Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080819\
Data File : VD063446.D
Acq On : 8 Aug 2019 18:46
Operator : JC/SY
Sample : K3613-01RE
Misc : 5.94g/5ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : AU-05-080719-A

Quant Time: Aug 09 06:59:55 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	7.06	168	924102	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1327226	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1012004	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	413181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	474811	46.31	ug/l	0.02
Spiked Amount 50.000			Recovery = 92.62%			
35) Dibromofluoromethane	6.94	113	518553	45.76	ug/l	0.03
Spiked Amount 50.000			Recovery = 91.52%			
50) Toluene-d8	10.43	98	1038629	40.96	ug/l	0.02
Spiked Amount 50.000			Recovery = 81.92%			
62) 4-Bromofluorobenzene	13.56	95	372921	32.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 64.54%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.09	59	1011	2.247	ug/l #	69
16) Acetone	3.23	43	27652	13.841	ug/l	96
18) Methyl Acetate	3.65	43	6935	1.807	ug/l #	60
20) Methylene Chloride	3.82	84	28574	3.538	ug/l #	83
38) Carbon Tetrachloride	7.06	117	92160	5.054	ug/l #	14
58) 2-Chloroethyl Vinyl ether	9.86	63	6525	2.008	ug/l #	61
76) 1,2,3-Trichloropropane	13.56	75	146465	29.512	ug/l #	46
81) trans-1,4-Dichloro-2-buten	13.56	75	169822	123.231	ug/l #	3

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080819\
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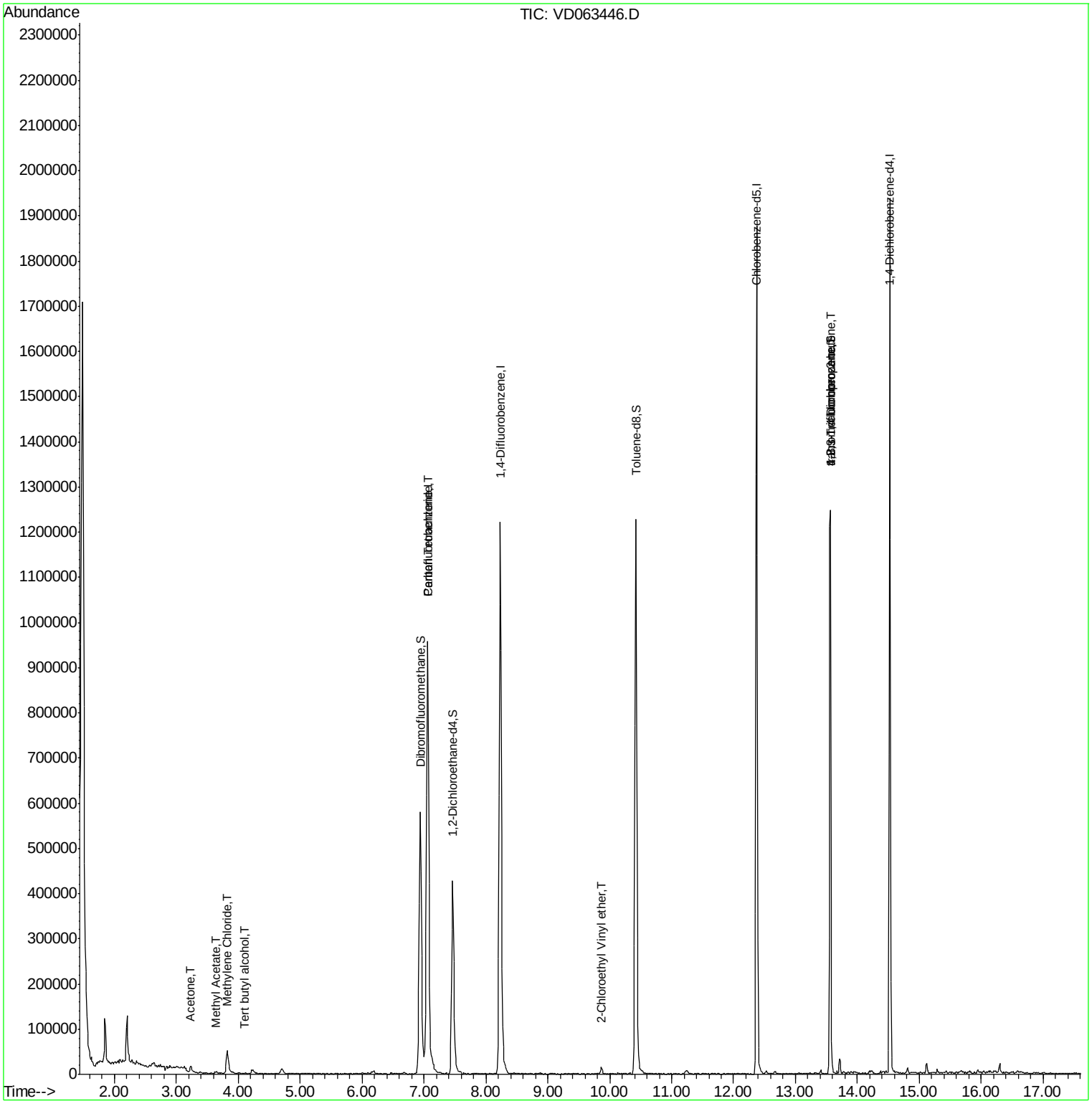
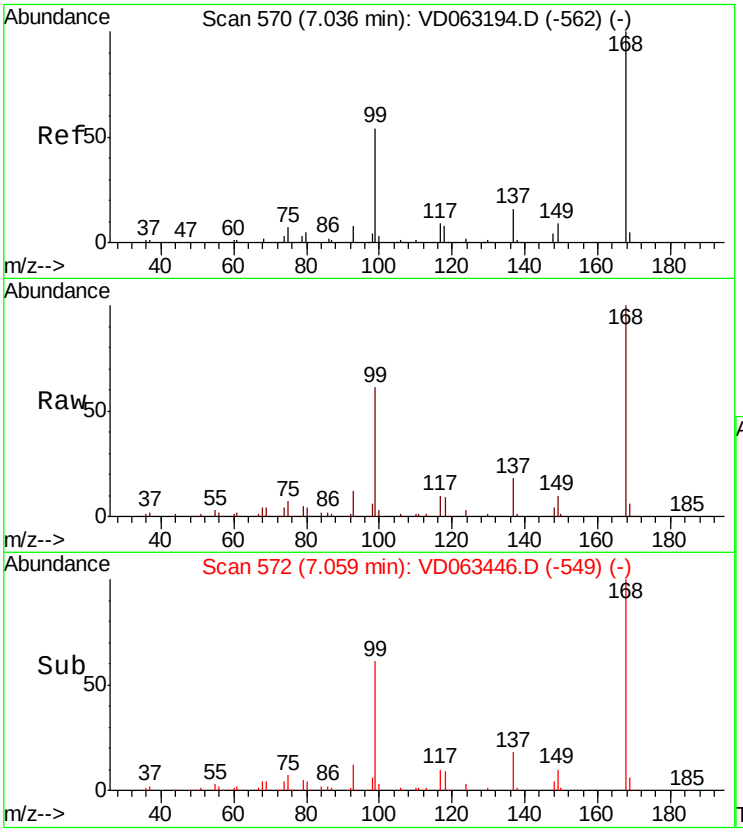
ClientSampleId :
AU-05-080719-A

Quant Time: Aug 09 06:59:55 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



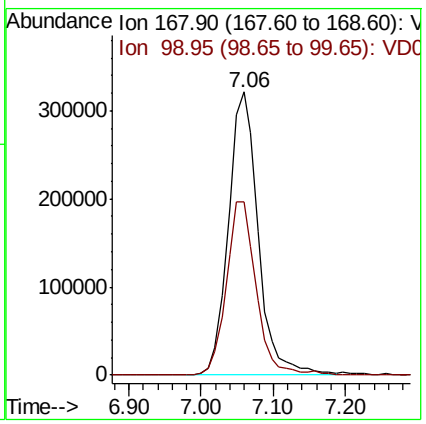


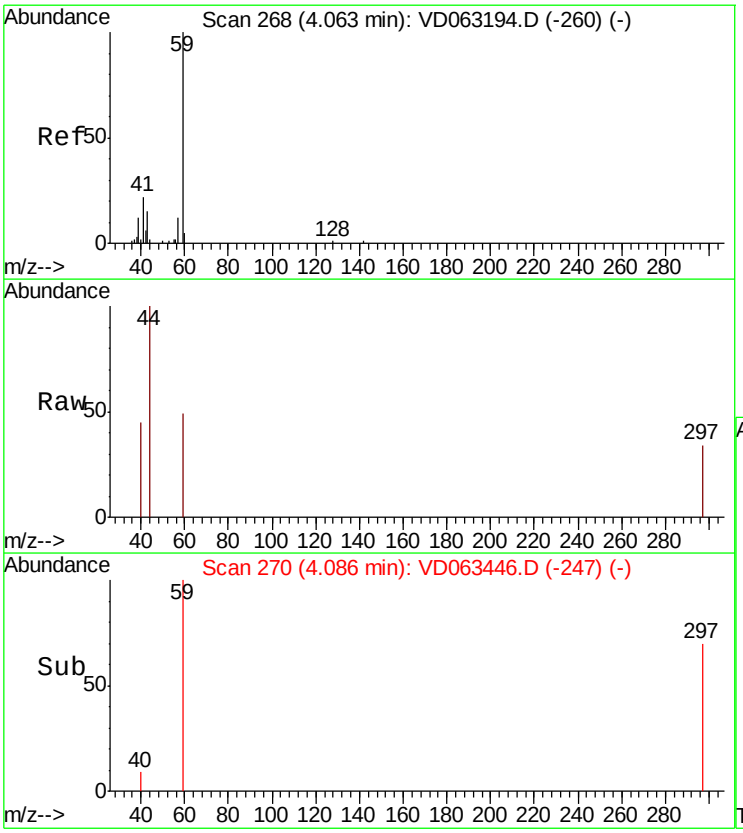
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.02 min
Lab File: VD063446.D
Acq: 8 Aug 2019 18:46

Instrument :
MSVOA_D
ClientSampleId :
AU-05-080719-A

Tgt Ion:168 Resp: 924102

Ion	Ratio	Lower	Upper
168	100		
99	61.3	43.7	65.5

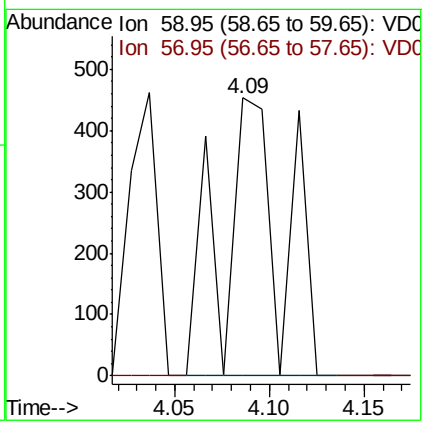


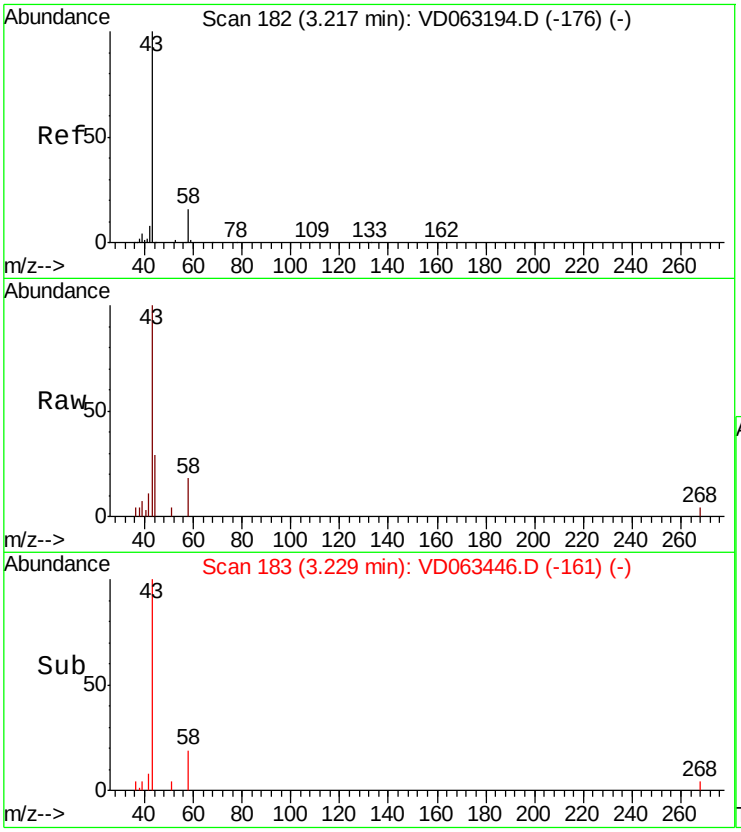


#11
Tert butyl alcohol
Concen: 2.247 ug/l
RT: 4.09 min Scan# 270
Delta R.T. 0.02 min
Lab File: VD063446.D
Acq: 8 Aug 2019 18:46

Tgt Ion: 59 Resp: 1011

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.6	14.4#



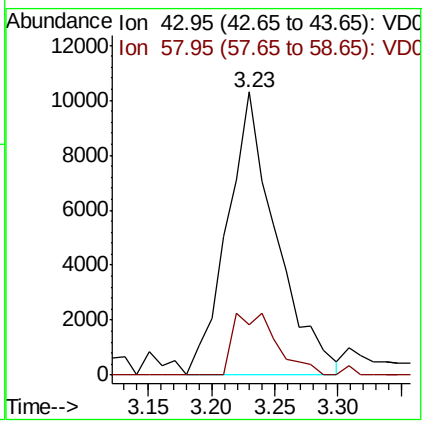


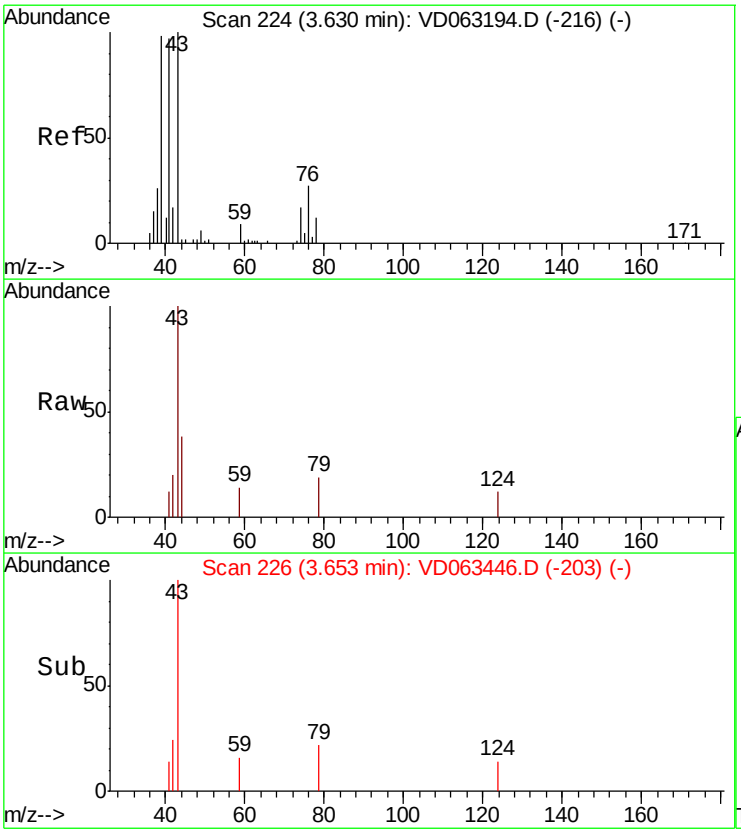
#16
Acetone
Concen: 13.841 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD063446.D
Acq: 8 Aug 2019 18:46

Instrument : MSVOA_D
ClientSampleId : AU-05-080719-A

Tgt Ion: 43 Resp: 27652

Ion	Ratio	Lower	Upper
43	100		
58	17.8	13.0	19.4

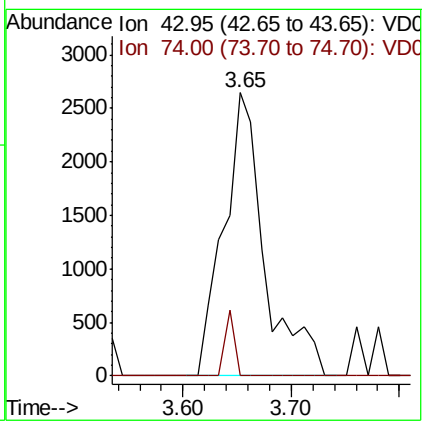


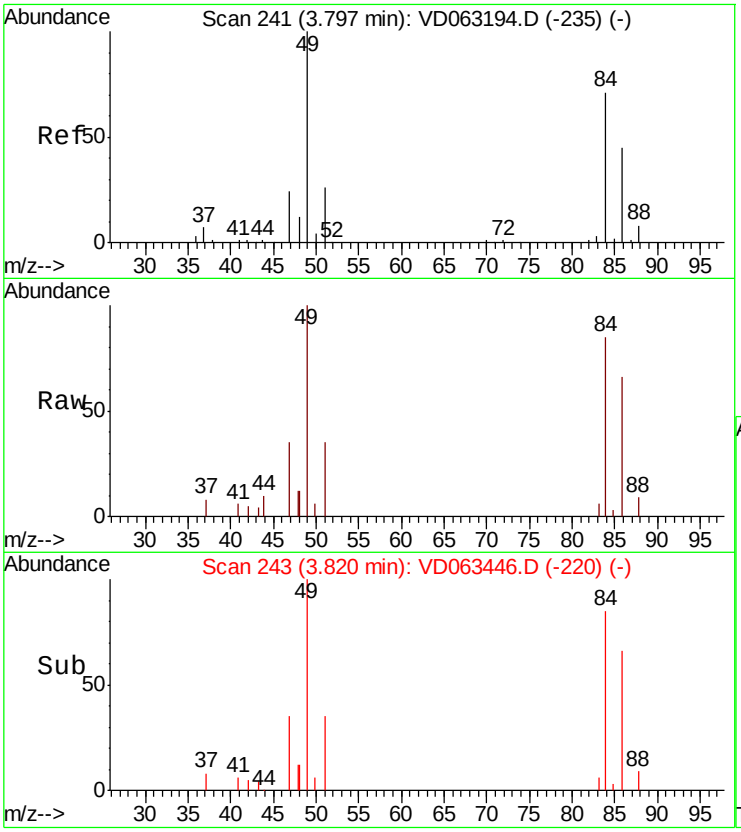


#18
Methyl Acetate
Concen: 1.807 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.02 min
Lab File: VD063446.D
Acq: 8 Aug 2019 18:46

Tgt Ion: 43 Resp: 6935

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.8	20.8#



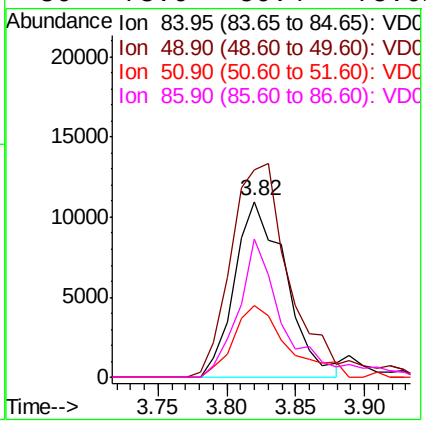


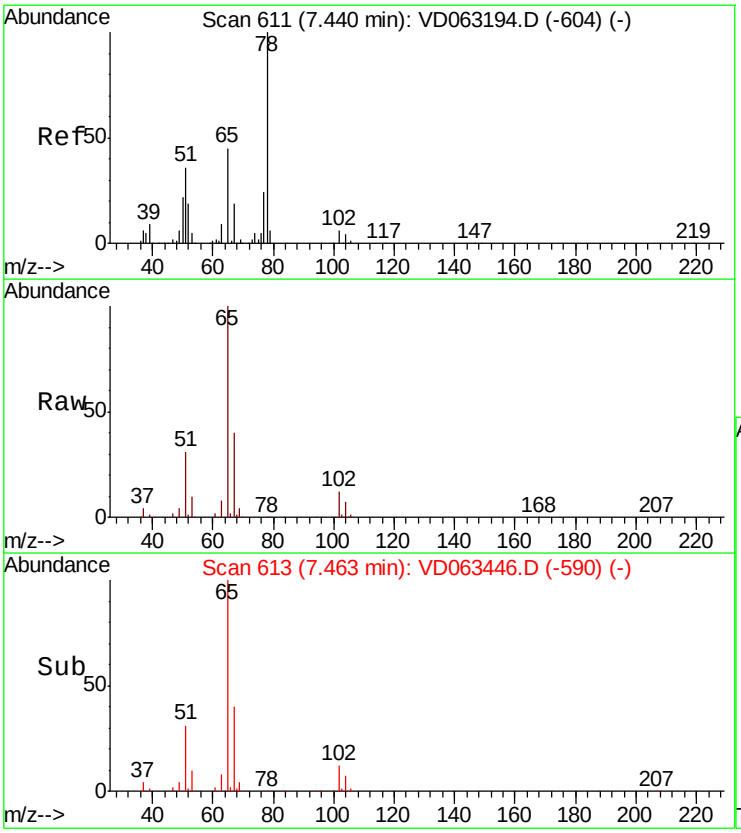
#20
Methylene Chloride
Concen: 3.538 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD063446.D
Acq: 8 Aug 2019 18:46

Instrument : MSVOA_D
ClientSampleId : AU-05-080719-A

Tgt Ion: 84 Resp: 28574

Ion	Ratio	Lower	Upper
84	100		
49	118.3	112.5	168.7
51	41.0	29.6	44.4
86	78.6	50.4	75.6#

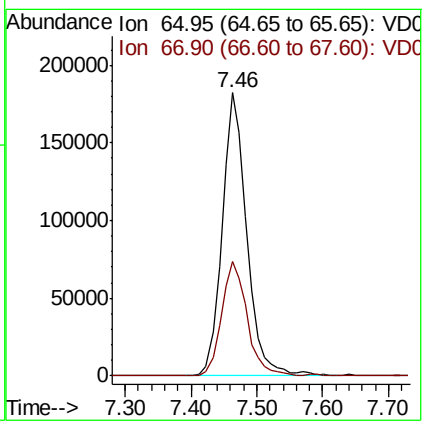


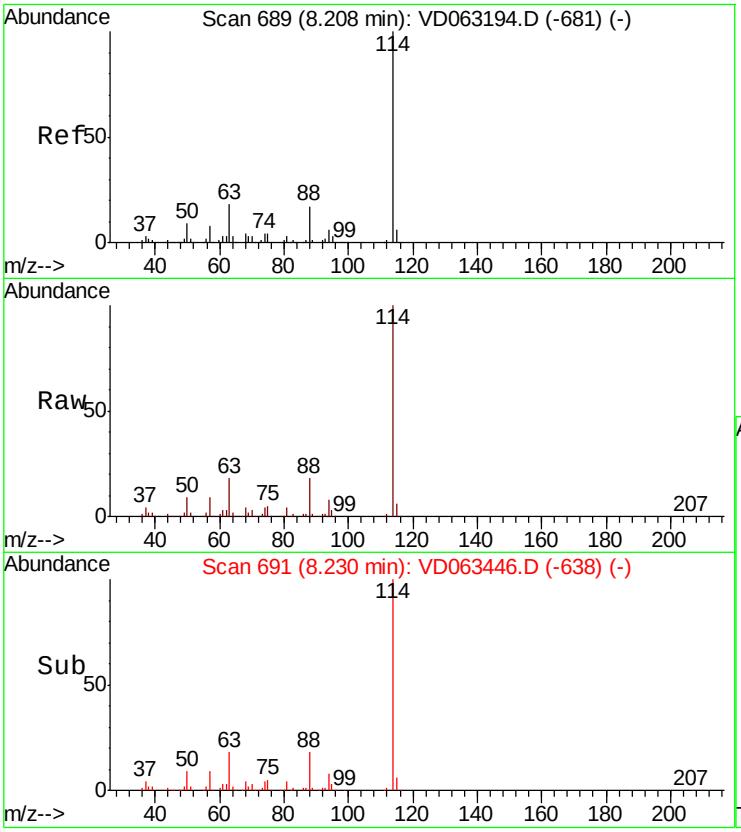


#33
1,2-Dichloroethane-d4
Concen: 46.306 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.02 min
Lab File: VD063446.D
Acq: 8 Aug 2019 18:46

Tgt Ion: 65 Resp: 474811

Ion	Ratio	Lower	Upper
65	100		
67	40.3	0.0	85.8



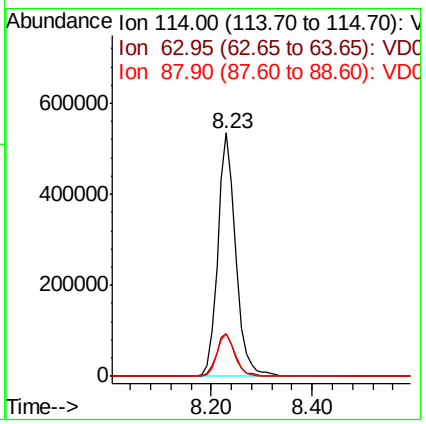


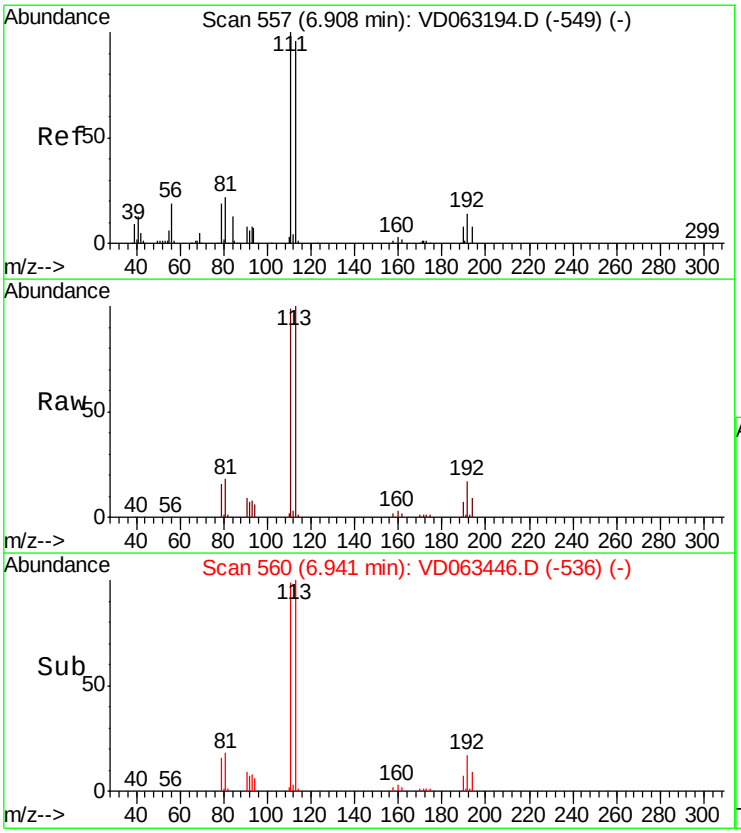
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.02 min
Lab File: VD063446.D
Acq: 8 Aug 2019 18:46

Instrument :
MSVOA_D
ClientSampleId :
AU-05-080719-A

Tgt Ion:114 Resp: 1327226

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.2
88	17.7	0.0	34.6

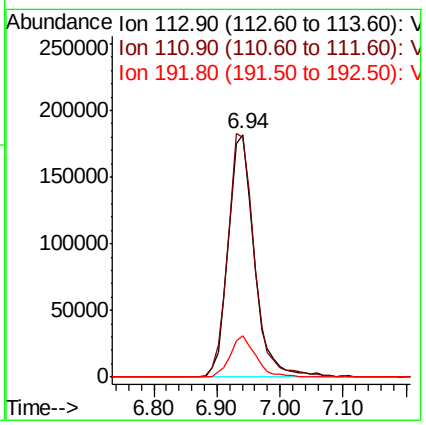


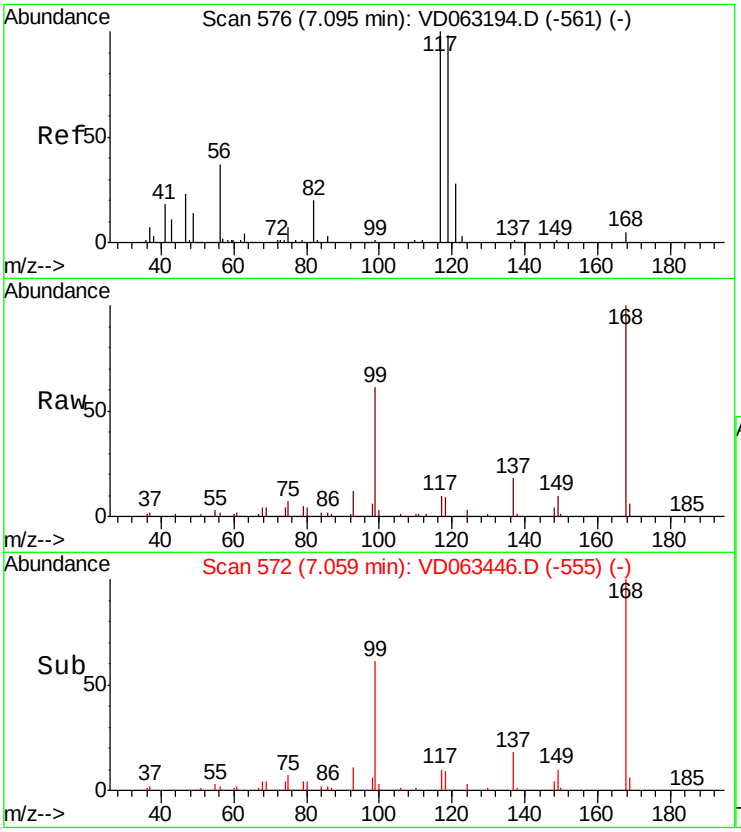


#35
Dibromofluoromethane
Concen: 45.761 ug/l
RT: 6.94 min Scan# 560
Delta R.T. 0.03 min
Lab File: VD063446.D
Acq: 8 Aug 2019 18:46

Tgt Ion:113 Resp: 518553

Ion	Ratio	Lower	Upper
113	100		
111	99.0	83.2	124.8
192	16.8	11.8	17.8



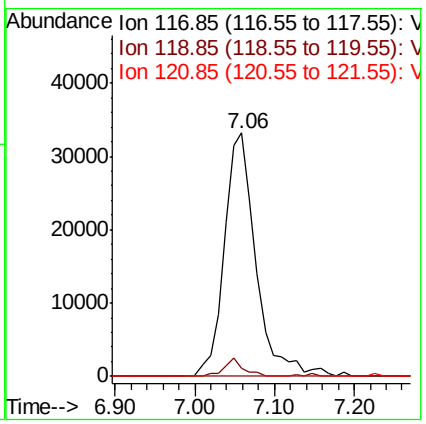


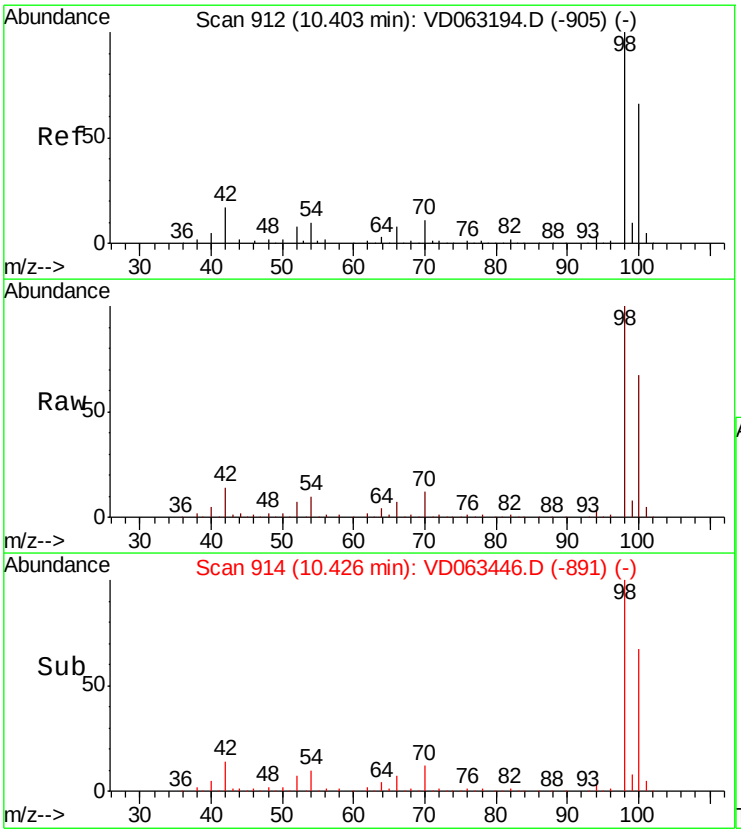
#38
Carbon Tetrachloride
Concen: 5.054 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.04 min
Lab File: VD063446.D
Acq: 8 Aug 2019 18:46

Instrument :
MSVOA_D
ClientSampleId :
AU-05-080719-A

Tgt Ion:117 Resp: 92160

Ion	Ratio	Lower	Upper
117	100		
119	3.5	78.2	117.2#
121	0.0	22.1	33.1#

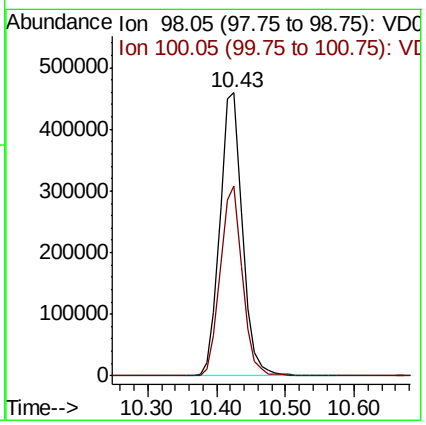


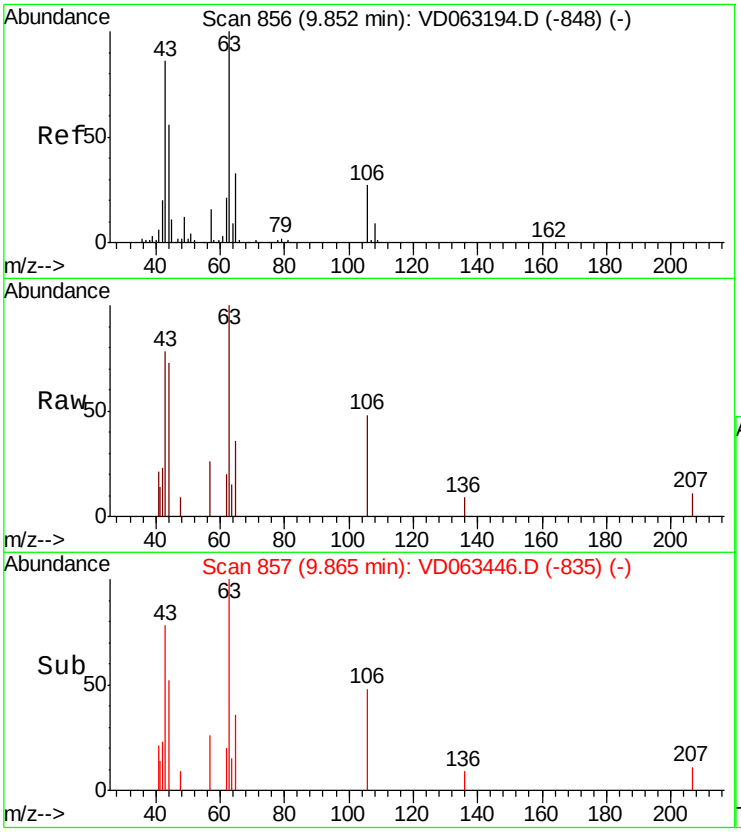


#50
Toluene-d8
Concen: 40.955 ug/l
RT: 10.43 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD063446.D
Acq: 8 Aug 2019 18:46

Tgt Ion: 98 Resp: 1038629

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.2	79.8



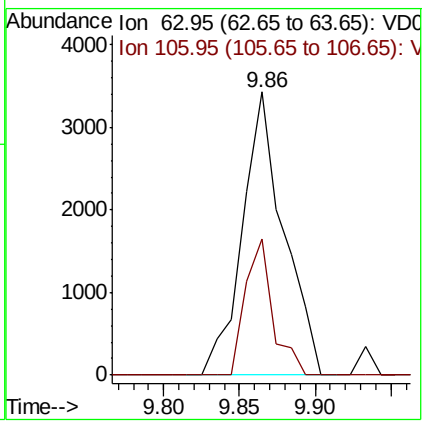


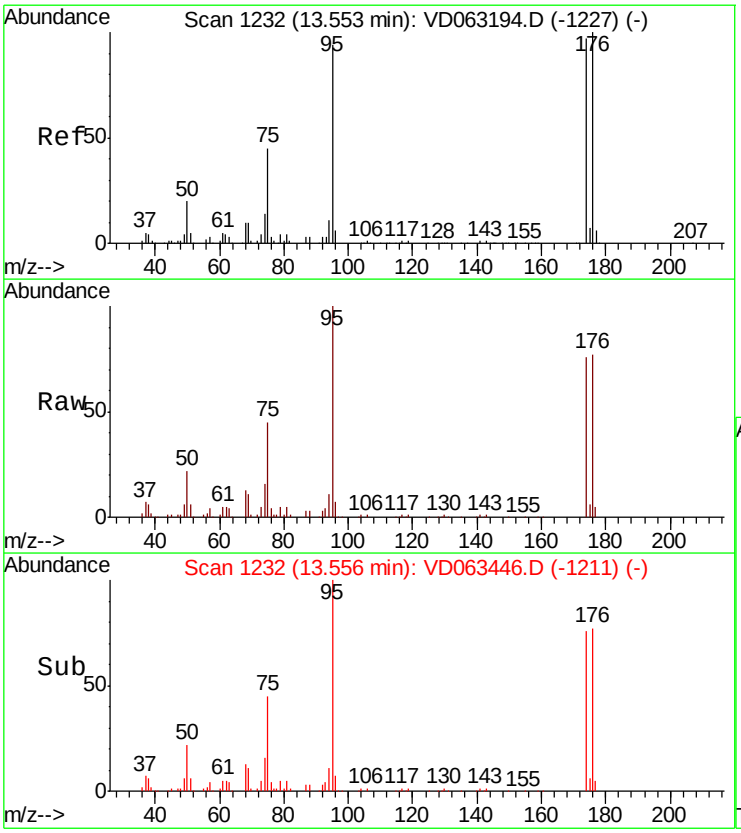
#58
2-Chloroethyl Vinyl ether
Concen: 2.008 ug/l
RT: 9.86 min Scan# 857
Delta R.T. 0.01 min
Lab File: VD063446.D
Acq: 8 Aug 2019 18:46

Instrument :
MSVOA_D
ClientSampleId :
AU-05-080719-A

Tgt Ion: 63 Resp: 6525

Ion	Ratio	Lower	Upper
63	100		
106	48.0	22.0	33.0#

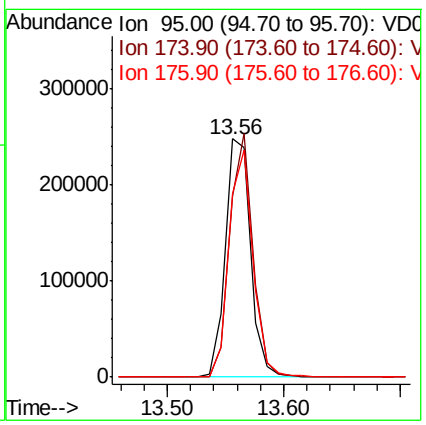


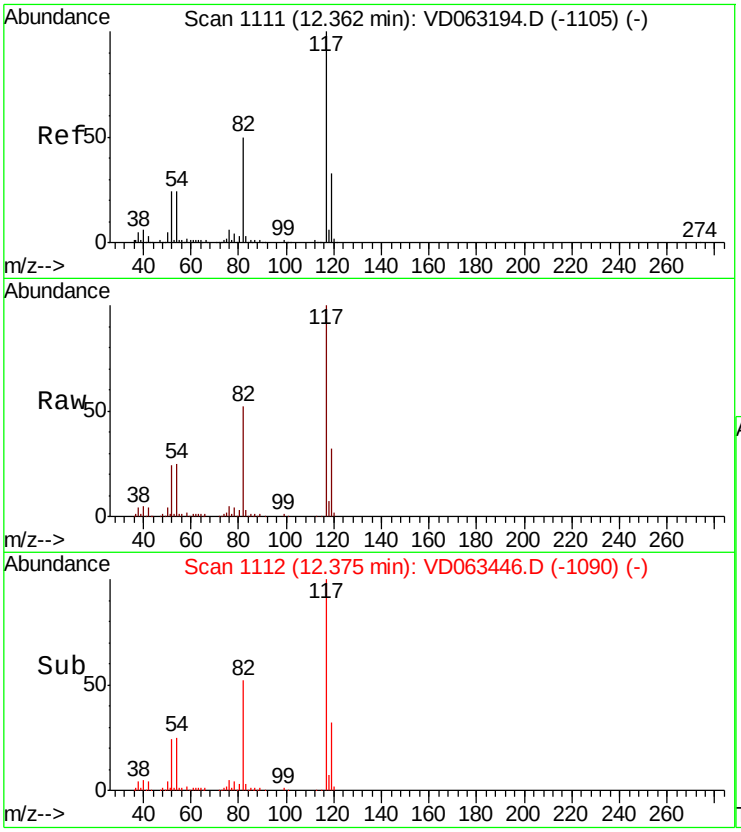


#62
4-Bromofluorobenzene
Concen: 32.269 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063446.D
Acq: 8 Aug 2019 18:46

Tgt Ion: 95 Resp: 372921

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	205.4
176	76.8	0.0	211.8



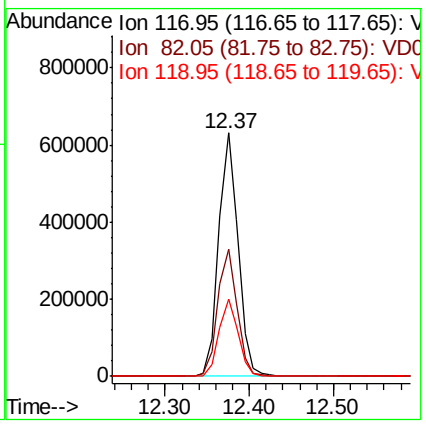


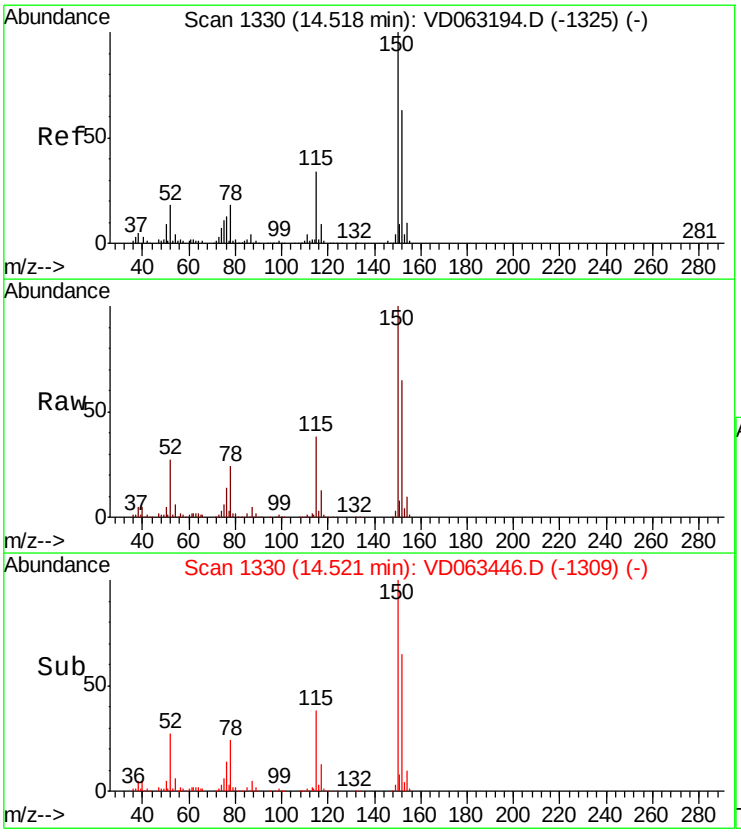
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063446.D
Acq: 8 Aug 2019 18:46

Instrument : MSVOA_D
ClientSampleId : AU-05-080719-A

Tgt Ion:117 Resp: 1012004

Ion	Ratio	Lower	Upper
117	100		
82	52.4	40.1	60.1
119	31.7	26.5	39.7

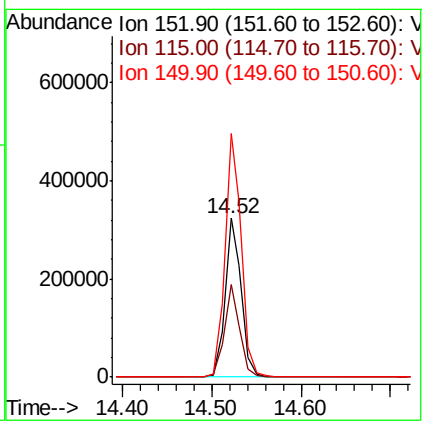


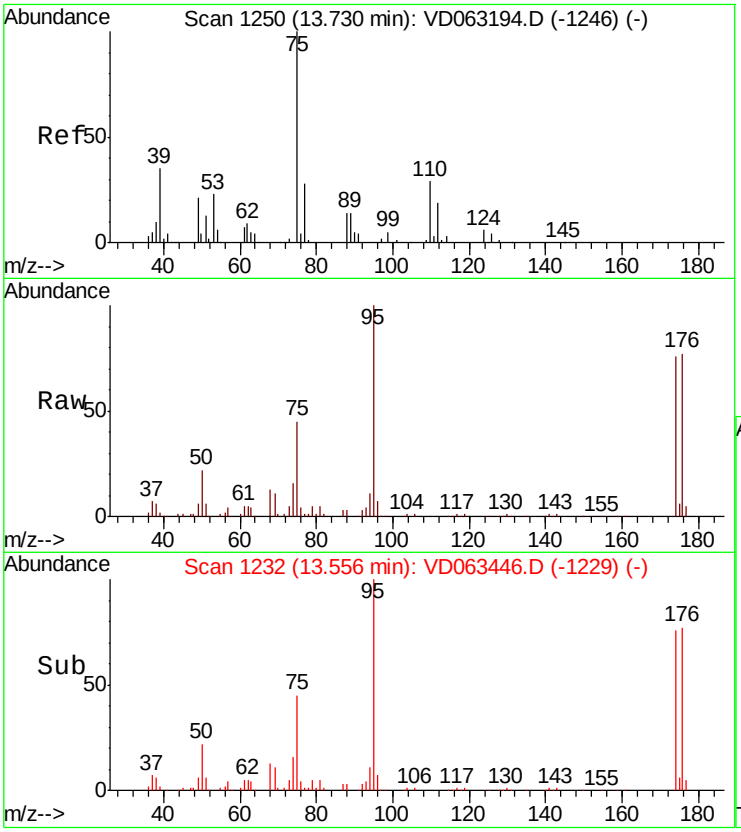


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063446.D
Acq: 8 Aug 2019 18:46

Tgt Ion:152 Resp: 413181

Ion	Ratio	Lower	Upper
152	100		
115	57.9	27.5	82.4
150	153.0	0.0	320.6



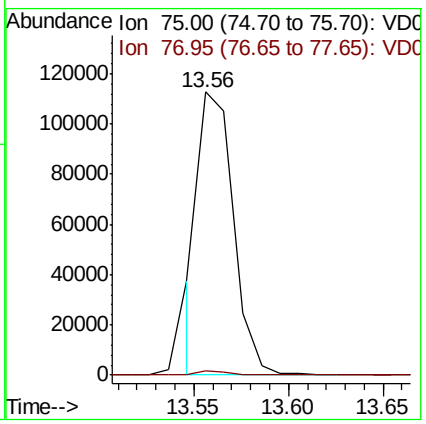


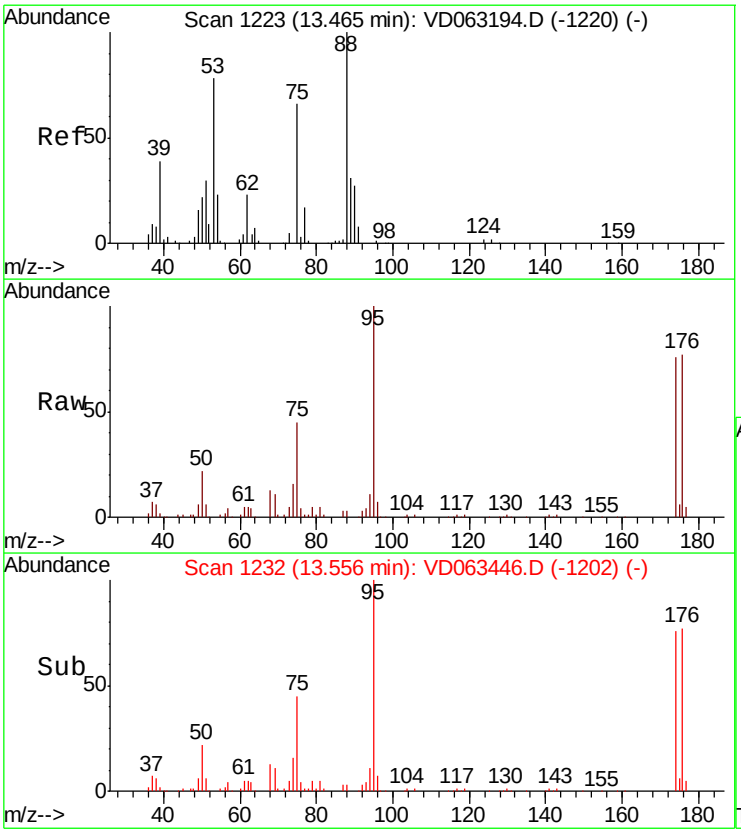
#76
1,2,3-Trichloropropane
Concen: 29.512 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.17 min
Lab File: VD063446.D
Acq: 8 Aug 2019 18:46

Instrument :
MSVOA_D
ClientSampleId :
AU-05-080719-A

Tgt Ion: 75 Resp: 146465

Ion	Ratio	Lower	Upper
75	100		
77	1.7	16.0	48.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 123.231 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.09 min
Lab File: VD063446.D
Acq: 8 Aug 2019 18:46

Tgt Ion: 75 Resp: 169822

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