Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080819\
Data File : VD063462.D
Acq On : 9 Aug 2019 3:52
Operator : JC/SY
Sample : K4237-01
Misc : 6.67g/5ml/MSVOA_D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SB-04(14-15)

Quant Time: Aug 09 07:04:53 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	51107	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	81667	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	68525	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	42176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	48898	86.23	ug/l	0.02
Spiked Amount 50.000			Recovery = 172.46%			
35) Dibromofluoromethane	6.94	113	35772	51.30	ug/l	0.03
Spiked Amount 50.000			Recovery = 102.60%			
50) Toluene-d8	10.41	98	50364	32.27	ug/l	0.01
Spiked Amount 50.000			Recovery = 64.54%			
62) 4-Bromofluorobenzene	13.56	95	30019	42.21	ug/l	0.01
Spiked Amount 50.000			Recovery = 84.42%			
Target Compounds						Qvalue
3) Chloromethane	1.73	50	756	1.558	ug/l #	46
5) Bromomethane	2.16	94	2363	9.325	ug/l #	61
6) Chloroethane	2.24	64	232	1.000	ug/l #	47
8) Diethyl Ether	2.94	74	240	1.759	ug/l	77
11) Tert butyl alcohol	4.07	59	266	10.689	ug/l #	69
13) Acrolein	3.02	56	193	8.058	ug/l #	15
16) Acetone	3.23	43	4529	40.990	ug/l #	81
18) Methyl Acetate	3.65	43	1054	4.966	ug/l #	60
20) Methylene Chloride	3.83	84	2647	5.927	ug/l #	83
25) 2-Butanone	6.00	43	369	3.328	ug/l #	56
26) 2,2-Dichloropropane	6.15	77	2491	2.999	ug/l #	56
29) Tetrahydrofuran	6.54	42	276	5.257	ug/l #	33
31) Cyclohexane	7.04	56	713	1.412	ug/l #	1
37) Ethyl Acetate	6.20	43	594	1.774	ug/l #	70
49) 1,4-Dioxane	9.52	88	181	73.208	ug/l #	22
81) trans-1,4-Dichloro-2-buten	13.55	75	14069	100.015	ug/l #	3

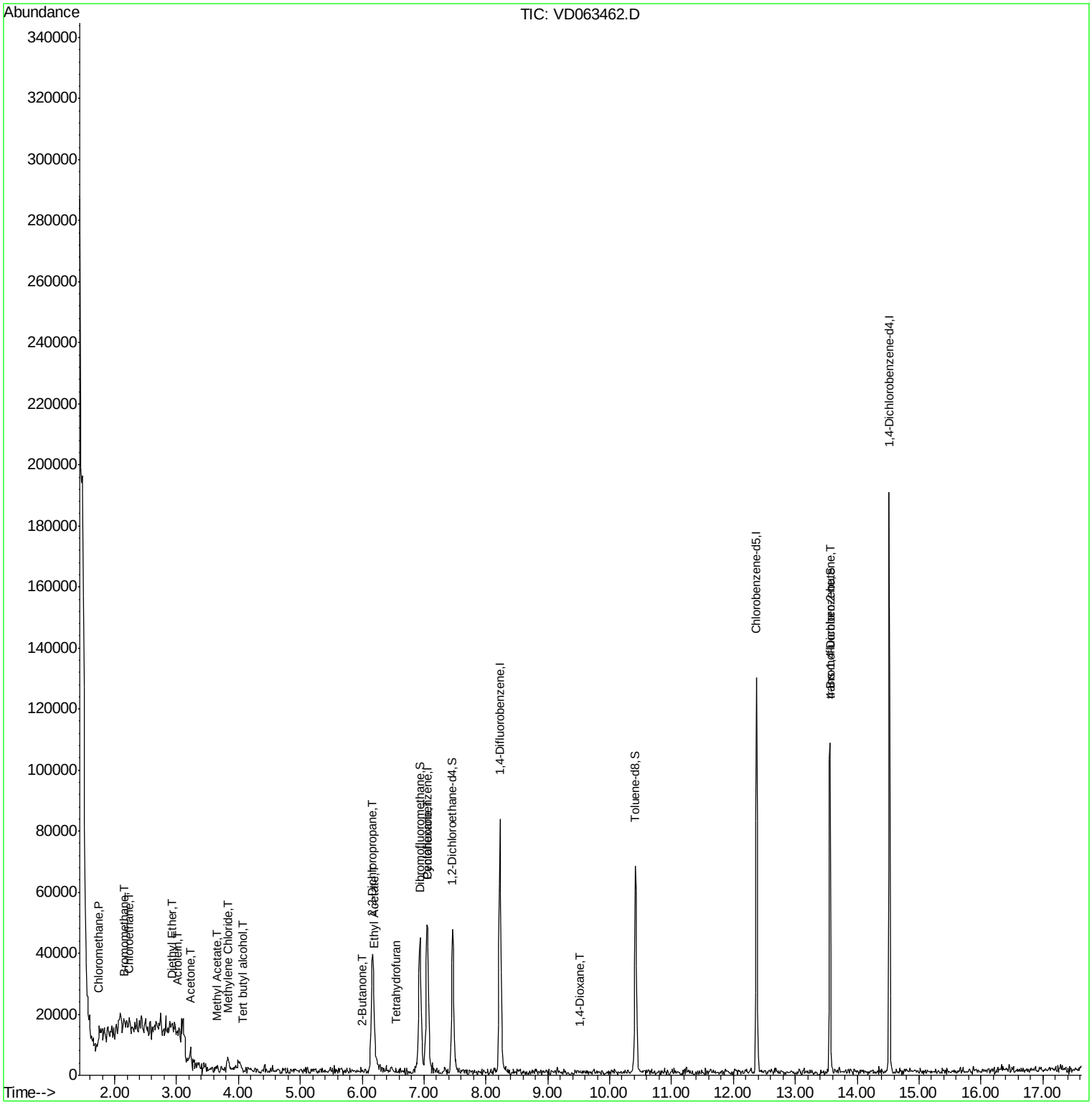
(#) = qualifier out of range (m) = manual integration (+) = signals summed

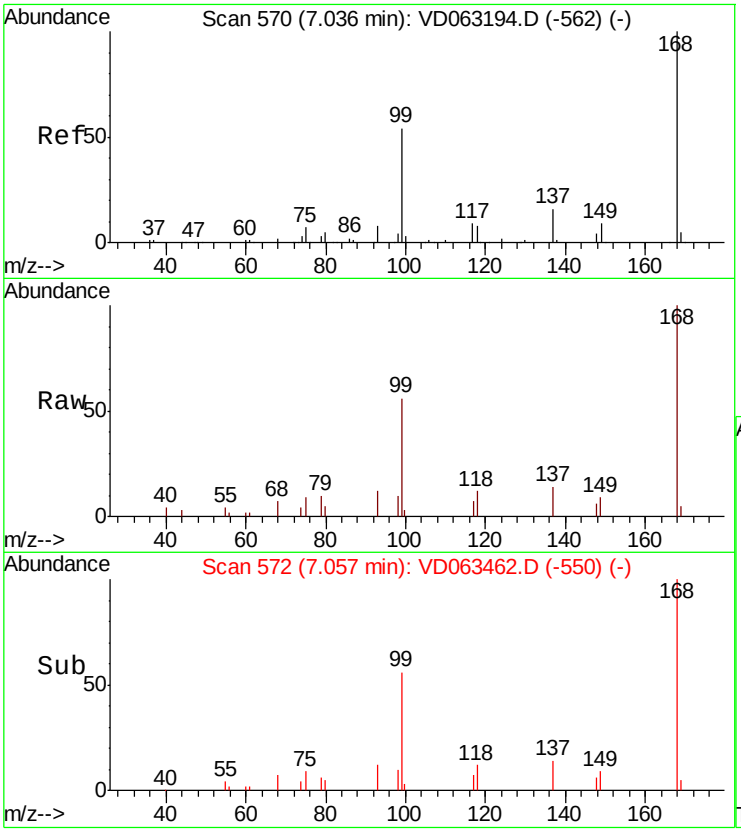
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080819\
Data File : VD063462.D
Acq On : 9 Aug 2019 3:52
Operator : JC/SY
Sample : K4237-01
Misc : 6.67g/5ml/MSVOA_D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-04(14-15)

Quant Time: Aug 09 07:04:53 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



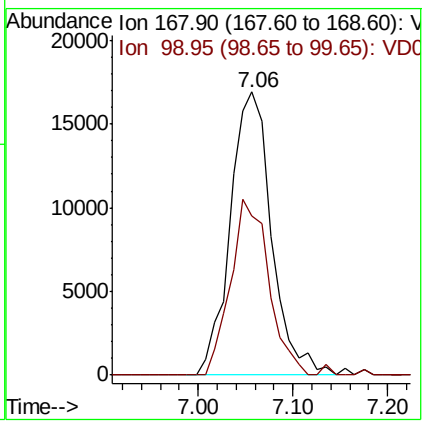


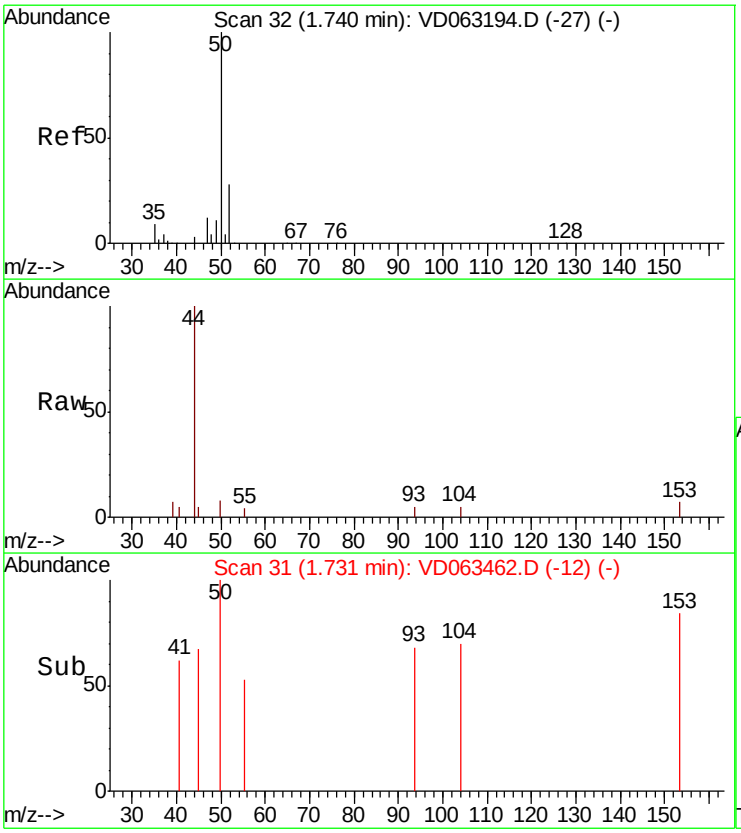
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.02 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Instrument :
MSVOA_D
ClientSampleId :
SB-04(14-15)

Tgt Ion:168 Resp: 51107

Ion	Ratio	Lower	Upper
168	100		
99	56.4	43.7	65.5

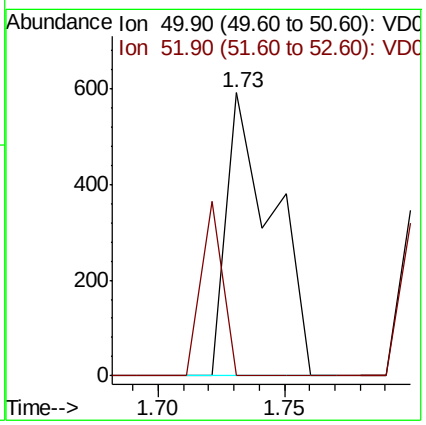


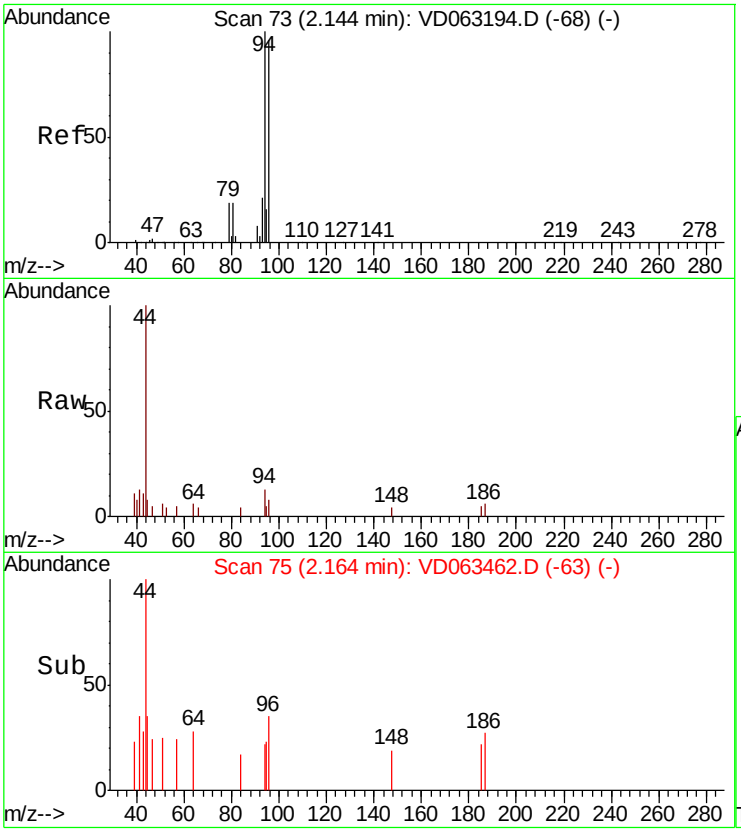


#3
Chloromethane
Concen: 1.558 ug/l
RT: 1.73 min Scan# 31
Delta R.T. -0.01 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Tgt Ion: 50 Resp: 756

Ion	Ratio	Lower	Upper
50	100		
52	0.0	22.6	34.0#



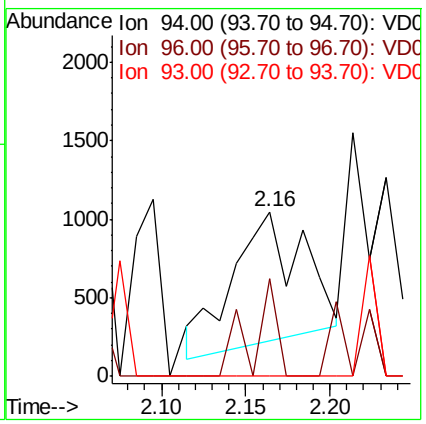


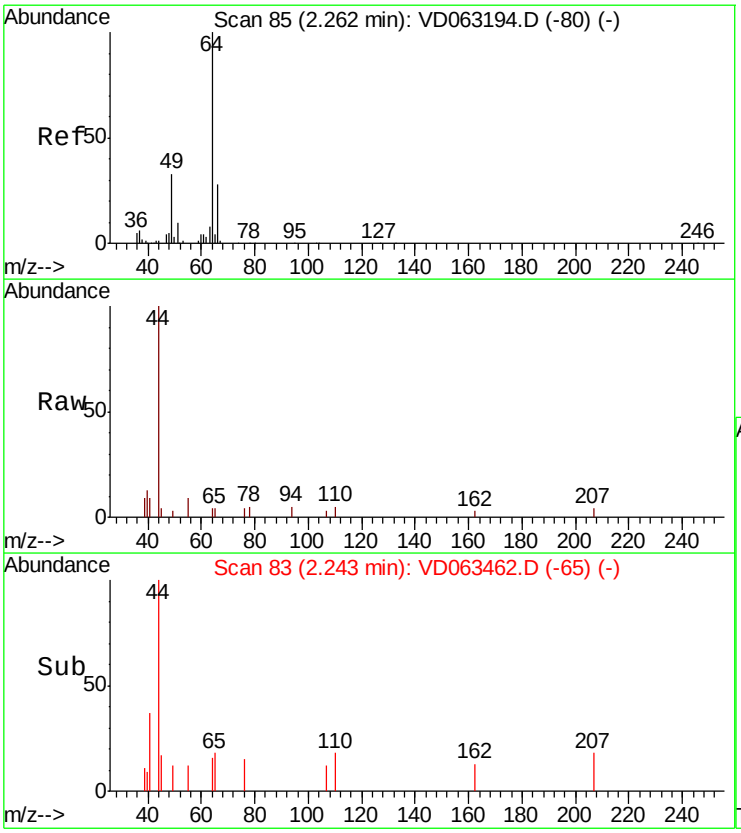
#5
Bromomethane
Concen: 9.325 ug/l
RT: 2.16 min Scan# 75
Delta R.T. 0.02 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Instrument :
MSVOA_D
ClientSampleId :
SB-04(14-15)

Tgt Ion: 94 Resp: 2363

Ion	Ratio	Lower	Upper
94	100		
96	59.2	76.4	114.6#
93	0.0	17.3	25.9#

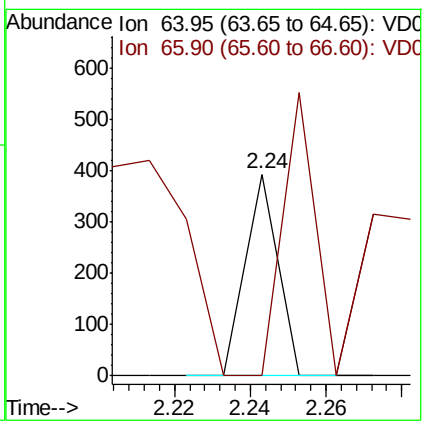


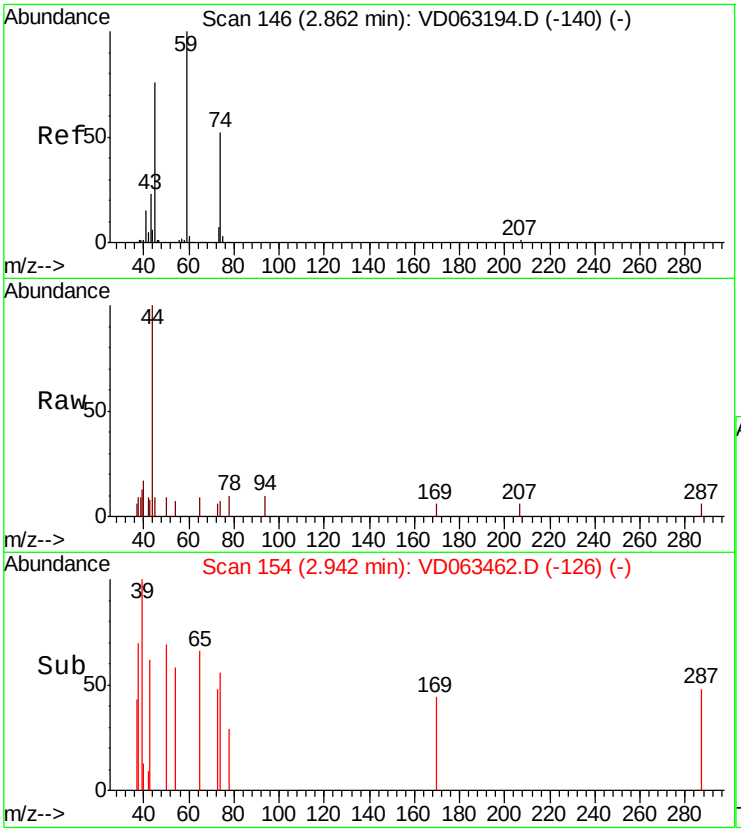


#6
Chloroethane
Concen: 1.000 ug/l
RT: 2.24 min Scan# 83
Delta R.T. -0.02 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Tgt Ion: 64 Resp: 232

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.2	33.2#



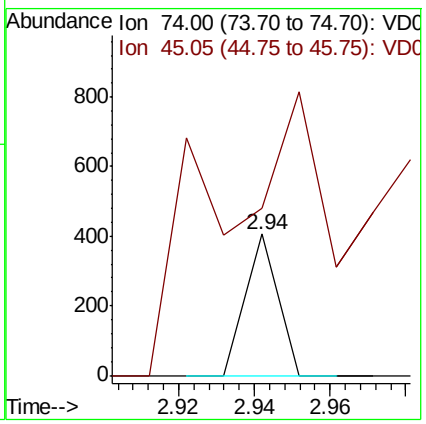


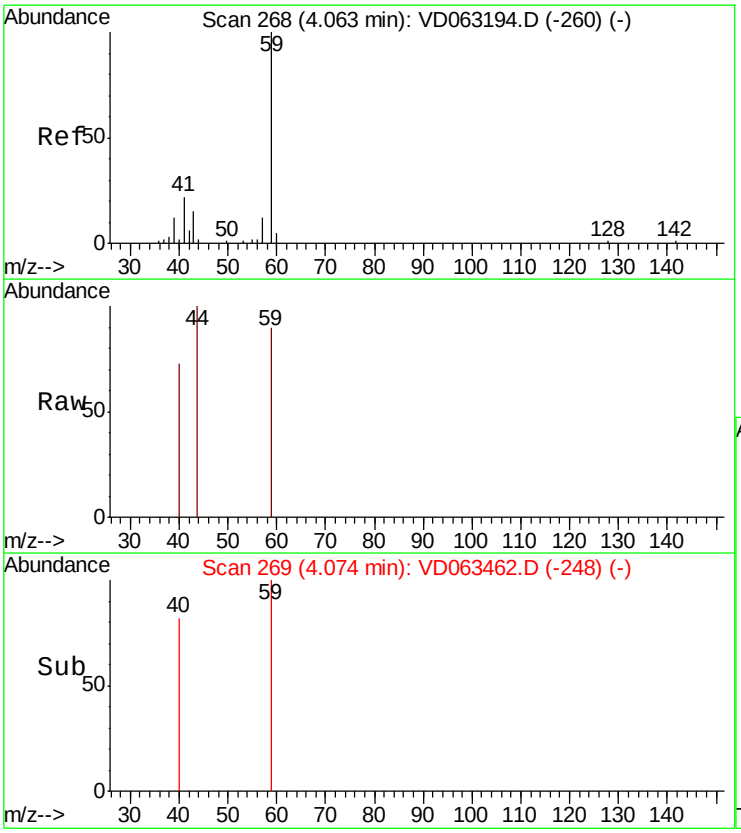
#8
Diethyl Ether
Concen: 1.759 ug/l
RT: 2.94 min Scan# 154
Delta R.T. 0.08 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Instrument :
MSVOA_D
ClientSampleId :
SB-04(14-15)

Tgt Ion: 74 Resp: 240

Ion	Ratio	Lower	Upper
74	100		
45	118.7	73.6	220.8

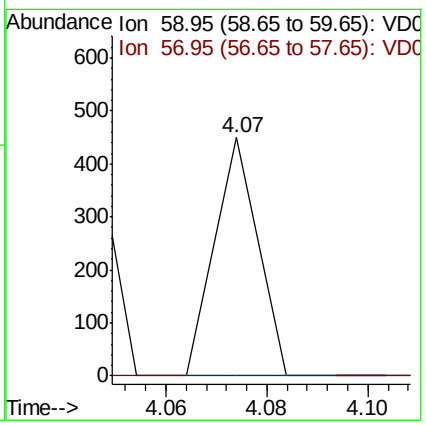


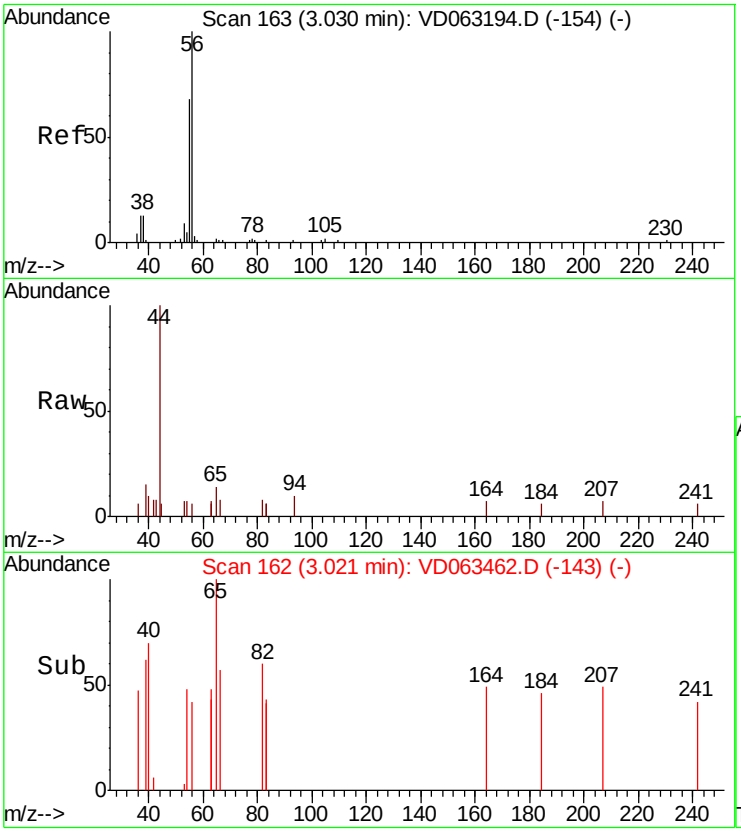


#11
Tert butyl alcohol
Concen: 10.689 ug/l
RT: 4.07 min Scan# 269
Delta R.T. 0.01 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Tgt Ion: 59 Resp: 266

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.6	14.4#



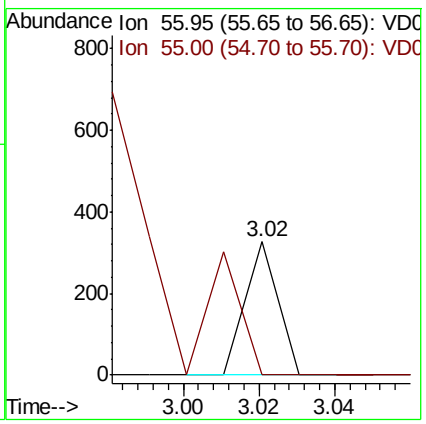


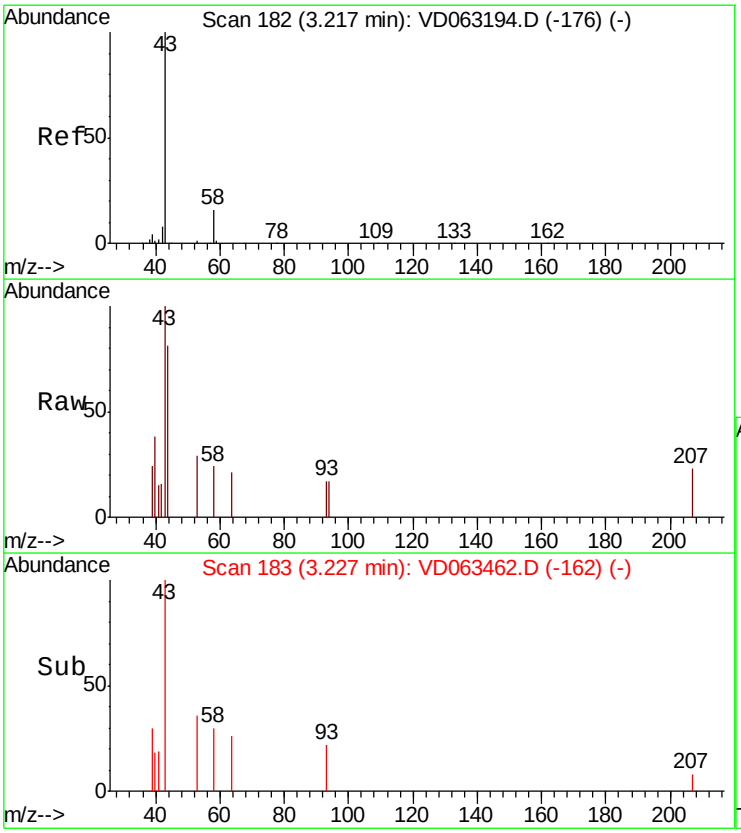
#13
Acrolein
Concen: 8.058 ug/l
RT: 3.02 min Scan# 162
Delta R.T. -0.01 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Instrument :
MSVOA_D
ClientSampleId :
SB-04(14-15)

Tgt Ion: 56 Resp: 193

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.3	82.9#

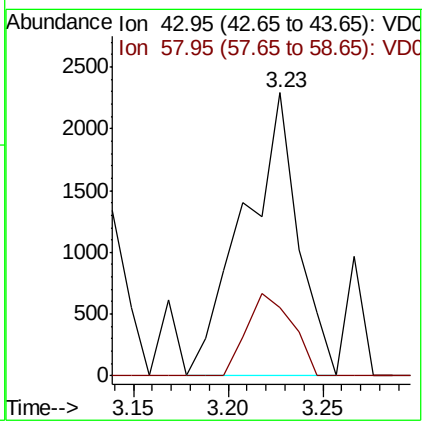


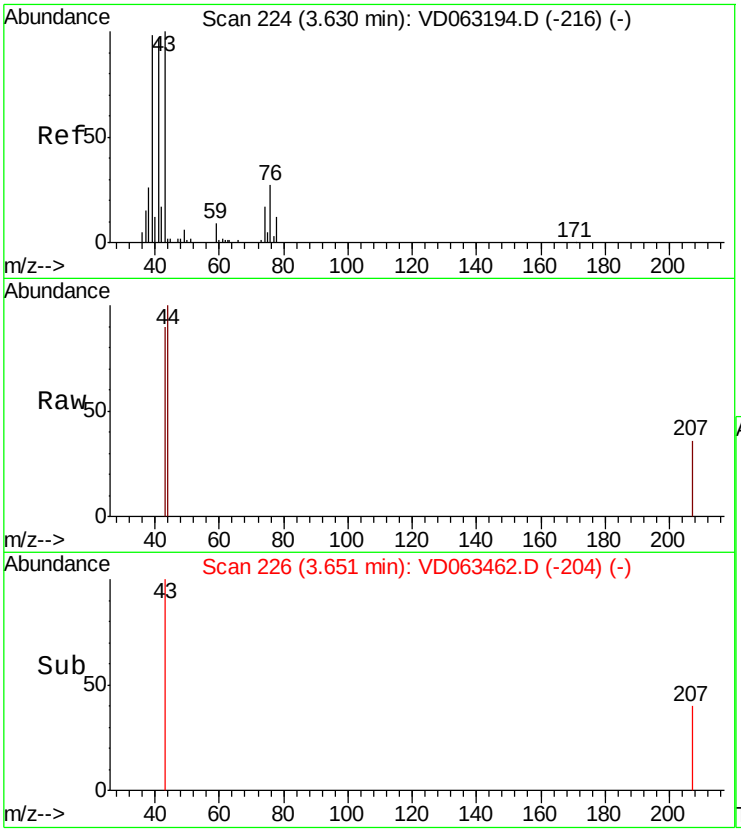


#16
Acetone
Concen: 40.990 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Tgt Ion: 43 Resp: 4529

Ion	Ratio	Lower	Upper
43	100		
58	24.1	13.0	19.4#



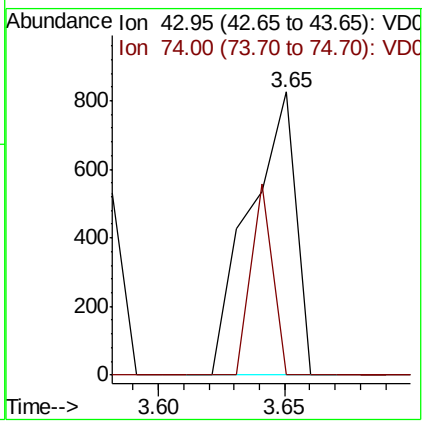


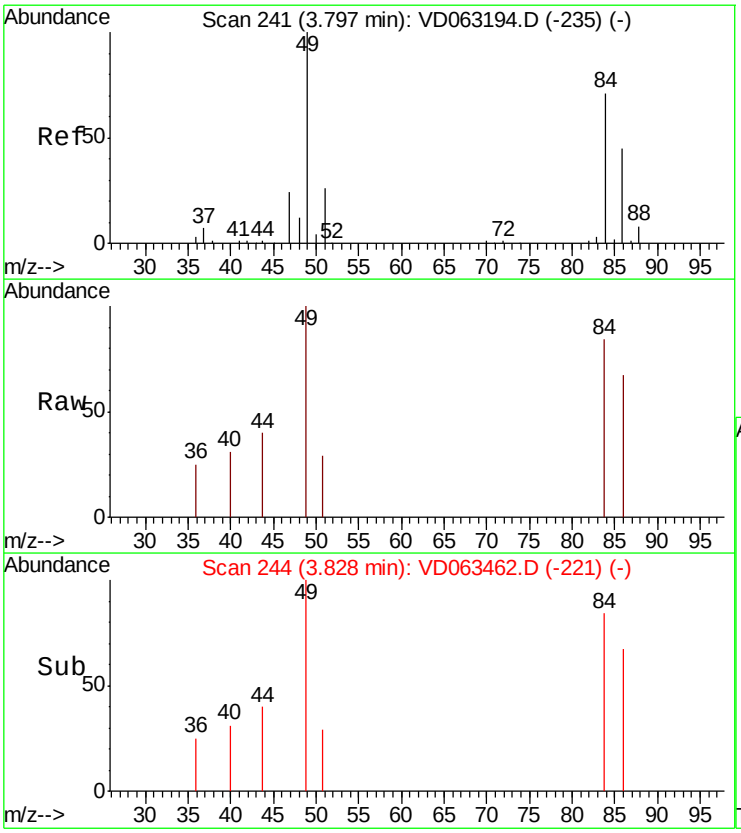
#18
Methyl Acetate
Concen: 4.966 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.02 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Instrument : MSVOA_D
ClientSampleId : SB-04(14-15)

Tgt Ion: 43 Resp: 1054

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.8	20.8#

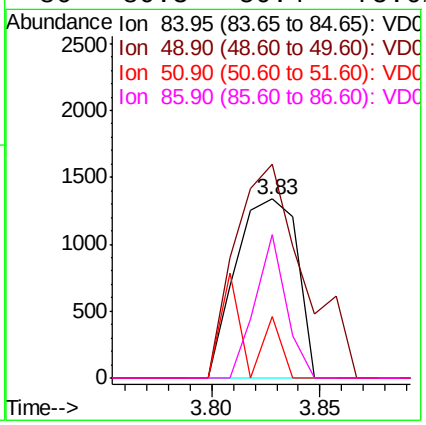


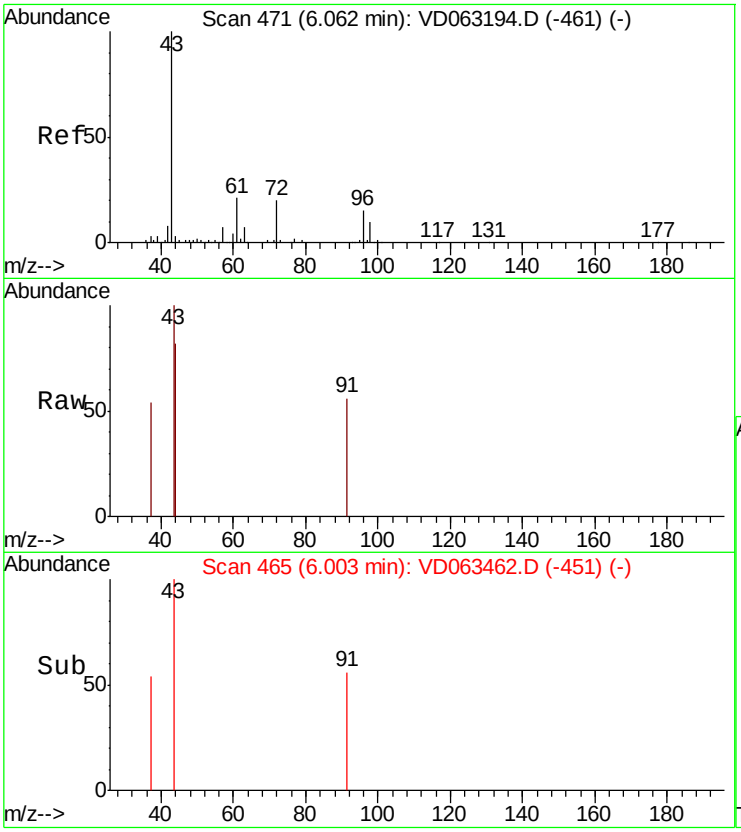


#20
Methylene Chloride
Concen: 5.927 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.03 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Tgt Ion: 84 Resp: 2647

Ion	Ratio	Lower	Upper
84	100		
49	119.4	112.5	168.7
51	34.5	29.6	44.4
86	80.3	50.4	75.6#



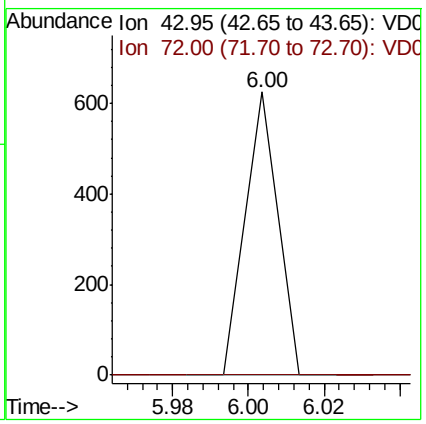


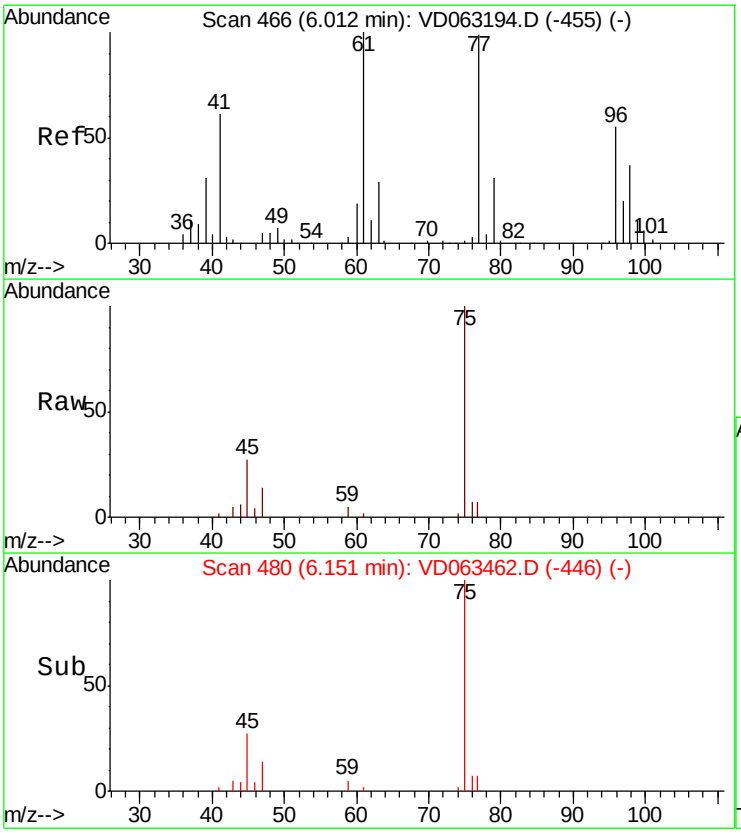
#25
2-Butanone
Concen: 3.328 ug/l
RT: 6.00 min Scan# 465
Delta R.T. -0.06 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Instrument : MSVOA_D
ClientSampleId : SB-04(14-15)

Tgt Ion: 43 Resp: 369

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.3	24.5#

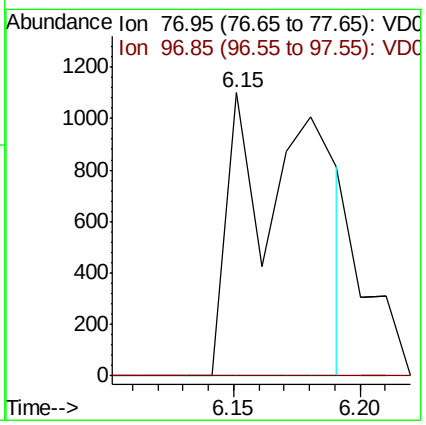


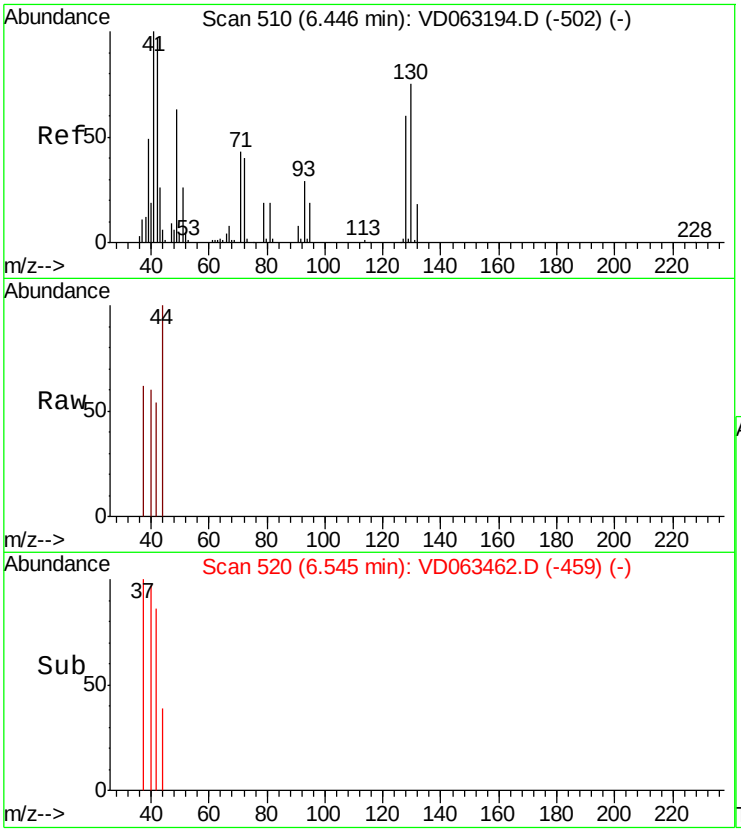


#26
2,2-Dichloropropane
Concen: 2.999 ug/l
RT: 6.15 min Scan# 480
Delta R.T. 0.14 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Tgt Ion: 77 Resp: 2491

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.2	30.6#



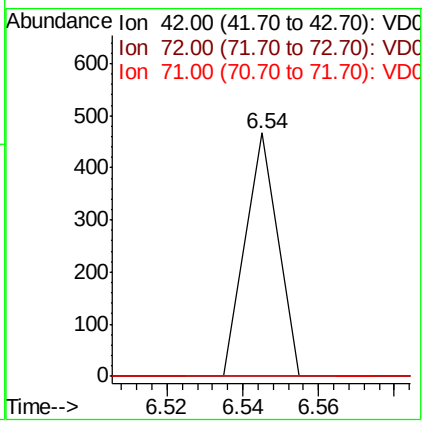


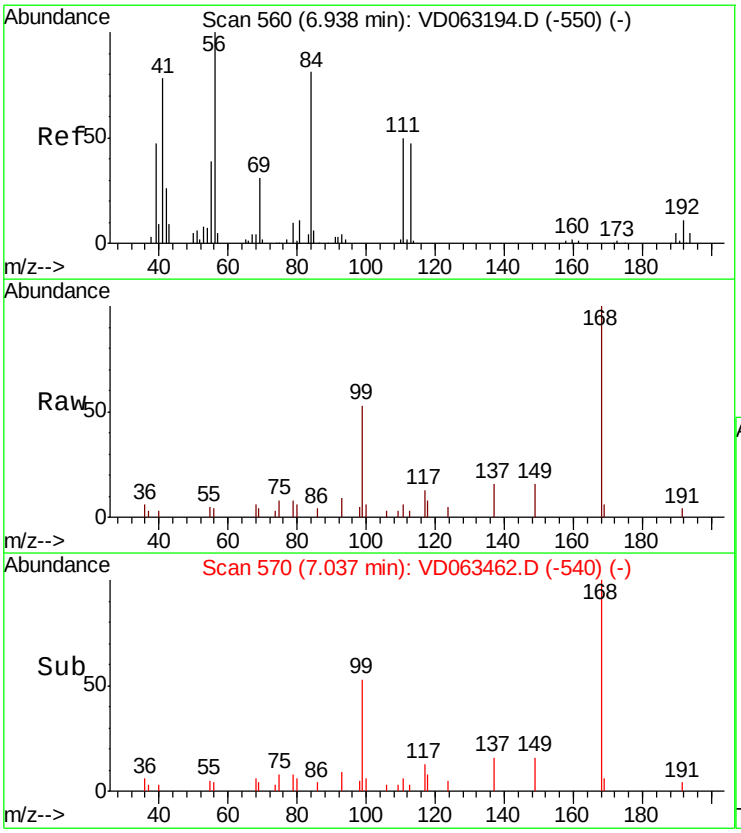
#29
Tetrahydrofuran
Concen: 5.257 ug/l
RT: 6.54 min Scan# 520
Delta R.T. 0.10 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Instrument :
MSVOA_D
ClientSampleId :
SB-04(14-15)

Tgt Ion: 42 Resp: 276

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

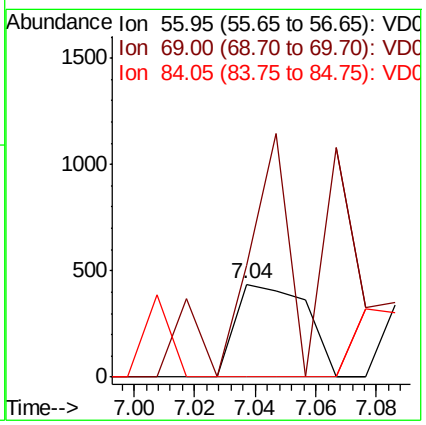


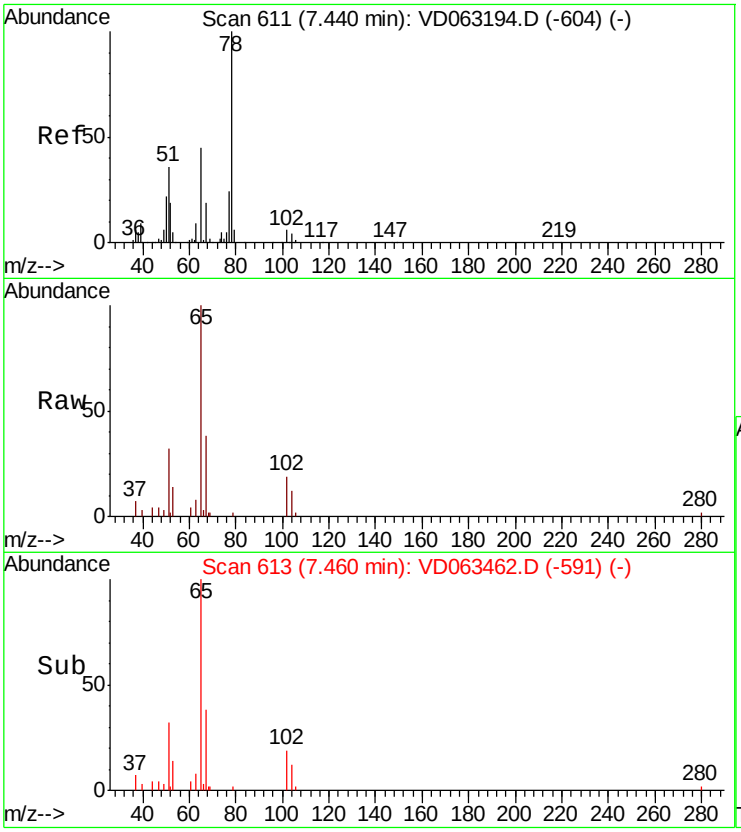


#31
Cyclohexane
Concen: 1.412 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.10 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Tgt Ion: 56 Resp: 713

Ion	Ratio	Lower	Upper
56	100		
69	121.1	24.5	36.7#
84	0.0	64.9	97.3#



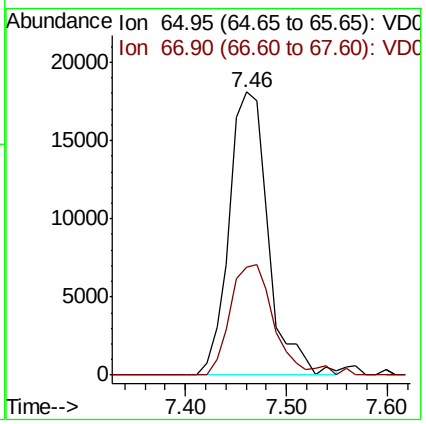


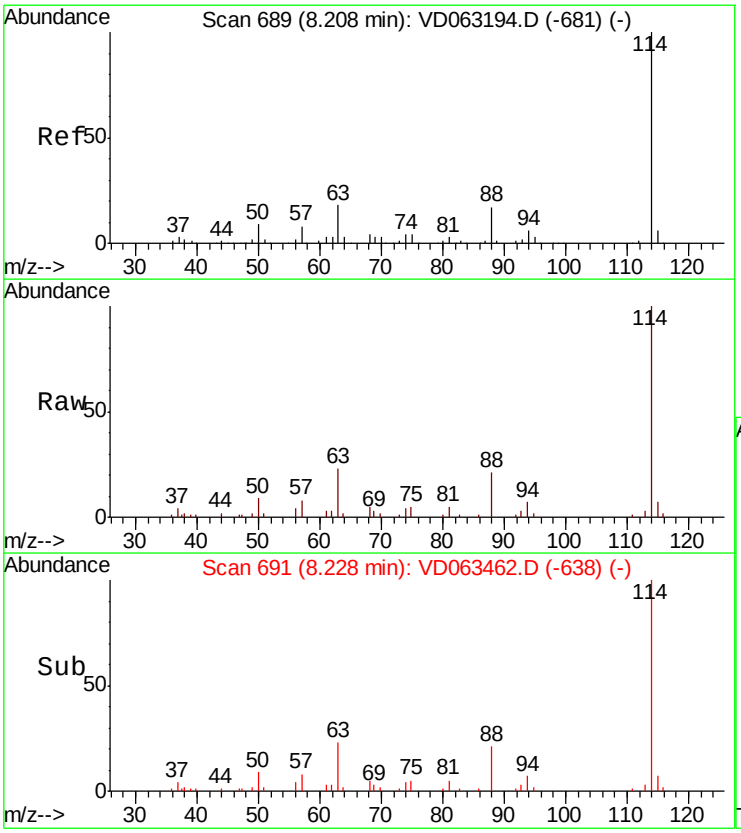
#33
1,2-Dichloroethane-d4
Concen: 86.228 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.02 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Instrument :
MSVOA_D
ClientSampleId :
SB-04(14-15)

Tgt Ion: 65 Resp: 48898

Ion	Ratio	Lower	Upper
65	100		
67	38.2	0.0	85.8

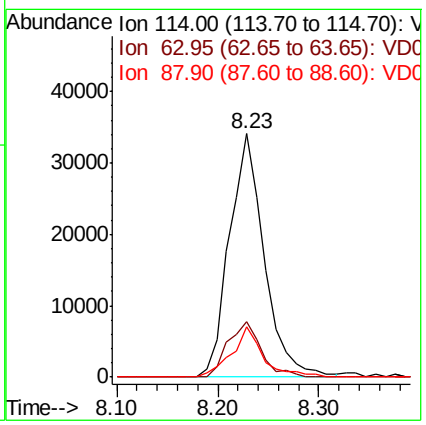


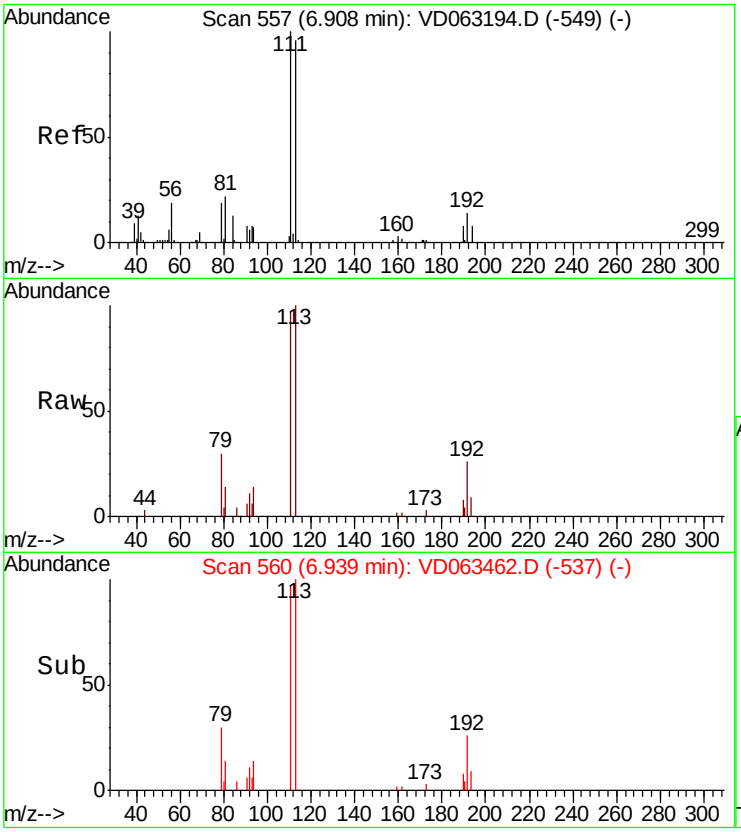


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.02 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Tgt Ion:114 Resp: 81667

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	35.2
88	20.9	0.0	34.6



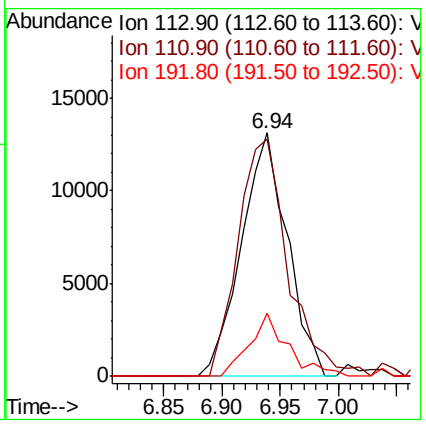


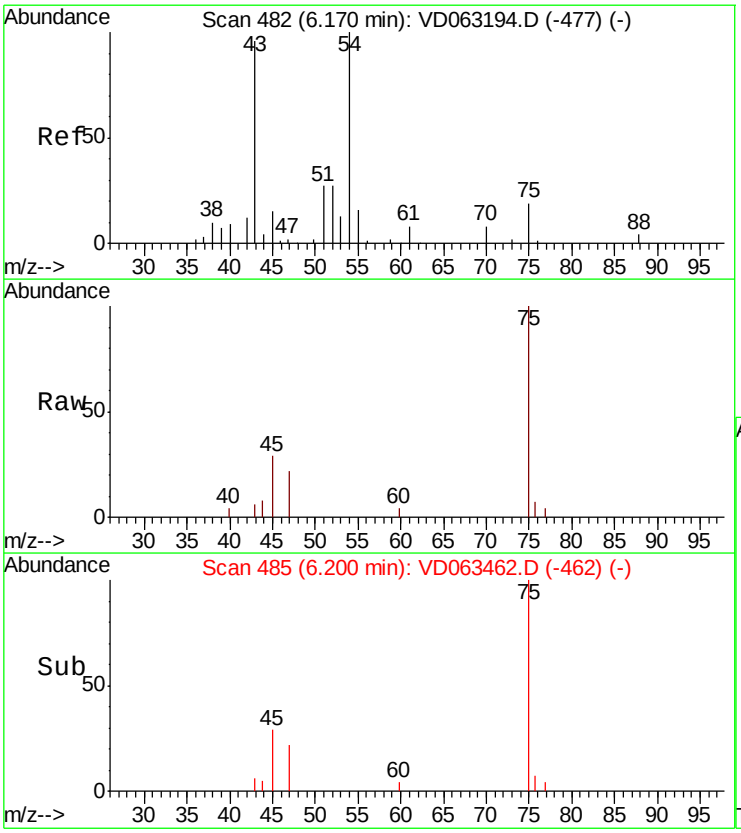
#35
Dibromofluoromethane
Concen: 51.303 ug/l
RT: 6.94 min Scan# 560
Delta R.T. 0.03 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Instrument :
MSVOA_D
ClientSampleId :
SB-04(14-15)

Tgt Ion:113 Resp: 35772

Ion	Ratio	Lower	Upper
113	100		
111	97.3	83.2	124.8
192	26.2	11.8	17.8#

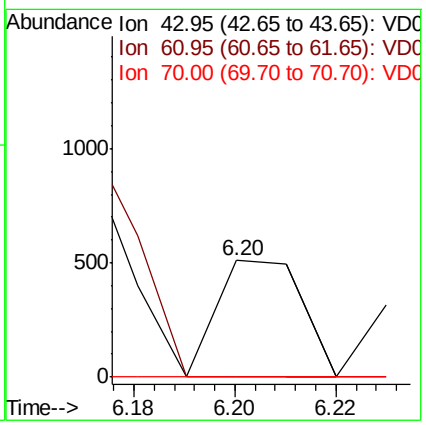


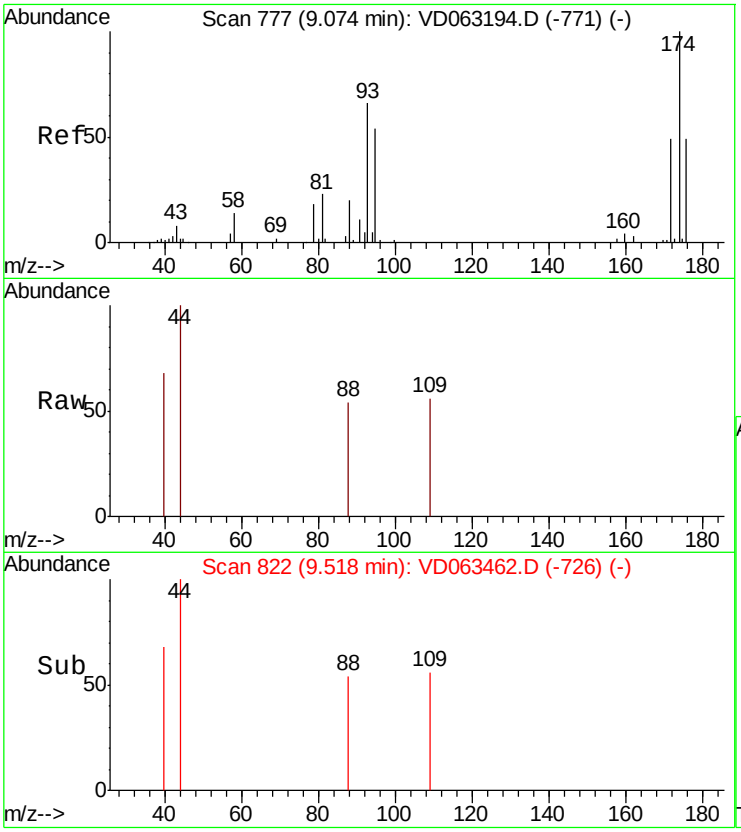


#37
Ethyl Acetate
Concen: 1.774 ug/l
RT: 6.20 min Scan# 485
Delta R.T. 0.03 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Tgt Ion: 43 Resp: 594

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



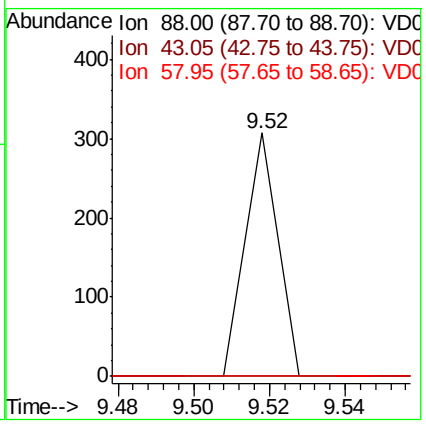


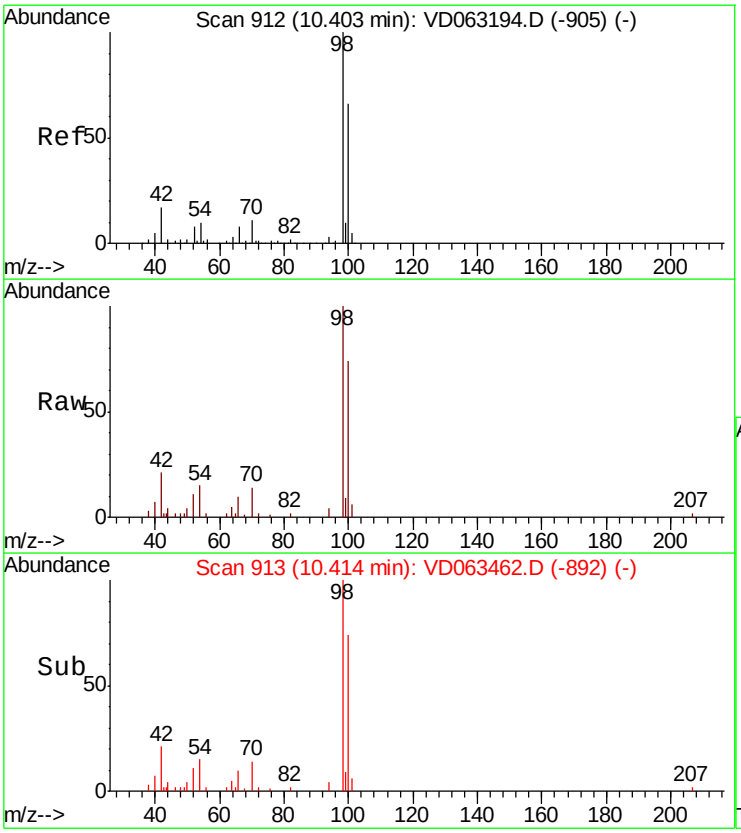
#49
1,4-Dioxane
Concen: 73.208 ug/l
RT: 9.52 min Scan# 822
Delta R.T. 0.44 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Instrument :
MSVOA_D
ClientSampleId :
SB-04(14-15)

Tgt Ion: 88 Resp: 181

Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.7	46.1#
58	0.0	56.5	84.7#

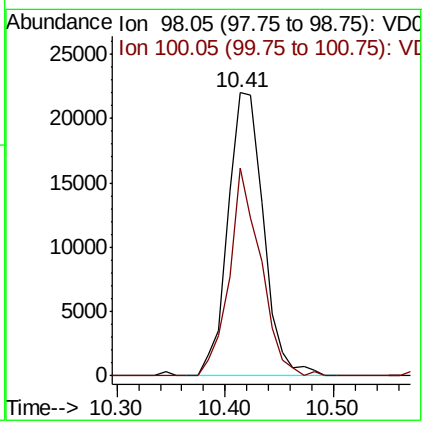


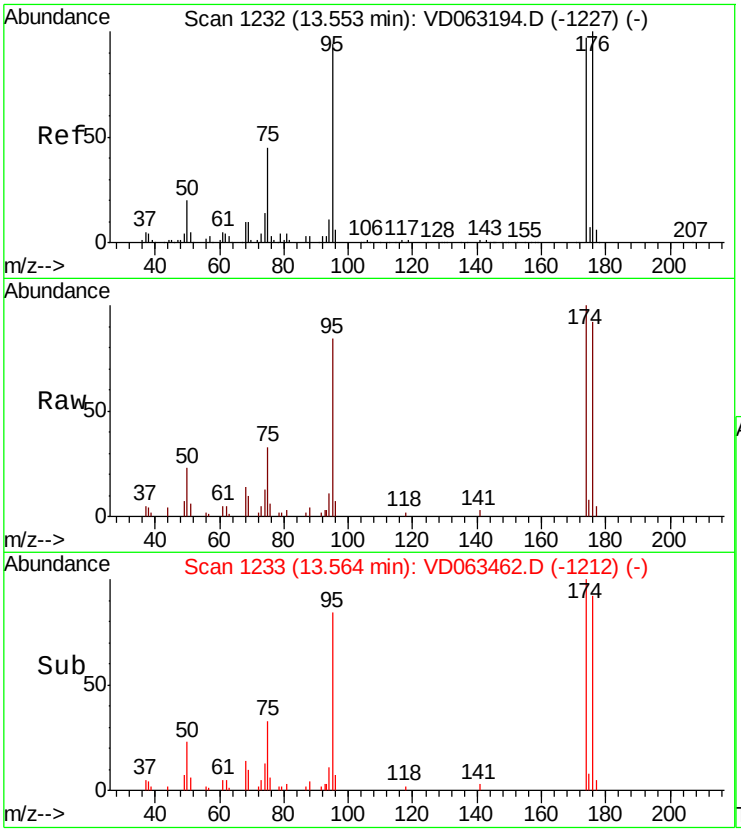


#50
Toluene-d8
Concen: 32.275 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Tgt Ion: 98 Resp: 50364

Ion	Ratio	Lower	Upper
98	100		
100	73.6	53.2	79.8



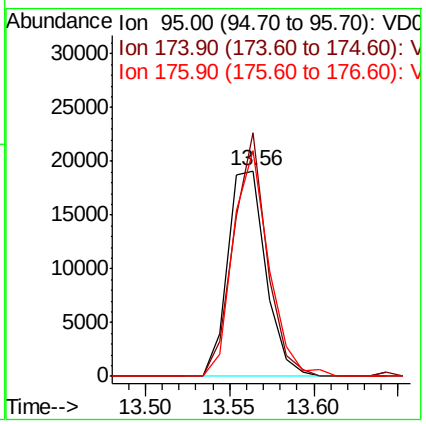


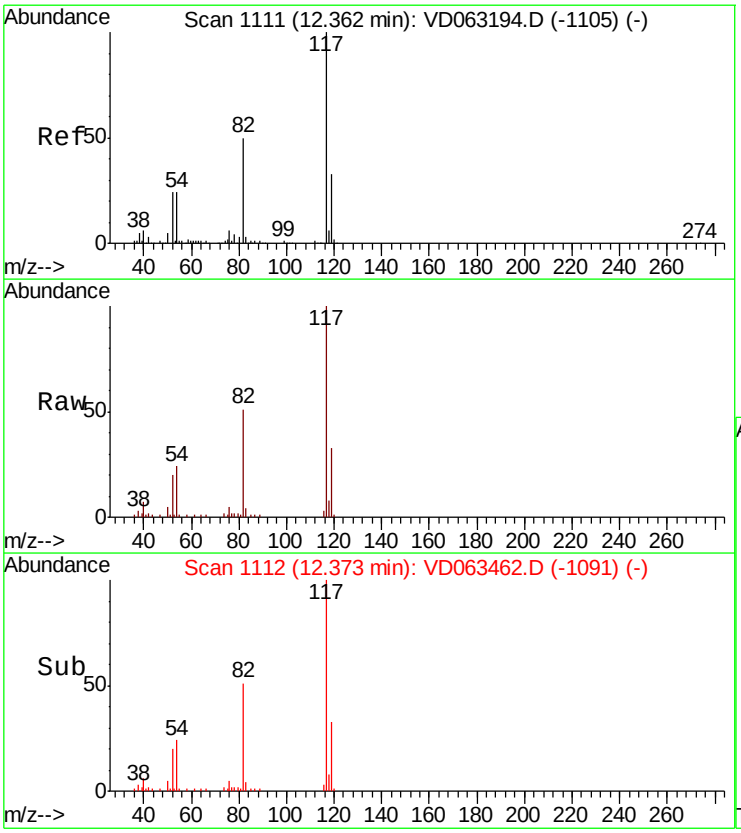
#62
4-Bromofluorobenzene
Concen: 42.215 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Instrument :
MSVOA_D
ClientSampleId :
SB-04(14-15)

Tgt Ion: 95 Resp: 30019

Ion	Ratio	Lower	Upper
95	100		
174	118.6	0.0	205.4
176	109.7	0.0	211.8

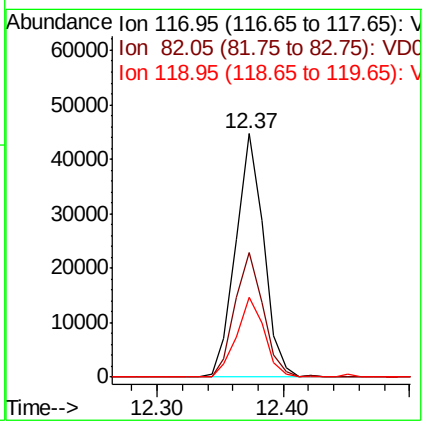


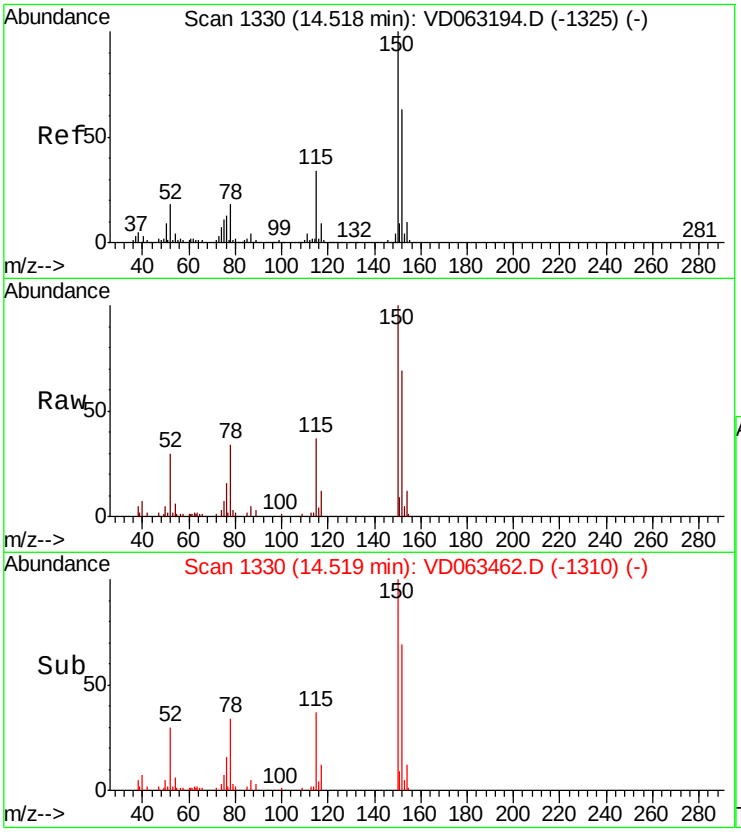


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Tgt Ion:117 Resp: 68525

Ion	Ratio	Lower	Upper
117	100		
82	51.1	40.1	60.1
119	32.6	26.5	39.7



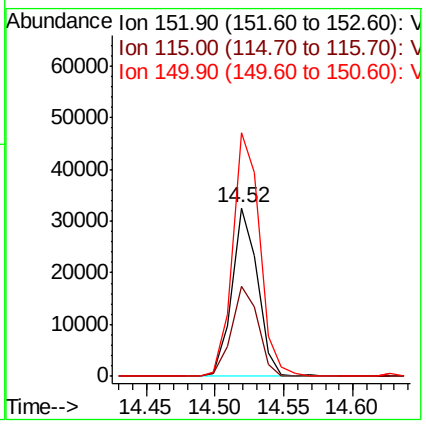


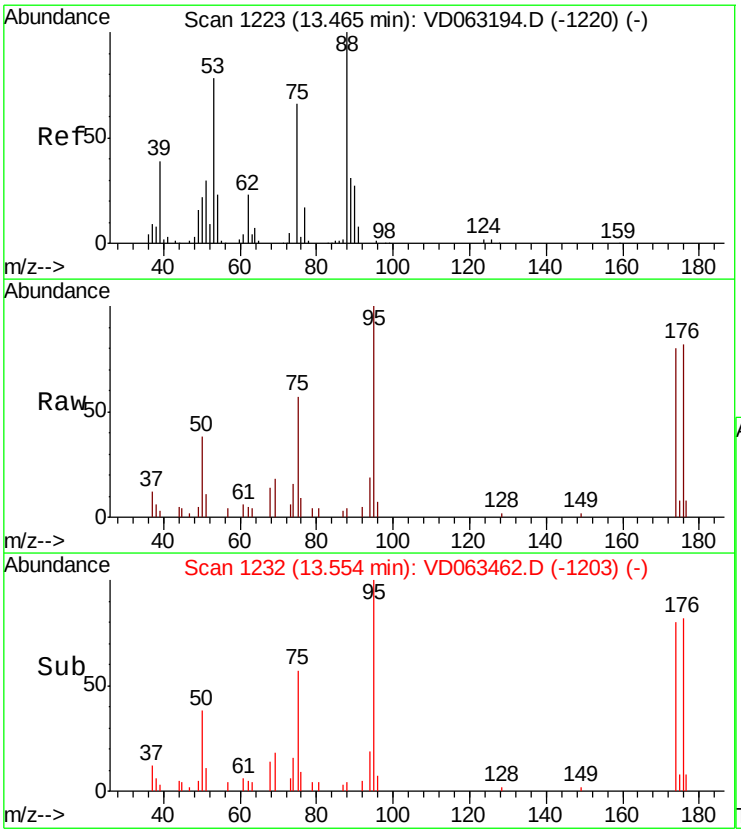
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Instrument :
MSVOA_D
ClientSampleId :
SB-04(14-15)

Tgt Ion:152 Resp: 42176

Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.5	82.4
150	144.7	0.0	320.6





#81
trans-1,4-Dichloro-2-butene
Concen: 100.015 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.09 min
Lab File: VD063462.D
Acq: 9 Aug 2019 3:52

Tgt Ion: 75 Resp: 14069

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