Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080519\
Data File : VD063386.D
Acq On : 5 Aug 2019 17:44
Operator : VA/AP
Sample : K4130-15RE
Misc : 6.21g/5ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 1S-L-(0-1)RE

Quant Time: Aug 06 07:51:19 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	34449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	53805	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	57090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	30474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	31384	82.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 164.20%			
35) Dibromofluoromethane	6.91	113	25059	54.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.10%			
50) Toluene-d8	10.41	98	49044	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.40%			
62) 4-Bromofluorobenzene	13.55	95	26428	56.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.82%			
Target Compounds						Qvalue
3) Chloromethane	1.73	50	539	1.647	ug/l #	46
5) Bromomethane	2.11	94	2192	12.833	ug/l #	12
6) Chloroethane	2.27	64	201	1.285	ug/l #	1
8) Diethyl Ether	2.79	74	223	2.425	ug/l	67
11) Tert butyl alcohol	4.09	59	253	15.082	ug/l #	69
12) 1,1-Dichloroethene	3.09	96	288	1.078	ug/l #	1
13) Acrolein	2.98	56	213	13.194	ug/l #	15
15) Acrylonitrile	4.22	53	182	4.185	ug/l #	14
16) Acetone	3.21	43	6255	83.987	ug/l #	90
18) Methyl Acetate	3.61	43	203	1.419	ug/l #	60
20) Methylene Chloride	3.80	84	3771	12.527	ug/l #	62
25) 2-Butanone	6.12	43	2948	39.442	ug/l #	56
26) 2,2-Dichloropropane	6.15	77	1274	2.276	ug/l #	56
29) Tetrahydrofuran	6.07	42	220	6.217	ug/l #	33
37) Ethyl Acetate	6.12	43	2948	13.363	ug/l #	70
38) Carbon Tetrachloride	7.03	117	4262	5.765	ug/l #	11
51) 4-Methyl-2-Pentanone	10.35	43	228	1.190	ug/l #	42
59) 2-Hexanone	11.54	43	709	5.134	ug/l #	31
81) trans-1,4-Dichloro-2-buten	13.56	75	13994	137.683	ug/l #	3
95) Naphthalene	16.12	128	1333	1.414	ug/l #	70

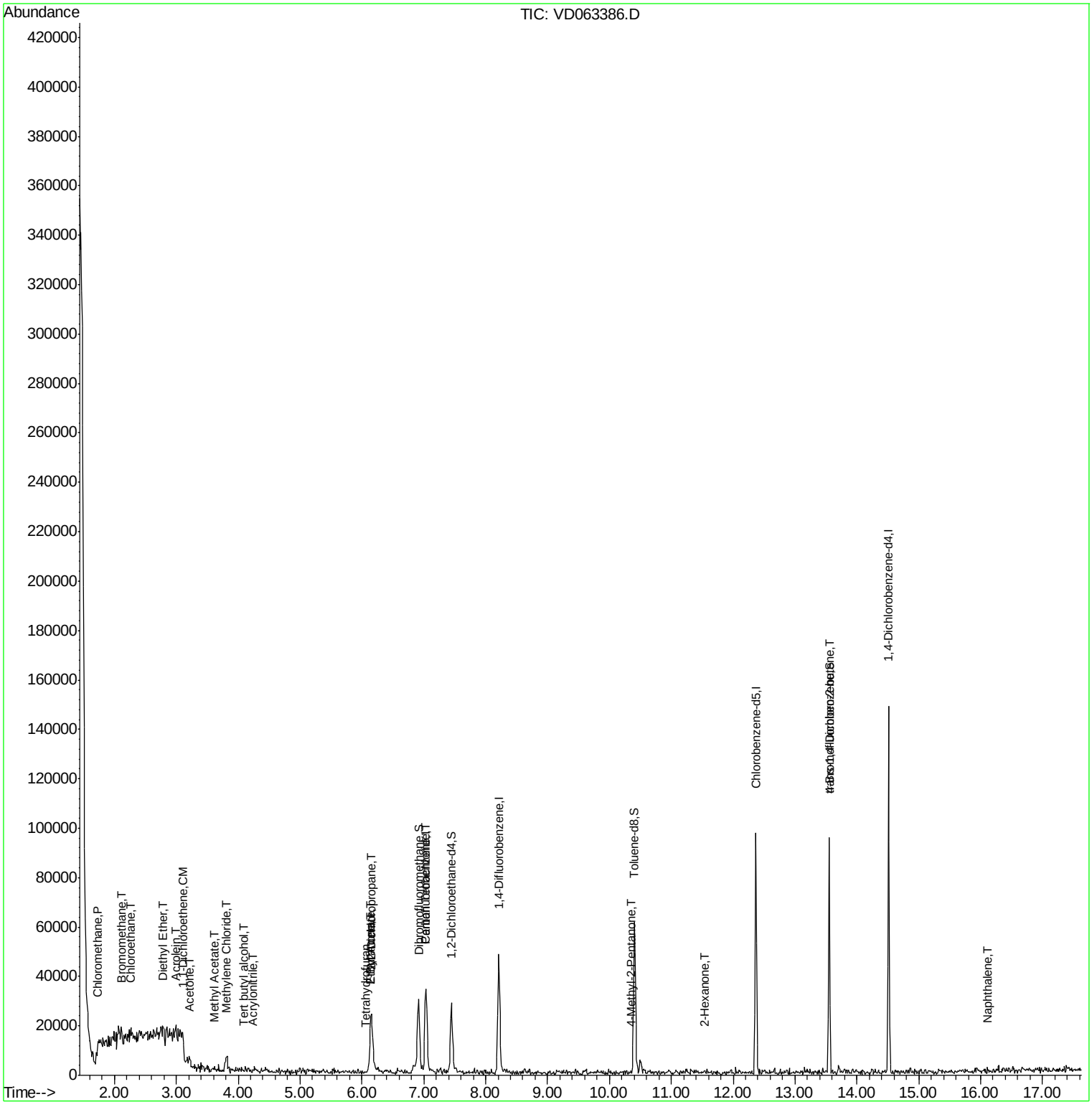
(#) = qualifier out of range (m) = manual integration (+) = signals summed

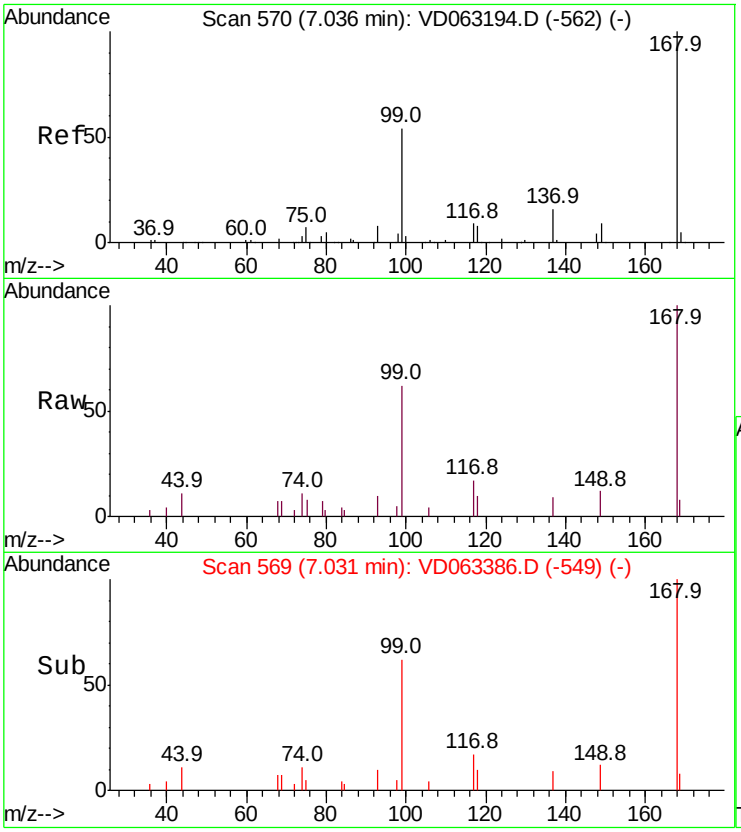
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080519\
Data File : VD063386.D
Acq On : 5 Aug 2019 17:44
Operator : VA/AP
Sample : K4130-15RE
Misc : 6.21g/5ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1S-L-(0-1)RE

Quant Time: Aug 06 07:51:19 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



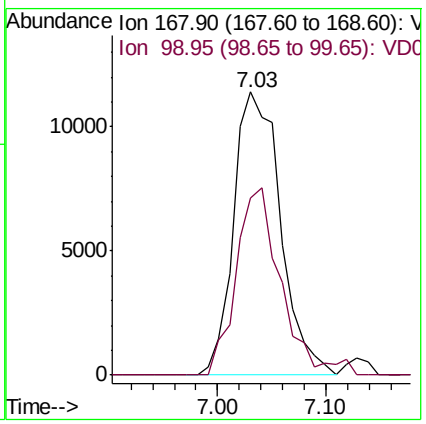


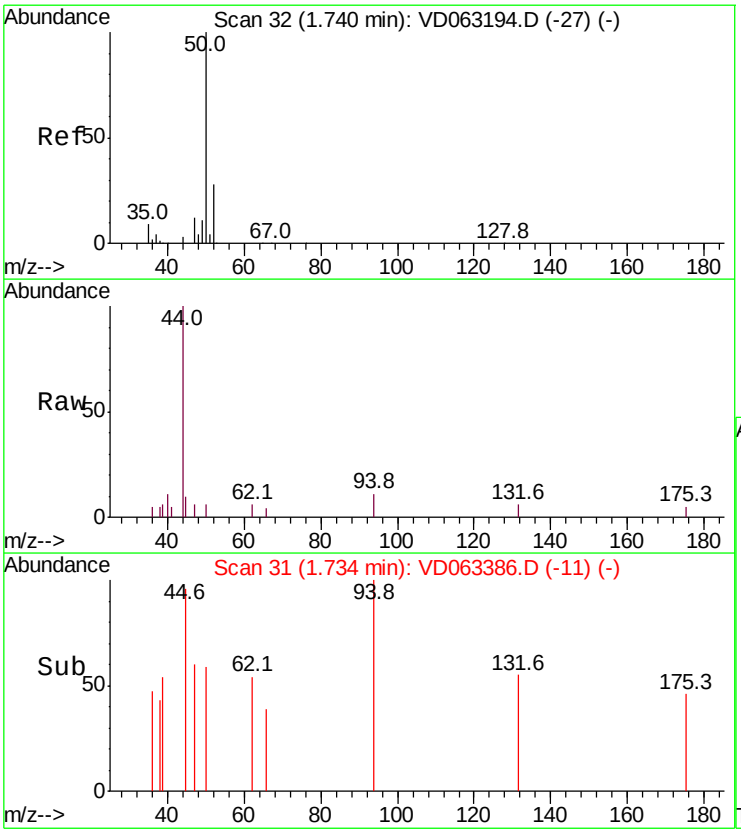
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.01 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Instrument :
MSVOA_D
ClientSampleId :
1S-L-(0-1)RE

Tgt Ion:168 Resp: 34449

Ion	Ratio	Lower	Upper
168	100		
99	62.5	43.7	65.5

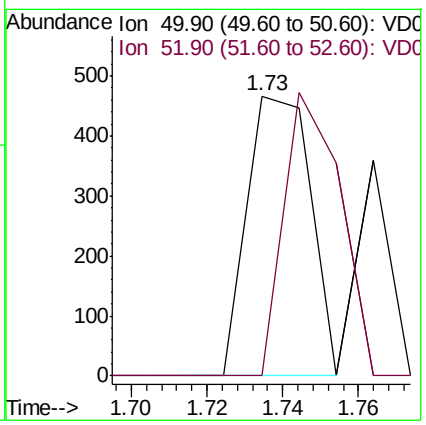


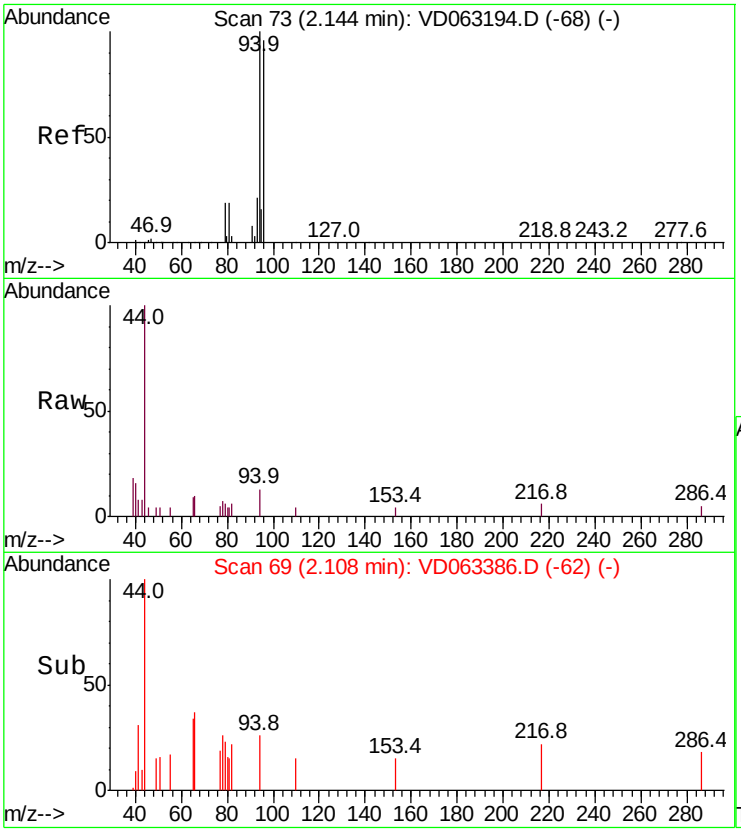


#3
Chloromethane
Concen: 1.647 ug/l
RT: 1.73 min Scan# 31
Delta R.T. -0.01 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Tgt Ion: 50 Resp: 539

Ion	Ratio	Lower	Upper
50	100		
52	0.0	22.6	34.0#



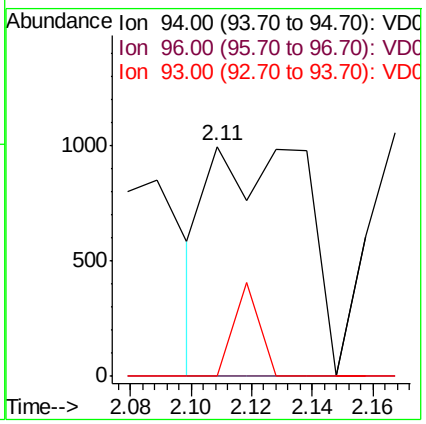


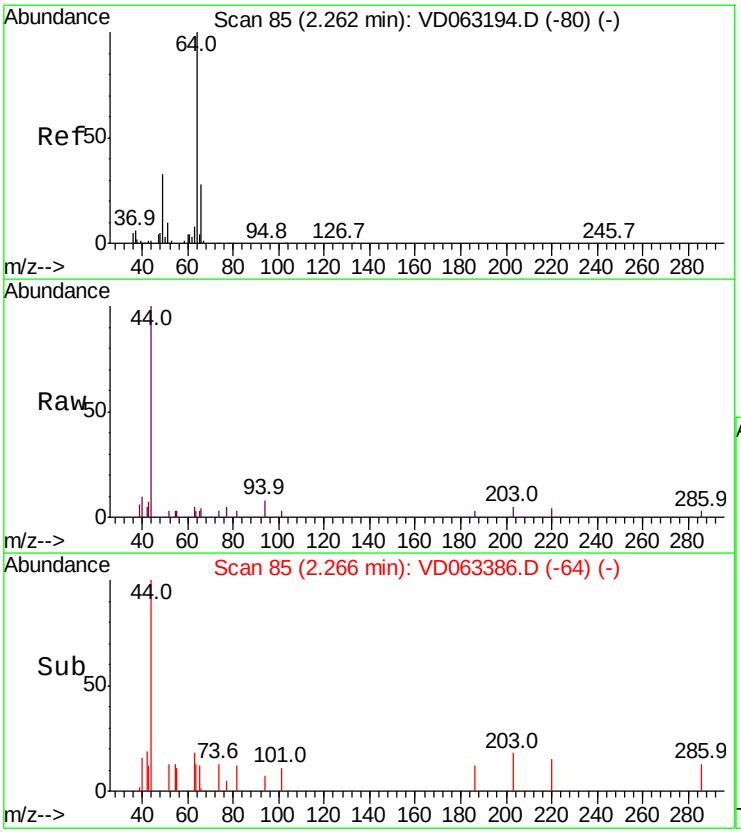
#5
Bromomethane
Concen: 12.833 ug/l
RT: 2.11 min Scan# 69
Delta R.T. -0.04 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Instrument :
MSVOA_D
ClientSampleId :
1S-L-(0-1)RE

Tgt Ion: 94 Resp: 2192

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.4	114.6#
93	0.0	17.3	25.9#

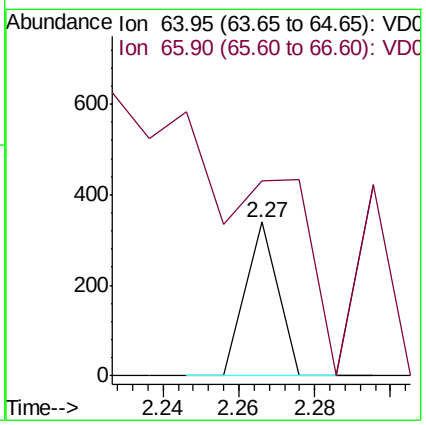


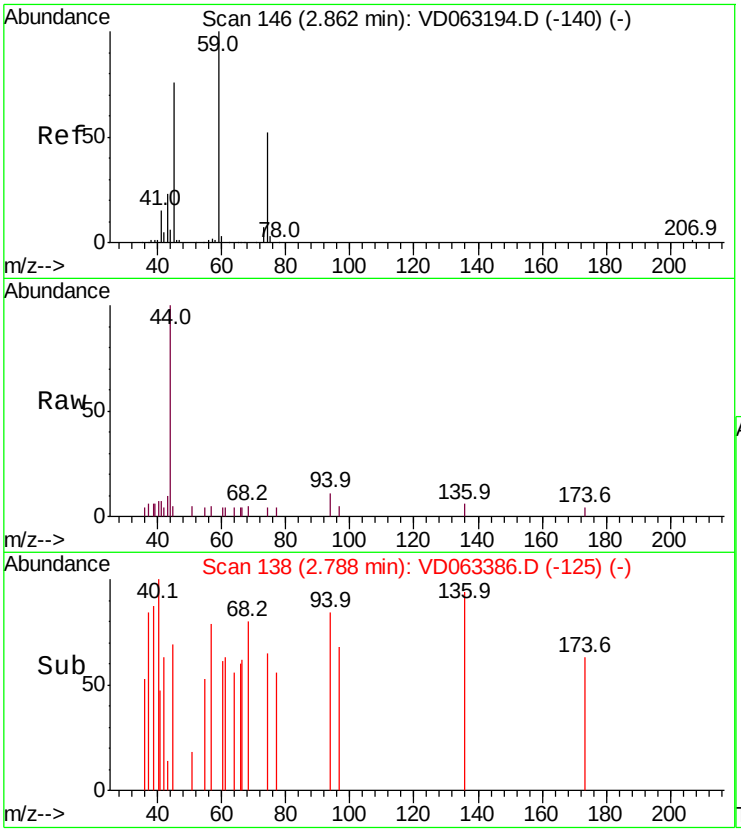


#6
Chloroethane
Concen: 1.285 ug/l
RT: 2.27 min Scan# 85
Delta R.T. 0.00 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Tgt Ion: 64 Resp: 201

Ion	Ratio	Lower	Upper
64	100		
66	127.1	22.2	33.2#



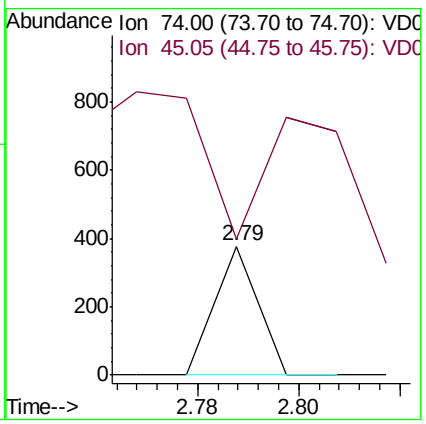


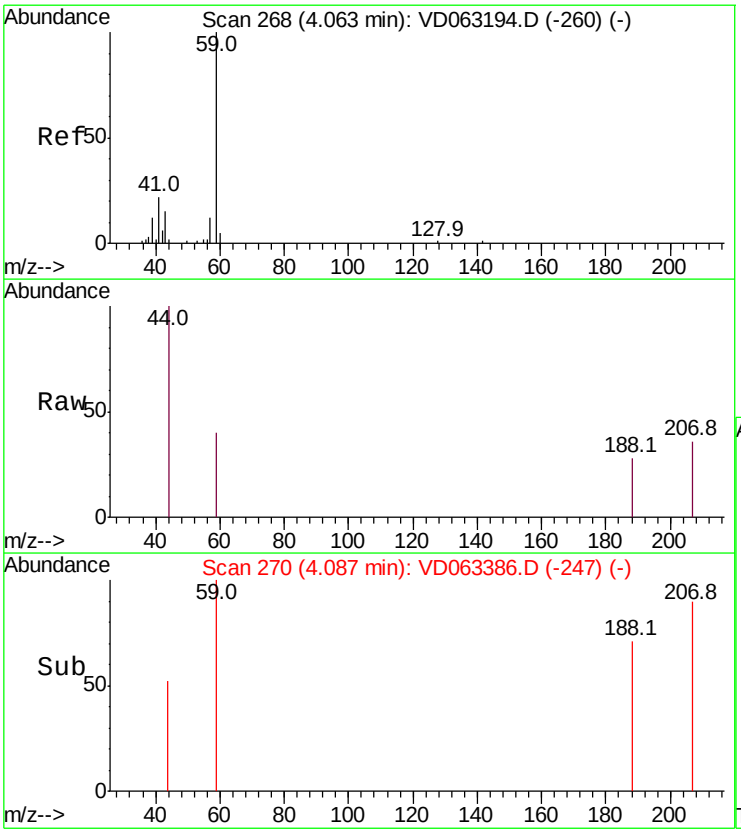
#8
Diethyl Ether
Concen: 2.425 ug/l
RT: 2.79 min Scan# 138
Delta R.T. -0.07 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Instrument :
MSVOA_D
ClientSampleId :
1S-L-(0-1)RE

Tgt Ion: 74 Resp: 223

Ion	Ratio	Lower	Upper
74	100		
45	105.8	73.6	220.8

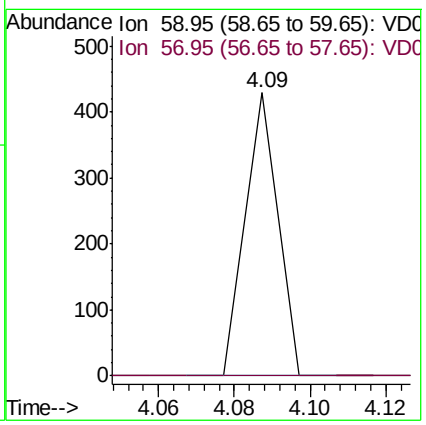


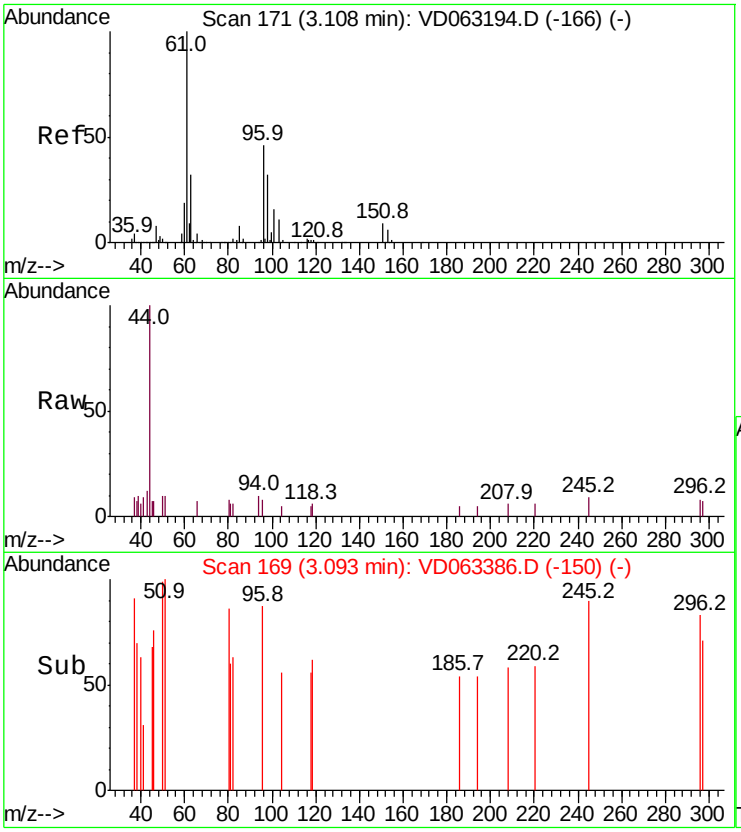


#11
Tert butyl alcohol
Concen: 15.082 ug/l
RT: 4.09 min Scan# 270
Delta R.T. 0.02 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Tgt Ion: 59 Resp: 253

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.6	14.4#



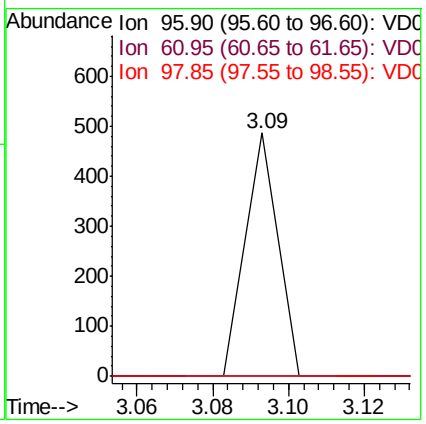


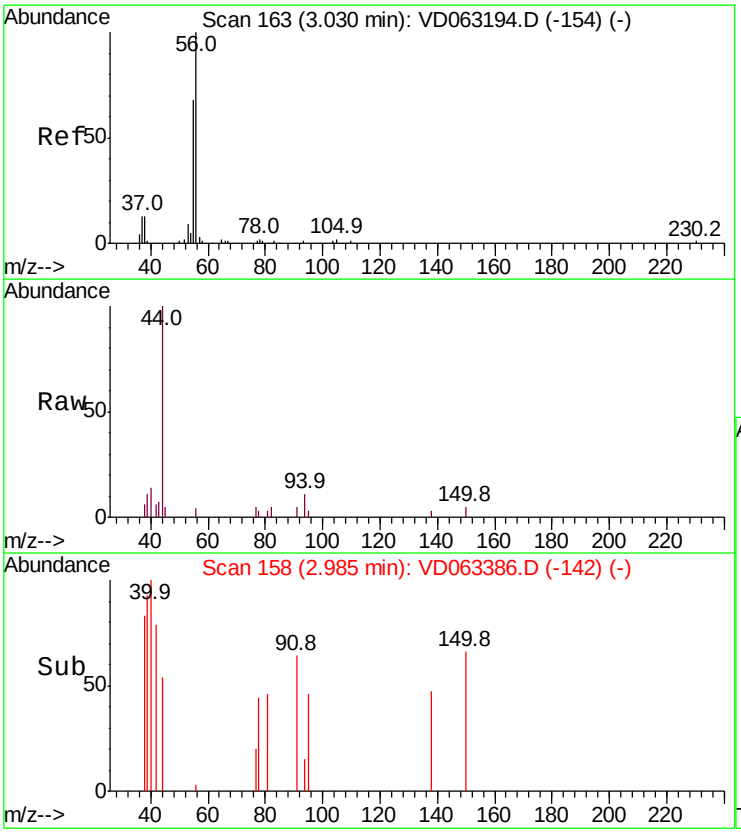
#12
1,1-Dichloroethene
Concen: 1.078 ug/l
RT: 3.09 min Scan# 169
Delta R.T. -0.02 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Instrument :
MSVOA_D
ClientSampleId :
1S-L-(0-1)RE

Tgt Ion: 96 Resp: 288

Ion	Ratio	Lower	Upper
96	100		
61	0.0	173.7	260.5#
98	0.0	55.8	83.8#

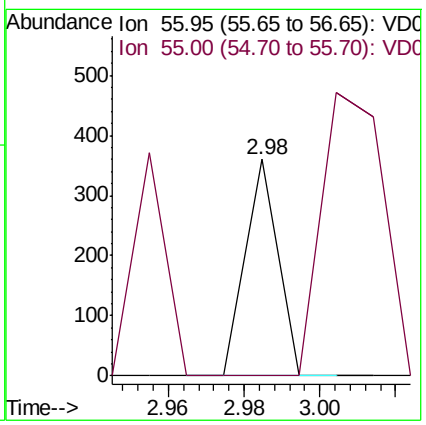


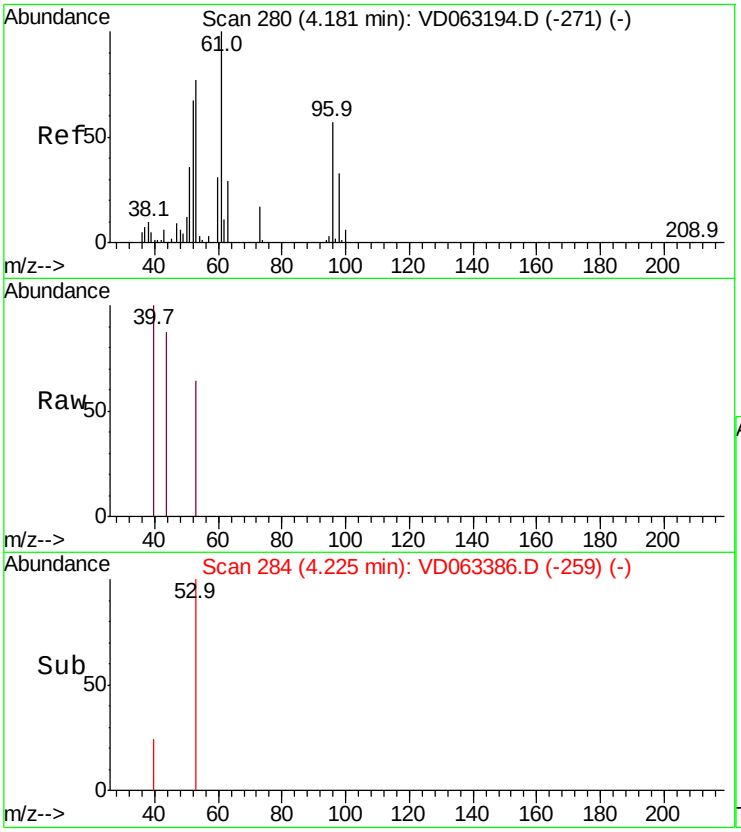


#13
Acrolein
Concen: 13.194 ug/l
RT: 2.98 min Scan# 158
Delta R.T. -0.04 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Tgt Ion: 56 Resp: 213

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.3	82.9#



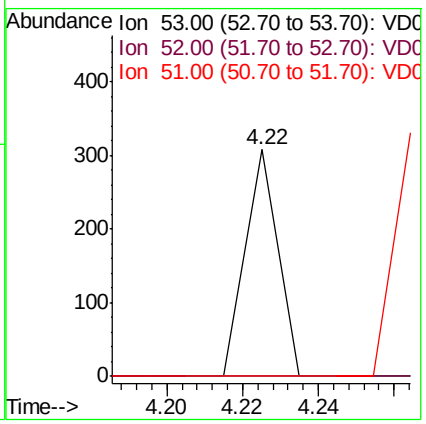


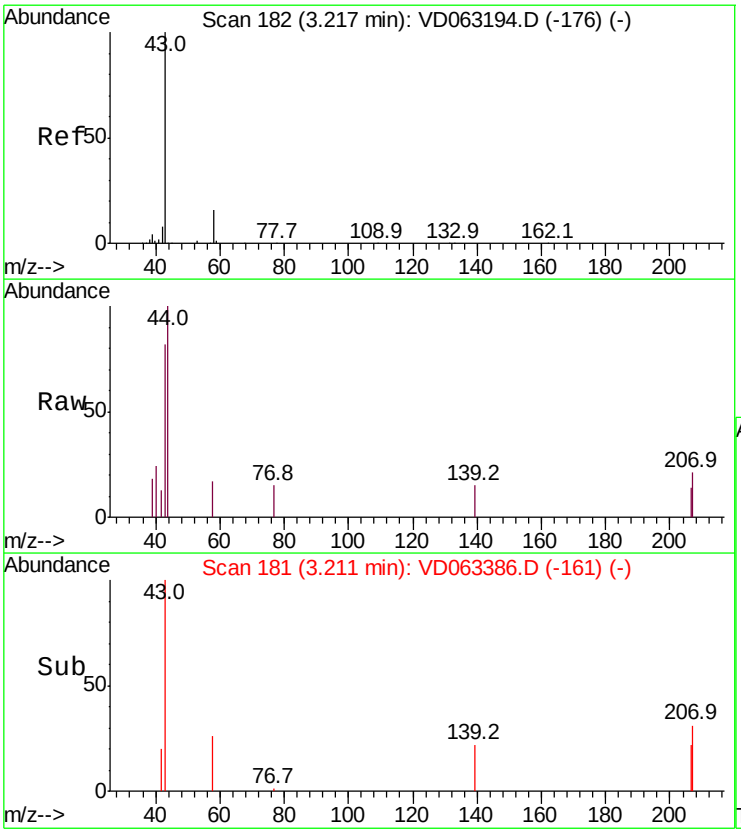
#15
Acrylonitrile
Concen: 4.185 ug/l
RT: 4.22 min Scan# 284
Delta R.T. 0.04 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Instrument : MSVOA_D
ClientSampleId : 1S-L-(0-1)RE

Tgt Ion: 53 Resp: 182

Ion	Ratio	Lower	Upper
53	100		
52	0.0	69.7	104.5#
51	0.0	37.4	56.0#

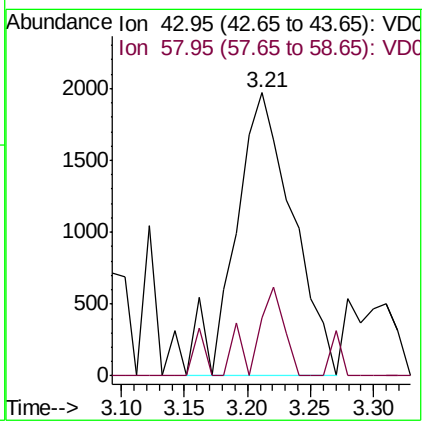


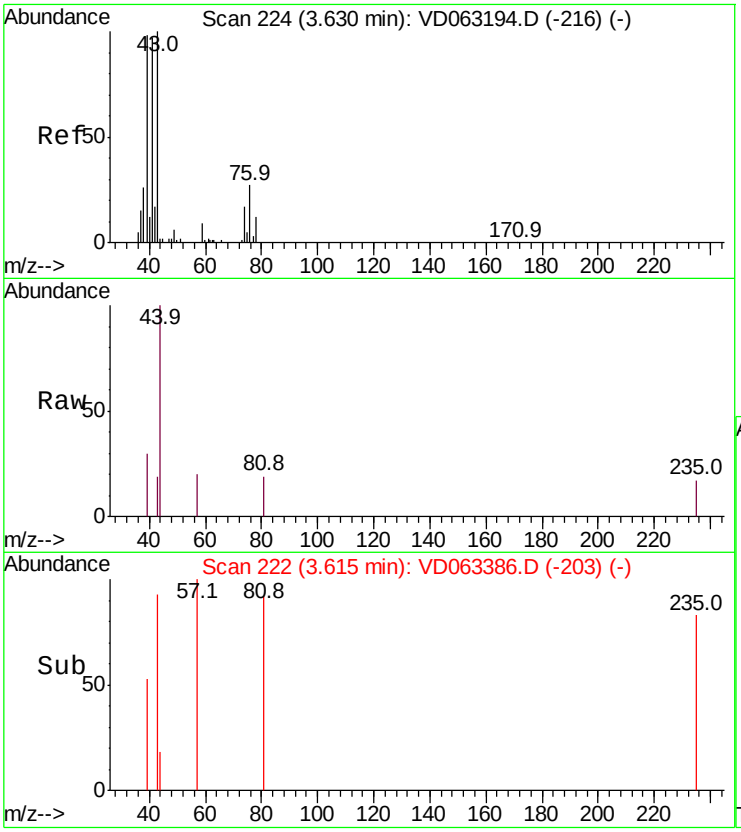


#16
Acetone
Concen: 83.987 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.01 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Tgt Ion: 43 Resp: 6255

Ion	Ratio	Lower	Upper
43	100		
58	20.4	13.0	19.4#



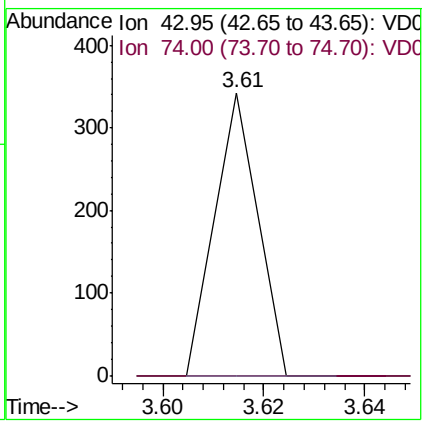


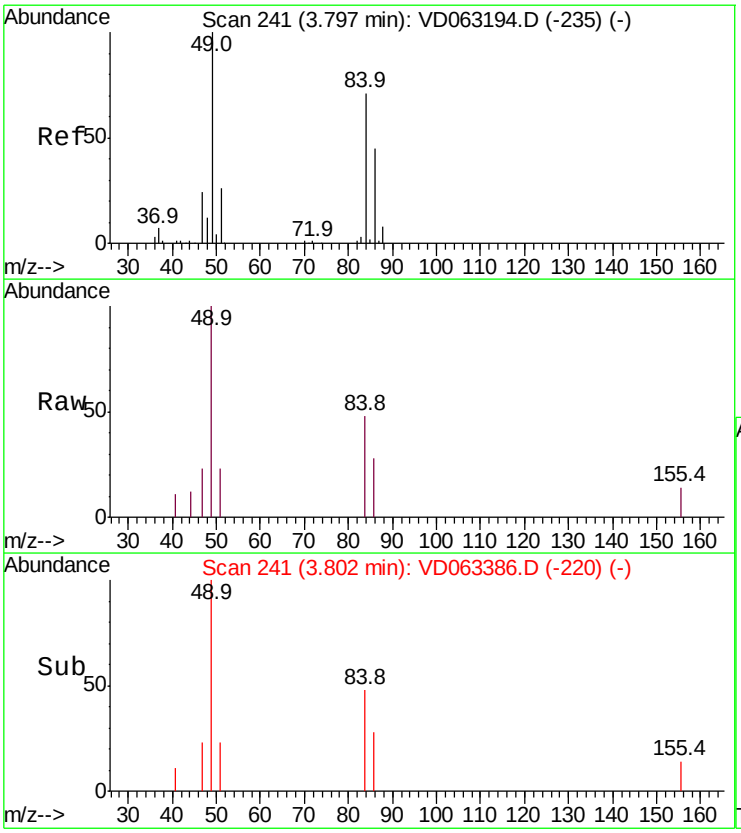
#18
Methyl Acetate
Concen: 1.419 ug/l
RT: 3.61 min Scan# 222
Delta R.T. -0.02 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Instrument : MSVOA_D
ClientSampleId : 1S-L-(0-1)RE

Tgt Ion: 43 Resp: 203

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.8	20.8#

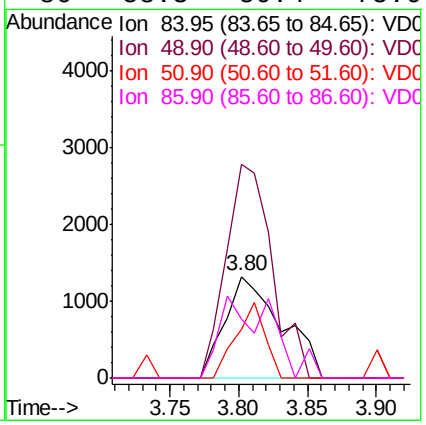


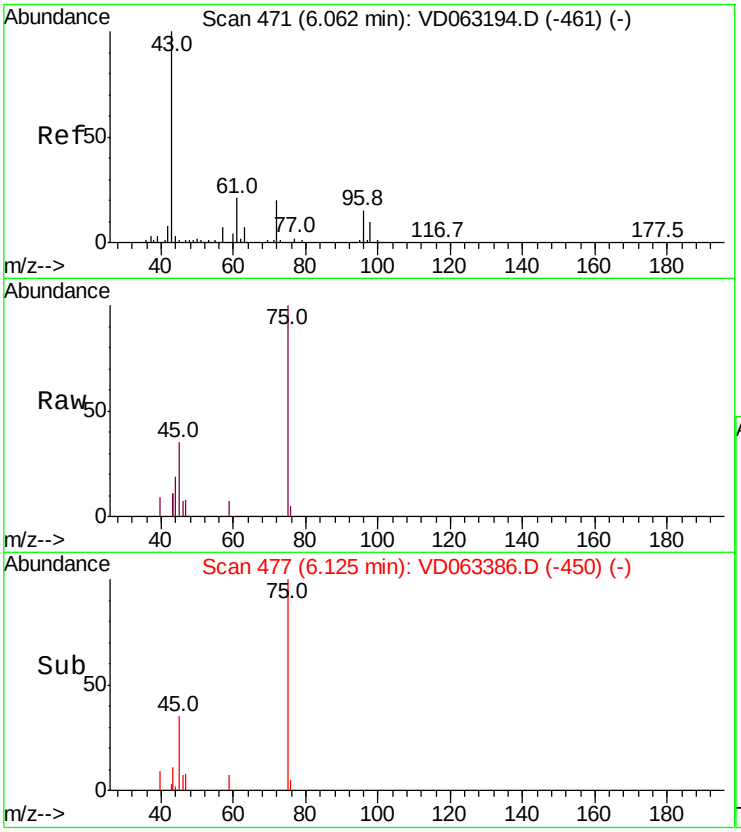


#20
Methylene Chloride
Concen: 12.527 ug/l
RT: 3.80 min Scan# 241
Delta R.T. 0.00 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Tgt Ion: 84 Resp: 3771

Ion	Ratio	Lower	Upper
84	100		
49	210.5	112.5	168.7#
51	47.4	29.6	44.4#
86	58.3	50.4	75.6



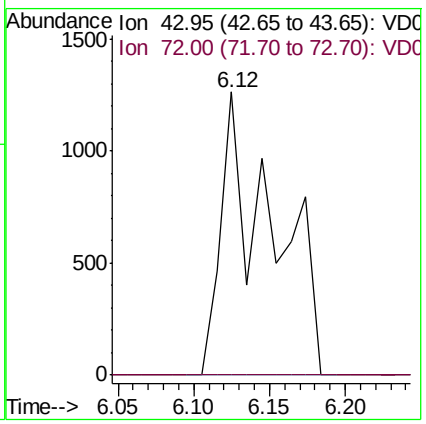


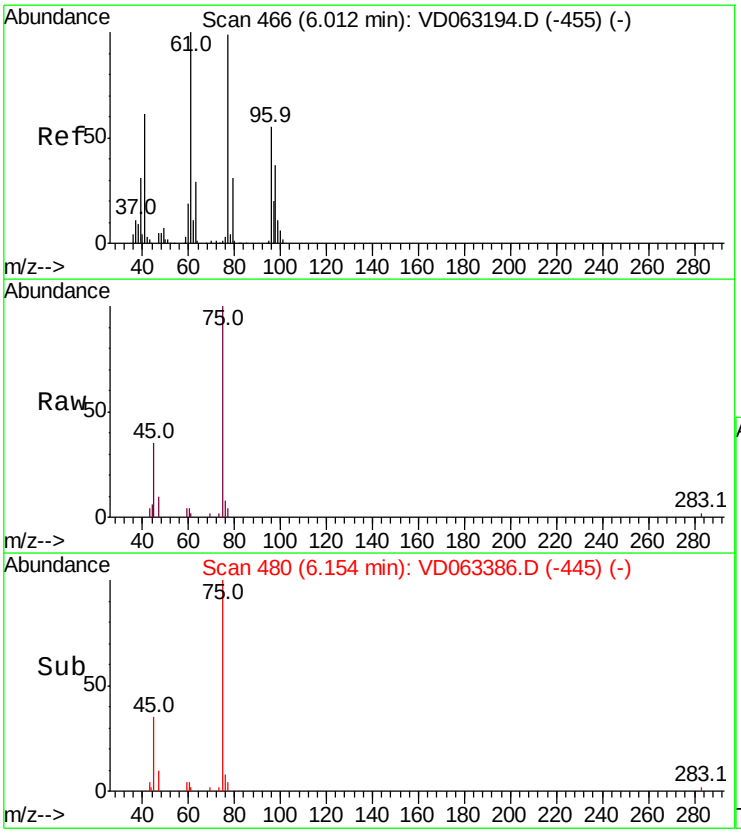
#25
2-Butanone
Concen: 39.442 ug/l
RT: 6.12 min Scan# 477
Delta R.T. 0.06 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Instrument : MSVOA_D
ClientSampleId : 1S-L-(0-1)RE

Tgt Ion: 43 Resp: 2948

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.3	24.5#

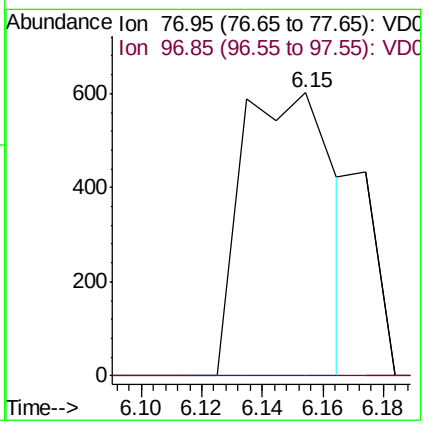


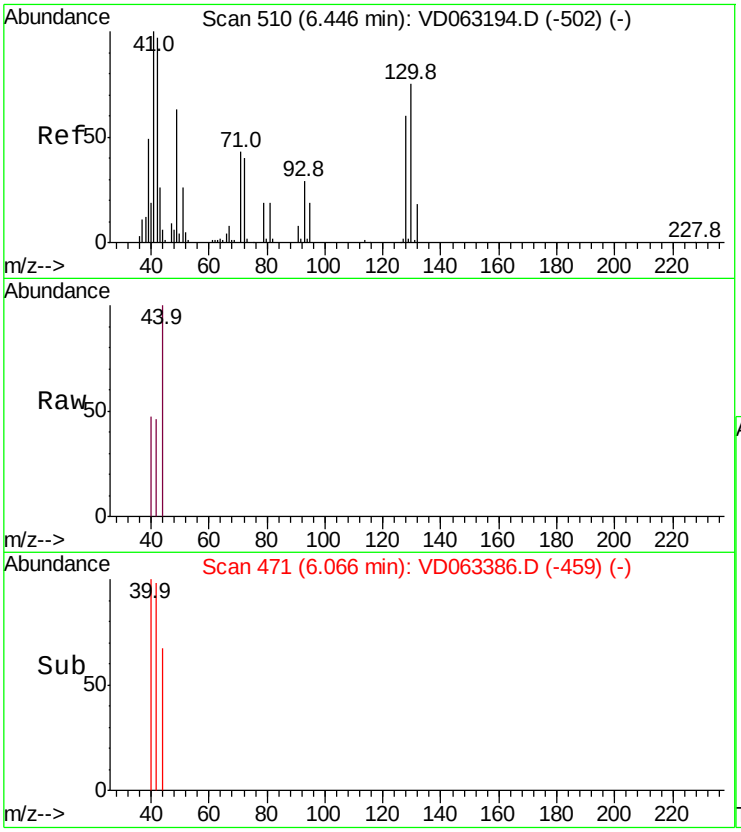


#26
2,2-Dichloropropane
Concen: 2.276 ug/l
RT: 6.15 min Scan# 480
Delta R.T. 0.14 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Tgt Ion: 77 Resp: 1274

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.2	30.6#



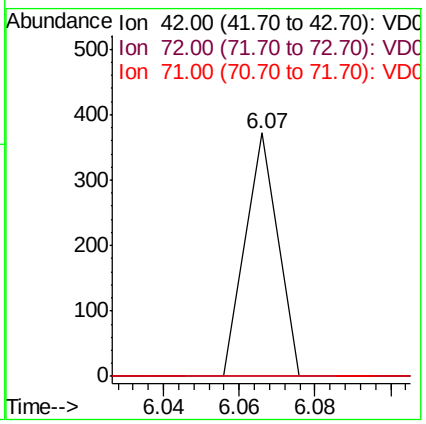


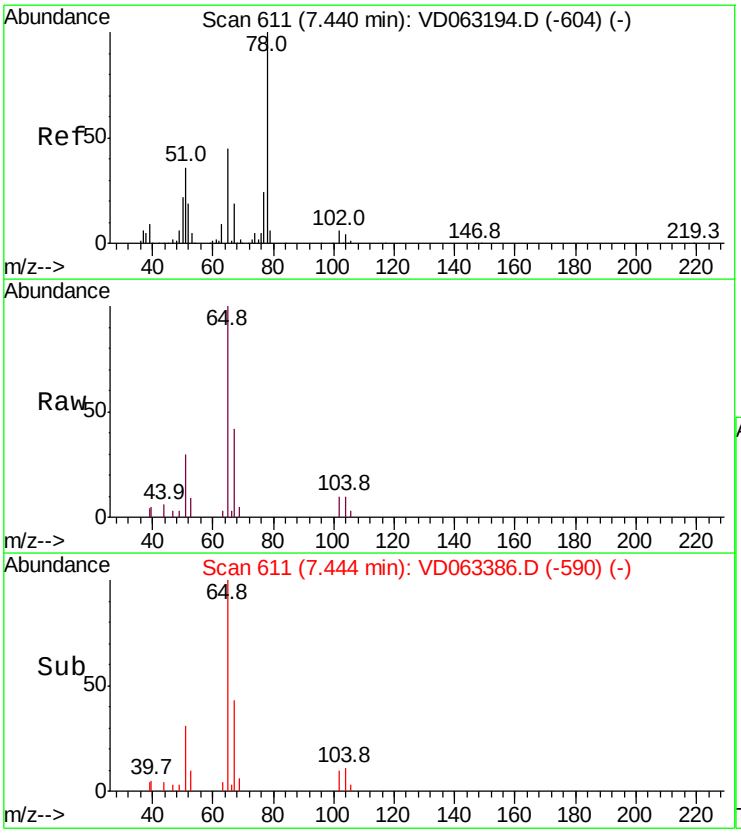
#29
Tetrahydrofuran
Concen: 6.217 ug/l
RT: 6.07 min Scan# 471
Delta R.T. -0.38 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Instrument :
MSVOA_D
ClientSampleId :
1S-L-(0-1)RE

Tgt Ion: 42 Resp: 220

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.4	50.2#
71	0.0	35.7	53.5#

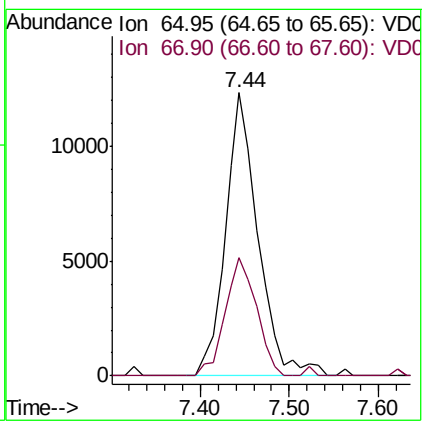


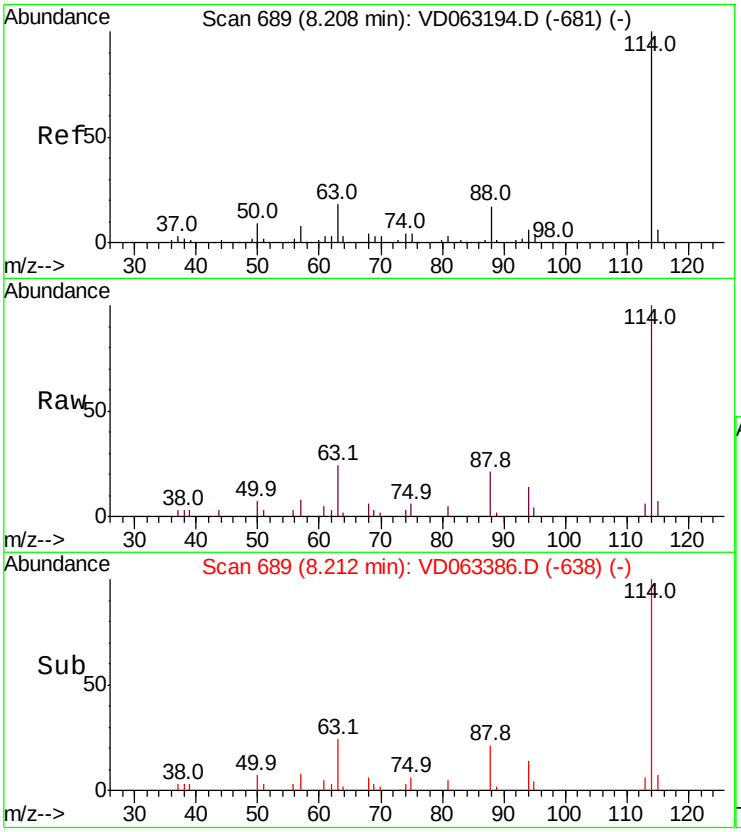


#33
1,2-Dichloroethane-d4
Concen: 82.105 ug/l
RT: 7.44 min Scan# 611
Delta R.T. 0.00 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Tgt Ion: 65 Resp: 31384

Ion	Ratio	Lower	Upper
65	100		
67	41.8	0.0	85.8



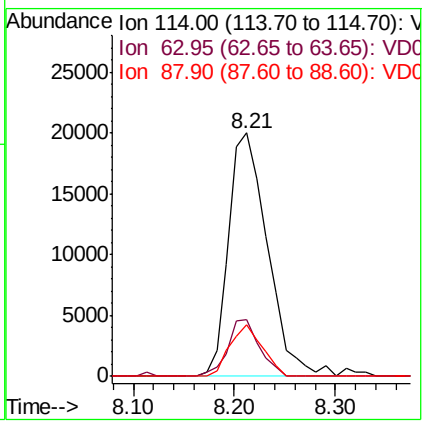


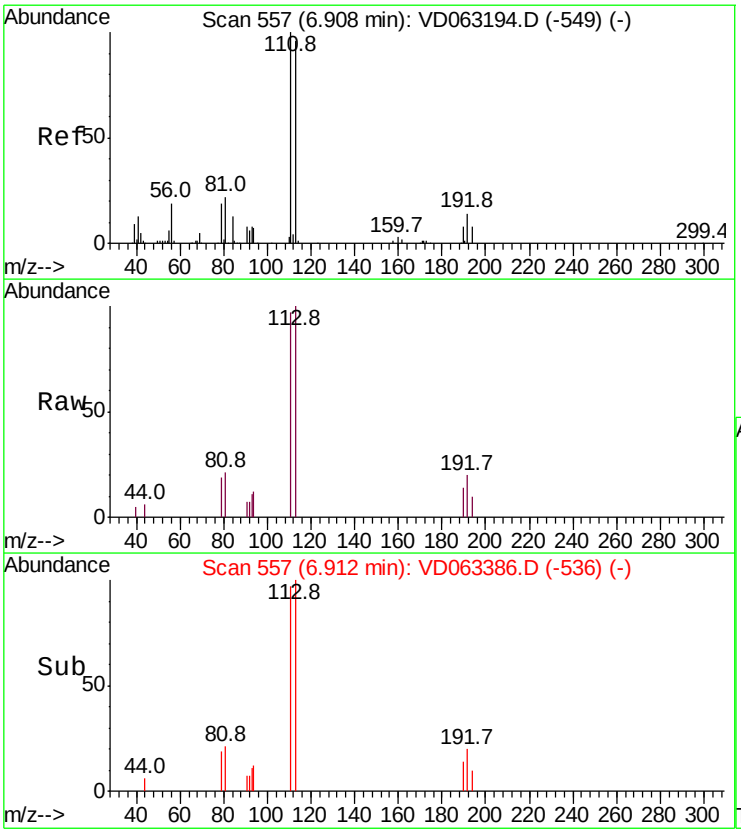
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 689
Delta R.T. 0.00 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Instrument :
MSVOA_D
ClientSampleId :
1S-L-(0-1)RE

Tgt Ion:114 Resp: 53805

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	35.2
88	21.2	0.0	34.6

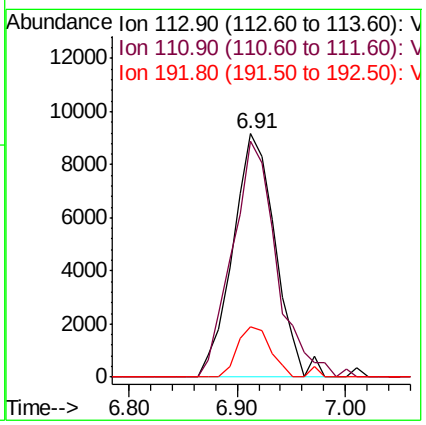


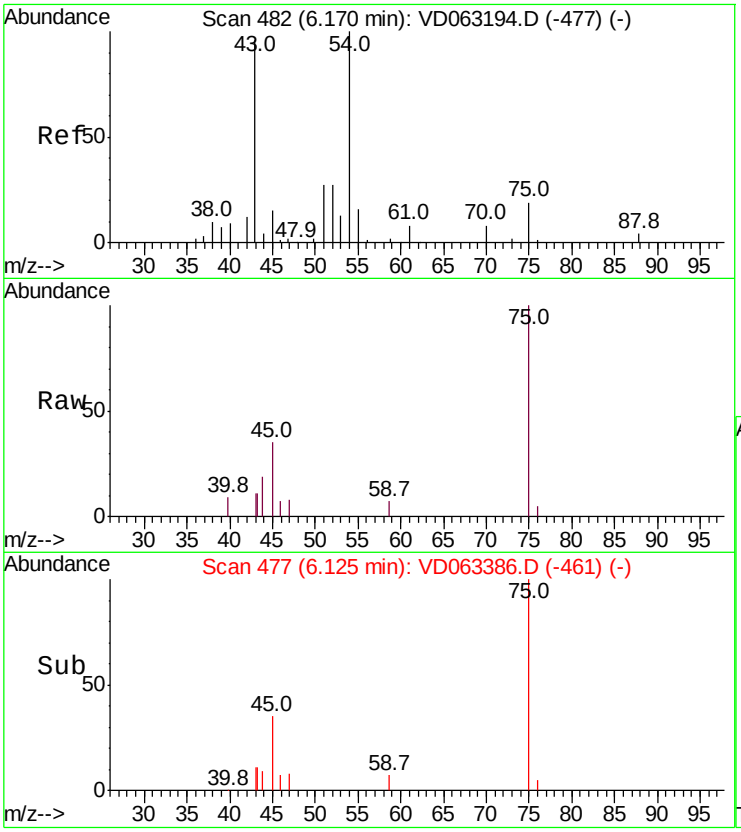


#35
Dibromofluoromethane
Concen: 54.550 ug/l
RT: 6.91 min Scan# 557
Delta R.T. 0.00 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Tgt Ion:113 Resp: 25059

Ion	Ratio	Lower	Upper
113	100		
111	97.1	83.2	124.8
192	20.5	11.8	17.8#



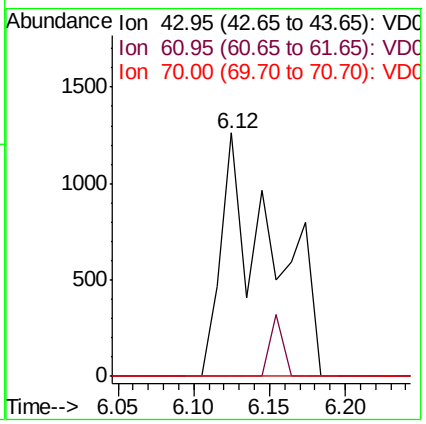


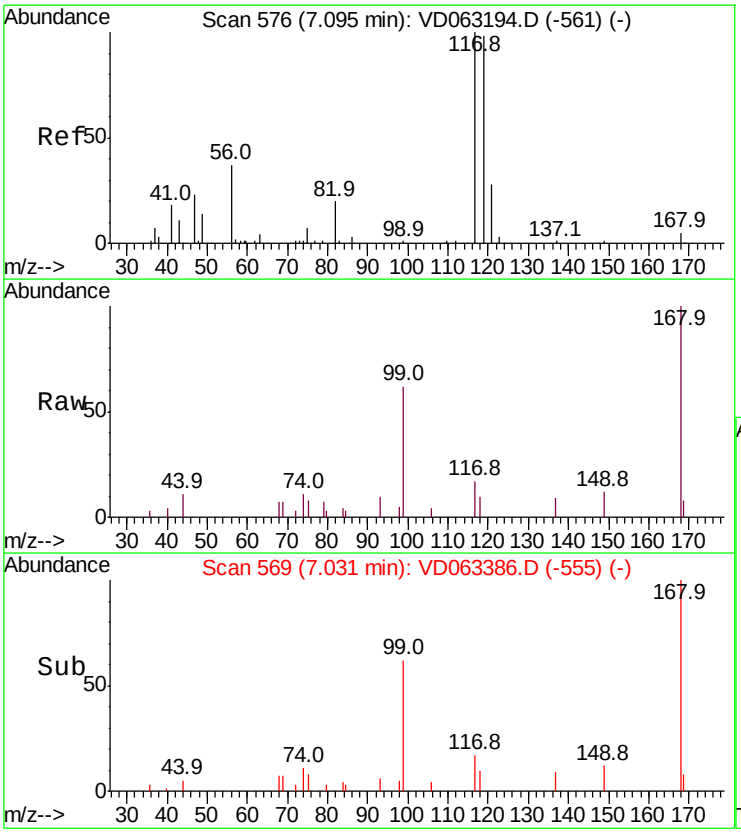
#37
Ethyl Acetate
Concen: 13.363 ug/l
RT: 6.12 min Scan# 477
Delta R.T. -0.04 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Instrument : MSVOA_D
ClientSampleId : 1S-L-(0-1)RE

Tgt Ion: 43 Resp: 2948

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

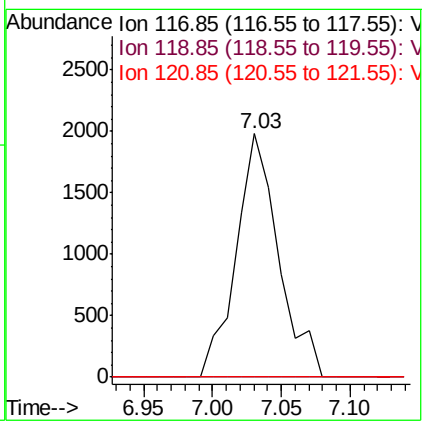


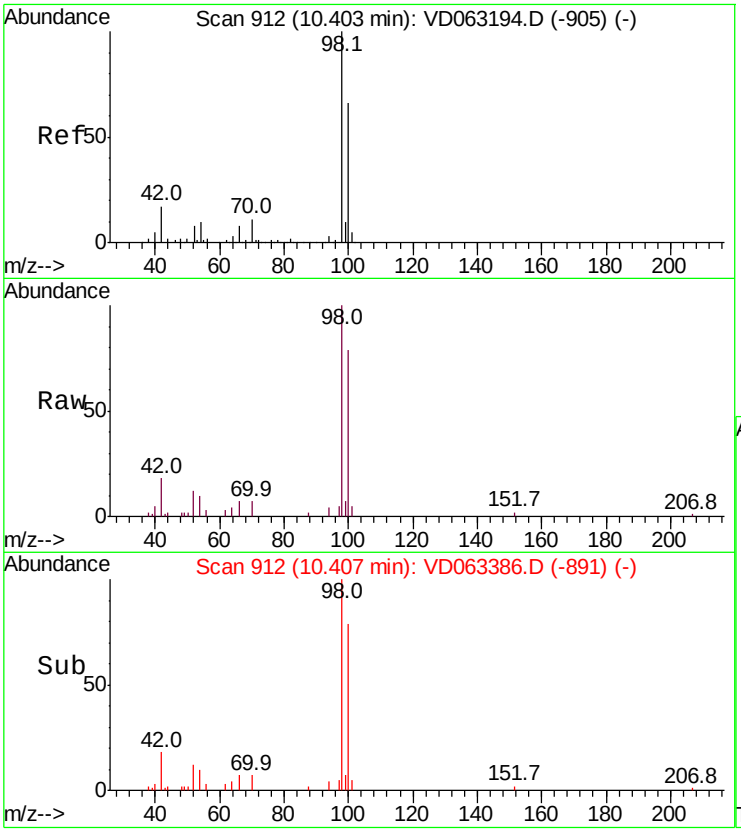


#38
Carbon Tetrachloride
Concen: 5.765 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.06 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Tgt Ion:117 Resp: 4262

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



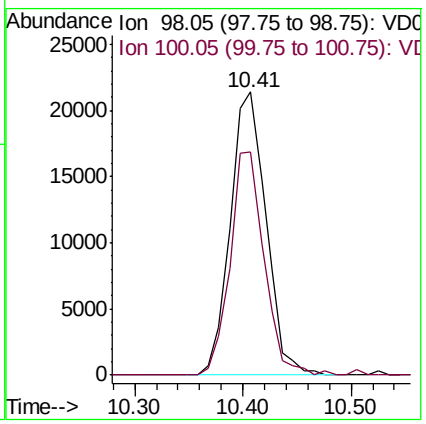


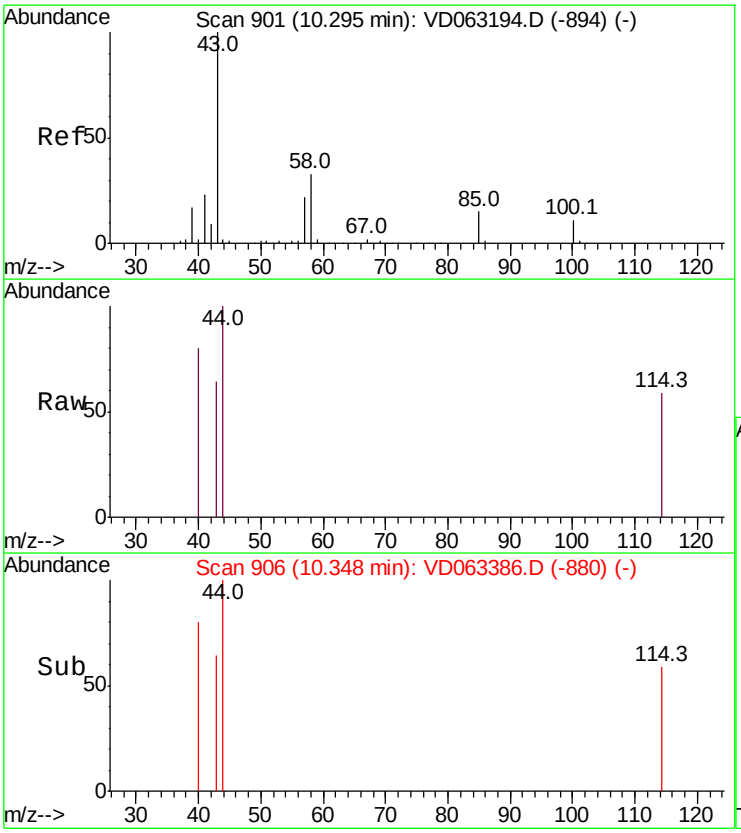
#50
Toluene-d8
Concen: 47.704 ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Instrument : MSVOA_D
ClientSampleId : 1S-L-(0-1)RE

Tgt Ion: 98 Resp: 49044

Ion	Ratio	Lower	Upper
98	100		
100	79.1	53.2	79.8

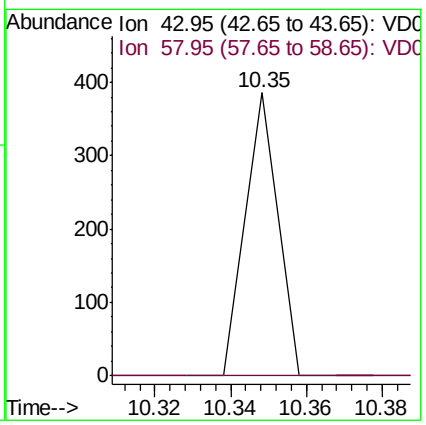


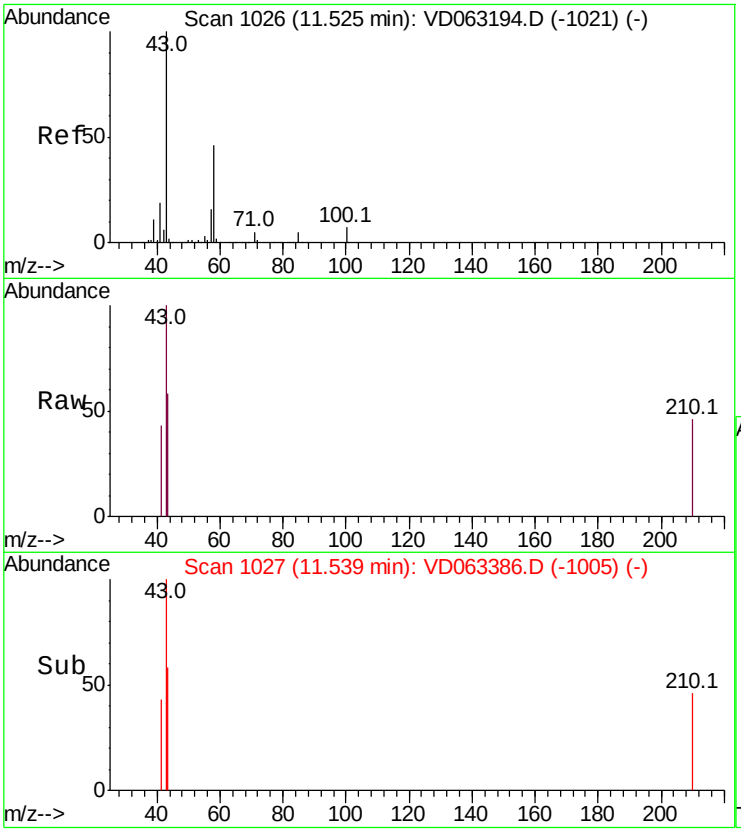


#51
4-Methyl-2-Pentanone
Concen: 1.190 ug/l
RT: 10.35 min Scan# 906
Delta R.T. 0.05 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Tgt Ion: 43 Resp: 228

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.2	39.2#



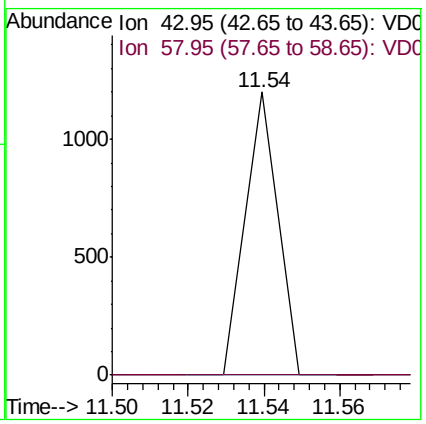


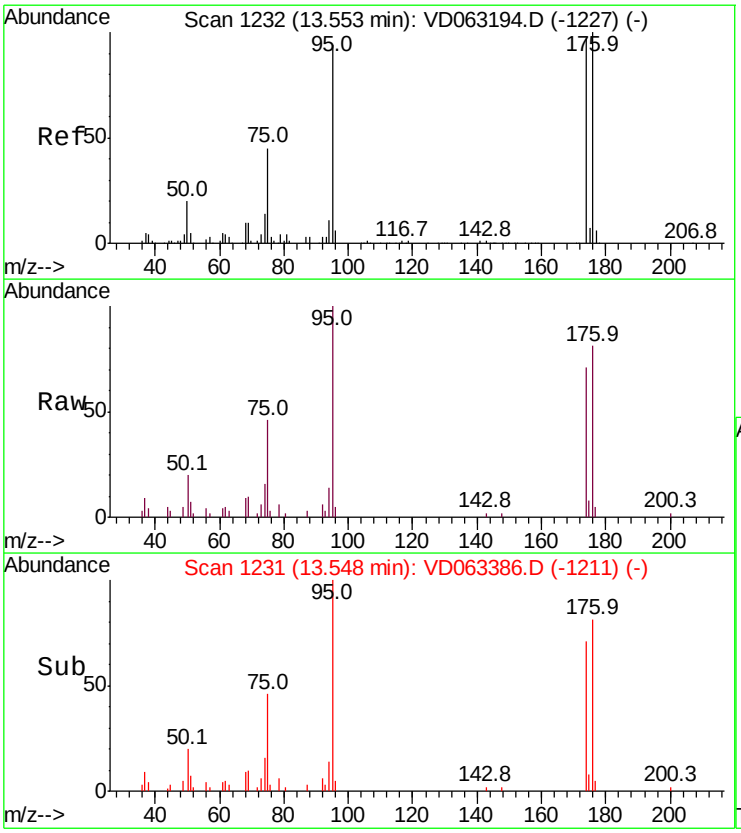
#59
2-Hexanone
Concen: 5.134 ug/l
RT: 11.54 min Scan# 1027
Delta R.T. 0.01 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Instrument : MSVOA_D
ClientSampleId : 1S-L-(0-1)RE

Tgt Ion: 43 Resp: 709

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.9	68.5#

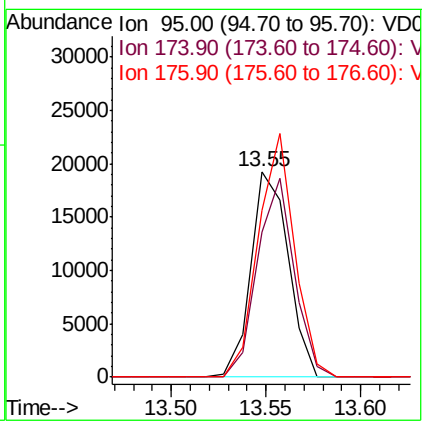


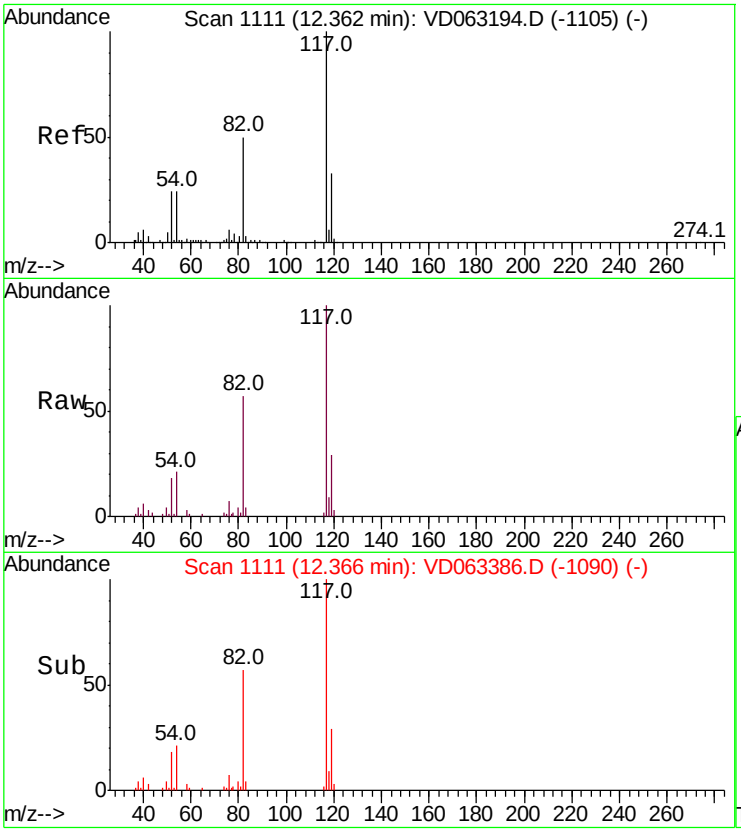


#62
4-Bromofluorobenzene
Concen: 56.410 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Tgt Ion: 95 Resp: 26428

Ion	Ratio	Lower	Upper
95	100		
174	70.9	0.0	205.4
176	81.3	0.0	211.8



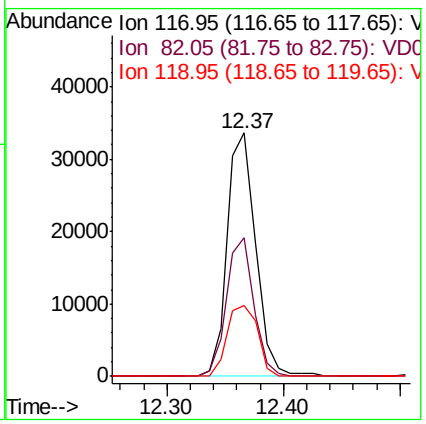


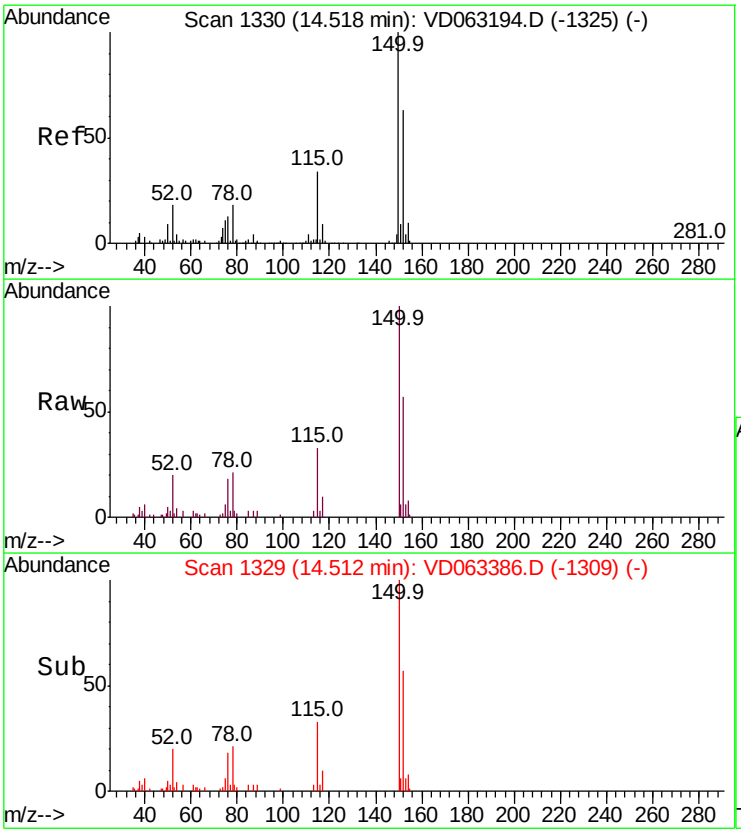
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Instrument : MSVOA_D
ClientSampleId : 1S-L-(0-1)RE

Tgt Ion:117 Resp: 57090

Ion	Ratio	Lower	Upper
117	100		
82	57.1	40.1	60.1
119	29.2	26.5	39.7

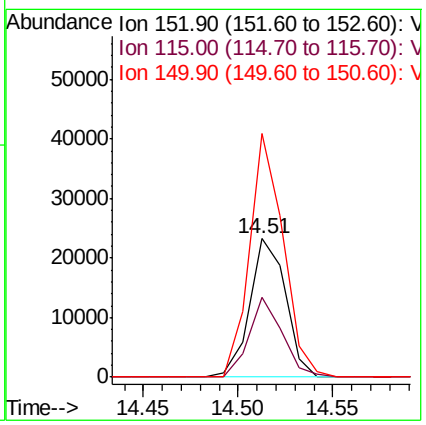


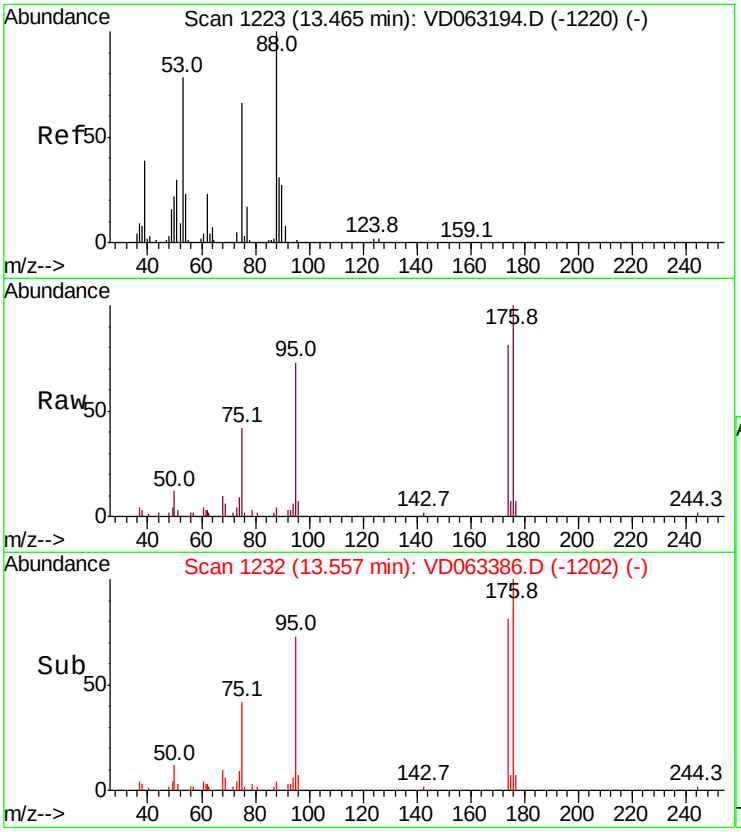


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Tgt Ion:152 Resp: 30474

Ion	Ratio	Lower	Upper
152	100		
115	57.5	27.5	82.4
150	175.9	0.0	320.6



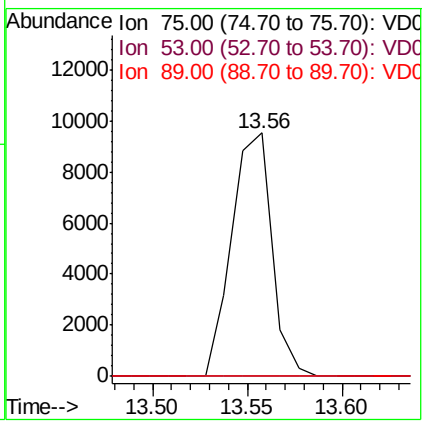


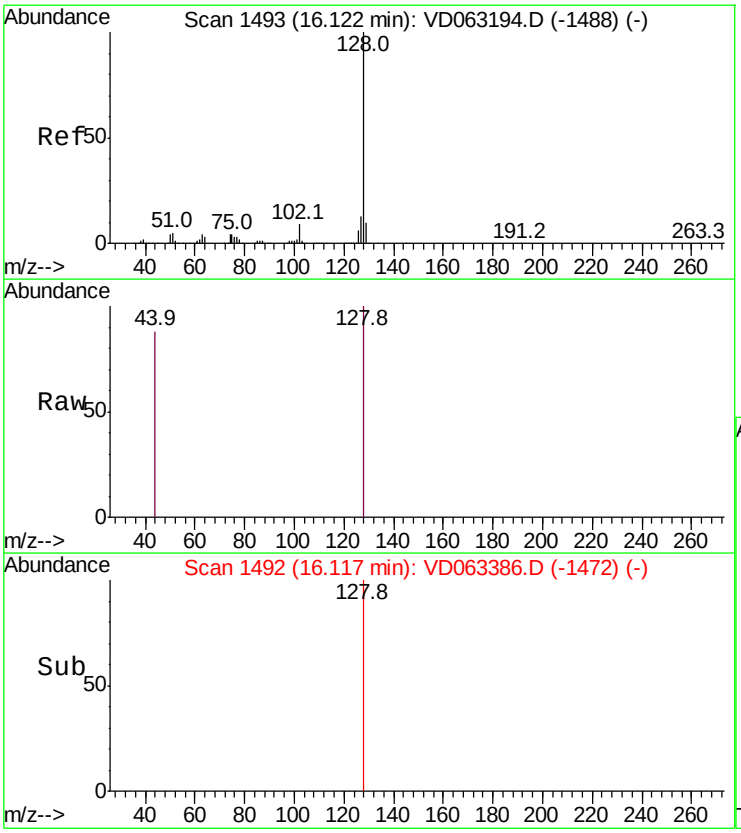
#81
trans-1,4-Dichloro-2-butene
Concen: 137.683 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.09 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Instrument :
MSVOA_D
ClientSampleId :
1S-L-(0-1)RE

Tgt Ion: 75 Resp: 13994

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





#95
Naphthalene
Concen: 1.414 ug/l
RT: 16.12 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VD063386.D
Acq: 5 Aug 2019 17:44

Tgt Ion:128 Resp: 1333

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	7.8	11.8#