Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080219\
Data File : VD063316.D
Acq On : 2 Aug 2019 15:01
Operator : VA/AP
Sample : K4120-08RE
Misc : 4.99g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : T3-2RE

Quant Time: Aug 04 03:38:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	853719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1283433	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	833999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	211470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	520308	54.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.86%			
35) Dibromofluoromethane	6.91	113	563733	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.90%			
50) Toluene-d8	10.39	98	1039493	42.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.78%			
62) 4-Bromofluorobenzene	13.54	95	278405	24.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 49.82%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.04	59	896	2.155	ug/l #	69
13) Acrolein	3.04	56	1050	2.624	ug/l	97
16) Acetone	3.21	43	60208	32.621	ug/l	97
18) Methyl Acetate	3.77	43	43826	12.362	ug/l #	60
20) Methylene Chloride	3.80	84	21705	2.909	ug/l #	76
25) 2-Butanone	6.06	43	3790	2.046	ug/l	93
31) Cyclohexane	6.94	56	122289	14.493	ug/l	86
36) 1,1-Dichloropropene	7.03	75	60614	5.175	ug/l #	58
37) Ethyl Acetate	6.16	43	6008	1.142	ug/l #	69
38) Carbon Tetrachloride	7.03	117	88269	5.006	ug/l #	16
39) Methylcyclohexane	8.85	83	25568	2.620	ug/l #	81
52) Toluene	10.49	92	20260	1.241	ug/l	77
67) Ethyl Benzene	12.51	91	344018	12.624	ug/l	100
68) m/p-Xylenes	12.66	106	20762	2.077	ug/l #	65
69) o-Xylene	13.04	106	11002	1.199	ug/l	94
73) Isopropylbenzene	13.40	105	32180	2.425	ug/l	93
81) trans-1,4-Dichloro-2-buten	13.54	75	129932	184.219	ug/l #	3
84) 1,2,4-Trimethylbenzene	14.23	105	16837	1.422	ug/l	95
85) sec-Butylbenzene	14.23	105	16837	1.223	ug/l #	61

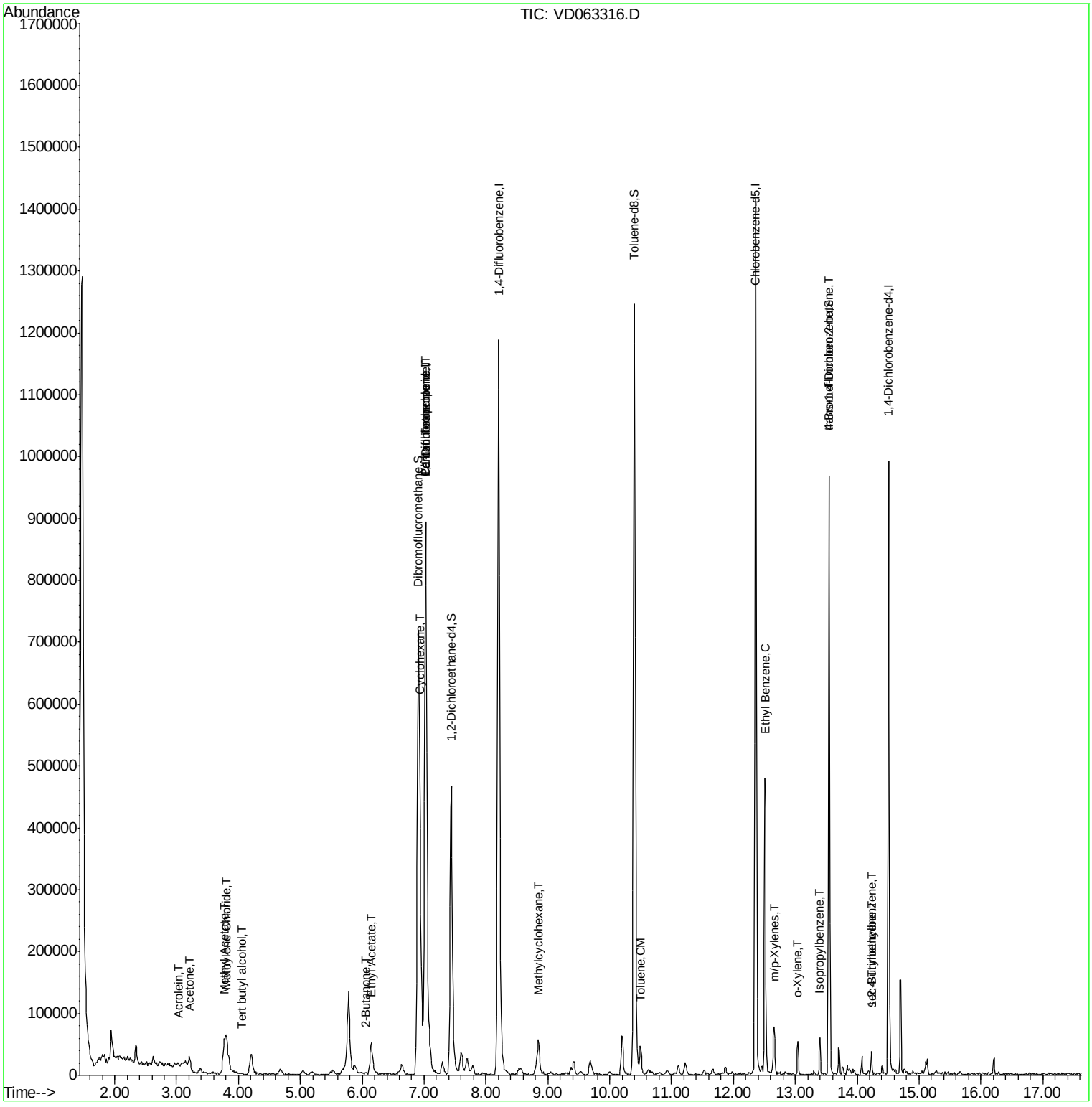
(#) = qualifier out of range (m) = manual integration (+) = signals summed

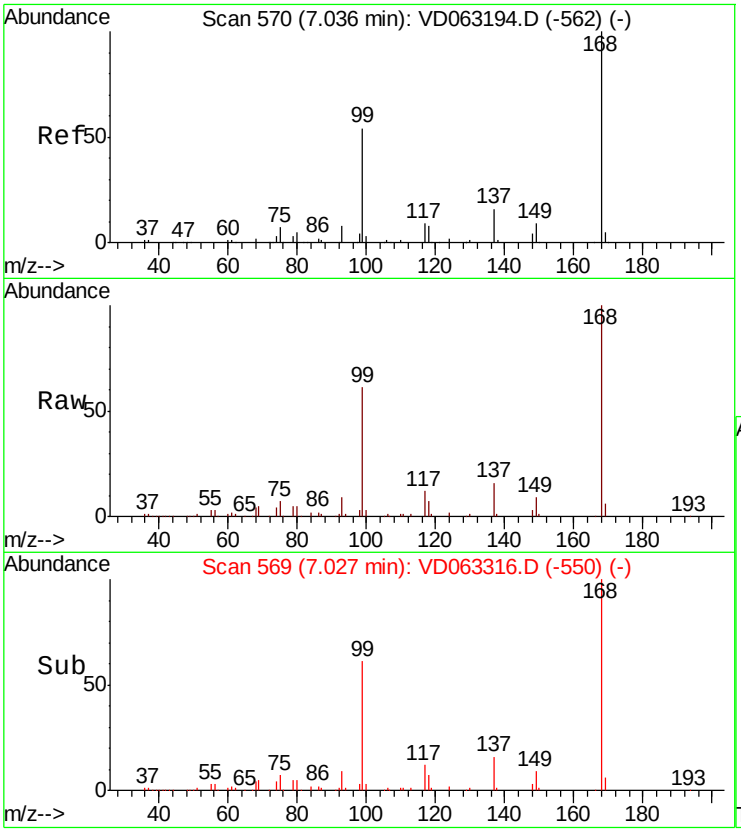
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080219\
Data File : VD063316.D
Acq On : 2 Aug 2019 15:01
Operator : VA/AP
Sample : K4120-08RE
Misc : 4.99g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T3-2RE

Quant Time: Aug 04 03:38:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration



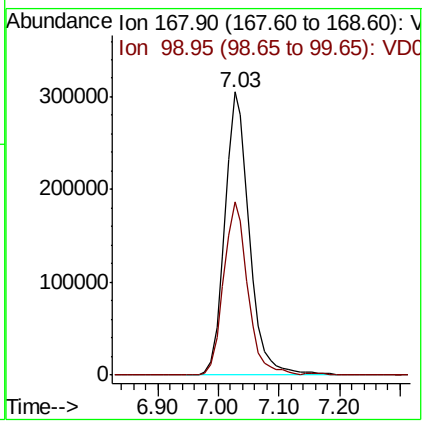


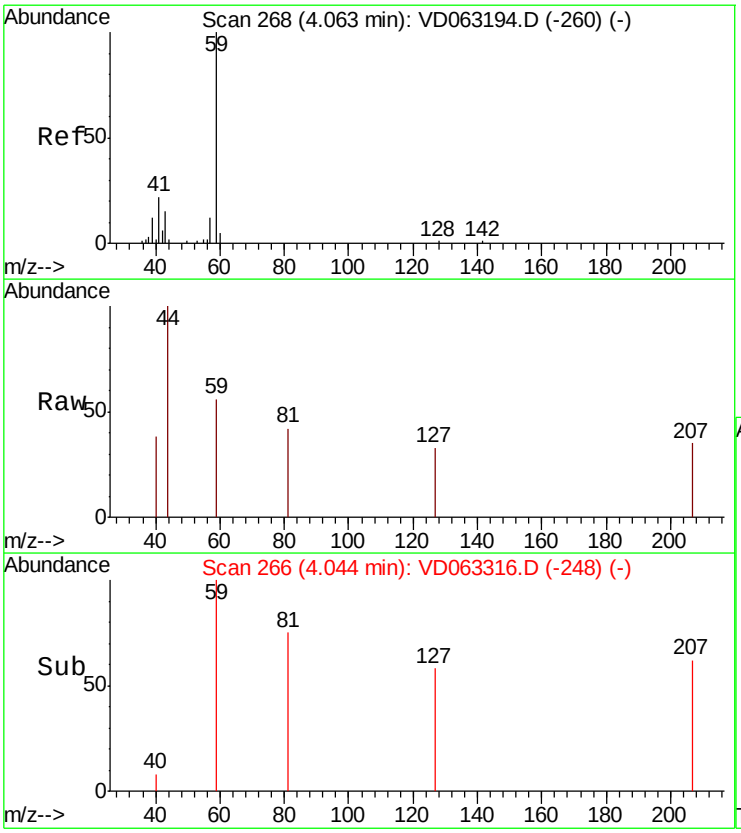
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.01 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Instrument :
MSVOA_D
ClientSampleId :
T3-2RE

Tgt Ion:168 Resp: 853719

Ion	Ratio	Lower	Upper
168	100		
99	61.2	43.7	65.5

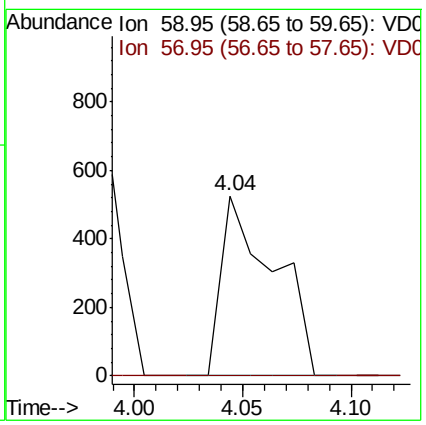


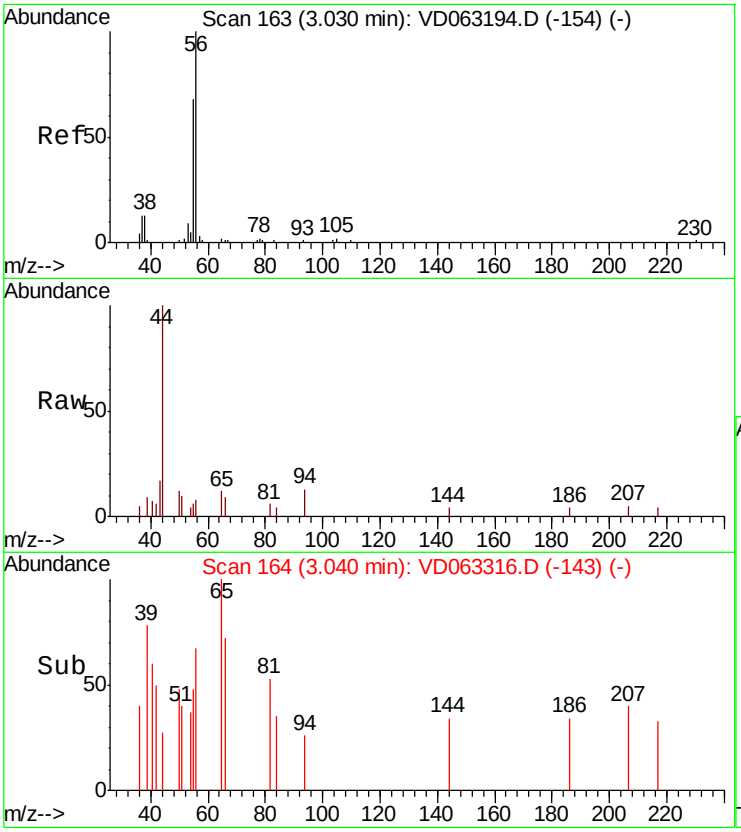


#11
Tert butyl alcohol
Concen: 2.155 ug/l
RT: 4.04 min Scan# 266
Delta R.T. -0.02 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Tgt Ion: 59 Resp: 896

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.6	14.4#



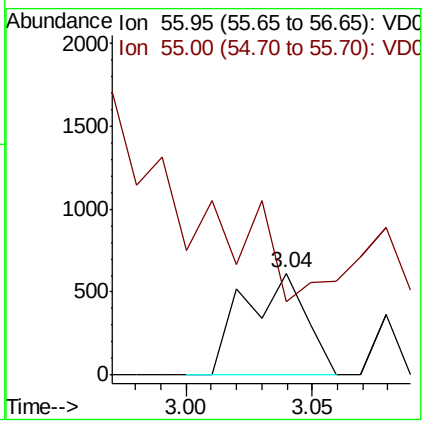


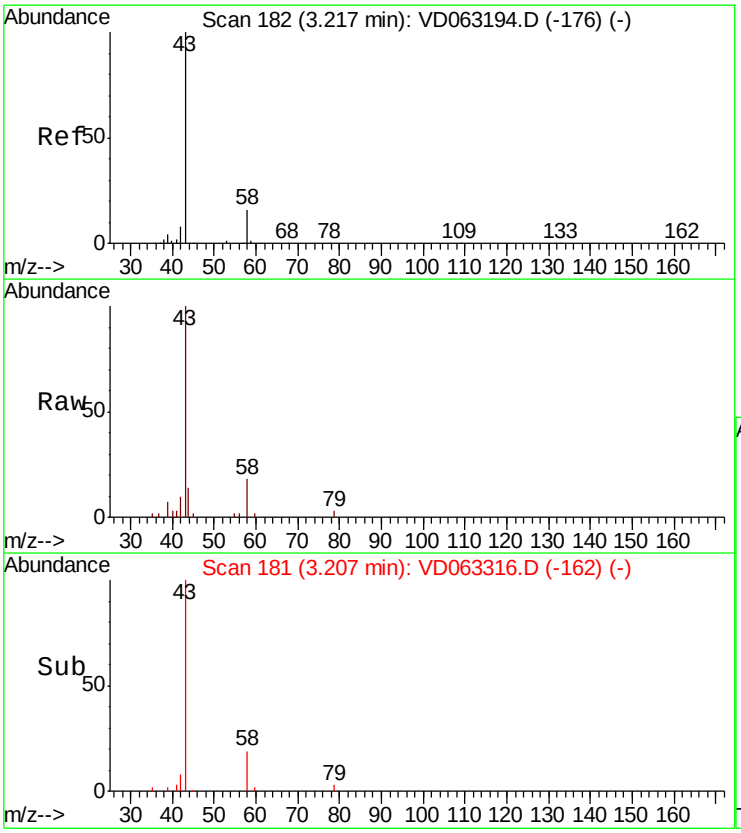
#13
Acrolein
Concen: 2.624 ug/l
RT: 3.04 min Scan# 164
Delta R.T. 0.01 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Instrument : MSVOA_D
ClientSampleId : T3-2RE

Tgt Ion: 56 Resp: 1050

Ion	Ratio	Lower	Upper
56	100		
55	71.6	55.3	82.9

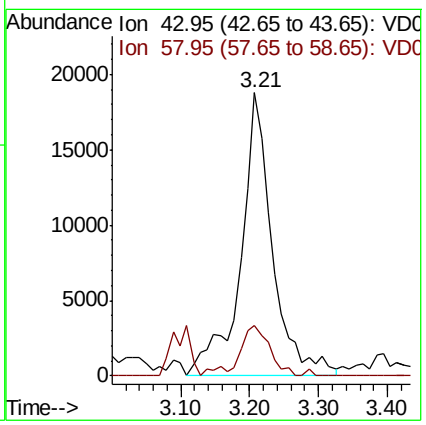


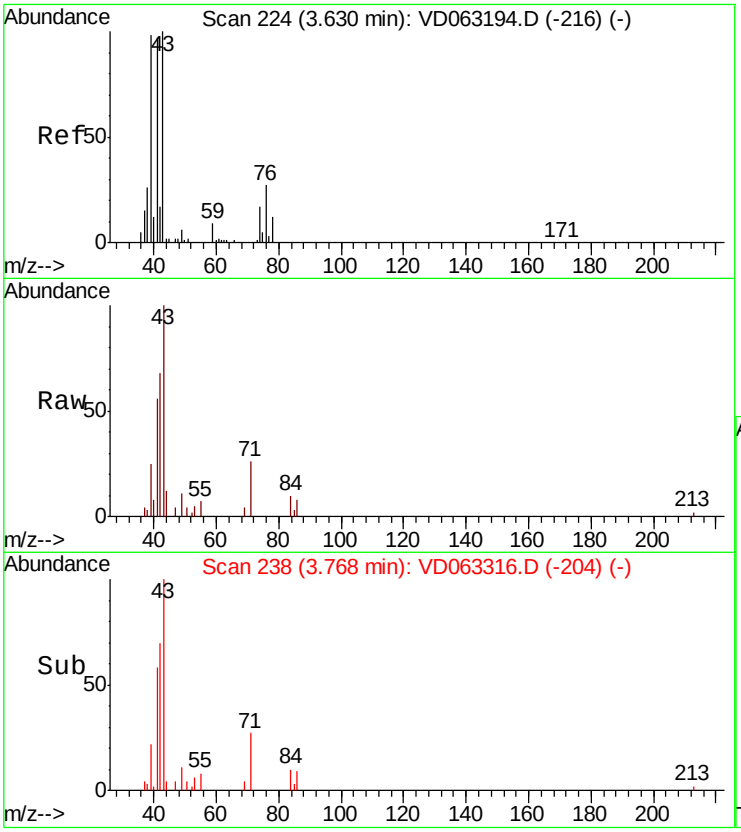


#16
Acetone
Concen: 32.621 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.01 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Tgt Ion: 43 Resp: 60208

Ion	Ratio	Lower	Upper
43	100		
58	17.6	13.0	19.4



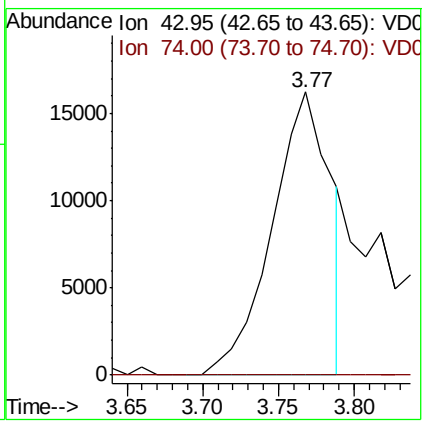


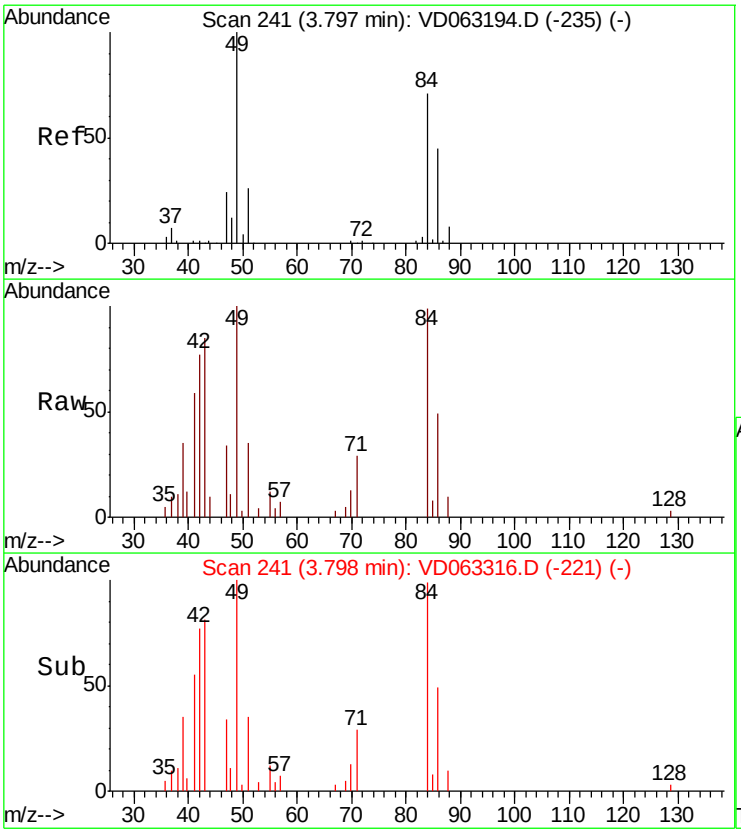
#18
Methyl Acetate
Concen: 12.362 ug/l
RT: 3.77 min Scan# 238
Delta R.T. 0.14 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Instrument : MSVOA_D
ClientSampleId : T3-2RE

Tgt Ion: 43 Resp: 43826

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.8	20.8#

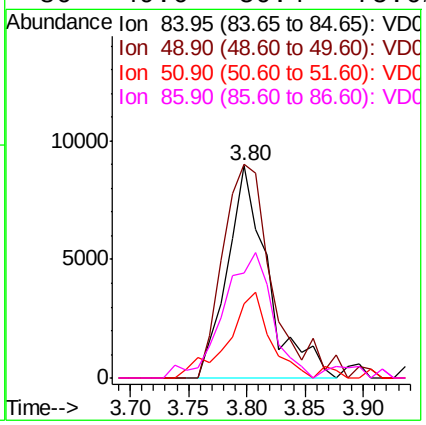


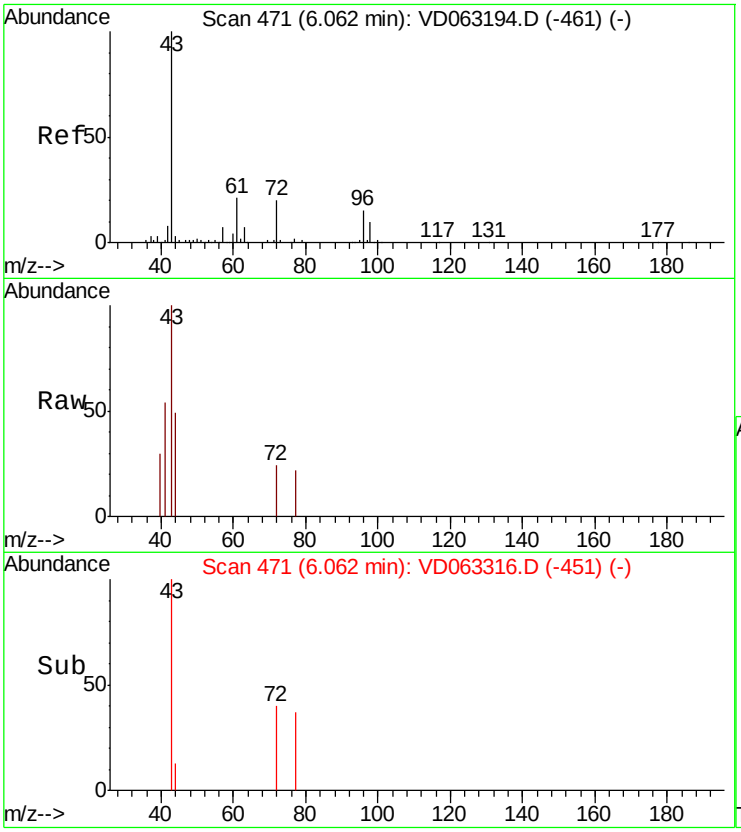


#20
Methylene Chloride
Concen: 2.909 ug/l
RT: 3.80 min Scan# 241
Delta R.T. 0.00 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Tgt Ion: 84 Resp: 21705

Ion	Ratio	Lower	Upper
84	100		
49	100.7	112.5	168.7#
51	35.1	29.6	44.4
86	49.6	50.4	75.6#



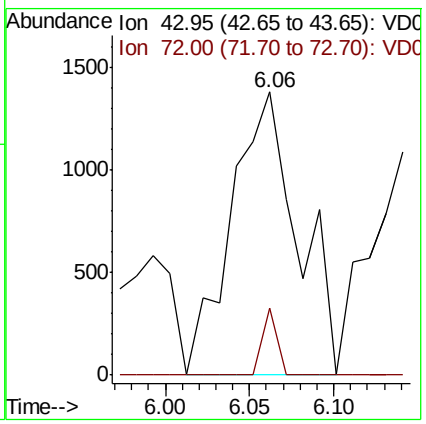


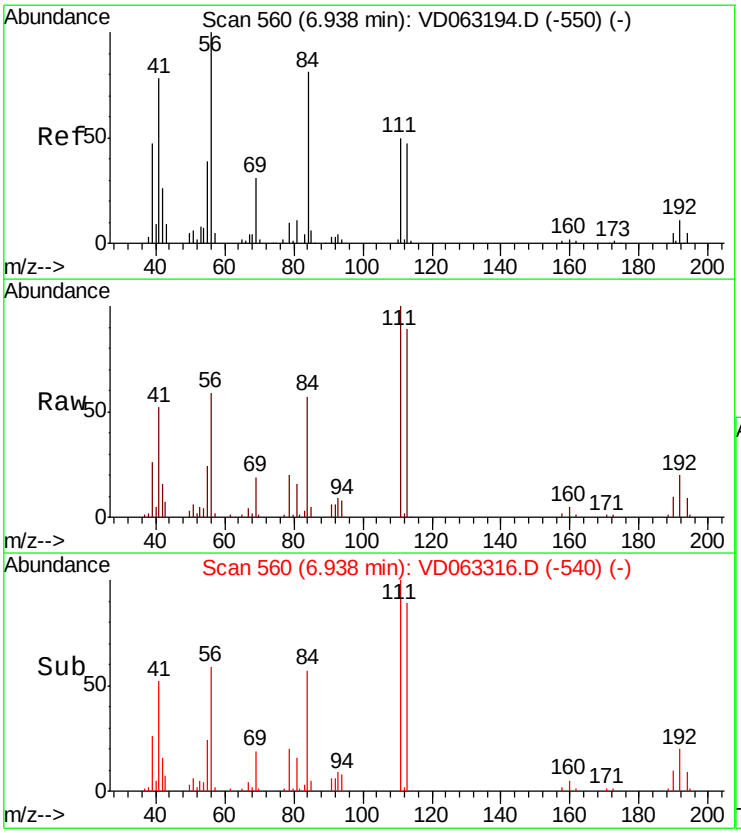
#25
2-Butanone
Concen: 2.046 ug/l
RT: 6.06 min Scan# 471
Delta R.T. 0.00 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Instrument :
MSVOA_D
ClientSampleId :
T3-2RE

Tgt Ion: 43 Resp: 3790

Ion	Ratio	Lower	Upper
43	100		
72	23.6	16.3	24.5

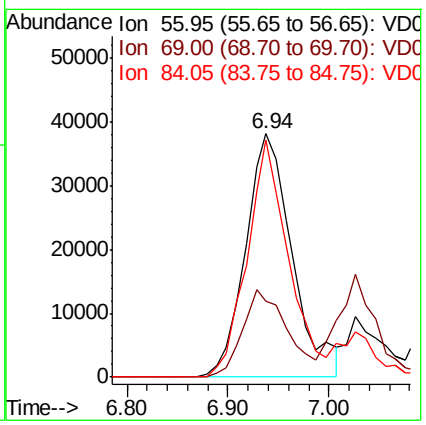


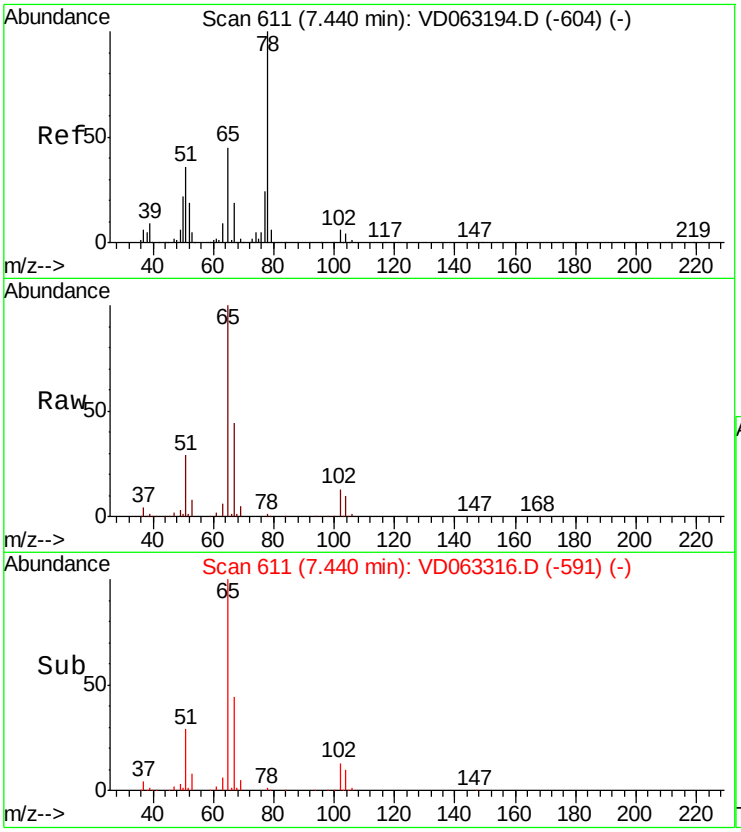


#31
Cyclohexane
Concen: 14.493 ug/l
RT: 6.94 min Scan# 560
Delta R.T. 0.00 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Tgt Ion: 56 Resp: 122289

Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.5	36.7
84	97.2	64.9	97.3



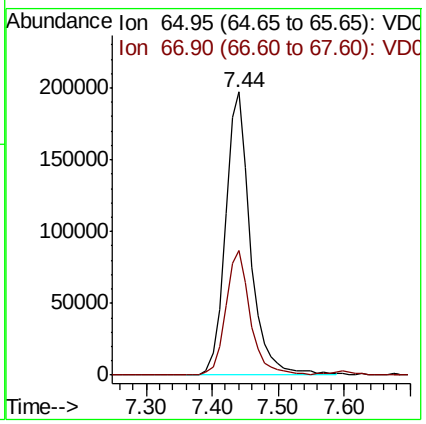


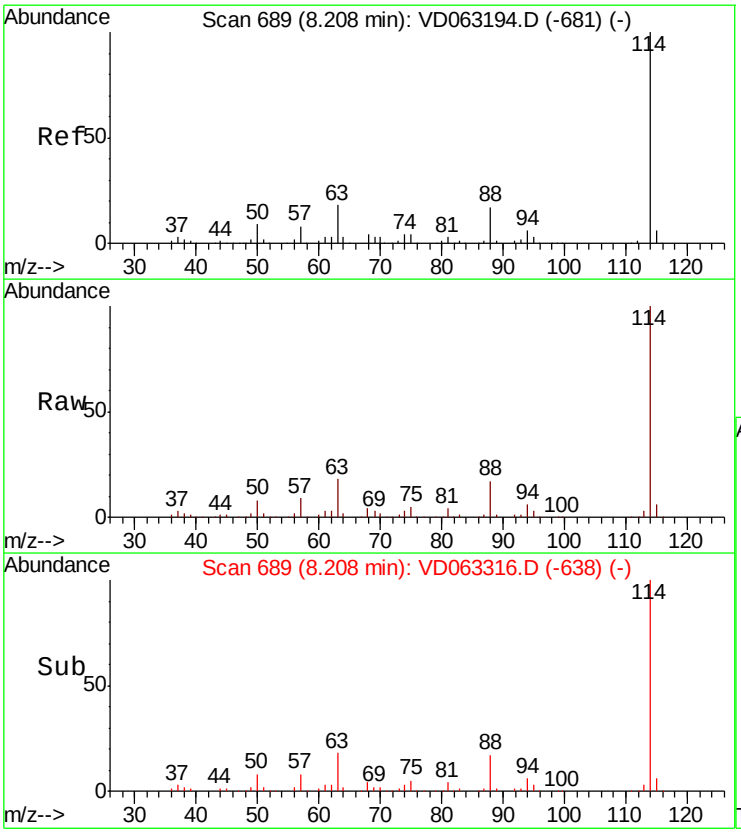
#33
1,2-Dichloroethane-d4
Concen: 54.926 ug/l
RT: 7.44 min Scan# 611
Delta R.T. 0.00 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Instrument : MSVOA_D
ClientSampleId : T3-2RE

Tgt Ion: 65 Resp: 520308

Ion	Ratio	Lower	Upper
65	100		
67	44.0	0.0	85.8

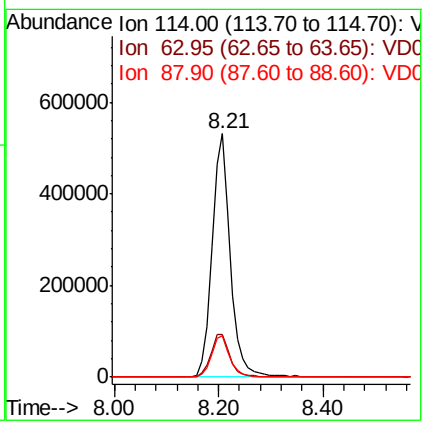


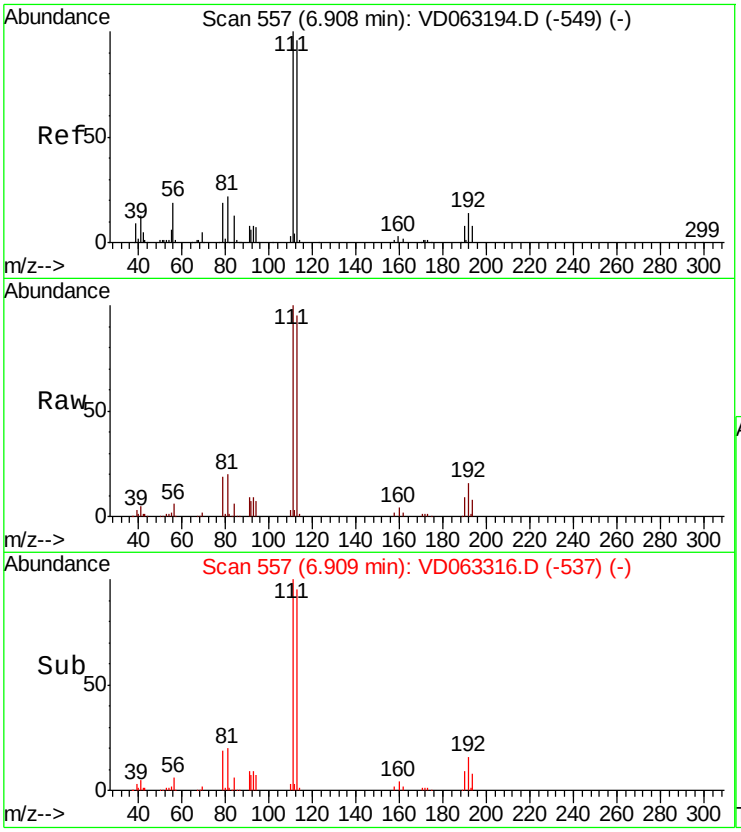


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 689
Delta R.T. 0.00 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Tgt Ion:114 Resp: 1283433

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.2
88	16.9	0.0	34.6



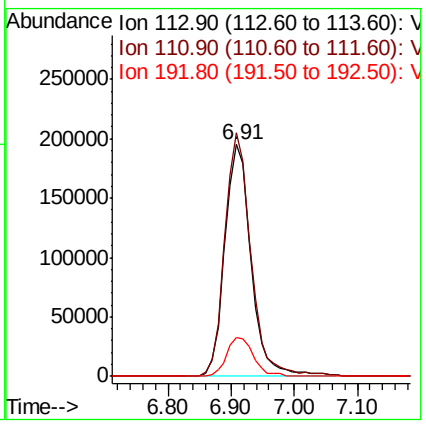


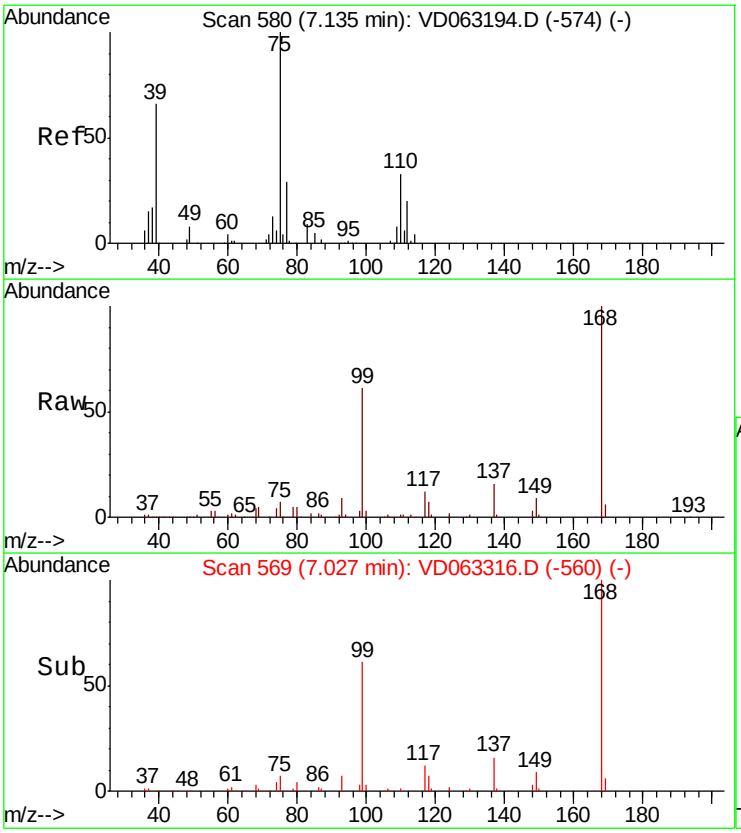
#35
Dibromofluoromethane
Concen: 51.446 ug/l
RT: 6.91 min Scan# 557
Delta R.T. 0.00 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Instrument :
MSVOA_D
ClientSampleId :
T3-2RE

Tgt Ion:113 Resp: 563733

Ion	Ratio	Lower	Upper
113	100		
111	104.9	83.2	124.8
192	16.7	11.8	17.8

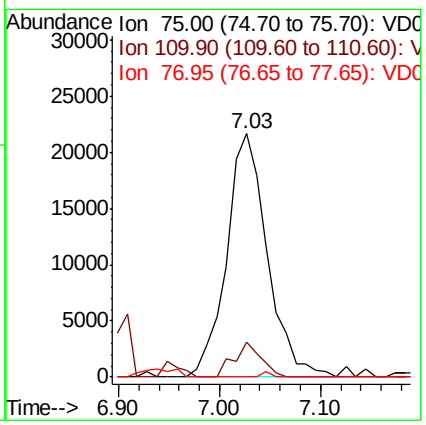


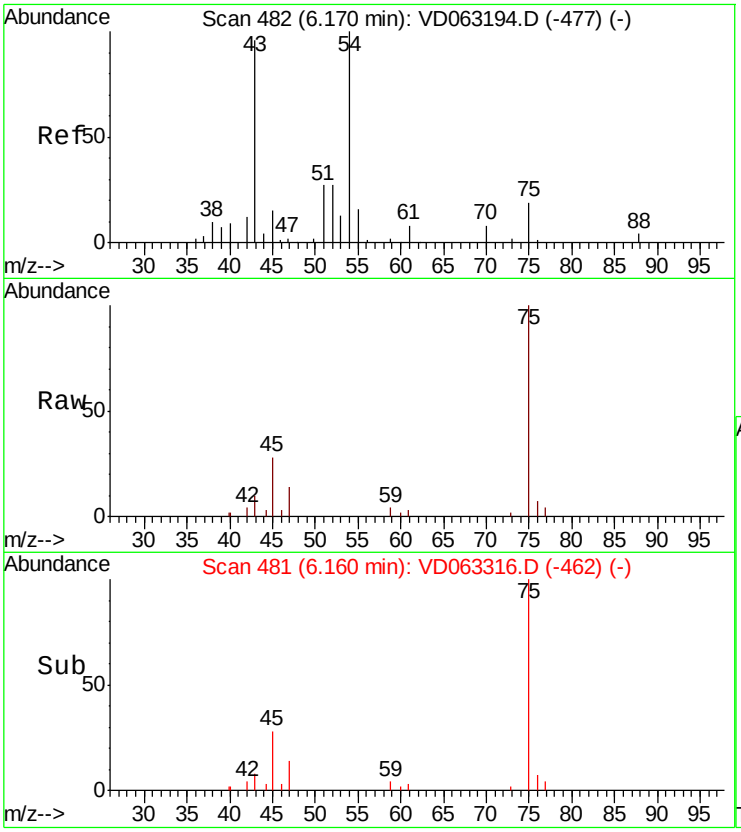


#36
1,1-Dichloropropene
Concen: 5.175 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.11 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Tgt Ion: 75 Resp: 60614

Ion	Ratio	Lower	Upper
75	100		
110	14.4	16.1	48.2#
77	0.0	22.7	34.1#



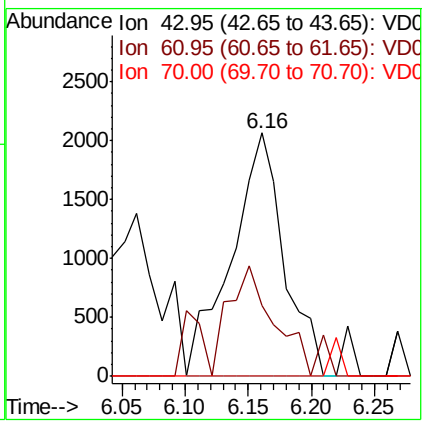


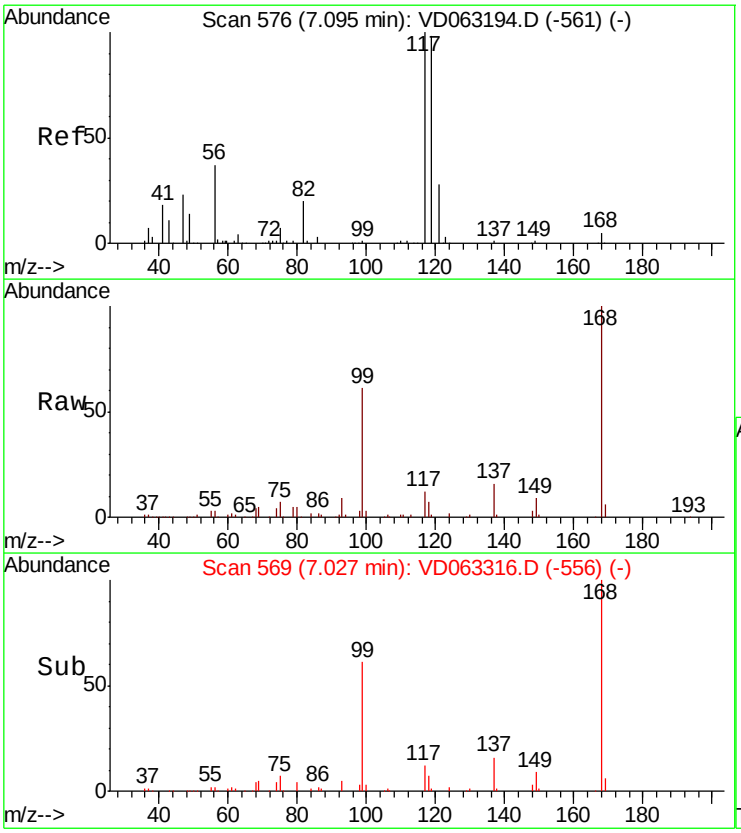
#37
Ethyl Acetate
Concen: 1.142 ug/l
RT: 6.16 min Scan# 481
Delta R.T. -0.01 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Instrument : MSVOA_D
ClientSampleId : T3-2RE

Tgt Ion: 43 Resp: 6008

Ion	Ratio	Lower	Upper
43	100		
61	29.1	11.3	16.9#
70	0.0	5.1	7.7#

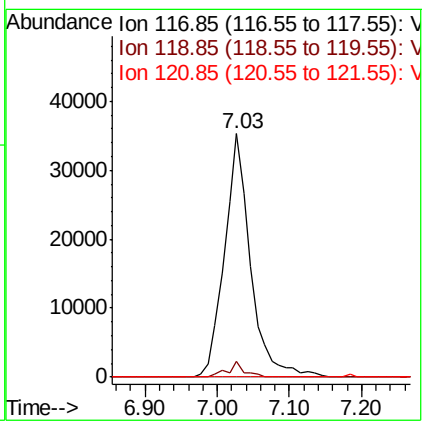


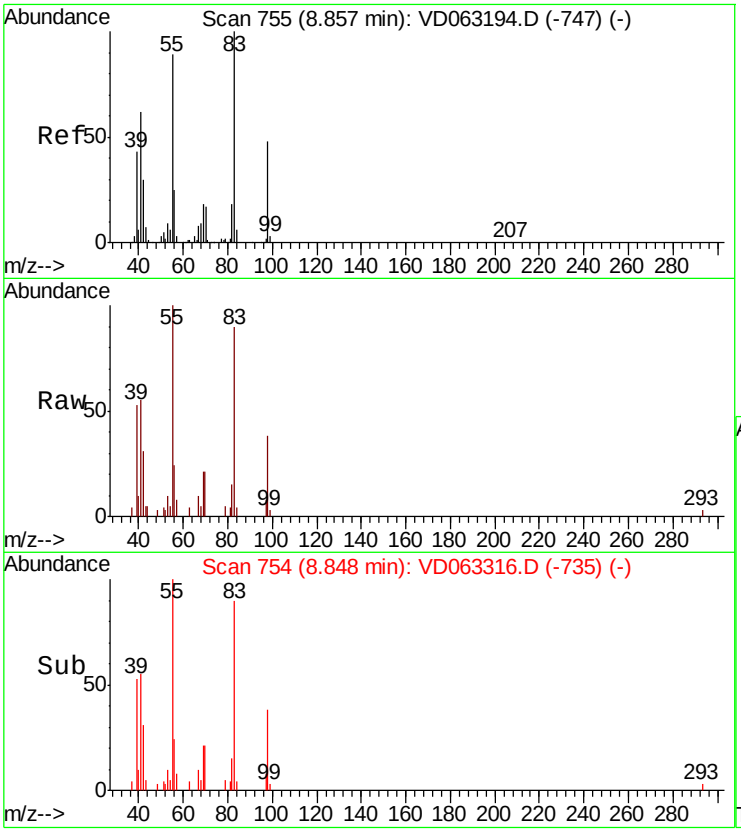


#38
Carbon Tetrachloride
Concen: 5.006 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.07 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Tgt Ion:117 Resp: 88269

Ion	Ratio	Lower	Upper
117	100		
119	6.3	78.2	117.2#
121	0.0	22.1	33.1#



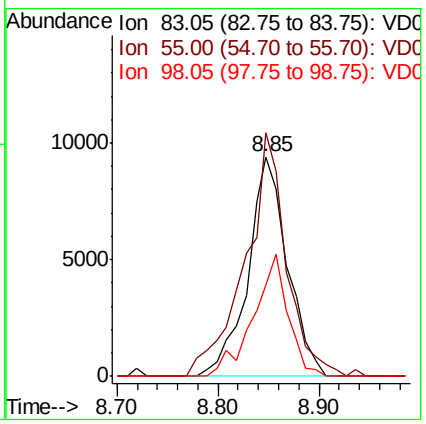


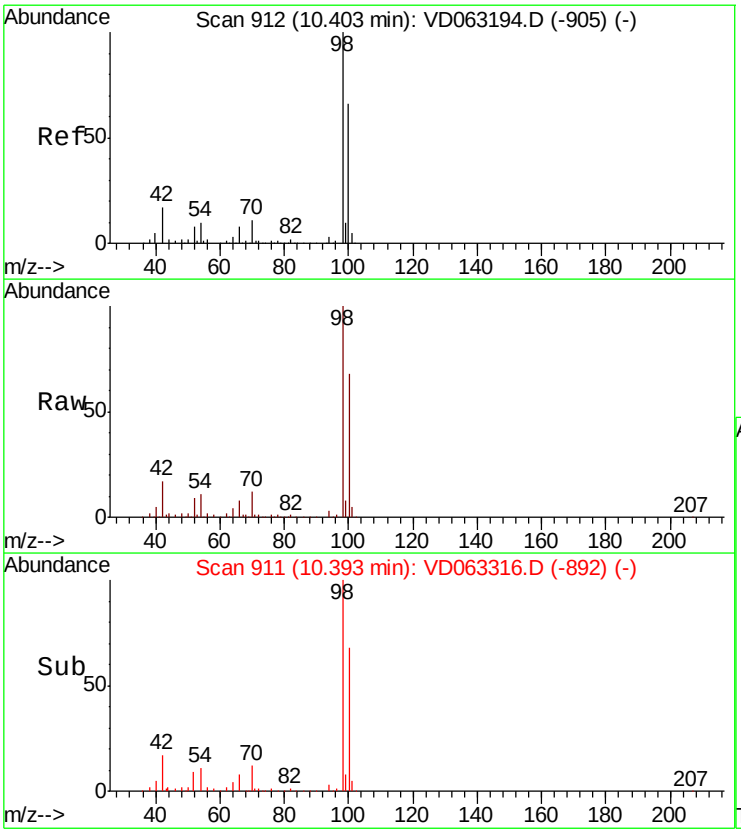
#39
Methylcyclohexane
Concen: 2.620 ug/l
RT: 8.85 min Scan# 754
Delta R.T. -0.01 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Instrument : MSVOA_D
ClientSampleId : T3-2RE

Tgt Ion: 83 Resp: 25568

Ion	Ratio	Lower	Upper
83	100		
55	110.9	71.1	106.7#
98	41.8	38.5	57.7

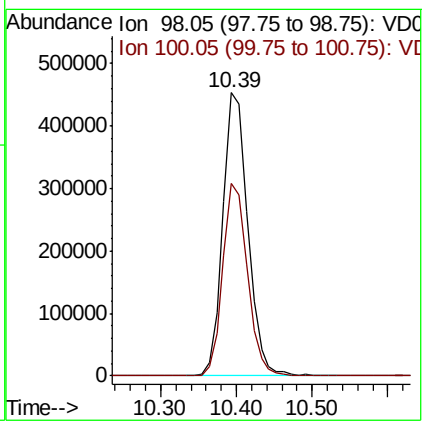


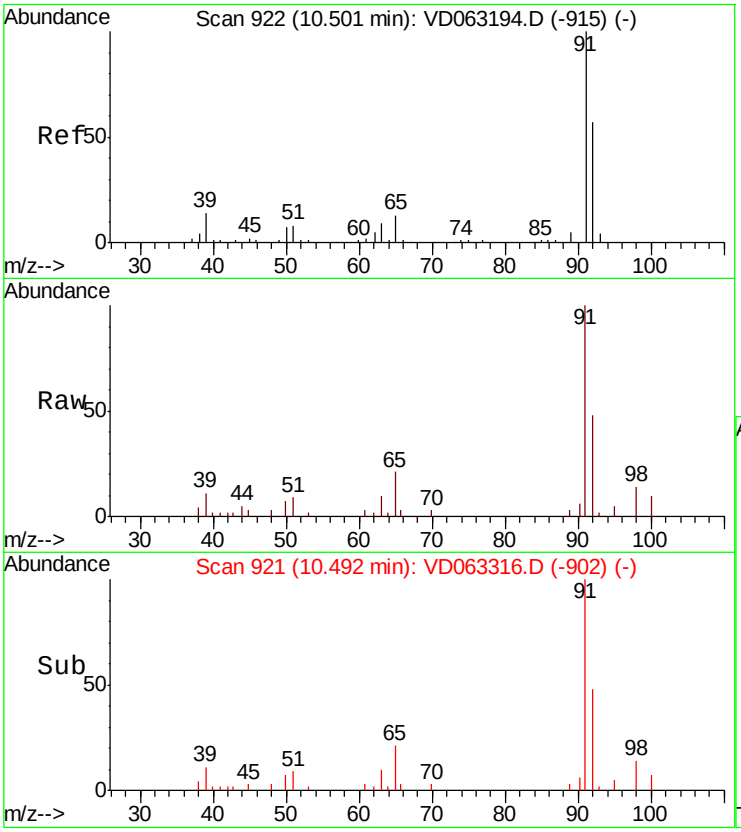


#50
Toluene-d8
Concen: 42.388 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Tgt Ion: 98 Resp: 1039493

Ion	Ratio	Lower	Upper
98	100		
100	68.0	53.2	79.8



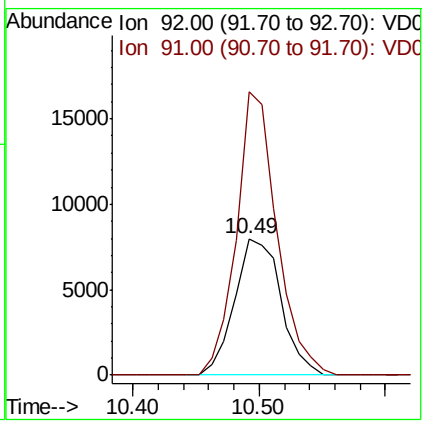


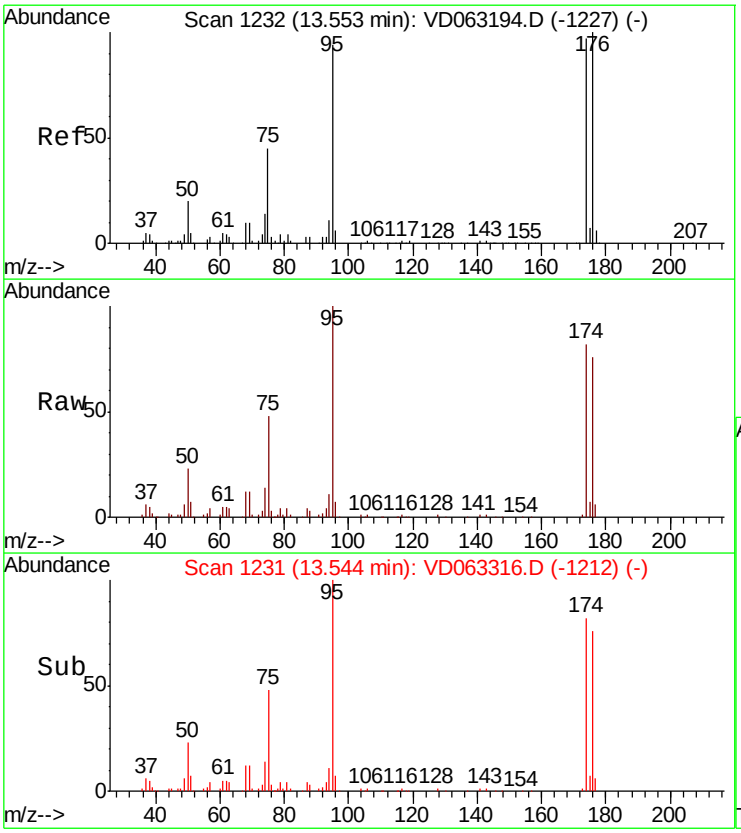
#52
Toluene
Concen: 1.241 ug/l
RT: 10.49 min Scan# 921
Delta R.T. -0.01 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Instrument :
MSVOA_D
ClientSampleId :
T3-2RE

Tgt Ion: 92 Resp: 20260

Ion	Ratio	Lower	Upper
92	100		
91	207.9	140.8	211.2

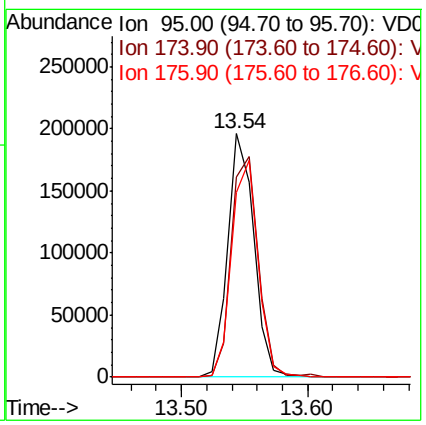


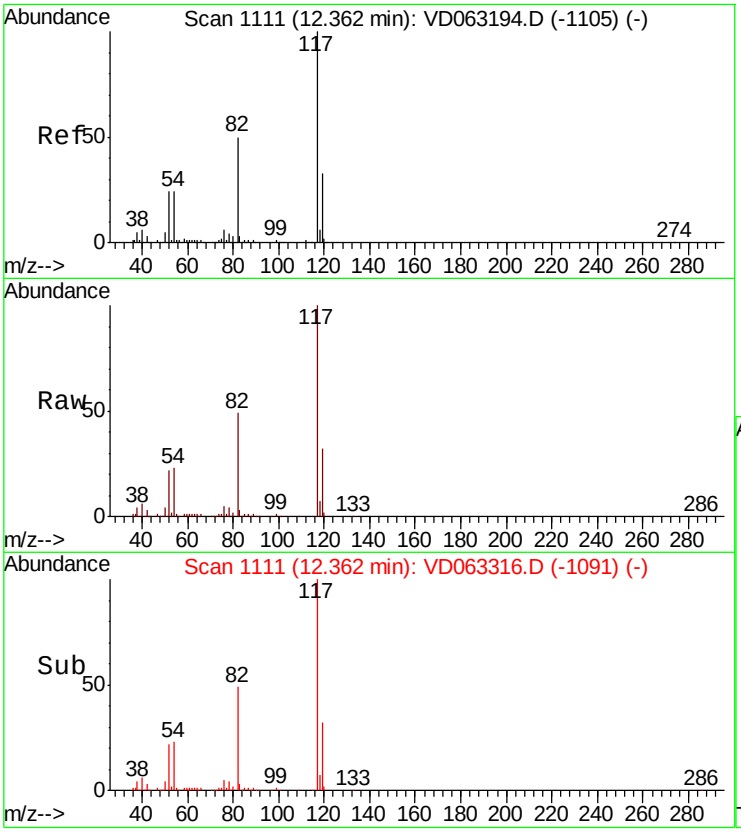


#62
4-Bromofluorobenzene
Concen: 24.913 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Tgt Ion: 95 Resp: 278405

Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	205.4
176	76.0	0.0	211.8



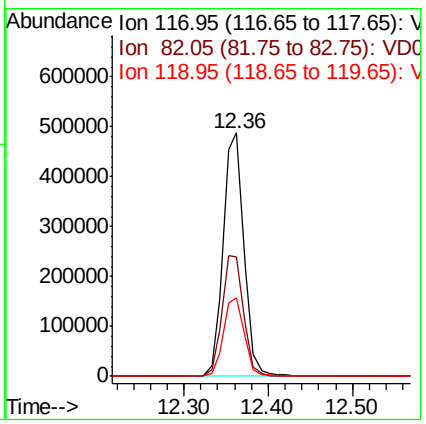


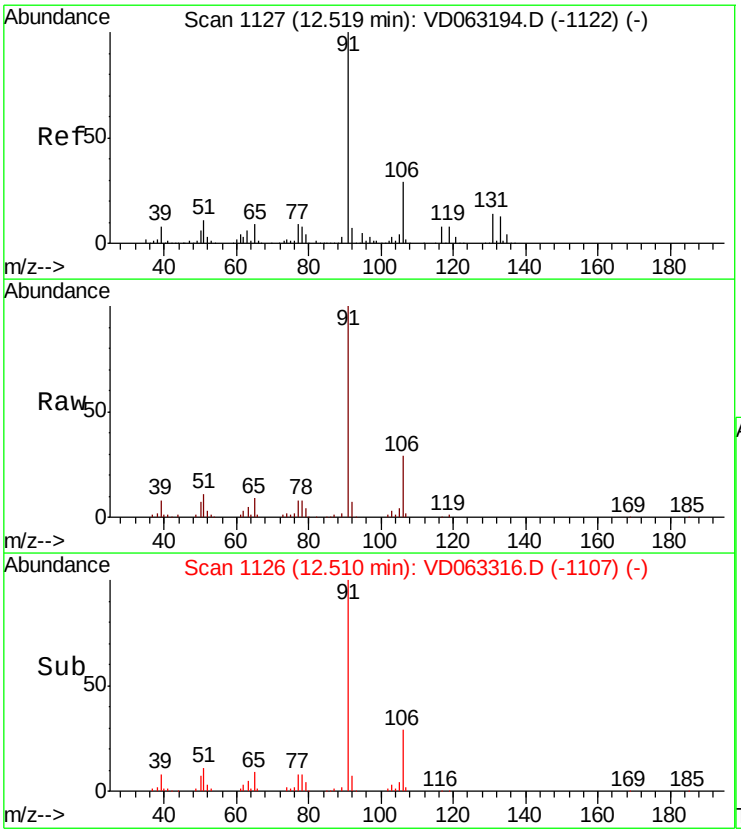
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Instrument : MSVOA_D
ClientSampleId : T3-2RE

Tgt Ion:117 Resp: 833999

Ion	Ratio	Lower	Upper
117	100		
82	48.9	40.1	60.1
119	32.5	26.5	39.7

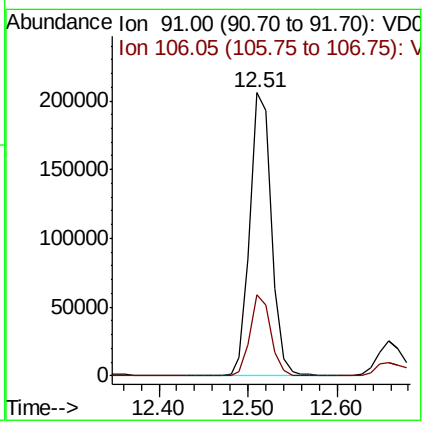


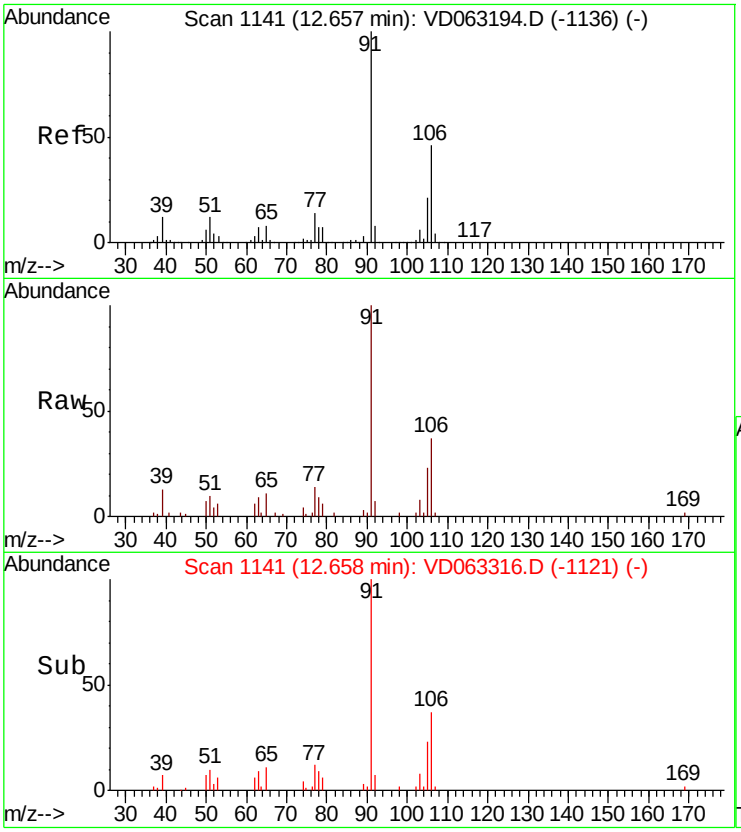


#67
Ethyl Benzene
Concen: 12.624 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Tgt Ion: 91 Resp: 344018

Ion	Ratio	Lower	Upper
91	100		
106	28.7	22.9	34.3



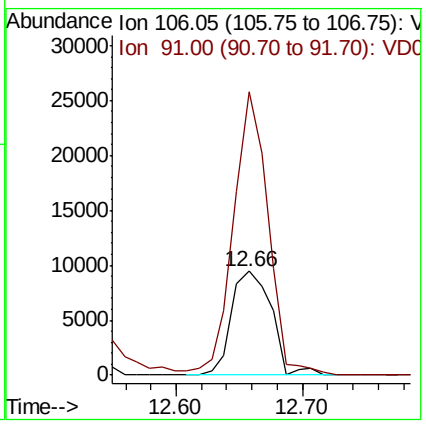


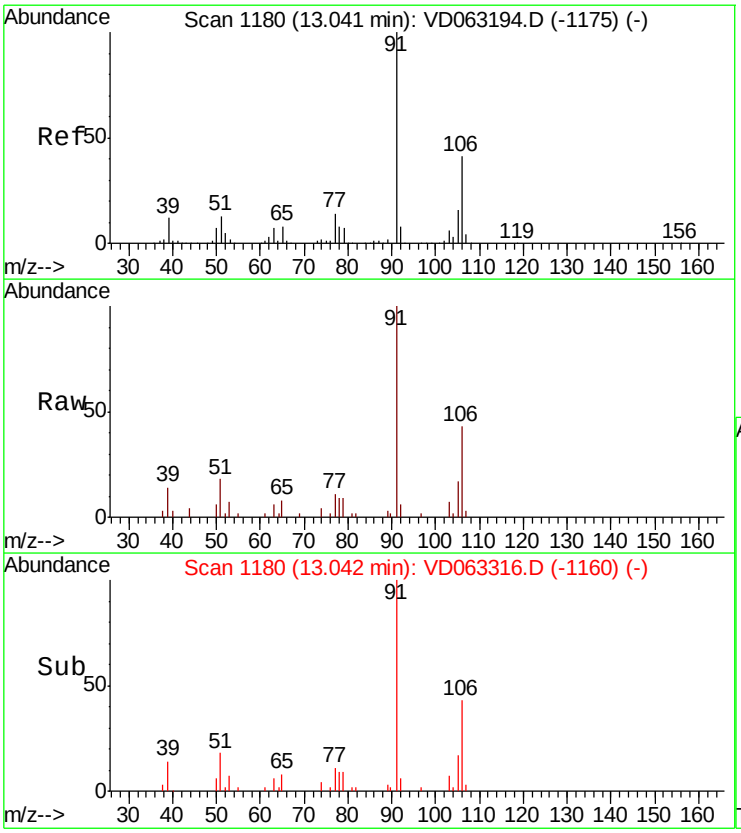
#68
m/p-Xylenes
Concen: 2.077 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Instrument :
MSVOA_D
ClientSampleId :
T3-2RE

Tgt Ion:106 Resp: 20762

Ion	Ratio	Lower	Upper
106	100		
91	272.0	172.6	259.0#

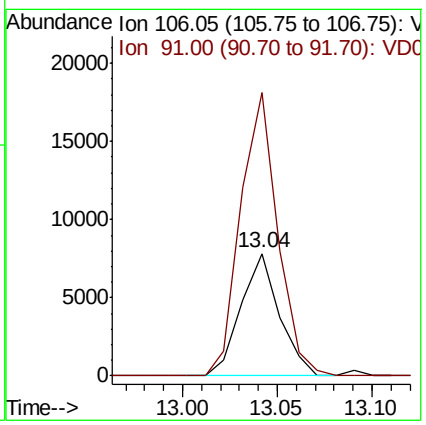


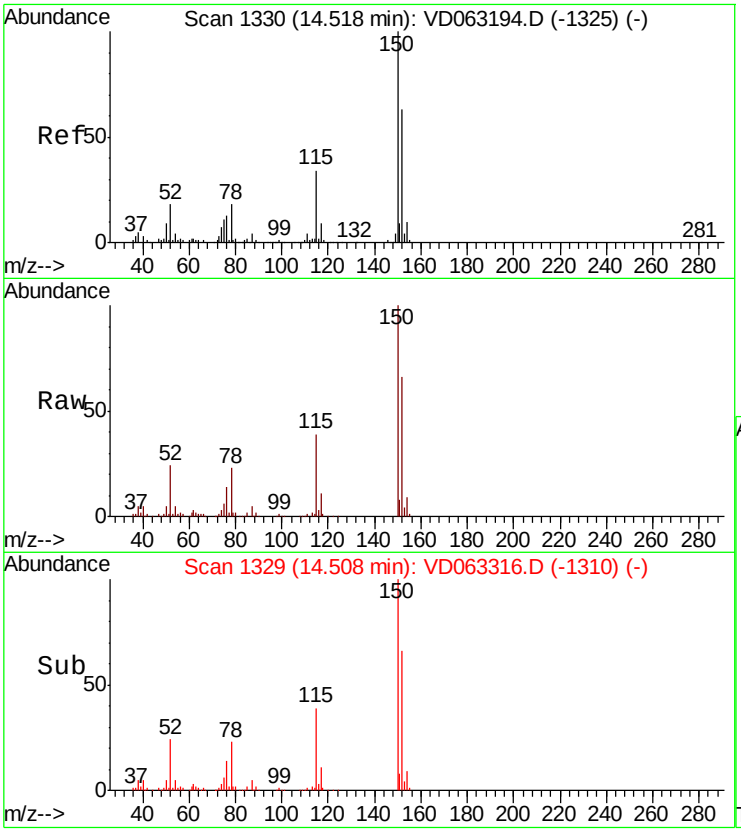


#69
o-Xylene
Concen: 1.199 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Tgt Ion:106 Resp: 11002

Ion	Ratio	Lower	Upper
106	100		
91	231.5	121.3	363.9



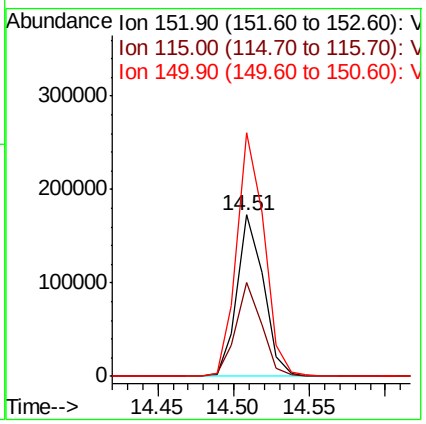


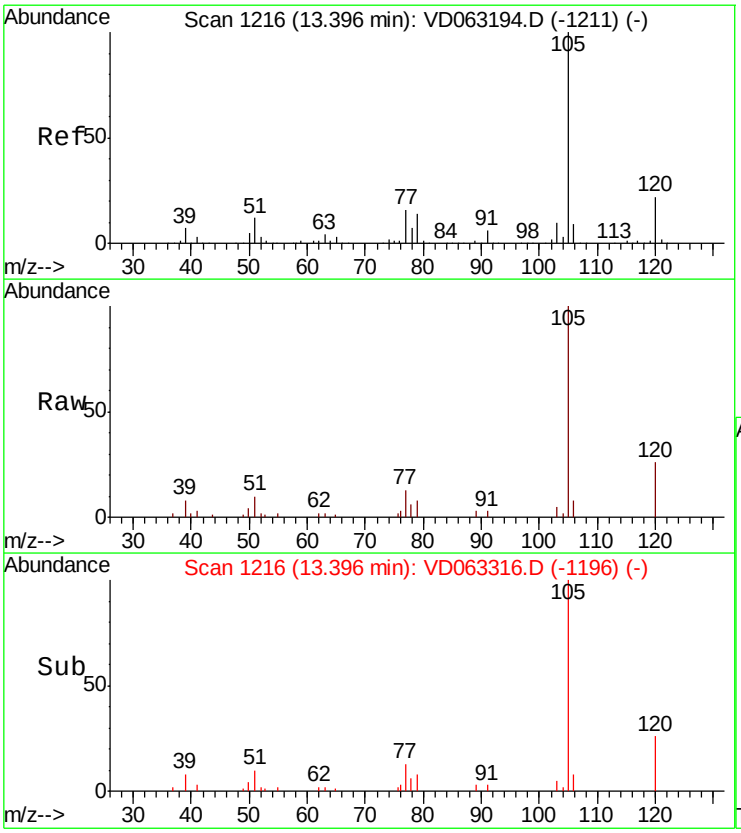
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Instrument :
MSVOA_D
ClientSampleId :
T3-2RE

Tgt Ion:152 Resp: 211470

Ion	Ratio	Lower	Upper
152	100		
115	58.3	27.5	82.4
150	150.9	0.0	320.6

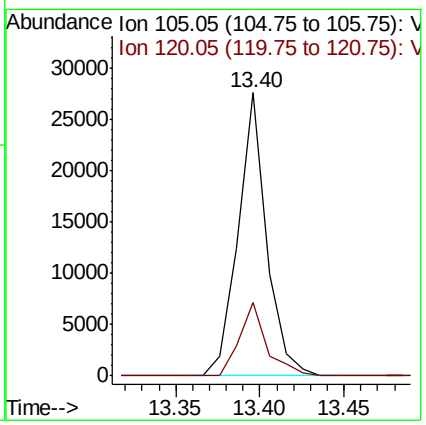


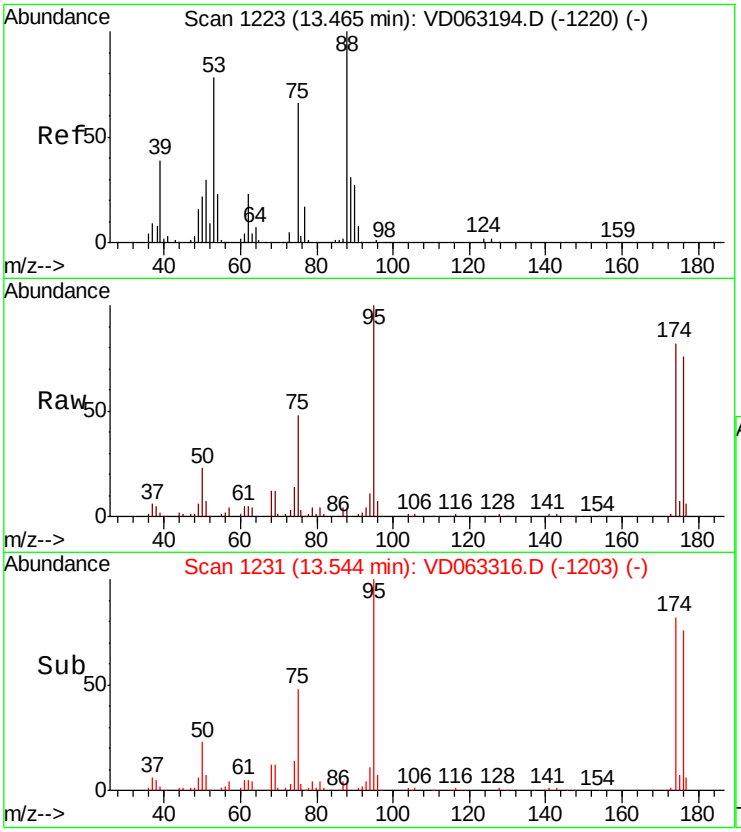


#73
Isopropylbenzene
Concen: 2.425 ug/l
RT: 13.40 min Scan# 1216
Delta R.T. 0.00 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Tgt Ion:105 Resp: 32180

Ion	Ratio	Lower	Upper
105	100		
120	25.8	11.1	33.3



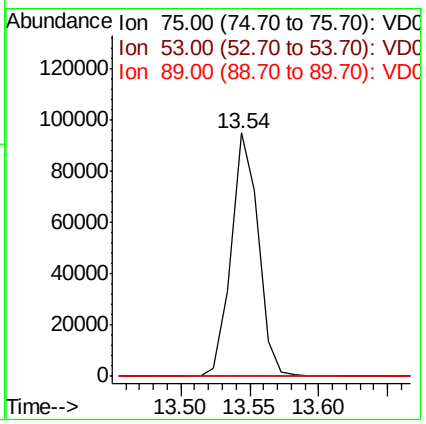


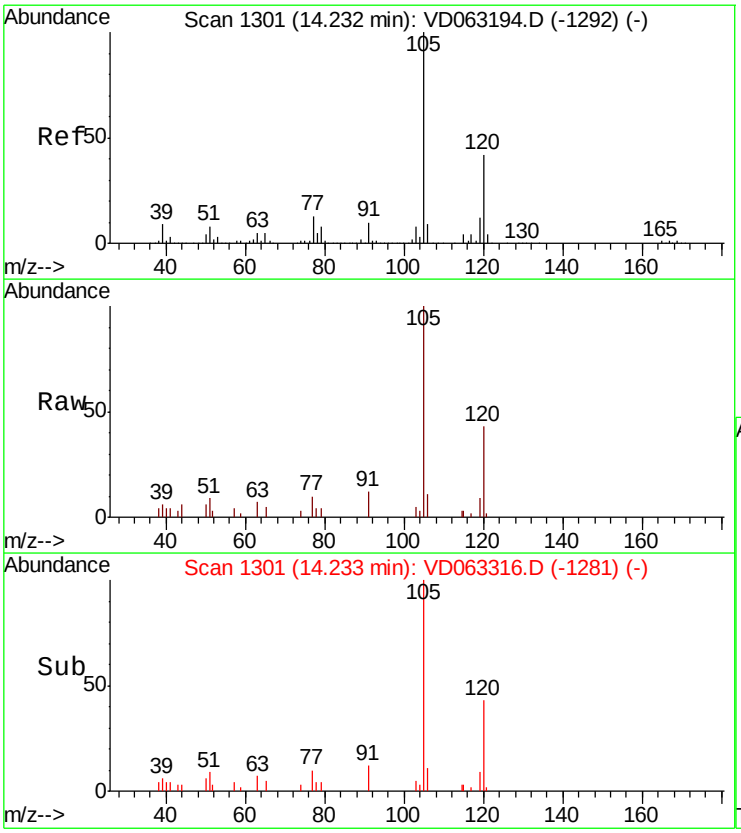
#81
trans-1,4-Dichloro-2-butene
Concen: 184.219 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.08 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Instrument :
MSVOA_D
ClientSampleId :
T3-2RE

Tgt Ion: 75 Resp: 129932

Ion	Ratio	Lower	Upper
75	100		
53	0.0	94.9	142.3#
89	0.0	37.4	56.0#

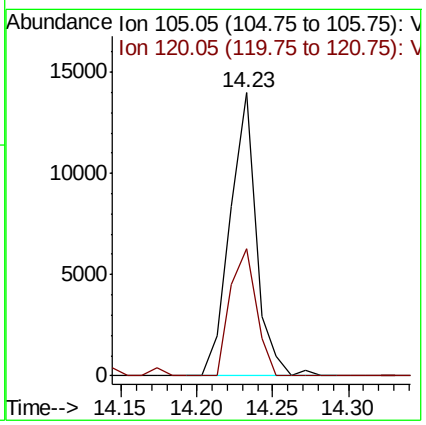


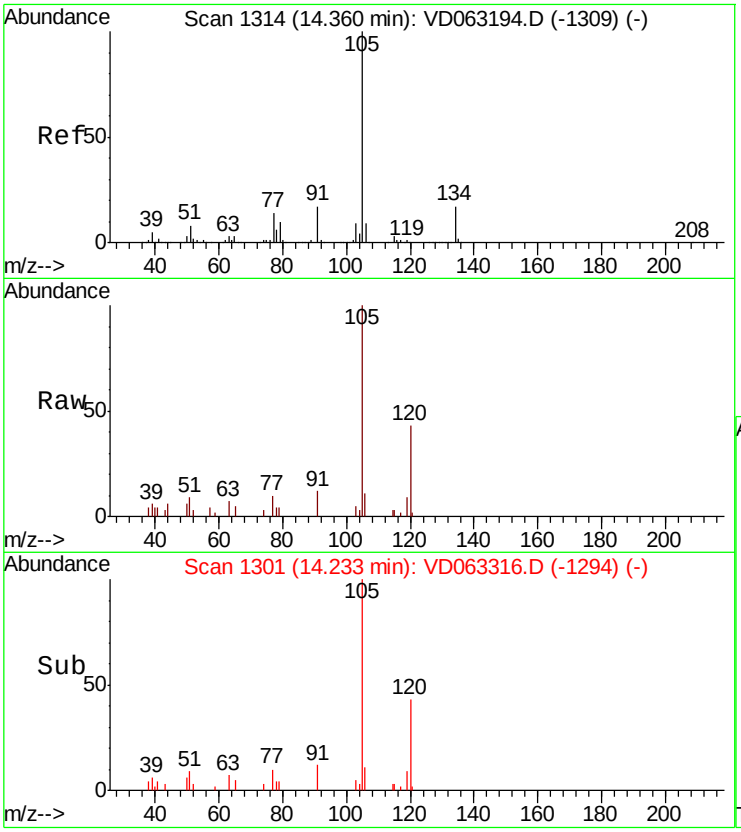


#84
1,2,4-Trimethylbenzene
Concen: 1.422 ug/l
RT: 14.23 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Tgt Ion:105 Resp: 16837

Ion	Ratio	Lower	Upper
105	100		
120	45.1	20.9	62.7





#85
sec-Butylbenzene
Concen: 1.223 ug/l
RT: 14.23 min Scan# 1301
Delta R.T. -0.13 min
Lab File: VD063316.D
Acq: 2 Aug 2019 15:01

Instrument :
MSVOA_D
ClientSampleId :
T3-2RE

Tgt Ion:105 Resp: 16837

Ion	Ratio	Lower	Upper
105	100		
134	0.0	8.3	24.9#