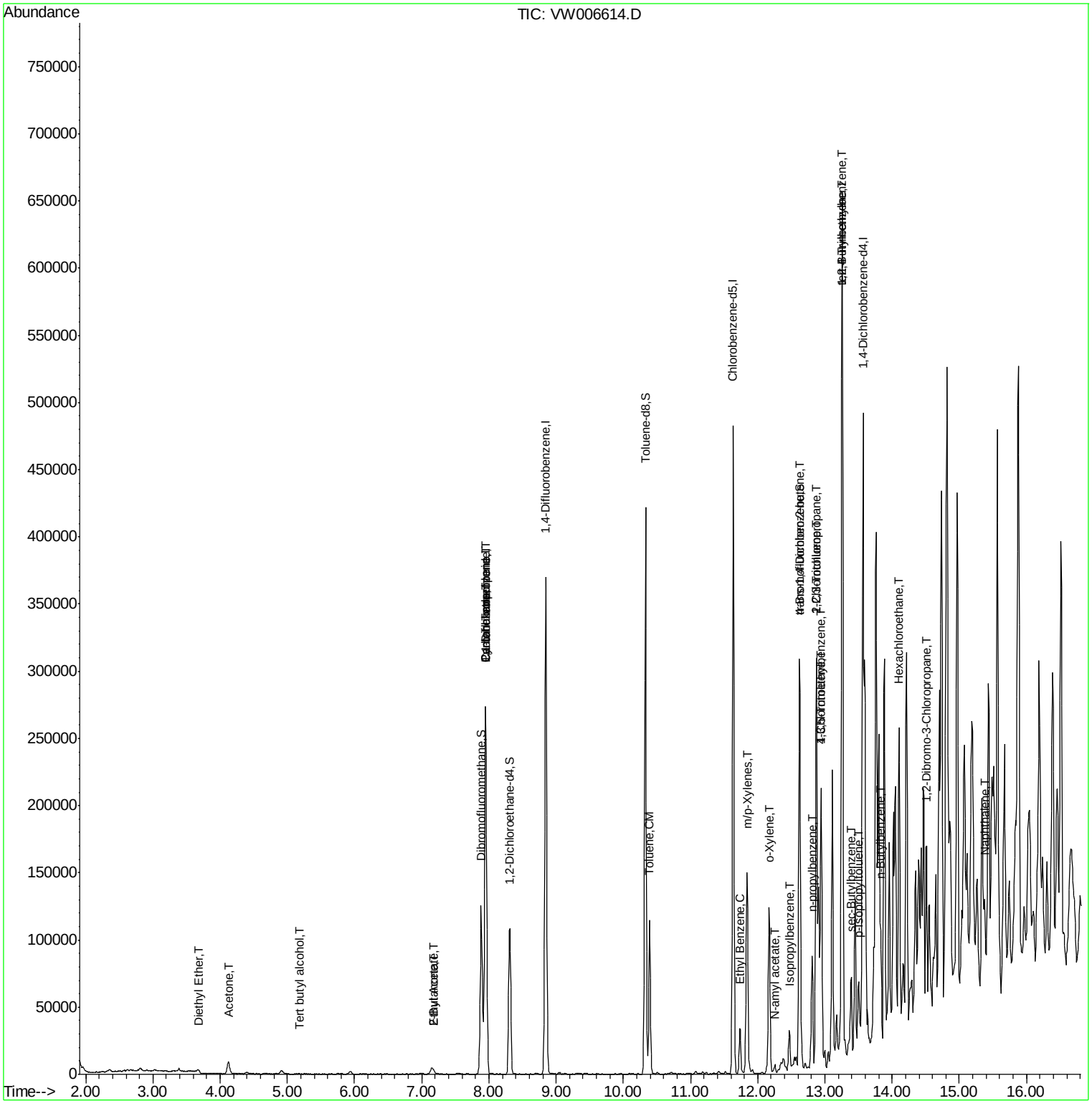
(#) = qualifier out of range (m) = manual integration (+) = signals summed

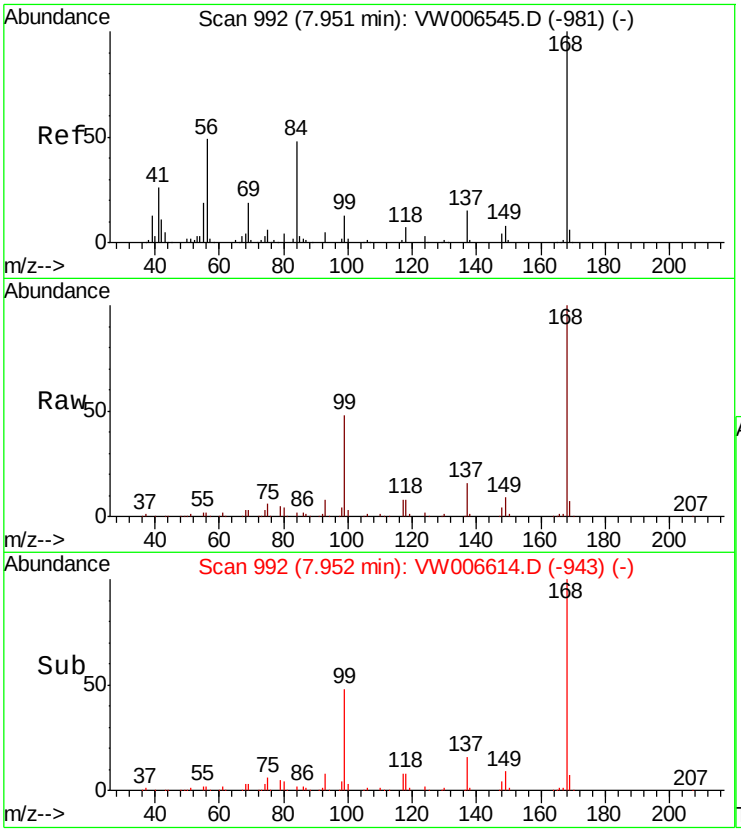
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
Data File : VW006614.D
Acq On : 02 Nov 2018 20:52
Operator : SY/AP
Sample : J5200-17RE
Misc : 6.07G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-ARE

Quant Time: Nov 03 00:27:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration



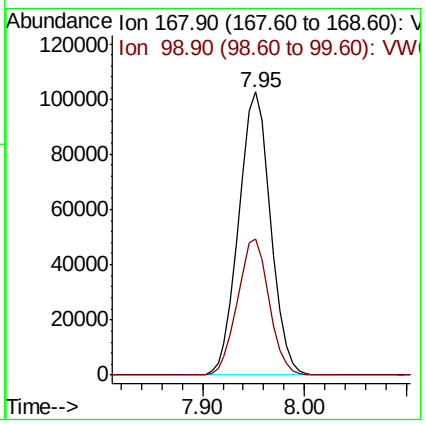


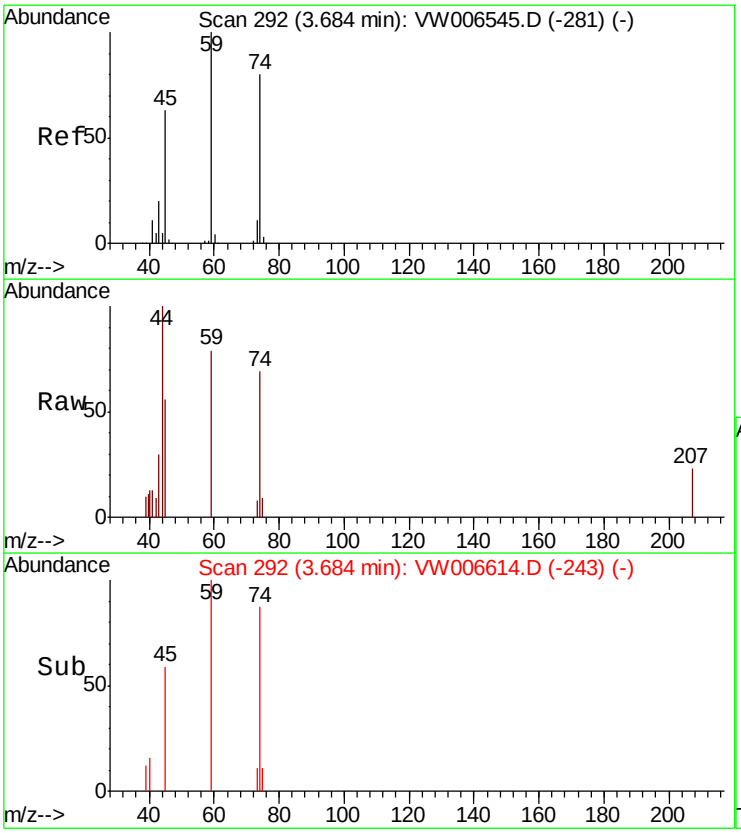
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-ARE

Tgt Ion:168 Resp: 223259

Ion	Ratio	Lower	Upper
168	100		
99	48.2	37.4	56.0

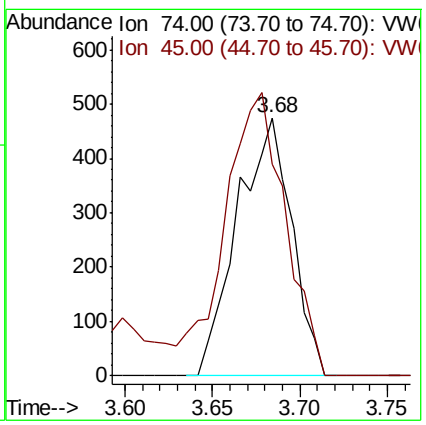


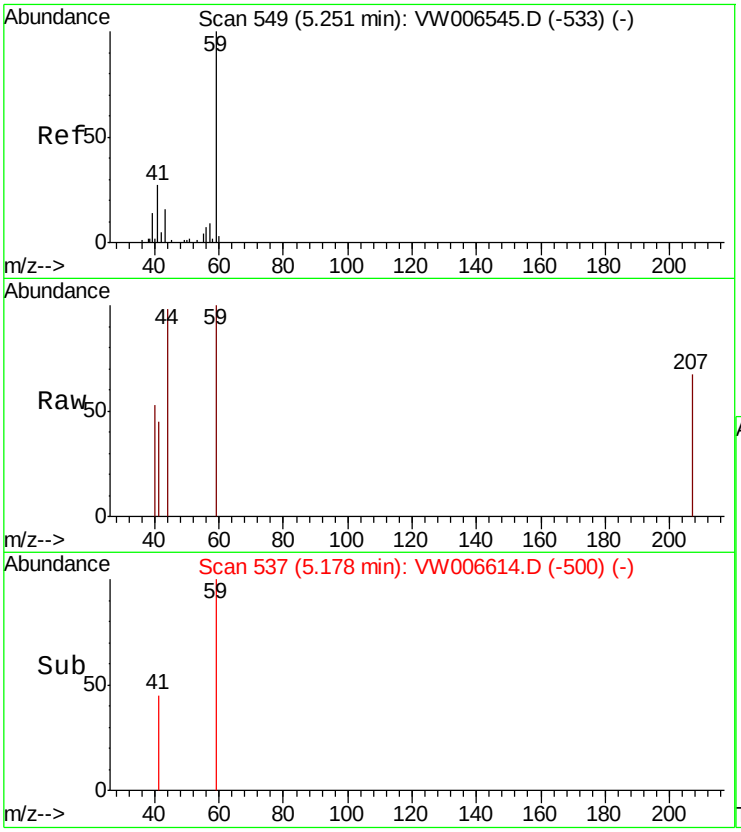


#8
Diethyl Ether
Concen: 1.063 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion: 74 Resp: 1026

Ion	Ratio	Lower	Upper
74	100		
45	122.2	41.1	123.4



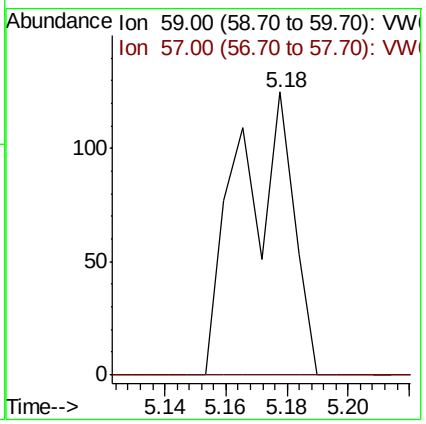


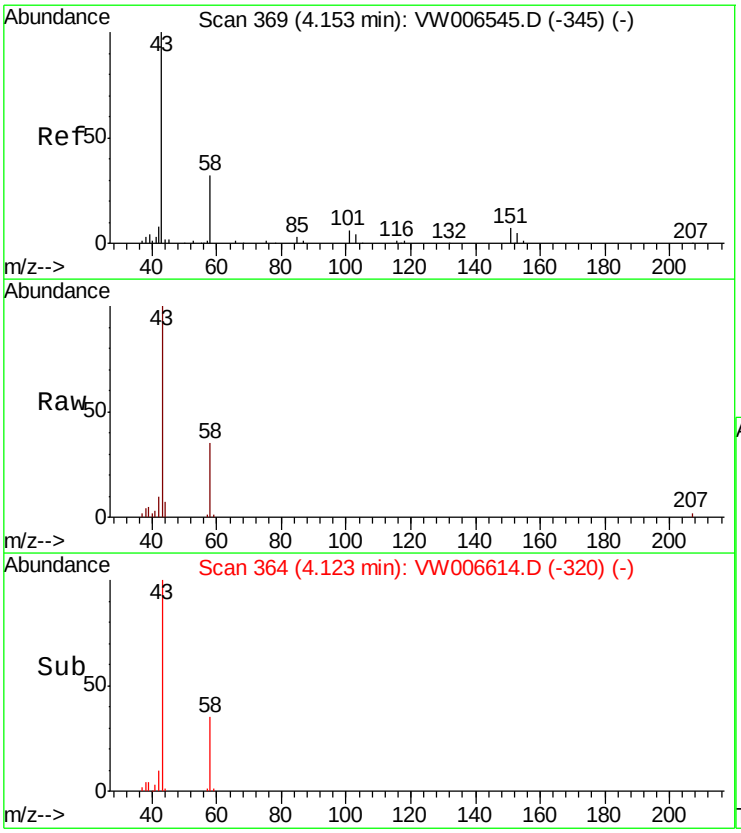
#11
Tert butyl alcohol
Concen: 1.470 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.07 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument : MSVOA_W
ClientSampleId : OR-03-103118-ARE

Tgt Ion: 59 Resp: 152

Ion	Ratio	Lower	Upper
59	100		
57	0.0	4.3	6.5#

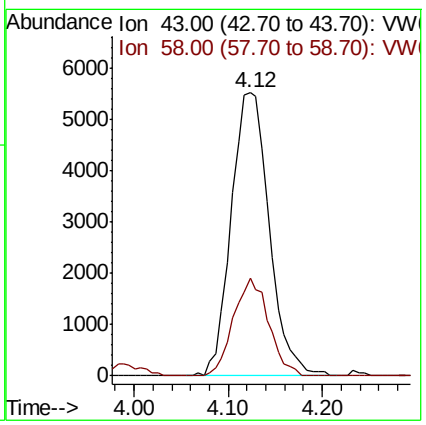


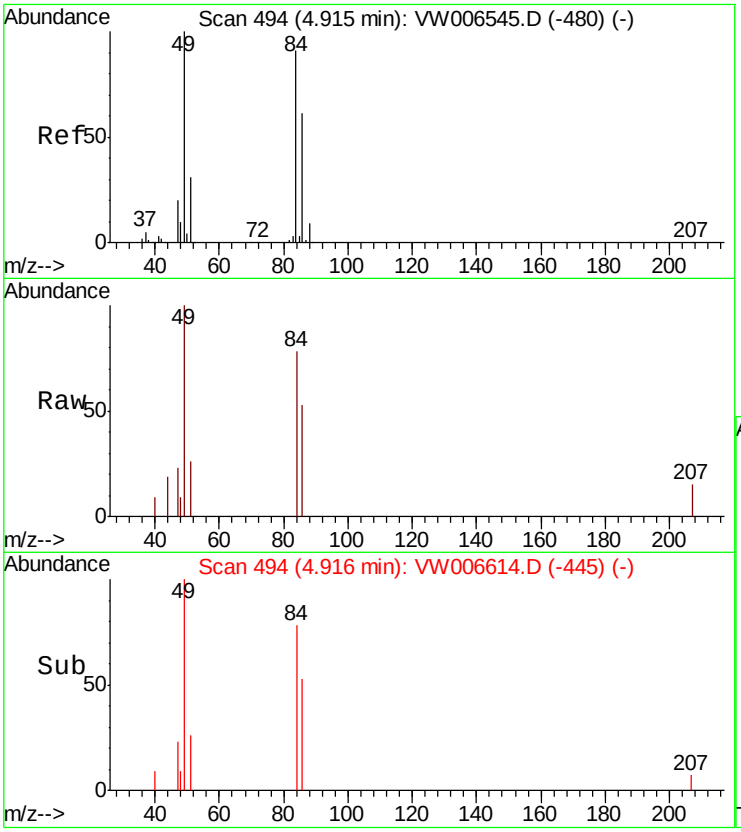


#16
Acetone
Concen: 50.255 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.03 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion: 43 Resp: 15571

Ion	Ratio	Lower	Upper
43	100		
58	34.6	25.8	38.8



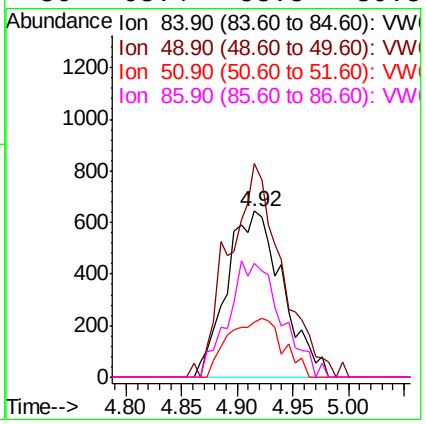


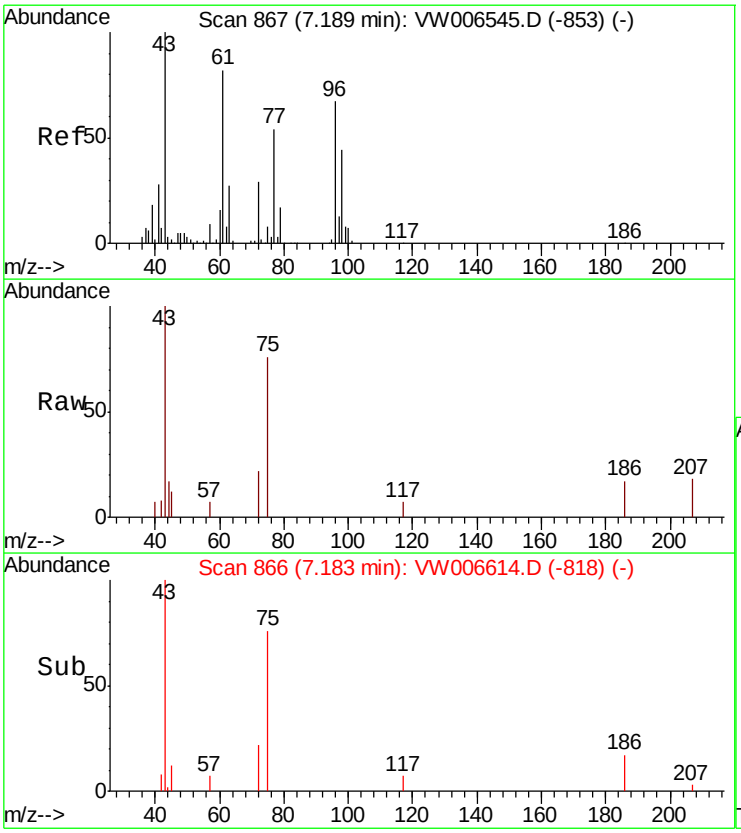
#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument : MSVOA_W
ClientSampleId : OR-03-103118-ARE

Tgt Ion: 84 Resp: 2242

Ion	Ratio	Lower	Upper
84	100		
49	128.8	88.2	132.4
51	33.0	27.0	40.6
86	68.4	53.8	80.8

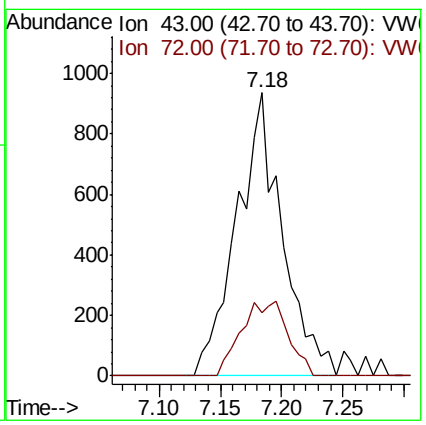


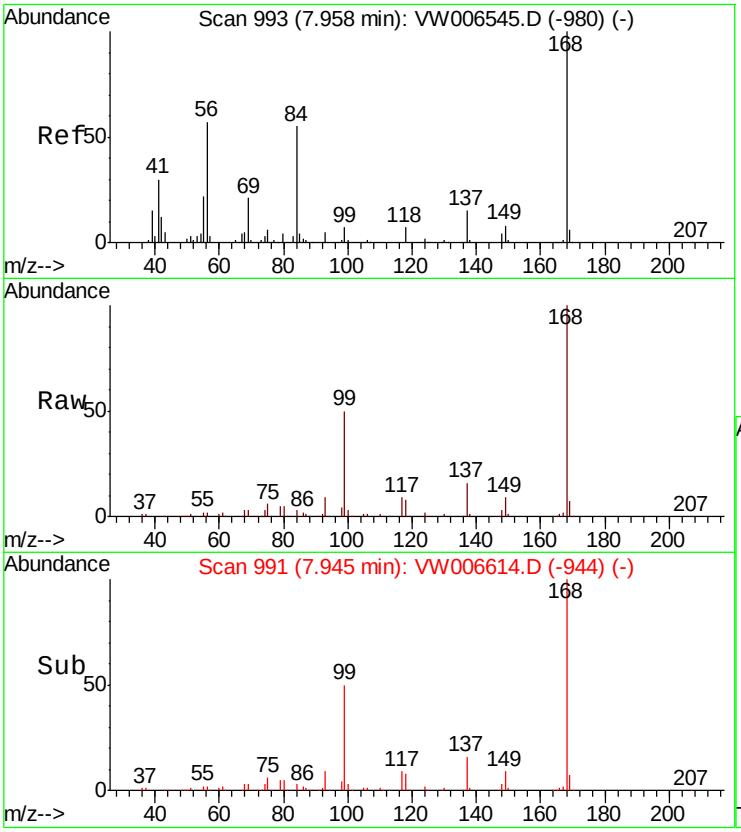


#25
2-Butanone
Concen: 5.473 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion: 43 Resp: 2420

Ion	Ratio	Lower	Upper
43	100		
72	22.3	23.2	34.8#



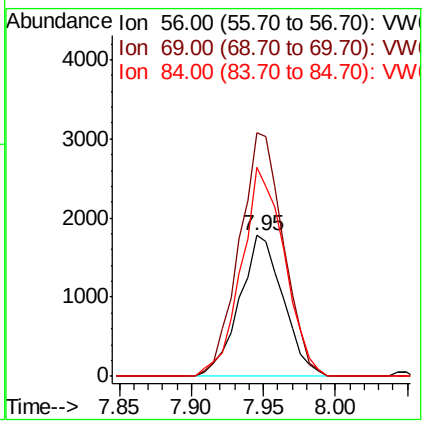


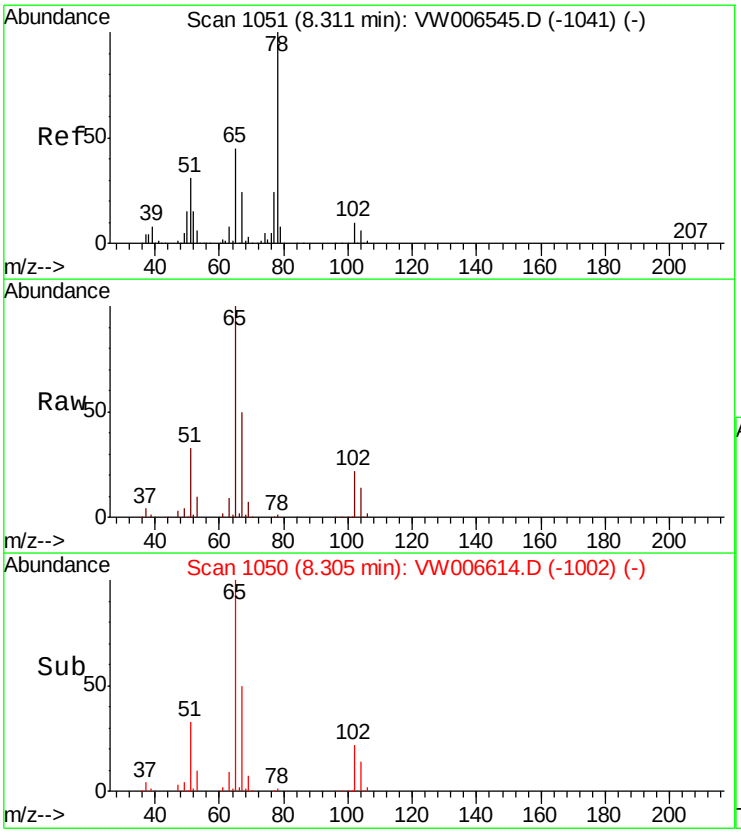
#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-ARE

Tgt Ion: 56 Resp: 3729

Ion	Ratio	Lower	Upper
56	100		
69	173.1	29.0	43.4#
84	148.2	77.8	116.6#

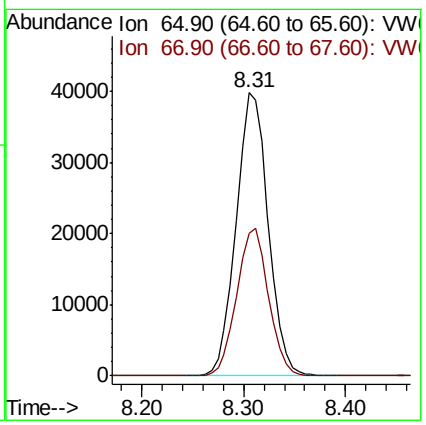


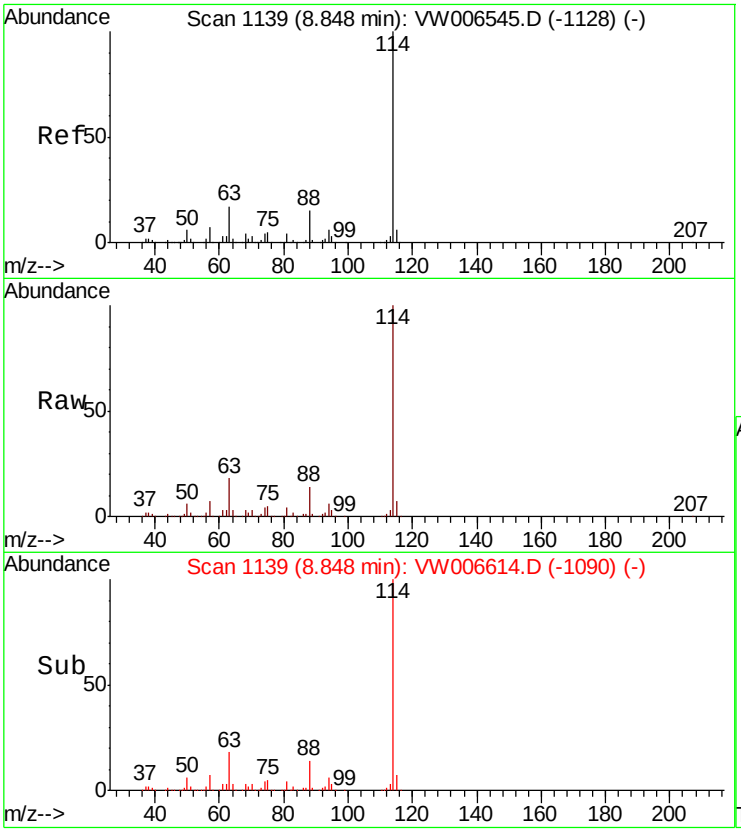


#33
1,2-Dichloroethane-d4
Concen: 45.167 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion: 65 Resp: 86681

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.4



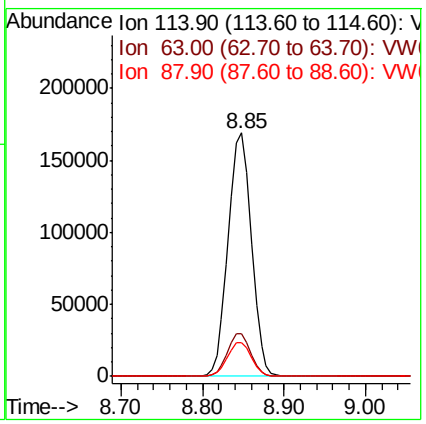


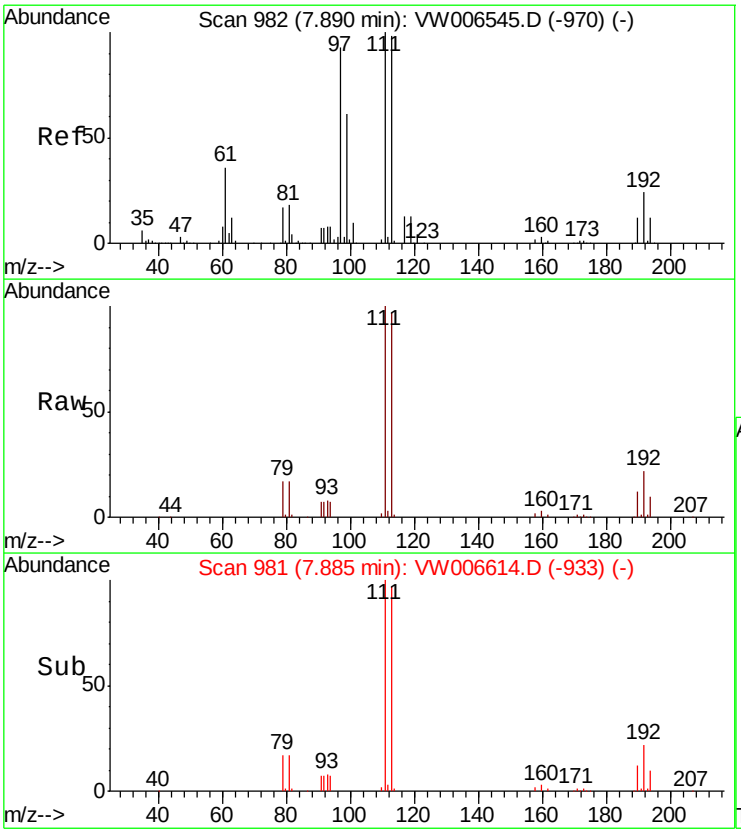
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-ARE

Tgt Ion:114 Resp: 332846

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	34.4
88	14.1	0.0	29.0

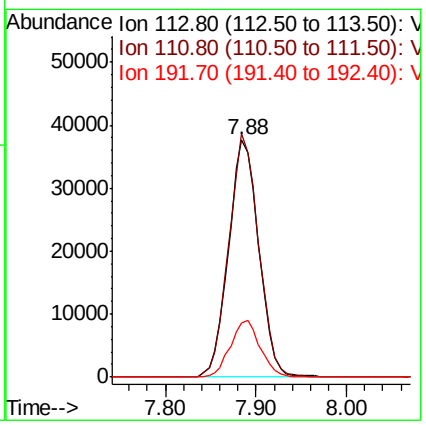


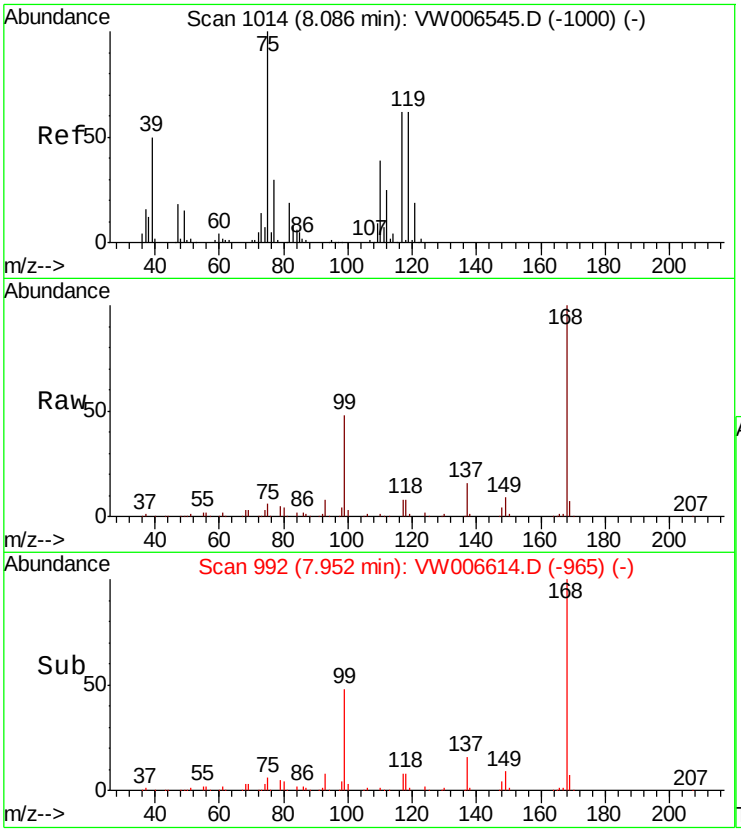


#35
Dibromofluoromethane
Concen: 41.786 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion:113 Resp: 87286

Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.2	123.2
192	23.4	19.0	28.6



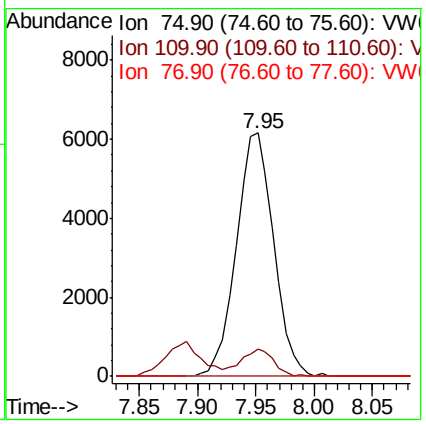


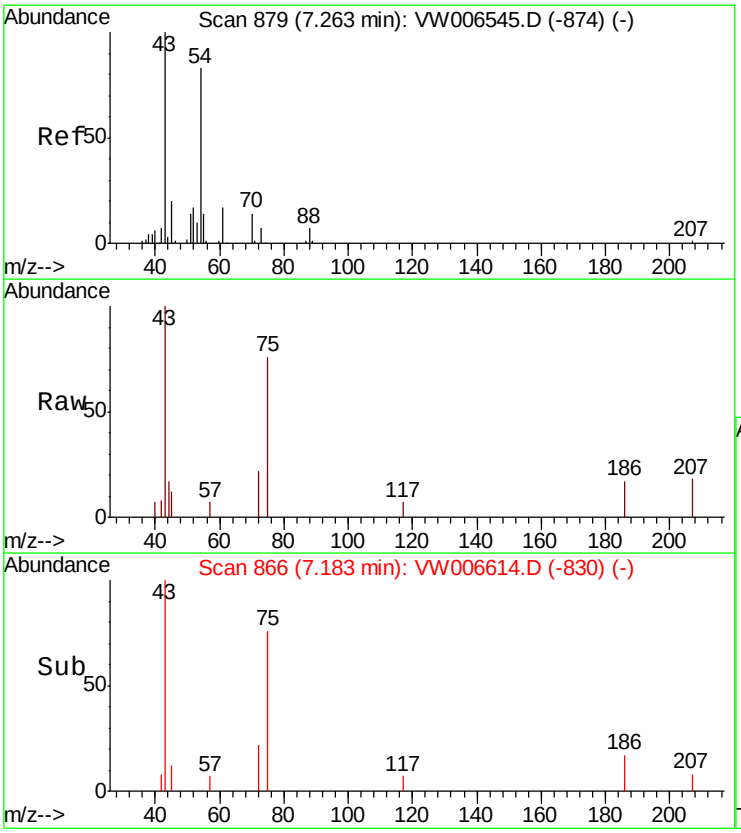
#36
1,1-Dichloropropene
Concen: 4.689 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.13 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-ARE

Tgt Ion: 75 Resp: 13725

Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.5	58.5#
77	0.0	24.6	37.0#

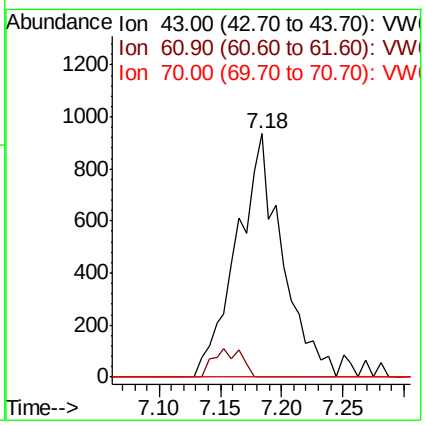


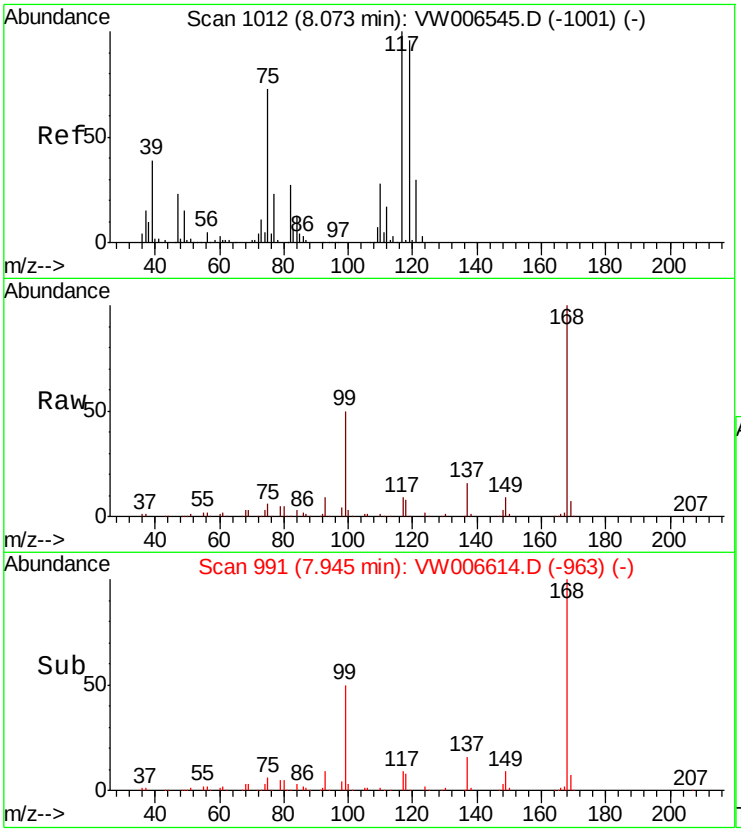


#37
Ethyl Acetate
Concen: 2.386 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.08 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion: 43 Resp: 2420

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	0.0	9.8	14.6#



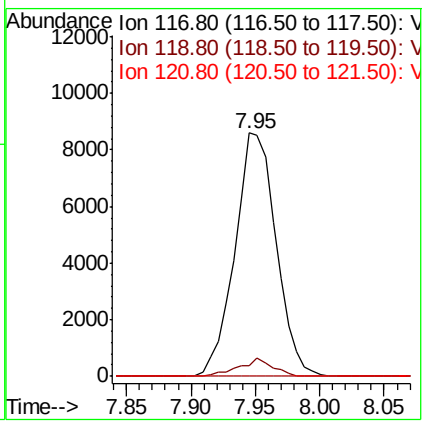


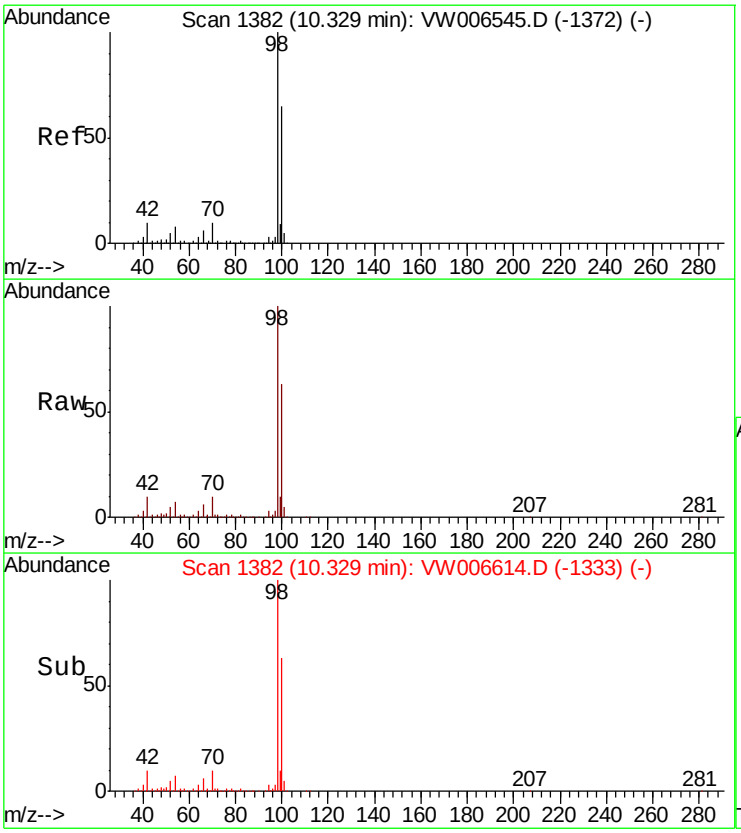
#38
Carbon Tetrachloride
Concen: 6.228 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument : MSVOA_W
ClientSampleId : OR-03-103118-ARE

Tgt Ion:117 Resp: 19048

Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.3	114.5#
121	0.0	24.1	36.1#

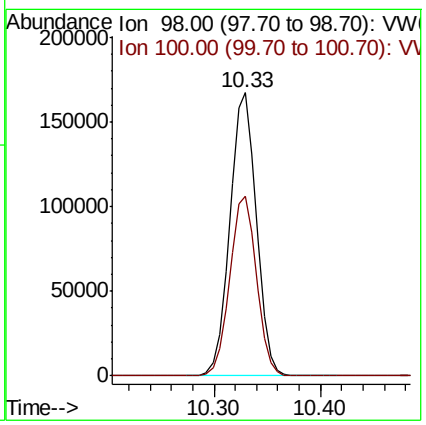


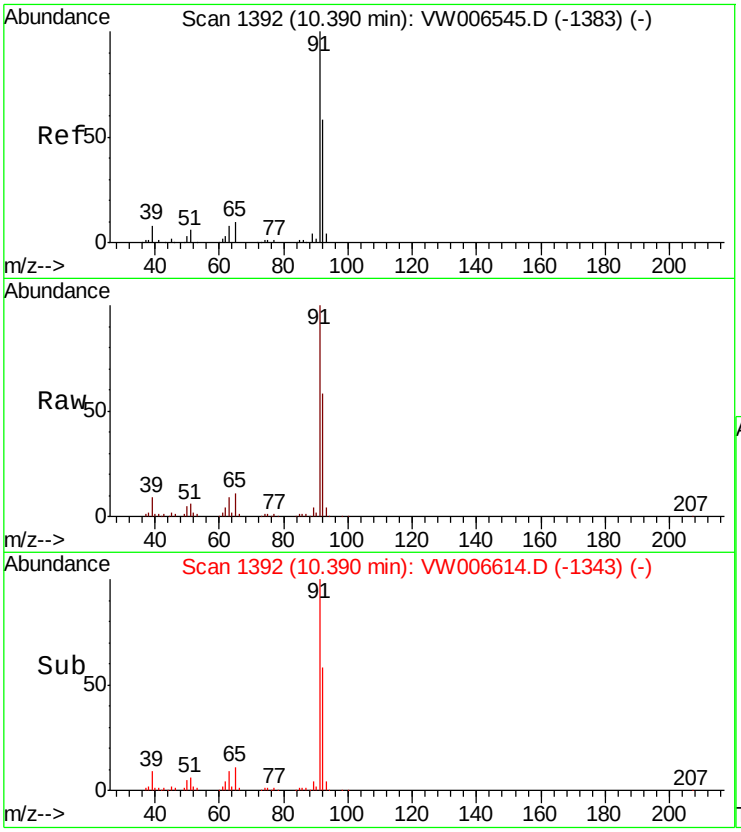


#50
Toluene-d8
Concen: 36.772 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion: 98 Resp: 292406

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.6	77.4



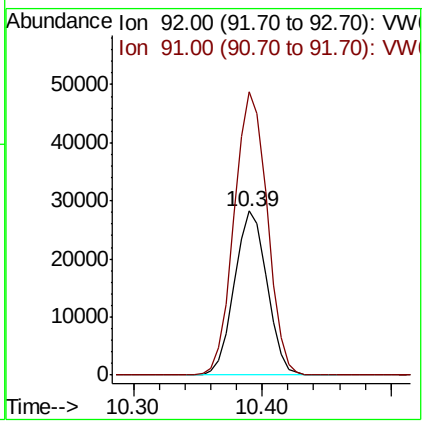


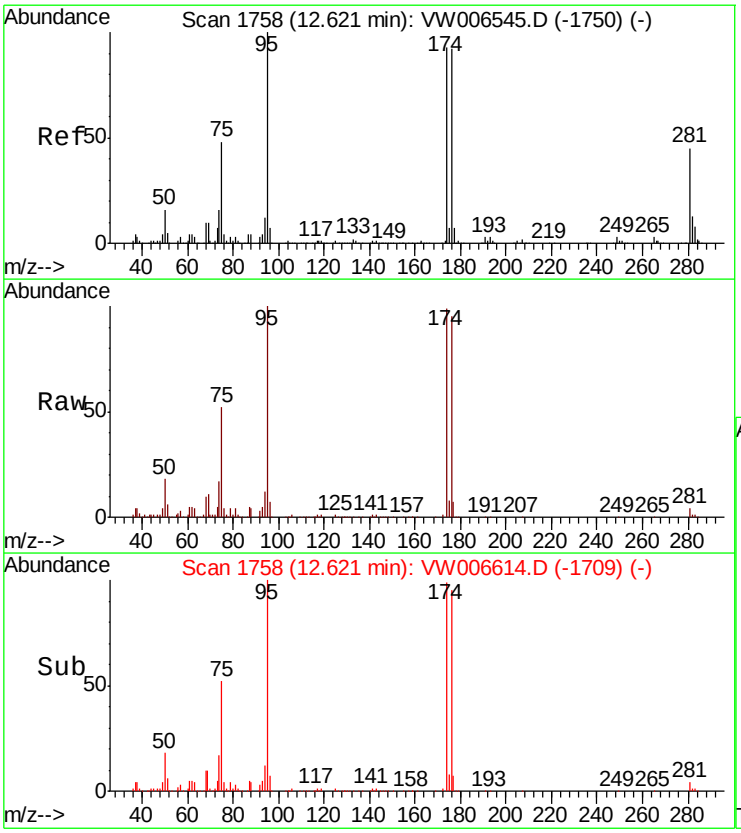
#52
Toluene
Concen: 8.852 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument : MSVOA_W
ClientSampleId : OR-03-103118-ARE

Tgt Ion: 92 Resp: 49362

Ion	Ratio	Lower	Upper
92	100		
91	175.8	138.6	208.0

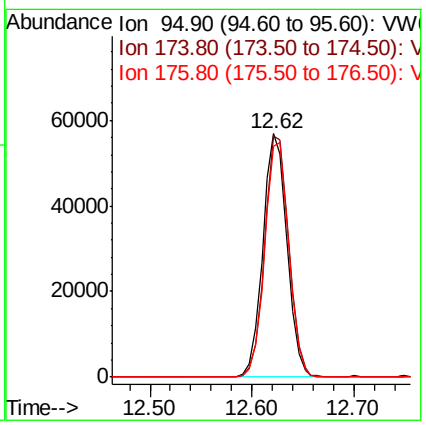


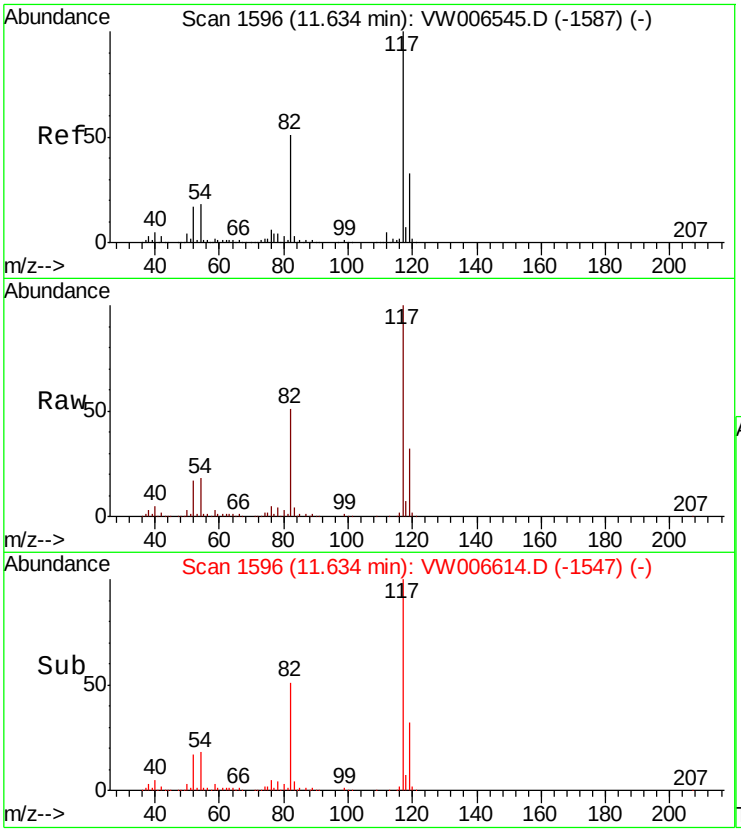


#62
4-Bromofluorobenzene
Concen: 32.369 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion: 95 Resp: 93315

Ion	Ratio	Lower	Upper
95	100		
174	98.9	0.0	192.4
176	95.8	0.0	187.4



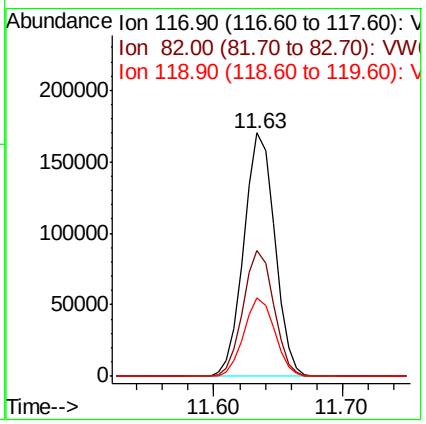


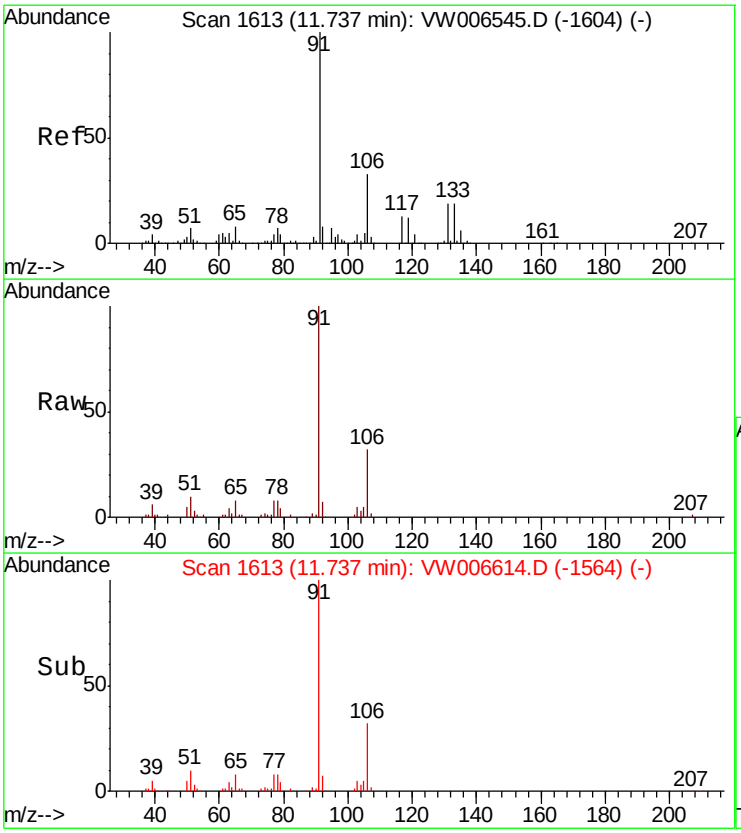
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument : MSVOA_W
ClientSampleId : OR-03-103118-ARE

Tgt Ion:117 Resp: 282163

Ion	Ratio	Lower	Upper
117	100		
82	51.5	40.8	61.2
119	32.2	26.1	39.1

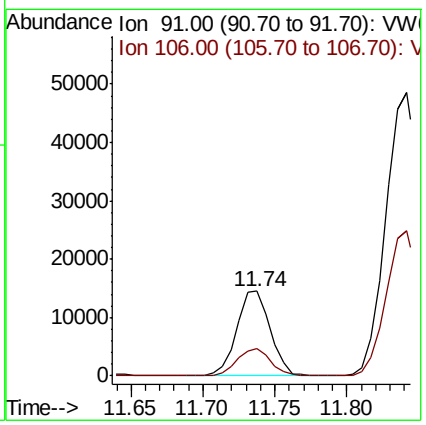


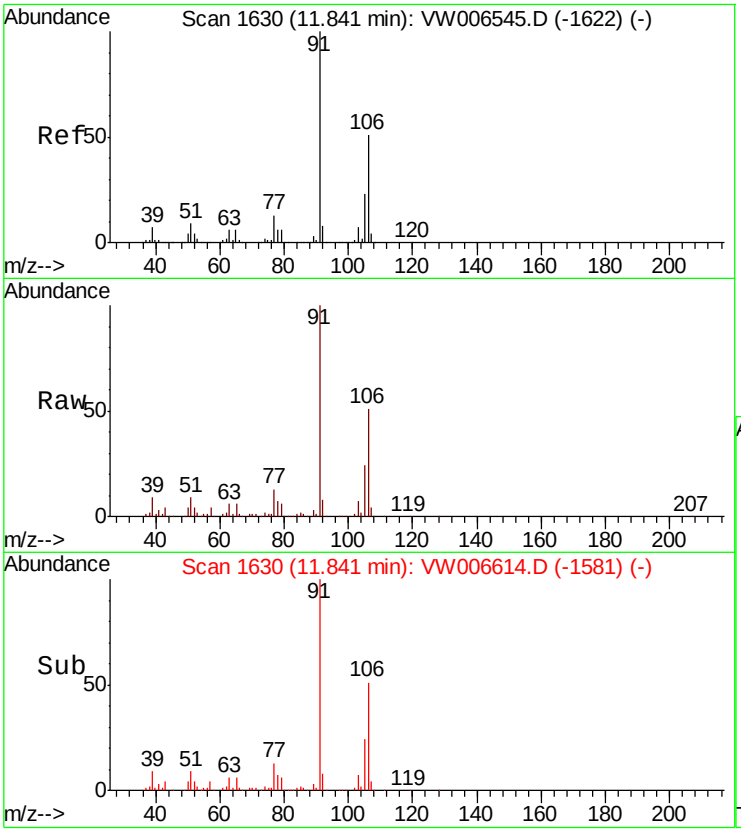


#67
Ethyl Benzene
Concen: 2.360 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion: 91 Resp: 23420

Ion	Ratio	Lower	Upper
91	100		
106	31.9	26.3	39.5



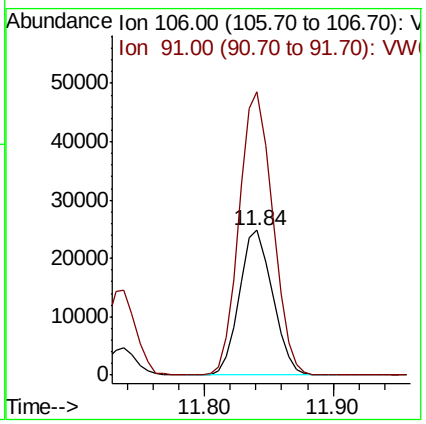


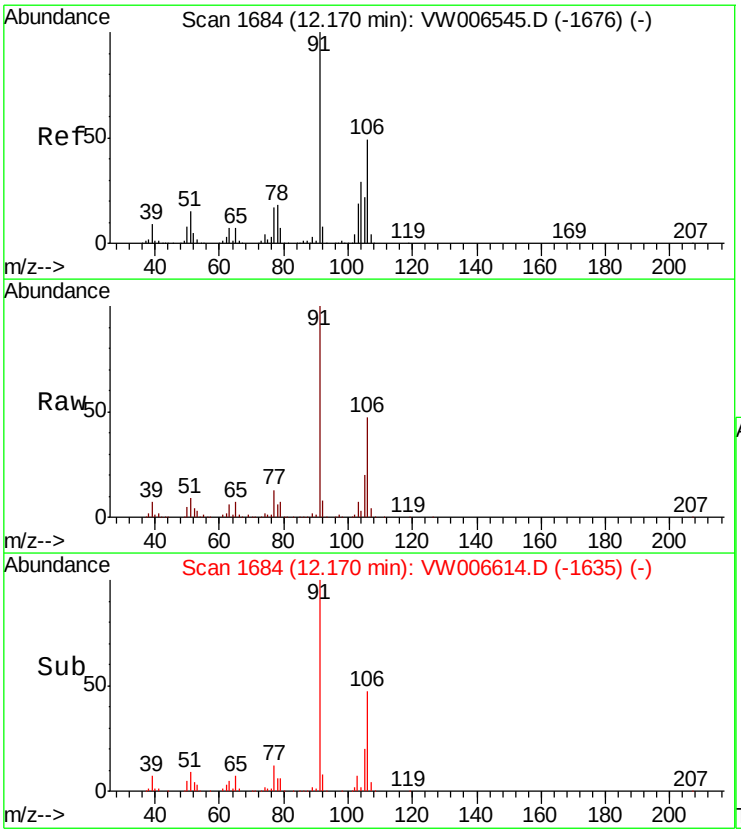
#68
m/p-Xylenes
Concen: 11.178 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-ARE

Tgt Ion:106 Resp: 44320

Ion	Ratio	Lower	Upper
106	100		
91	197.5	156.7	235.1

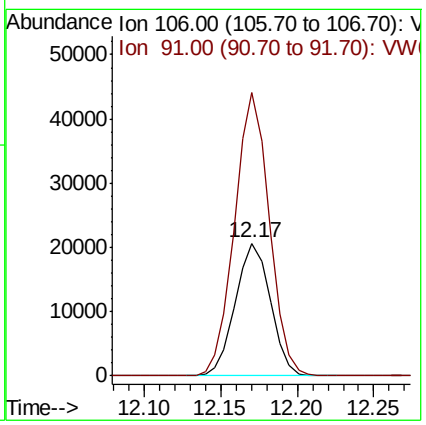


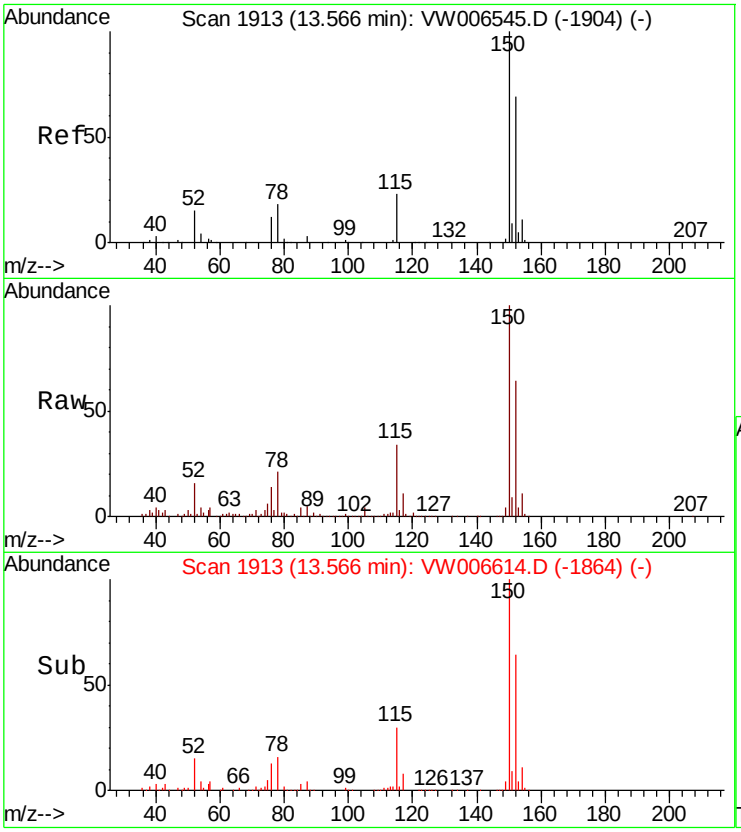


#69
o-Xylene
Concen: 8.716 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion:106 Resp: 32902

Ion	Ratio	Lower	Upper
106	100		
91	212.0	102.8	308.4



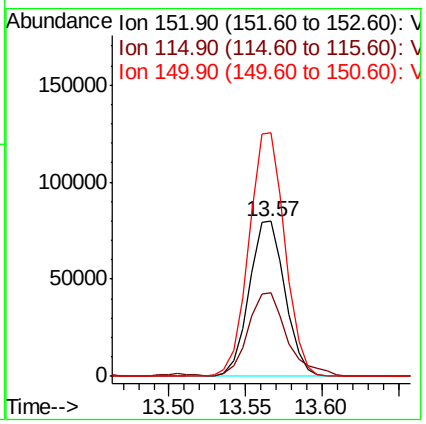


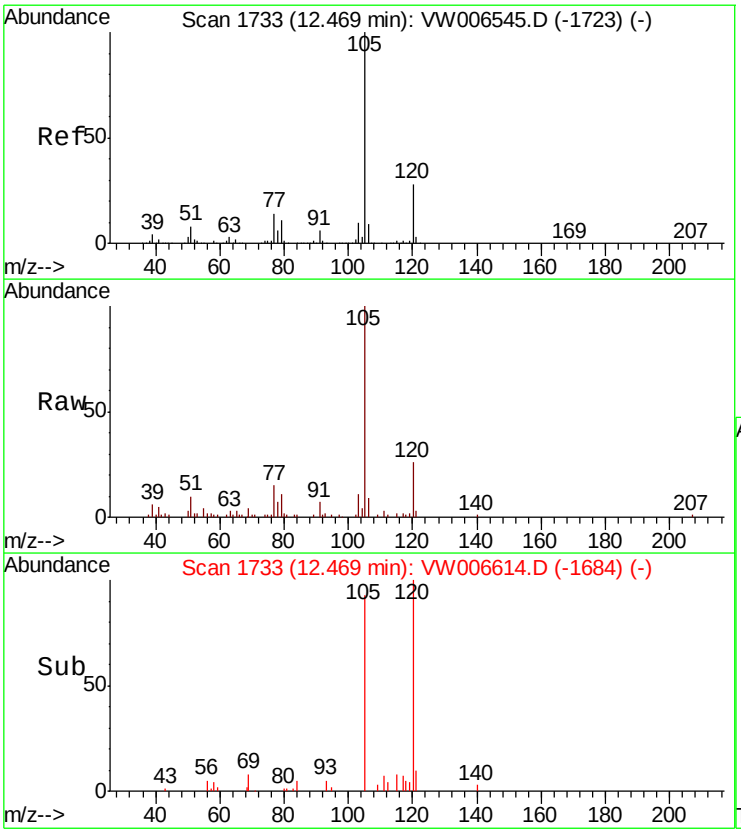
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument : MSVOA_W
ClientSampleId : OR-03-103118-ARE

Tgt Ion:152 Resp: 129880

Ion	Ratio	Lower	Upper
152	100		
115	58.9	26.6	79.8
150	157.7	0.0	344.6

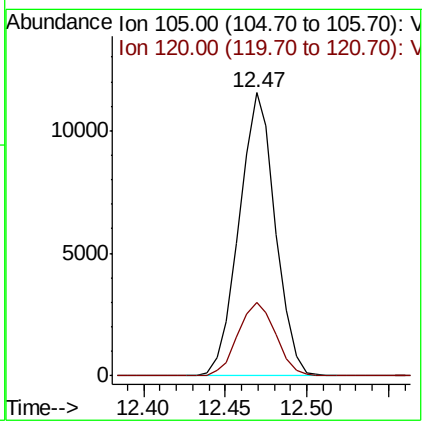


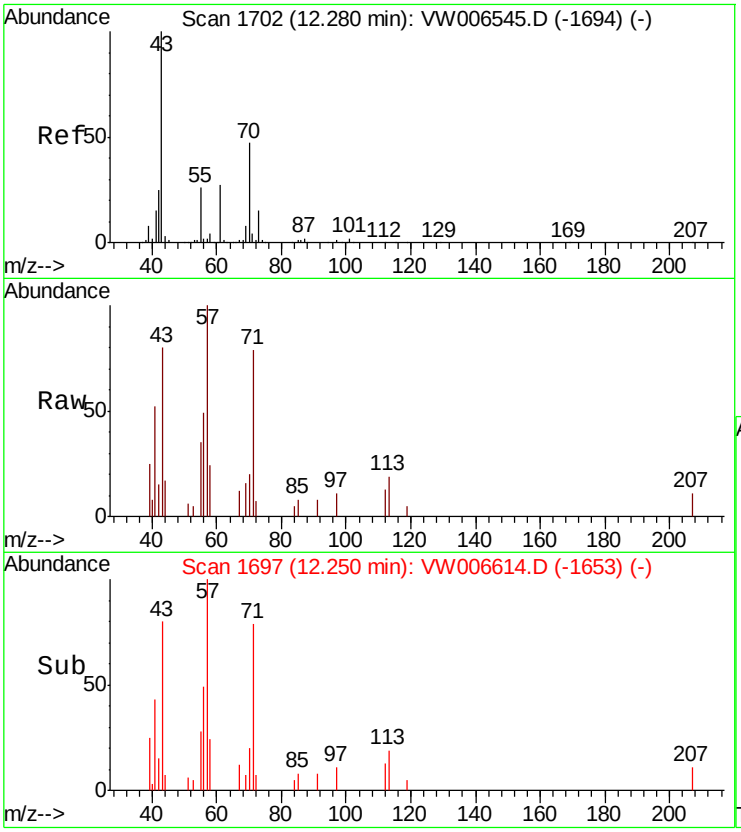


#73
Isopropylbenzene
Concen: 2.083 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion:105 Resp: 17823

Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.7	41.1



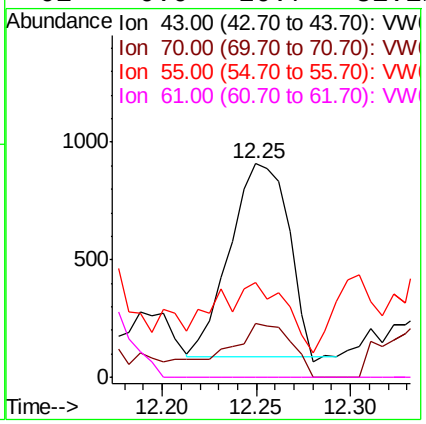


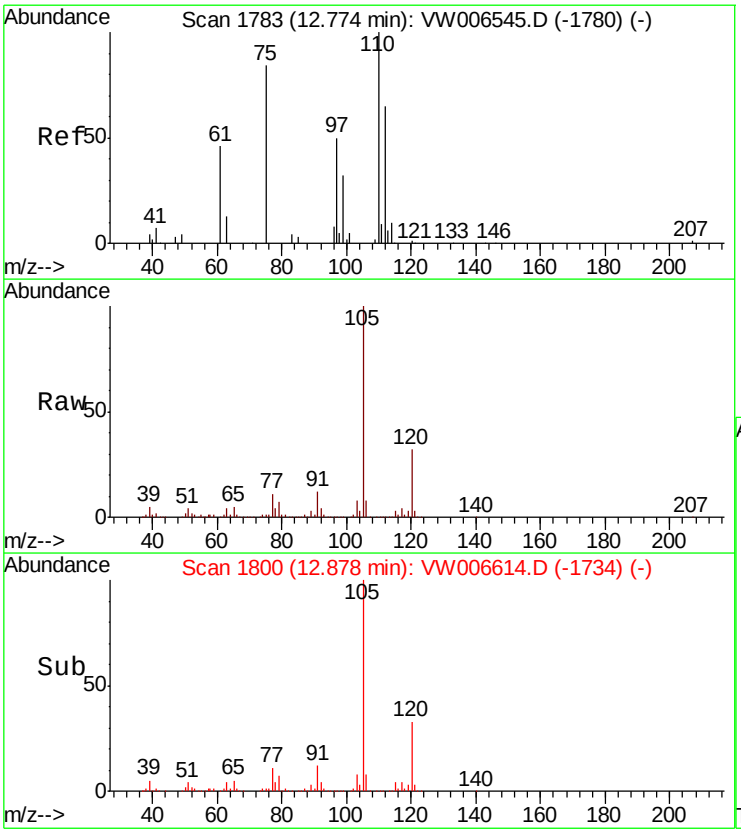
#74
N-amyl acetate
Concen: 1.192 ug/l
RT: 12.25 min Scan# 1697
Delta R.T. -0.03 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-ARE

Tgt Ion: 43 Resp: 1763

Ion	Ratio	Lower	Upper
43	100		
70	27.1	36.9	55.3#
55	43.8	20.7	31.1#
61	0.0	20.7	31.1#

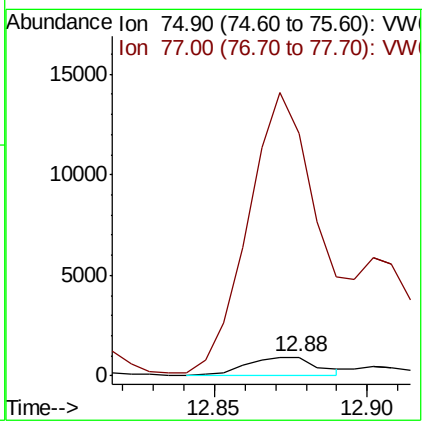


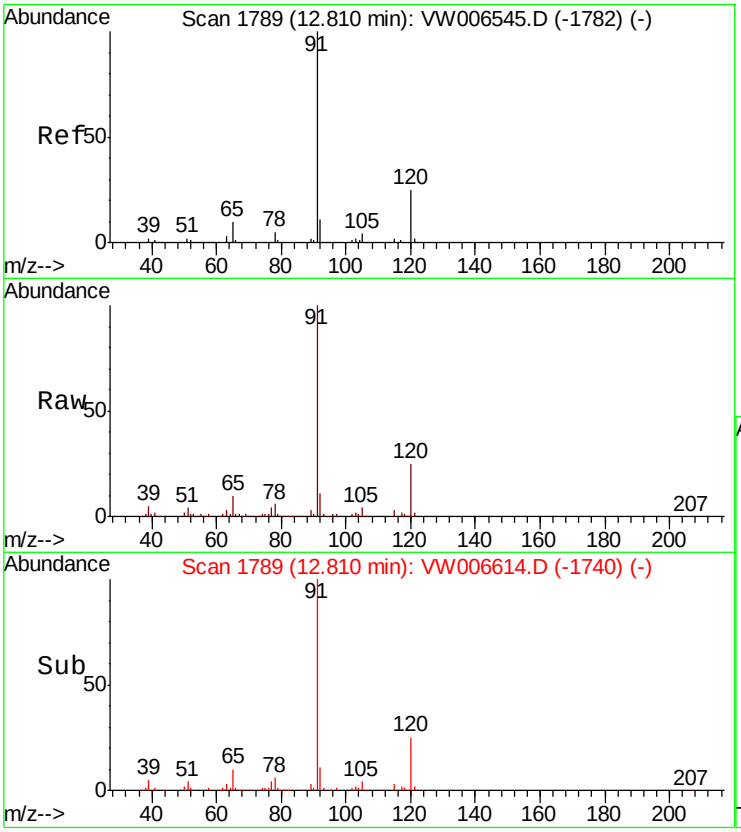


#76
1,2,3-Trichloropropane
Concen: 1.511 ug/l
RT: 12.88 min Scan# 1800
Delta R.T. 0.10 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion: 75 Resp: 1531

Ion	Ratio	Lower	Upper
75	100		
77	1519.2	0.0	0.0#



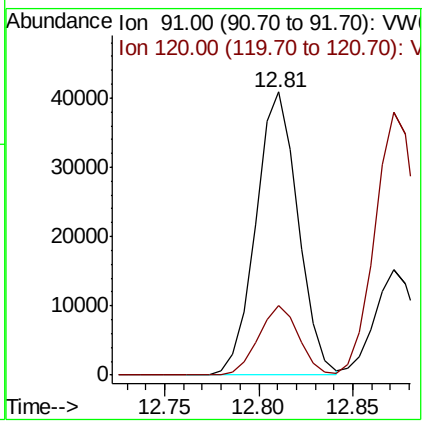


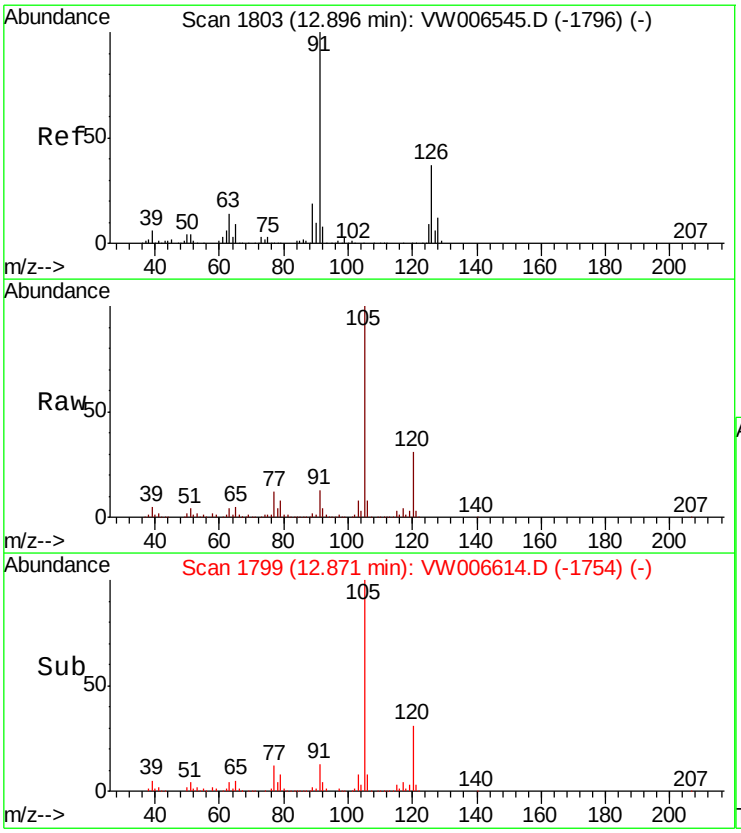
#78
n-propylbenzene
Concen: 6.443 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-ARE

Tgt Ion: 91 Resp: 63409

Ion	Ratio	Lower	Upper
91	100		
120	23.5	12.4	37.0

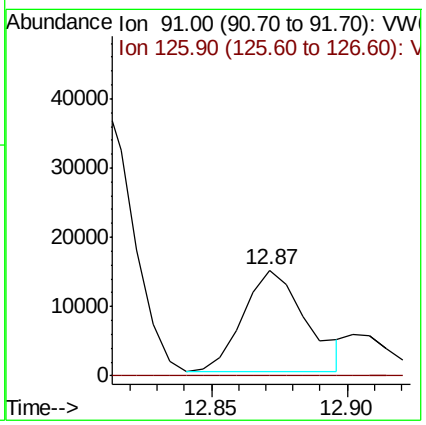


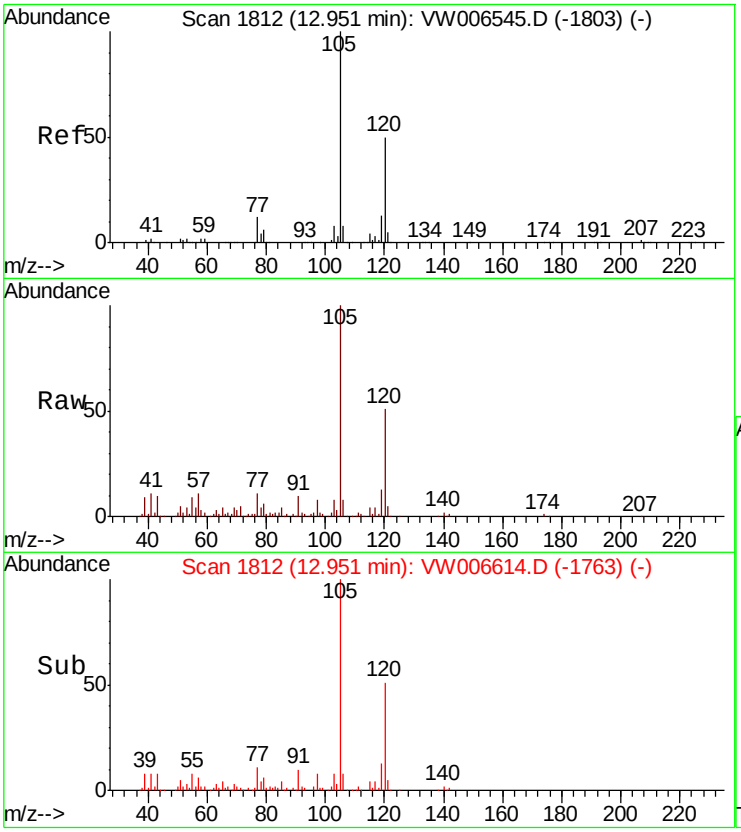


#79
2-Chlorotoluene
Concen: 4.104 ug/l
RT: 12.87 min Scan# 1799
Delta R.T. -0.02 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion: 91 Resp: 23179

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.5	55.5#



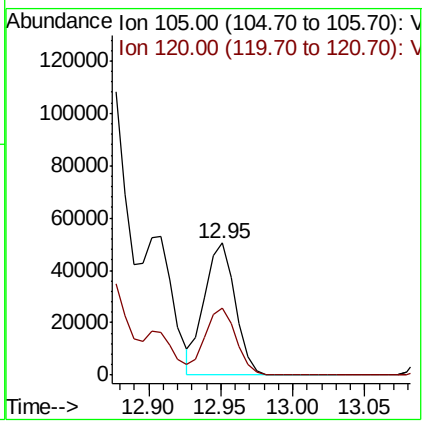


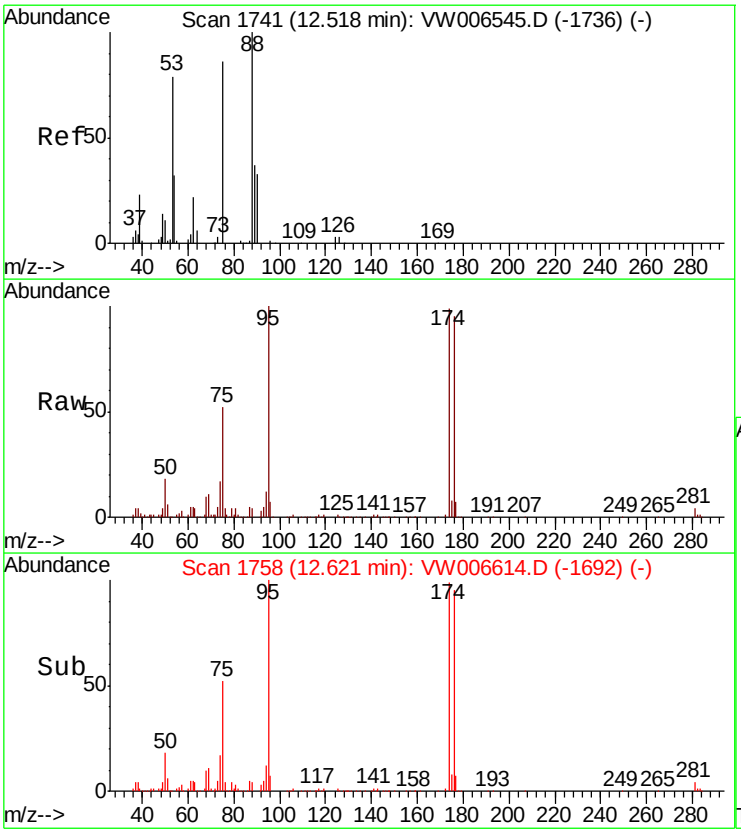
#80
1,3,5-Trimethylbenzene
Concen: 10.569 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-ARE

Tgt Ion:105 Resp: 75969

Ion	Ratio	Lower	Upper
105	100		
120	50.8	25.1	75.3

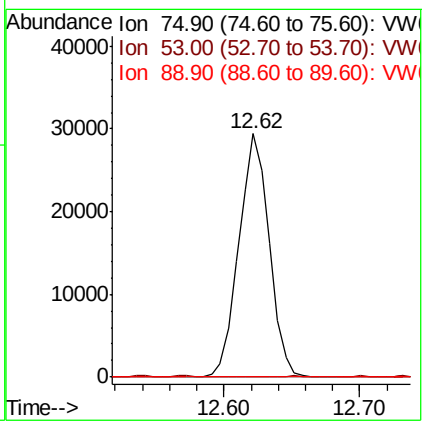


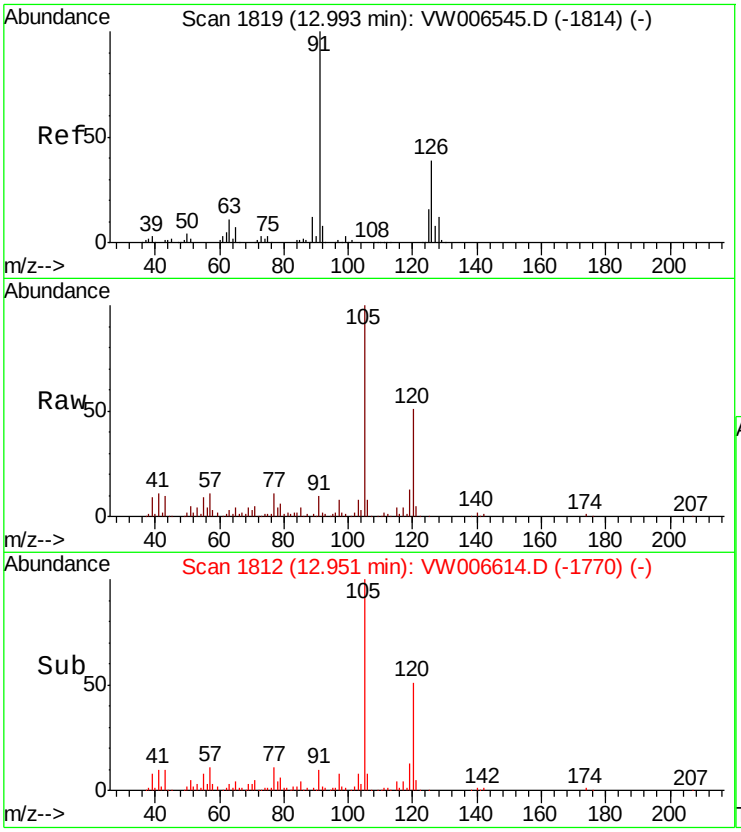


#81
trans-1,4-Dichloro-2-butene
Concen: 113.509 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion: 75 Resp: 45813

Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.2	115.8#
89	0.0	38.6	58.0#



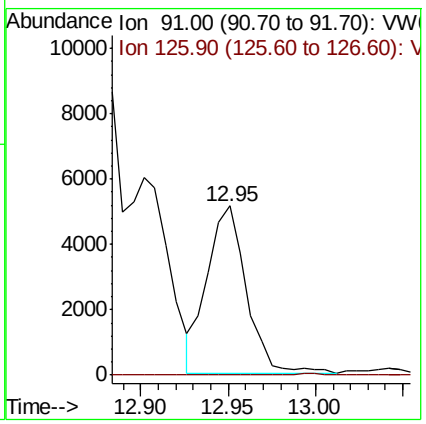


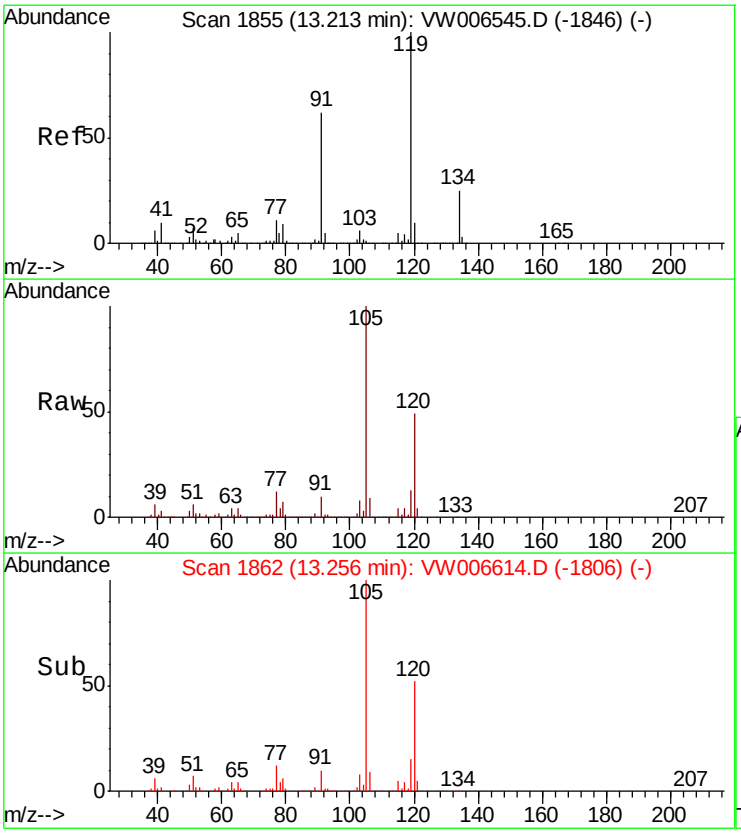
#82
4-Chlorotoluene
Concen: 1.336 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.04 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument : MSVOA_W
ClientSampleId : OR-03-103118-ARE

Tgt Ion: 91 Resp: 7984

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.5	55.5#

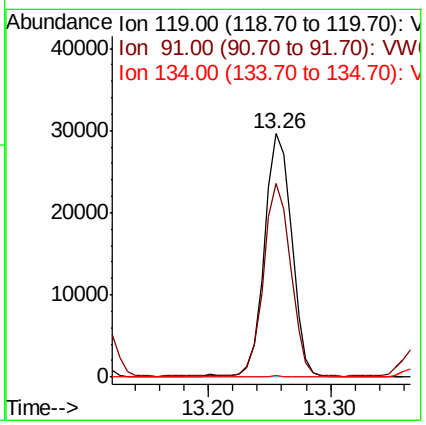


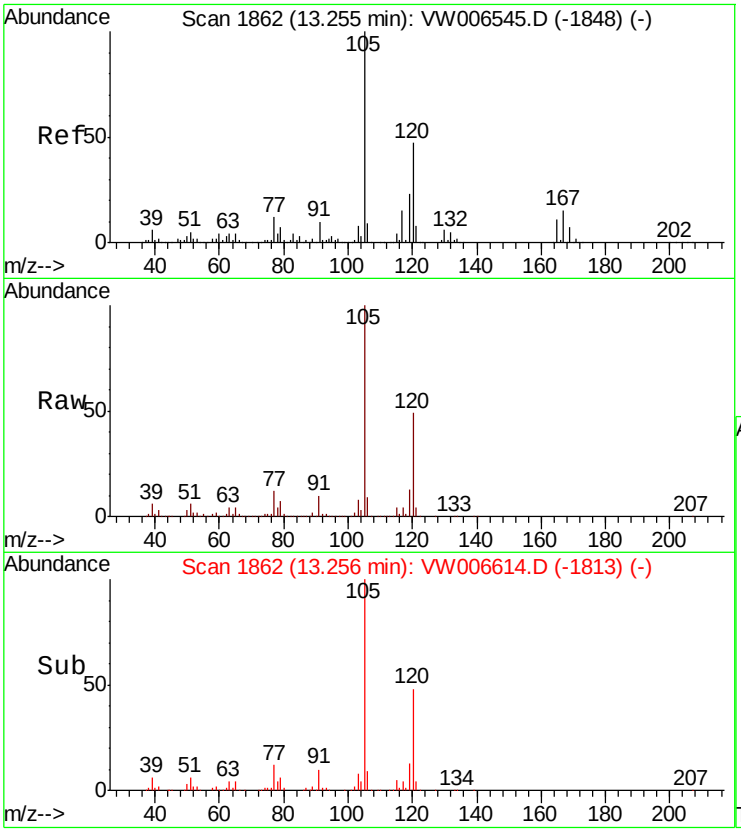


#83
tert-Butylbenzene
Concen: 7.207 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.04 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion:119 Resp: 46197

Ion	Ratio	Lower	Upper
119	100		
91	78.9	30.4	91.3
134	0.0	13.5	40.4#



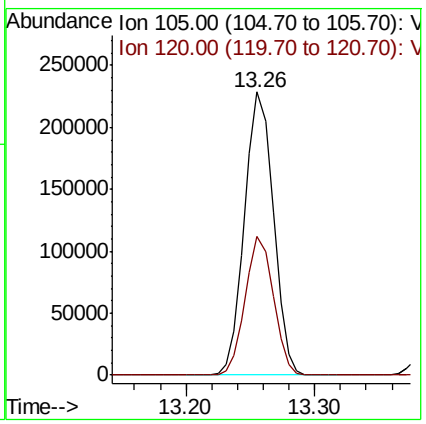


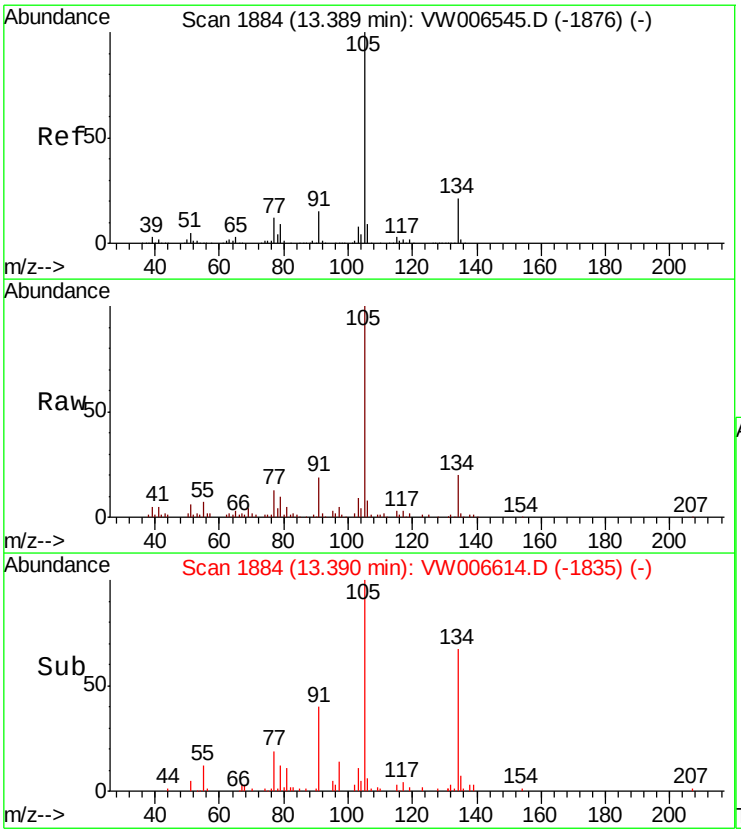
#84
1,2,4-Trimethylbenzene
Concen: 47.922 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-ARE

Tgt Ion:105 Resp: 353317

Ion	Ratio	Lower	Upper
105	100		
120	47.9	23.2	69.6

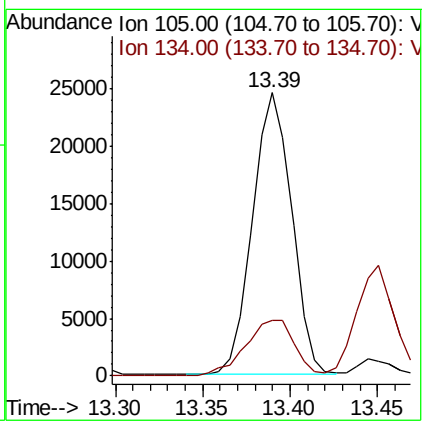


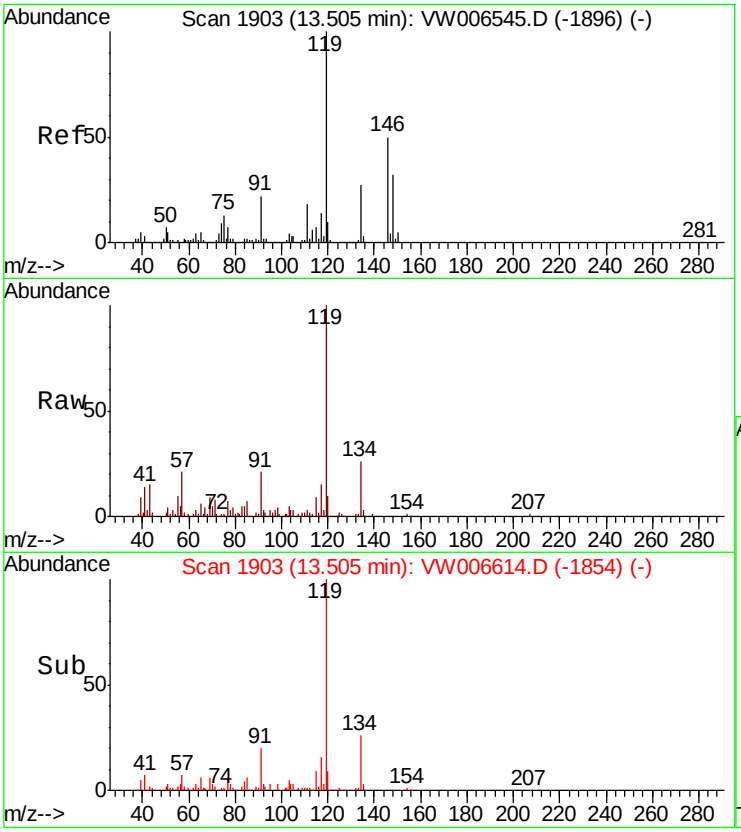


#85
sec-Butylbenzene
Concen: 4.271 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion:105 Resp: 38345

Ion	Ratio	Lower	Upper
105	100		
134	25.0	10.6	31.8



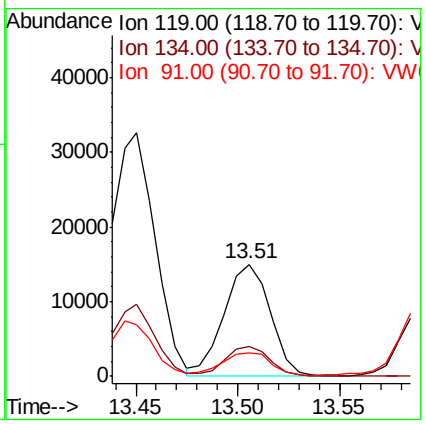


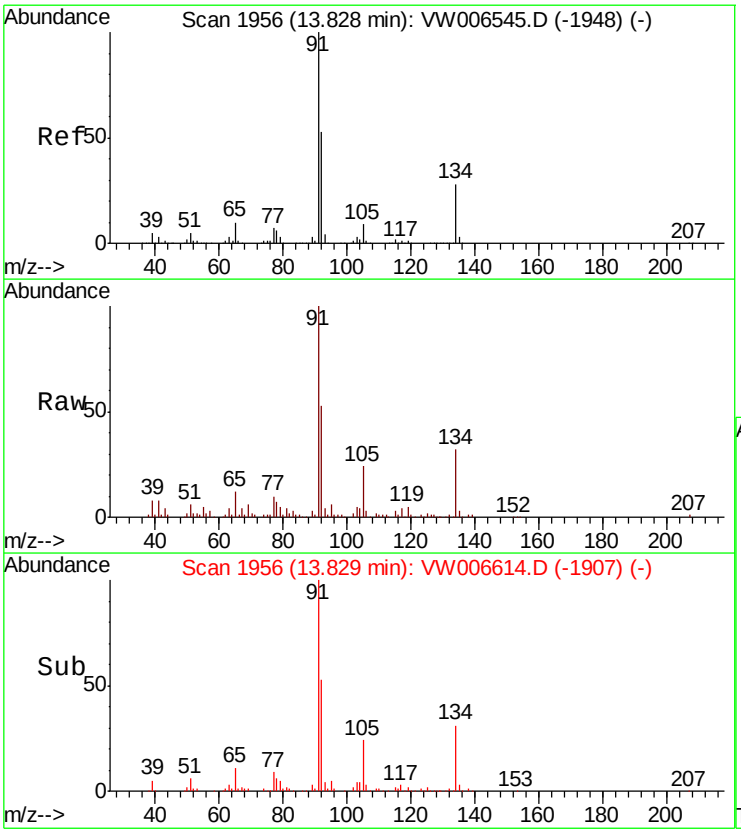
#86
p-Isopropyltoluene
Concen: 2.888 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument : MSVOA_W
ClientSampleId : OR-03-103118-ARE

Tgt Ion:119 Resp: 23592

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.6	40.7
91	21.5	10.9	32.6

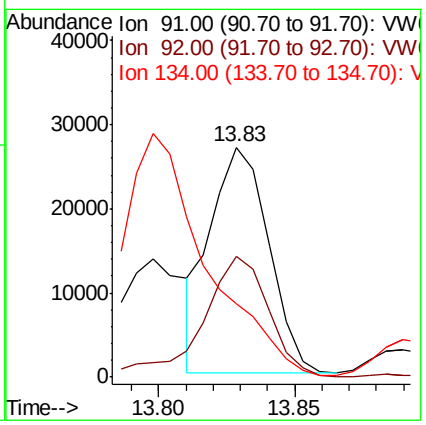


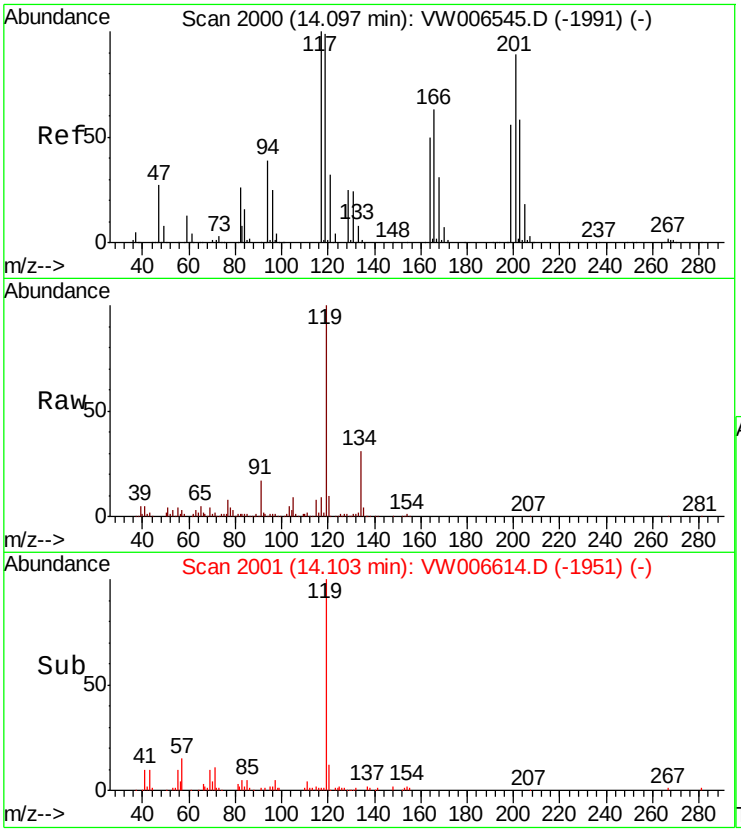


#89
n-Butylbenzene
Concen: 5.523 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion: 91 Resp: 40052

Ion	Ratio	Lower	Upper
91	100		
92	59.2	26.4	79.0
134	0.0	14.3	42.9#



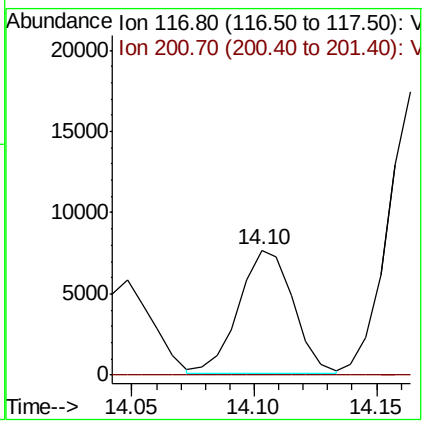


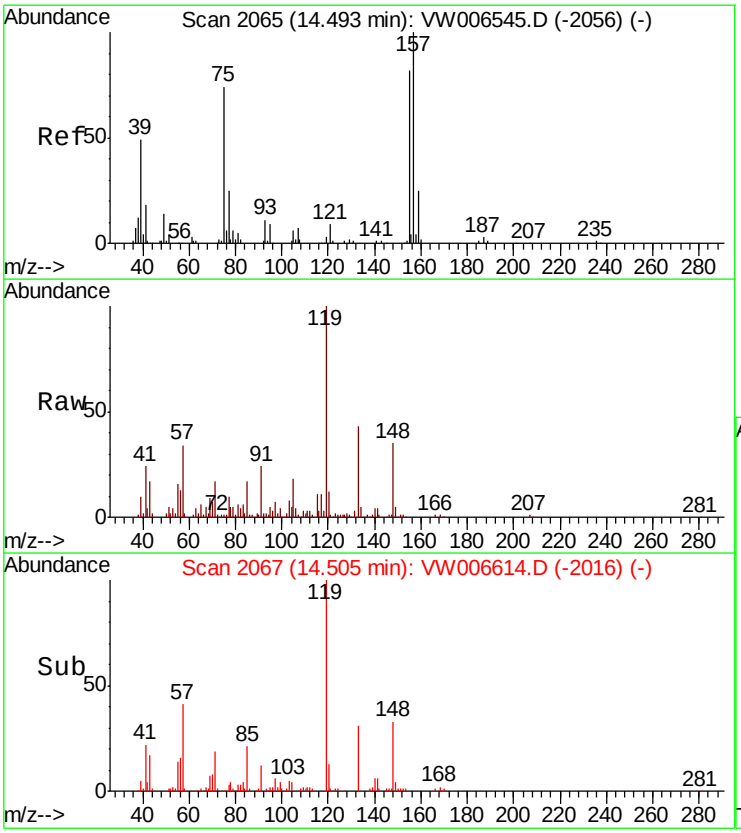
#90
Hexachloroethane
Concen: 8.805 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument : MSVOA_W
ClientSampleId : OR-03-103118-ARE

Tgt Ion:117 Resp: 11822

Ion	Ratio	Lower	Upper
117	100		
201	0.0	46.8	140.3#

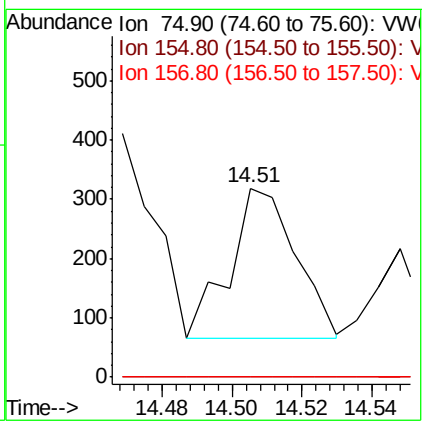


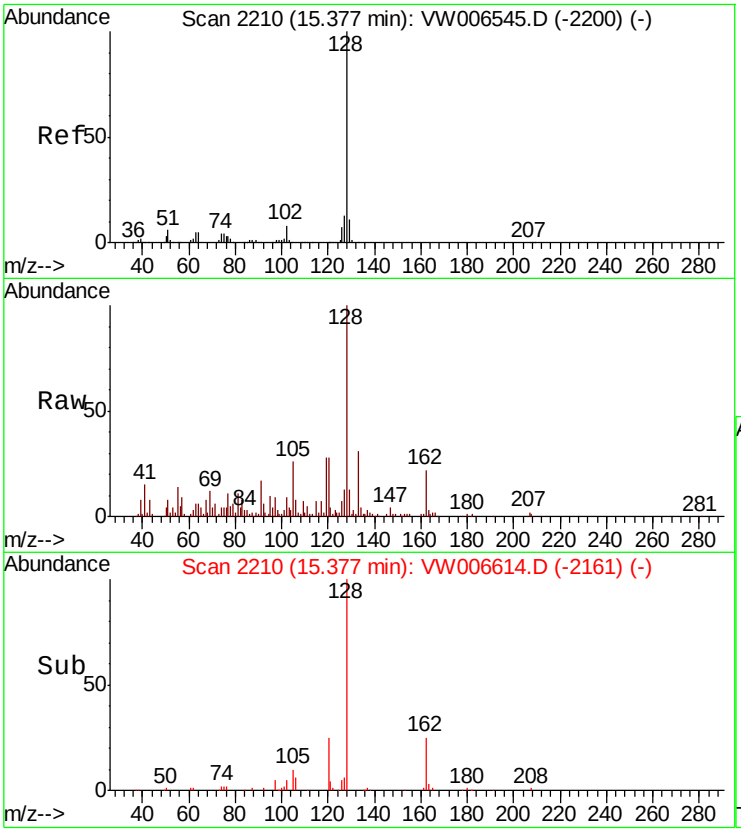


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.523 ug/l
RT: 14.51 min Scan# 2067
Delta R.T. 0.01 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Tgt Ion: 75 Resp: 334

Ion	Ratio	Lower	Upper
75	100		
155	0.0	50.6	151.8#
157	0.0	65.0	195.0#





#95
Naphthalene
Concen: 7.764 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006614.D
Acq: 02 Nov 2018 20:52

Instrument :
MSVOA_W
ClientSampleId :
OR-03-103118-ARE

Tgt Ion:128 Resp: 36413

Ion	Ratio	Lower	Upper
128	100		
127	17.3	10.3	15.5#
129	9.5	8.7	13.1