Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062819\
Data File : VD062960.D
Acq On : 28 Jun 2019 12:27
Operator : VA/AP
Sample : K3526-01RE
Misc : 5.01g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SB-01-4.0-4.5RE

Quant Time: Jun 29 00:14:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	217942	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	351995	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	266194	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	95704	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	218606	92.28	ug/l	-0.03
Spiked Amount 50.000			Recovery = 184.56%			
35) Dibromofluoromethane	6.90	113	187583	63.20	ug/l	-0.03
Spiked Amount 50.000			Recovery = 126.40%			
50) Toluene-d8	10.39	98	263124	40.73	ug/l	-0.02
Spiked Amount 50.000			Recovery = 81.46%			
62) 4-Bromofluorobenzene	13.54	95	105995	36.09	ug/l	-0.01
Spiked Amount 50.000			Recovery = 72.18%			
Target Compounds						Qvalue
5) Bromomethane	2.12	94	1117	1.134	ug/l #	13
8) Diethyl Ether	2.85	74	1367	2.528	ug/l	59
11) Tert butyl alcohol	4.07	59	468	4.338	ug/l #	77
13) Acrolein	3.06	56	188	1.707	ug/l #	15
16) Acetone	3.23	43	1030	Below Cal	#	64
18) Methyl Acetate	3.63	43	2656	3.714	ug/l #	58
20) Methylene Chloride	3.79	84	13176	7.293	ug/l #	85
25) 2-Butanone	6.15	43	9146	20.642	ug/l #	64
26) 2,2-Dichloropropane	6.14	77	6773	1.888	ug/l #	58
29) Tetrahydrofuran	6.47	42	231	1.102	ug/l #	33
36) 1,1-Dichloropropene	7.02	75	17089	5.129	ug/l #	64
37) Ethyl Acetate	6.15	43	9146	5.555	ug/l #	12
38) Carbon Tetrachloride	7.02	117	21003	4.191	ug/l #	13
58) 2-Chloroethyl Vinyl ether	9.83	63	2716	3.205	ug/l #	87
81) trans-1,4-Dichloro-2-buten	13.54	75	48177	166.380	ug/l #	2
95) Naphthalene	16.12	128	3145	1.135	ug/l #	73

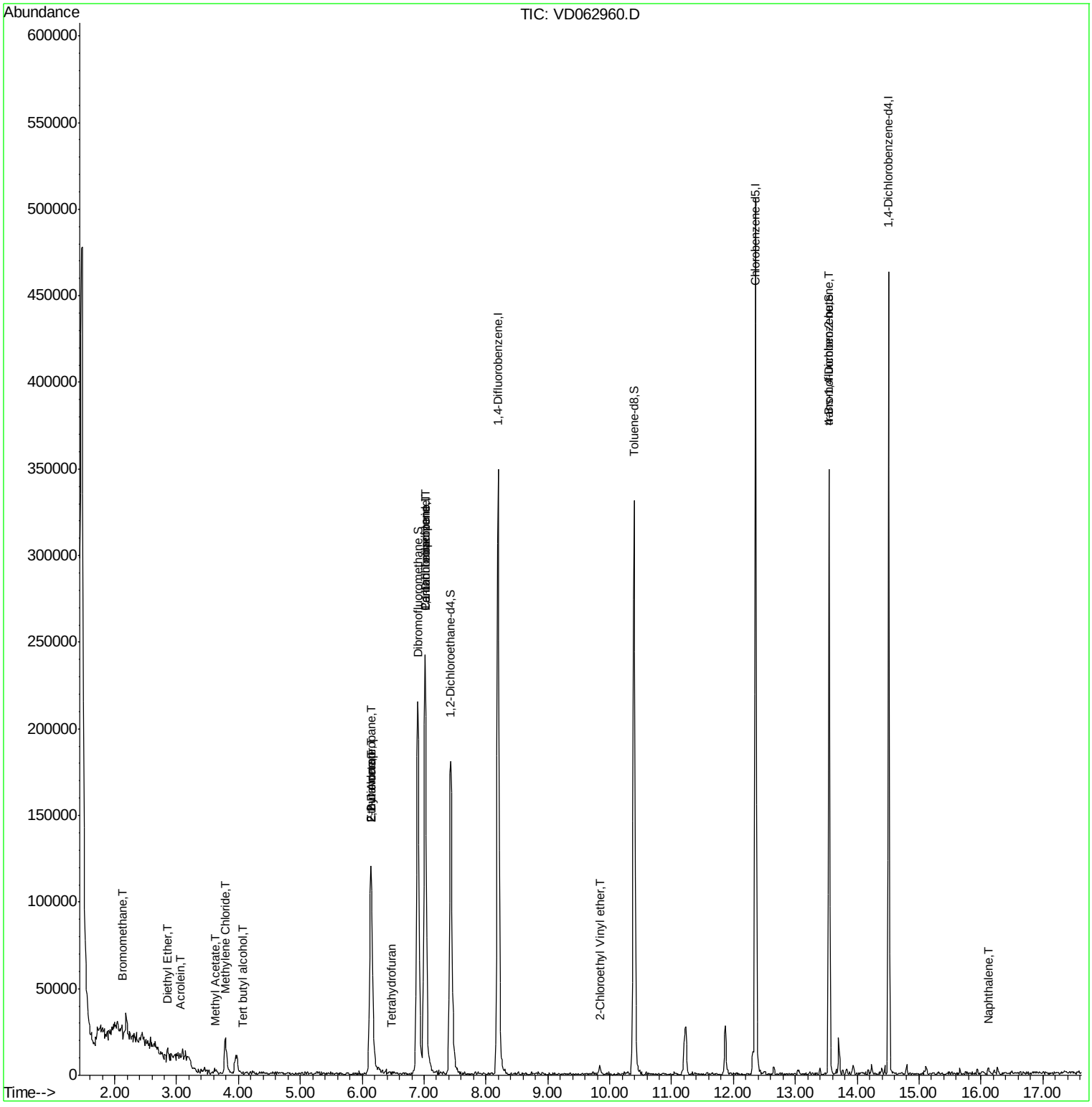
(#) = qualifier out of range (m) = manual integration (+) = signals summed

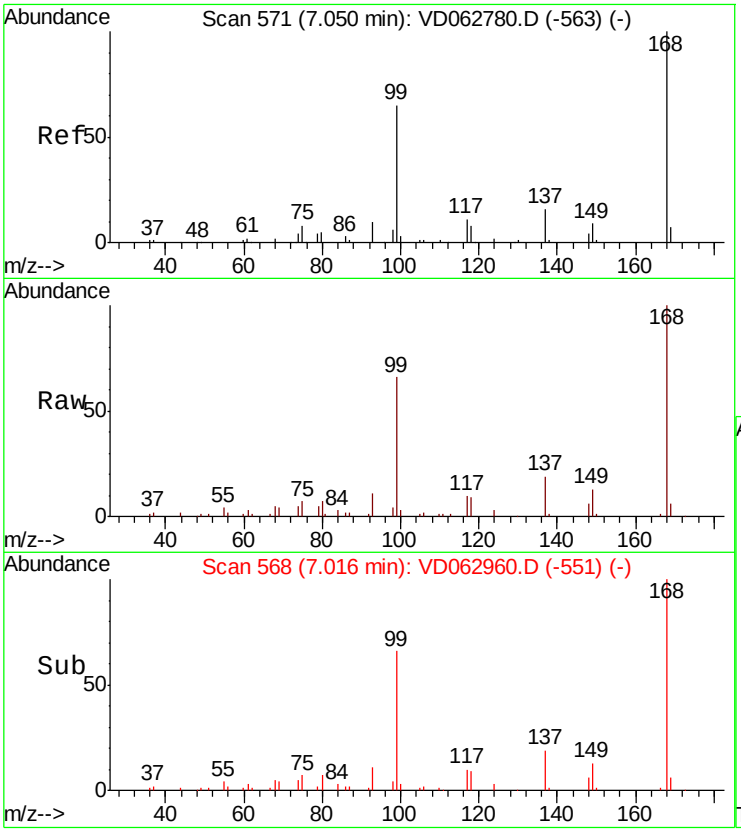
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
Data File : VD062960.D
Acq On : 28 Jun 2019 12:27
Operator : VA/AP
Sample : K3526-01RE
Misc : 5.01g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.0-4.5RE

Quant Time: Jun 29 00:14:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration



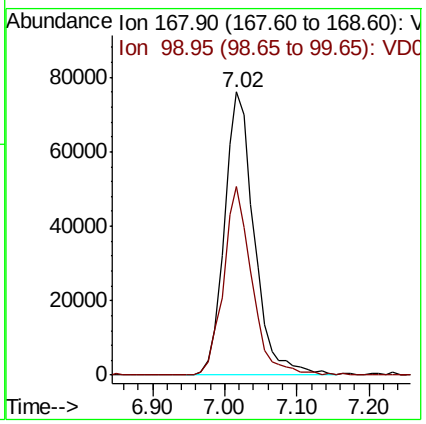


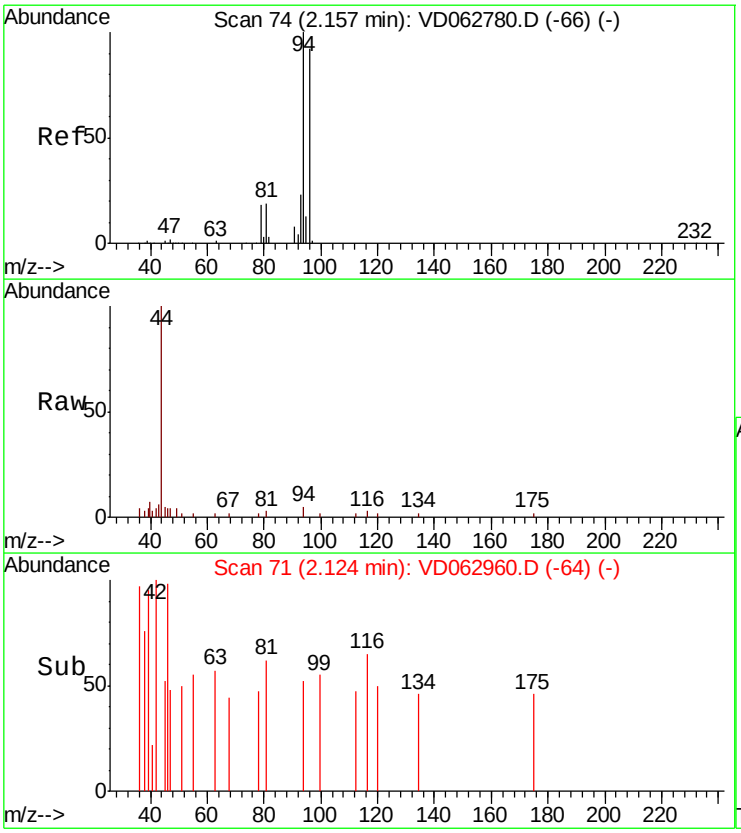
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.03 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.0-4.5RE

Tgt Ion:168 Resp: 217942

Ion	Ratio	Lower	Upper
168	100		
99	66.4	53.0	79.6

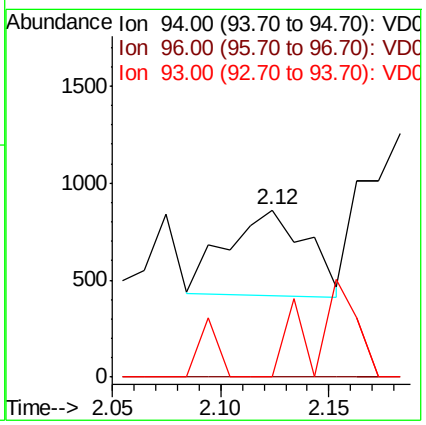


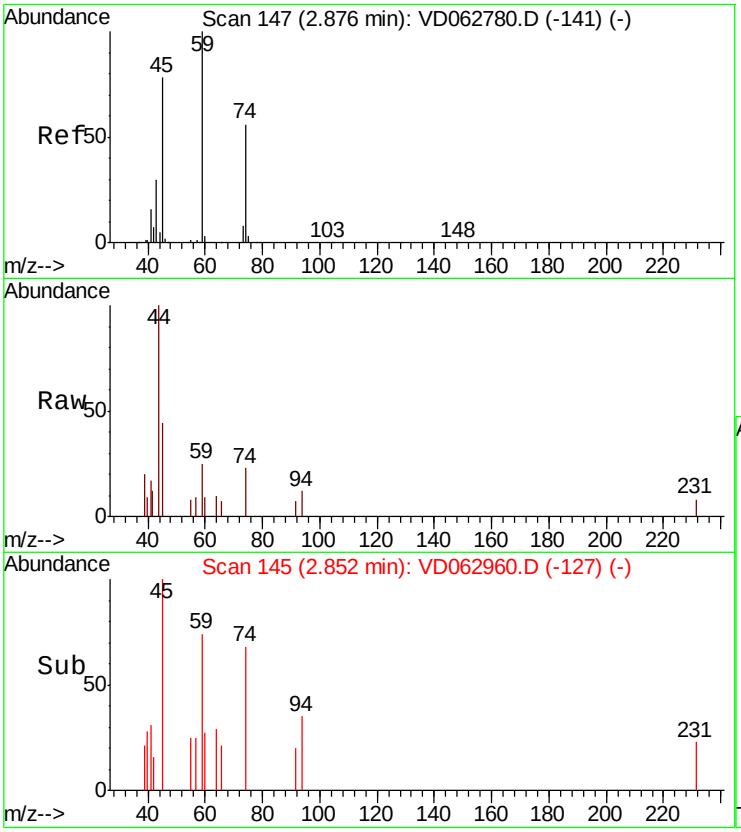


#5
Bromomethane
Concen: 1.134 ug/l
RT: 2.12 min Scan# 71
Delta R.T. -0.03 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Tgt Ion: 94 Resp: 1117

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.4	110.2#
93	0.0	18.2	27.4#



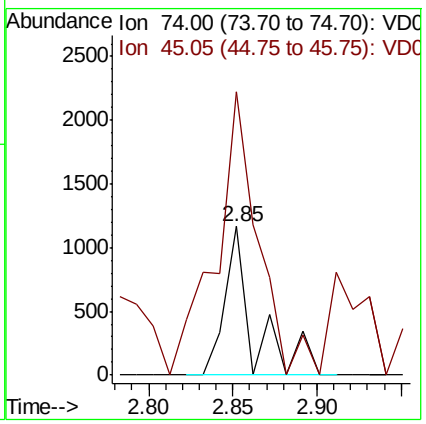


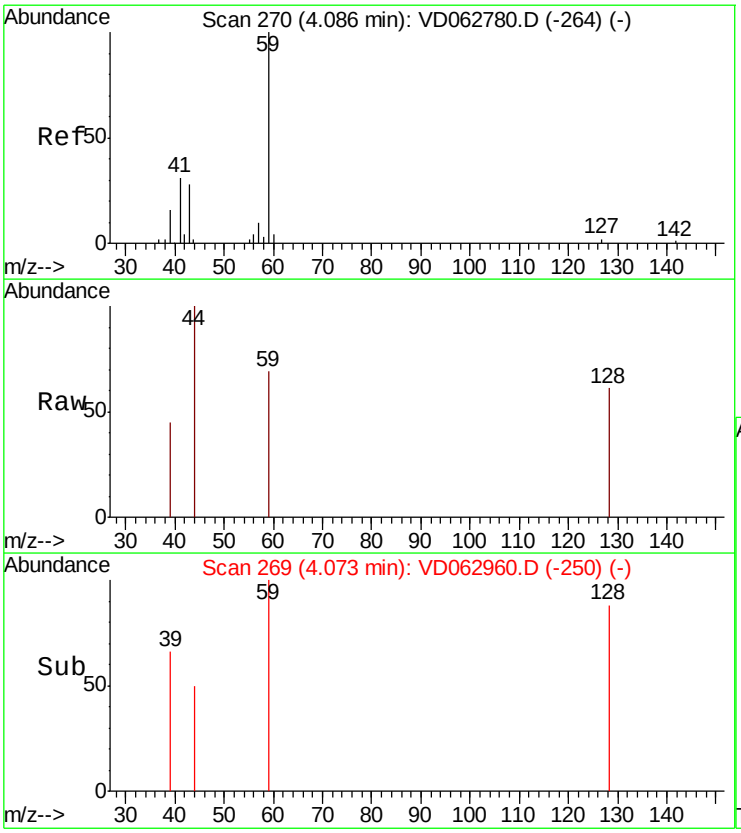
#8
Diethyl Ether
Concen: 2.528 ug/l
RT: 2.85 min Scan# 145
Delta R.T. -0.02 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.0-4.5RE

Tgt Ion: 74 Resp: 1367

Ion	Ratio	Lower	Upper
74	100		
45	190.6	70.2	210.6

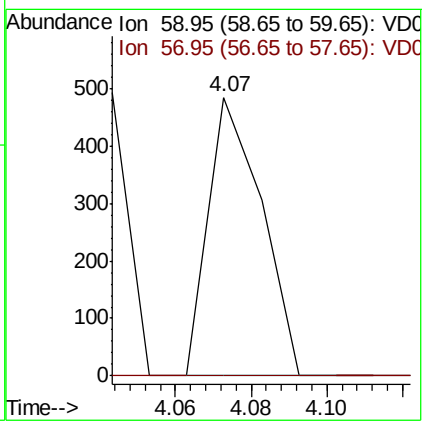


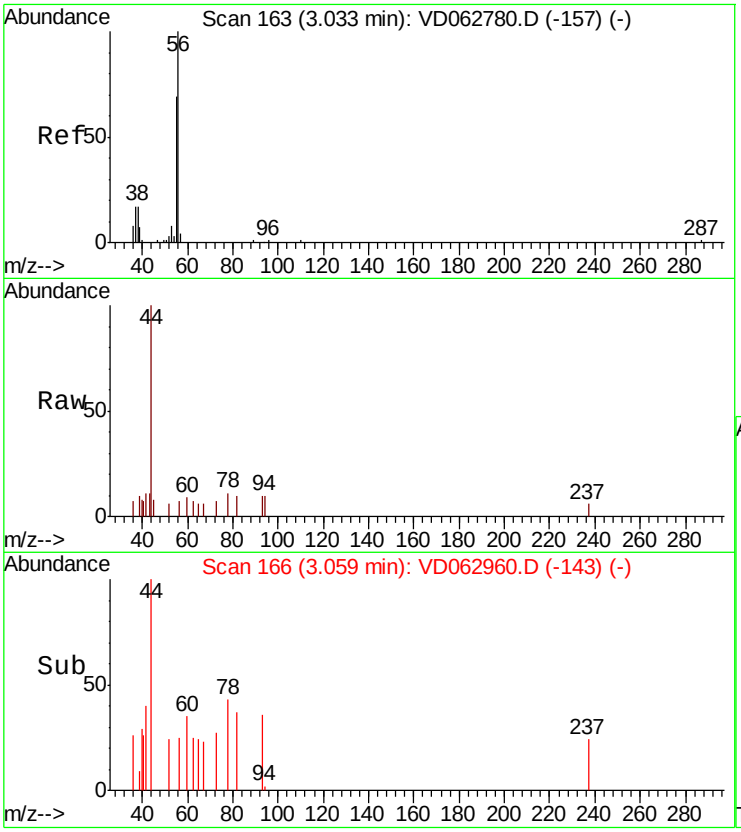


#11
Tert butyl alcohol
Concen: 4.338 ug/l
RT: 4.07 min Scan# 269
Delta R.T. -0.01 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Tgt Ion: 59 Resp: 468

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.6	10.0#



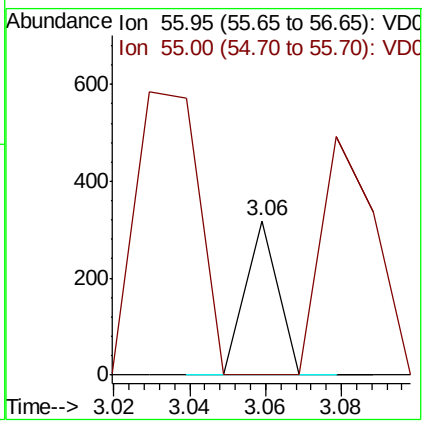


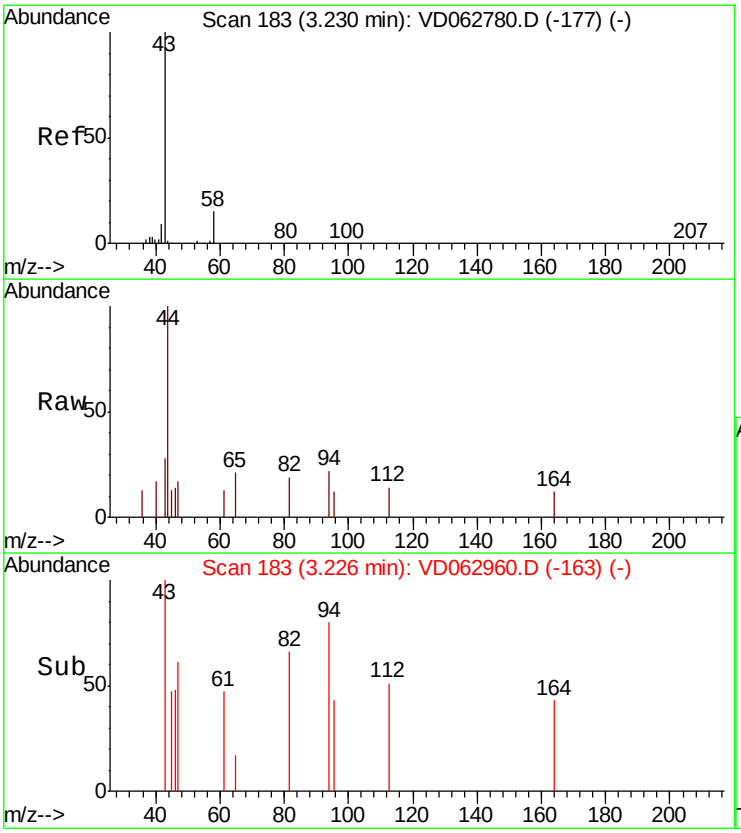
#13
Acrolein
Concen: 1.707 ug/l
RT: 3.06 min Scan# 166
Delta R.T. 0.03 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Instrument : MSVOA_D
ClientSampleId : SB-01-4.0-4.5RE

Tgt Ion: 56 Resp: 188

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.4	83.0#

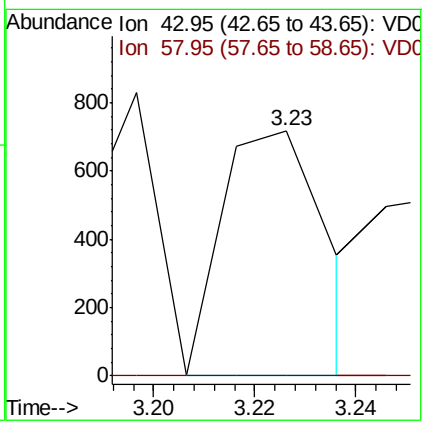


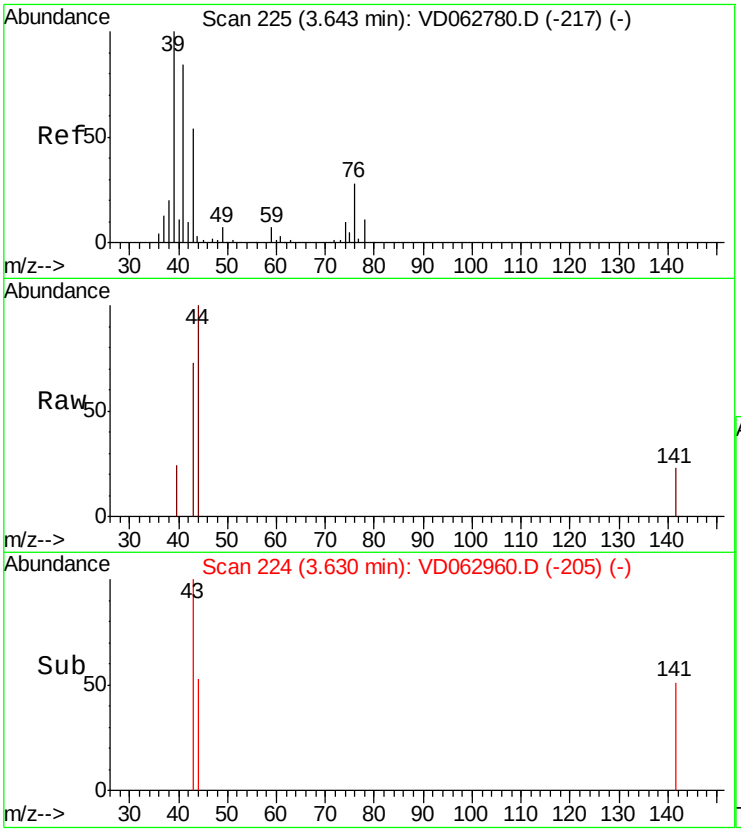


#16
Acetone
Concen: Below Cal
RT: 3.23 min Scan# 183
Delta R.T. -0.00 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Tgt Ion: 43 Resp: 1030

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.9	17.9#



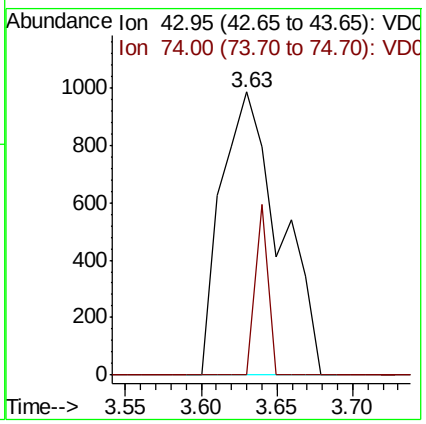


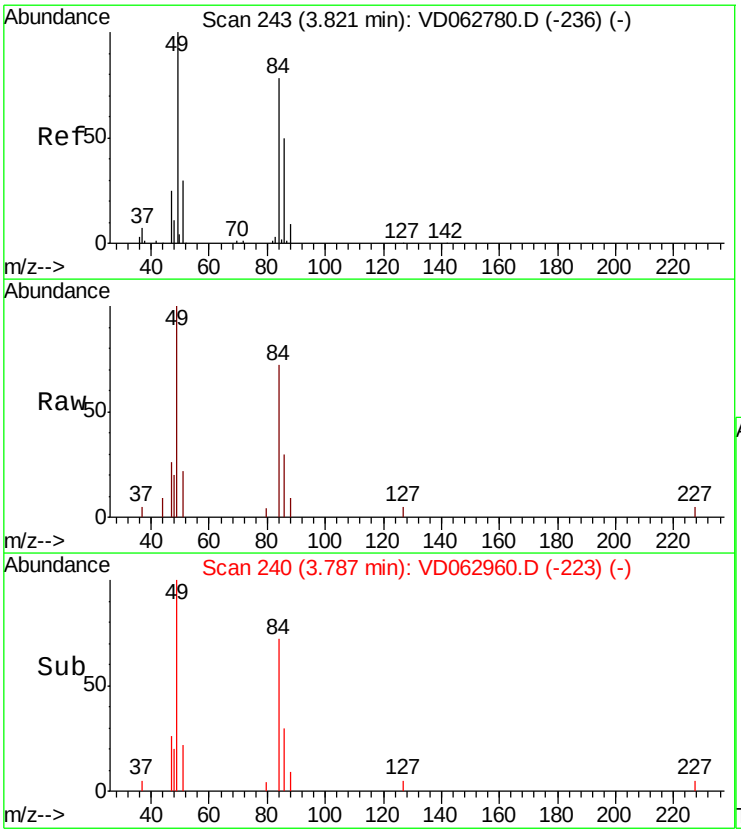
#18
Methyl Acetate
Concen: 3.714 ug/l
RT: 3.63 min Scan# 224
Delta R.T. -0.01 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Instrument : MSVOA_D
ClientSampleId : SB-01-4.0-4.5RE

Tgt Ion: 43 Resp: 2656

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.2	22.8#

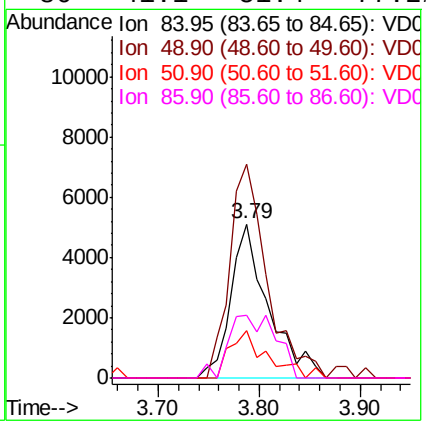


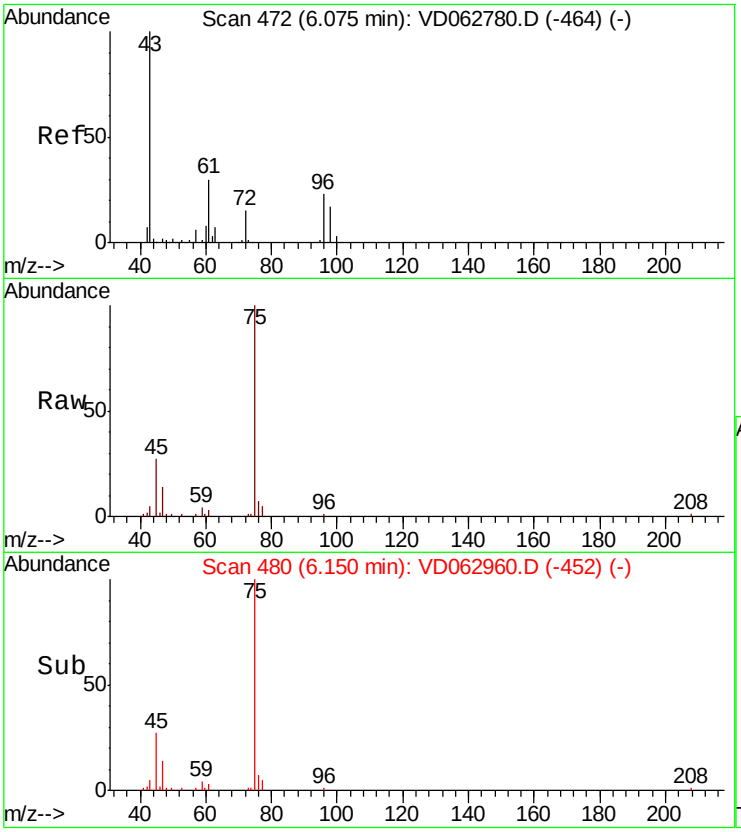


#20
Methylene Chloride
Concen: 7.293 ug/l
RT: 3.79 min Scan# 240
Delta R.T. -0.03 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Tgt Ion: 84 Resp: 13176

Ion	Ratio	Lower	Upper
84	100		
49	138.5	102.9	154.3
51	30.8	31.2	46.8#
86	41.1	51.4	77.2#



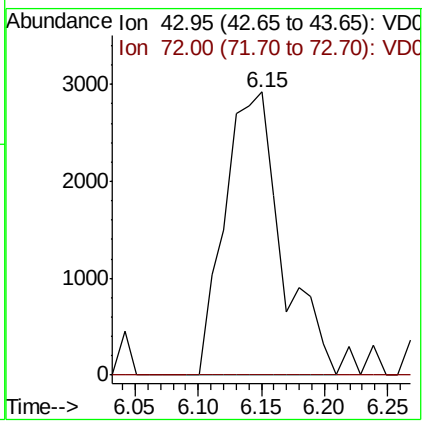


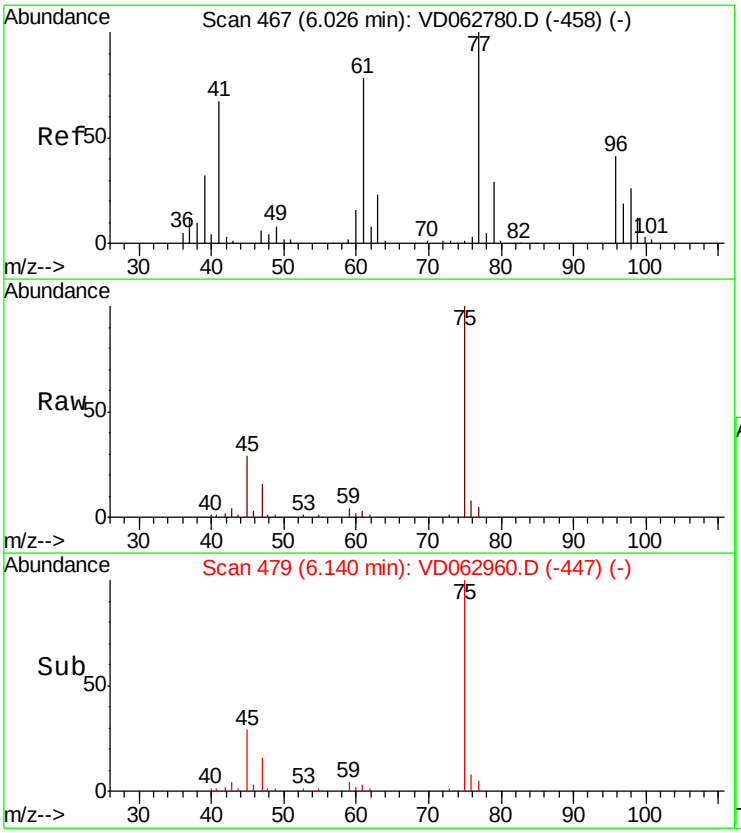
#25
2-Butanone
Concen: 20.642 ug/l
RT: 6.15 min Scan# 480
Delta R.T. 0.08 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Instrument : MSVOA_D
ClientSampleId : SB-01-4.0-4.5RE

Tgt Ion: 43 Resp: 9146

Ion	Ratio	Lower	Upper
43	100		
72	0.0	11.9	17.9#

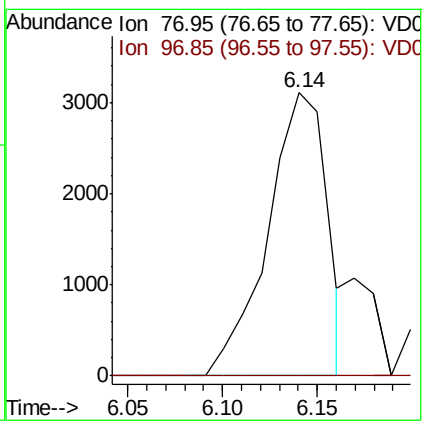


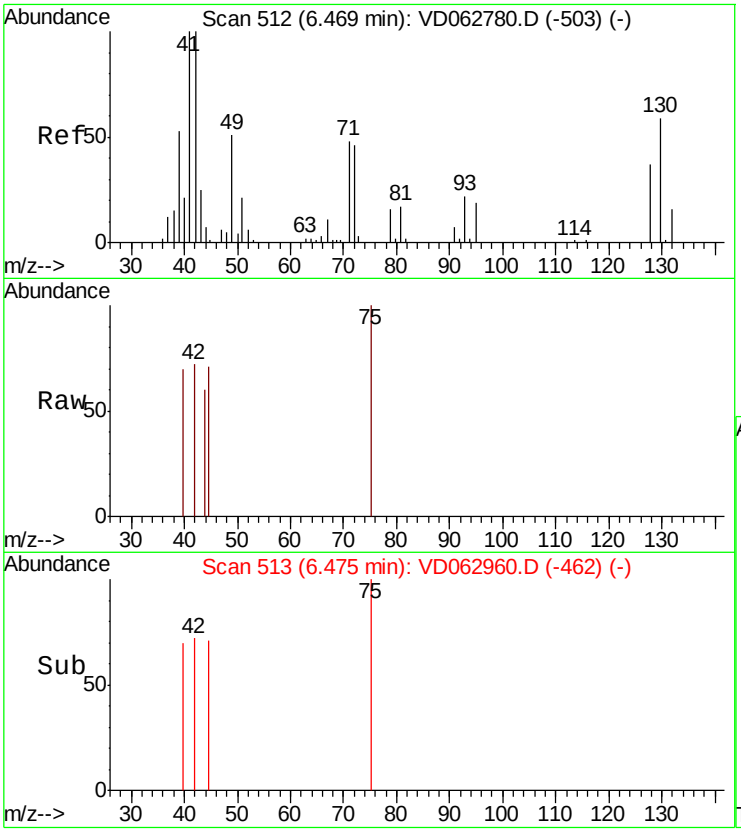


#26
2,2-Dichloropropane
Concen: 1.888 ug/l
RT: 6.14 min Scan# 479
Delta R.T. 0.11 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Tgt Ion: 77 Resp: 6773

Ion	Ratio	Lower	Upper
77	100		
97	0.0	9.5	28.5#



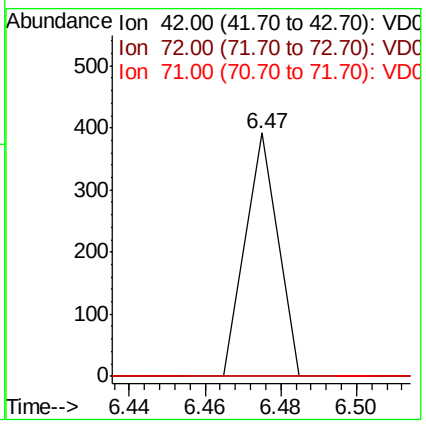


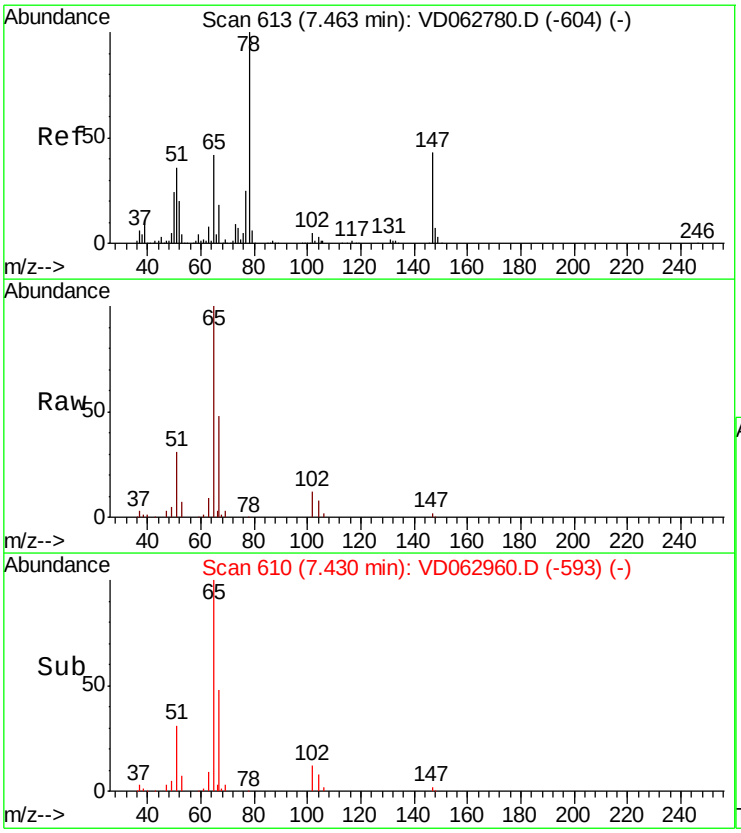
#29
Tetrahydrofuran
Concen: 1.102 ug/l
RT: 6.47 min Scan# 513
Delta R.T. 0.01 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.0-4.5RE

Tgt Ion: 42 Resp: 231

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.0	52.6#
71	0.0	33.3	49.9#

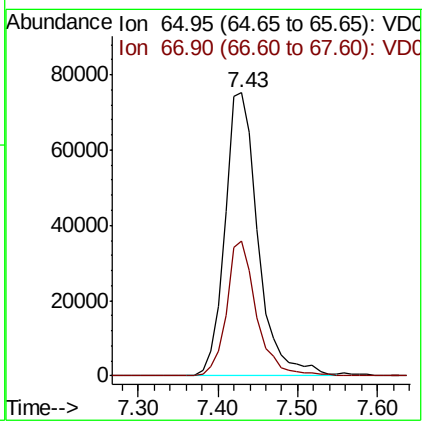


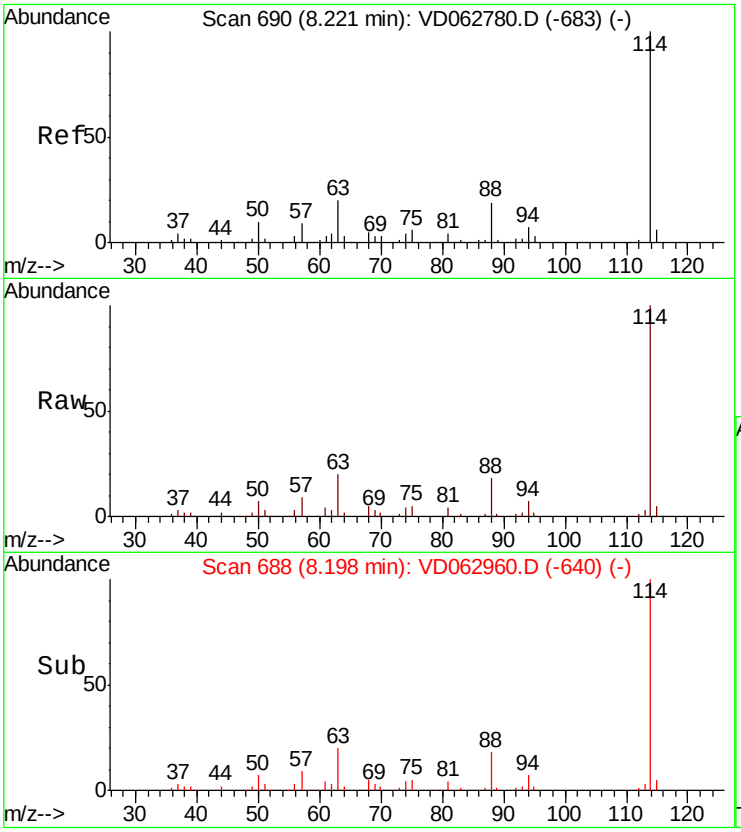


#33
1,2-Dichloroethane-d4
Concen: 92.278 ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.03 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Tgt Ion: 65 Resp: 218606

Ion	Ratio	Lower	Upper
65	100		
67	47.5	0.0	87.4



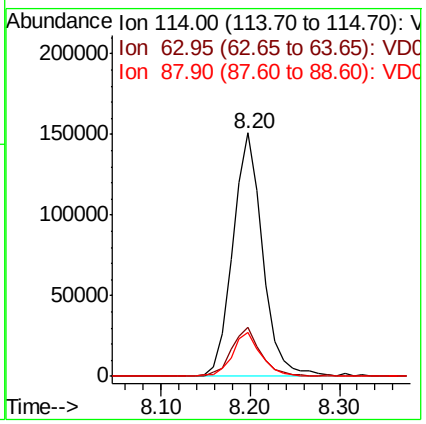


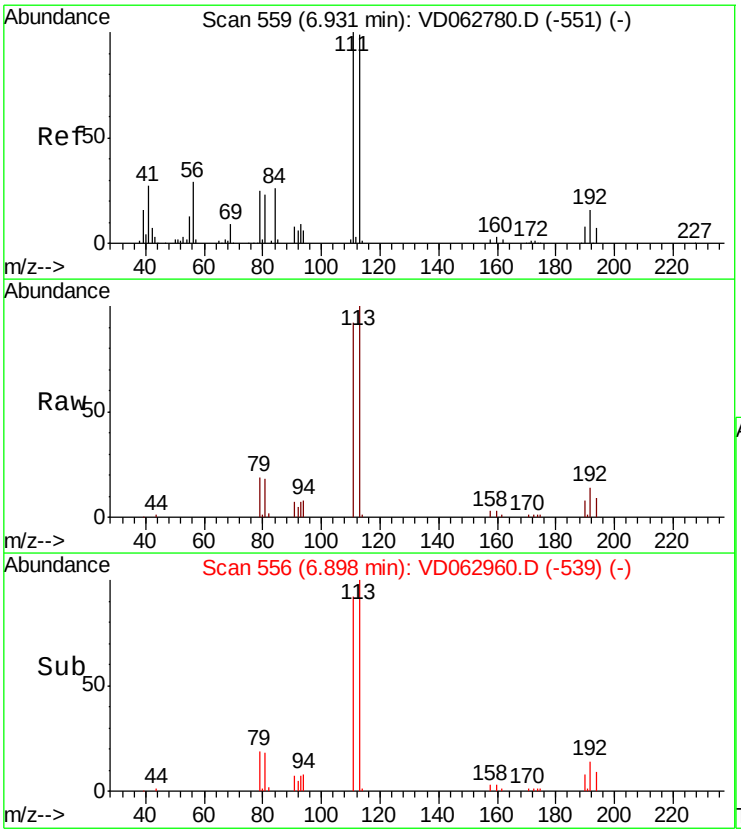
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 688
Delta R.T. -0.02 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.0-4.5RE

Tgt Ion:114 Resp: 351995

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.0
88	17.8	0.0	38.8

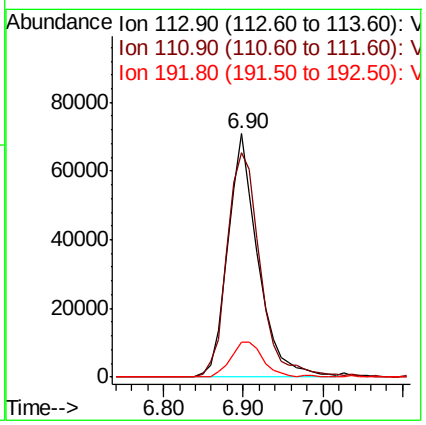


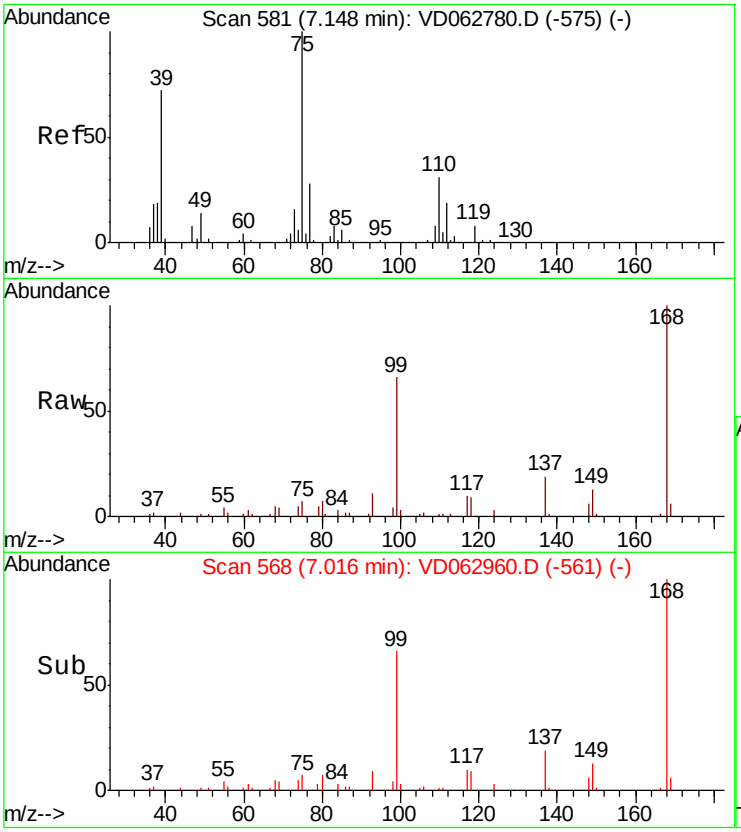


#35
Dibromofluoromethane
Concen: 63.202 ug/l
RT: 6.90 min Scan# 556
Delta R.T. -0.03 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Tgt Ion:113 Resp: 187583

Ion	Ratio	Lower	Upper
113	100		
111	92.4	81.2	121.8
192	14.3	12.9	19.3



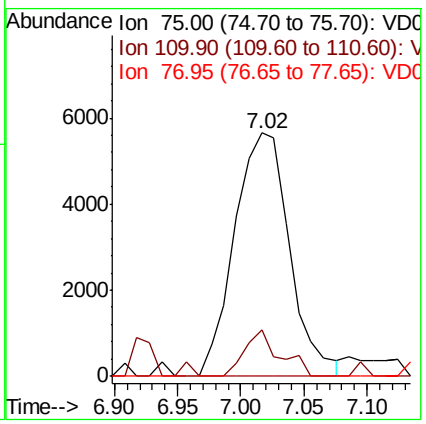


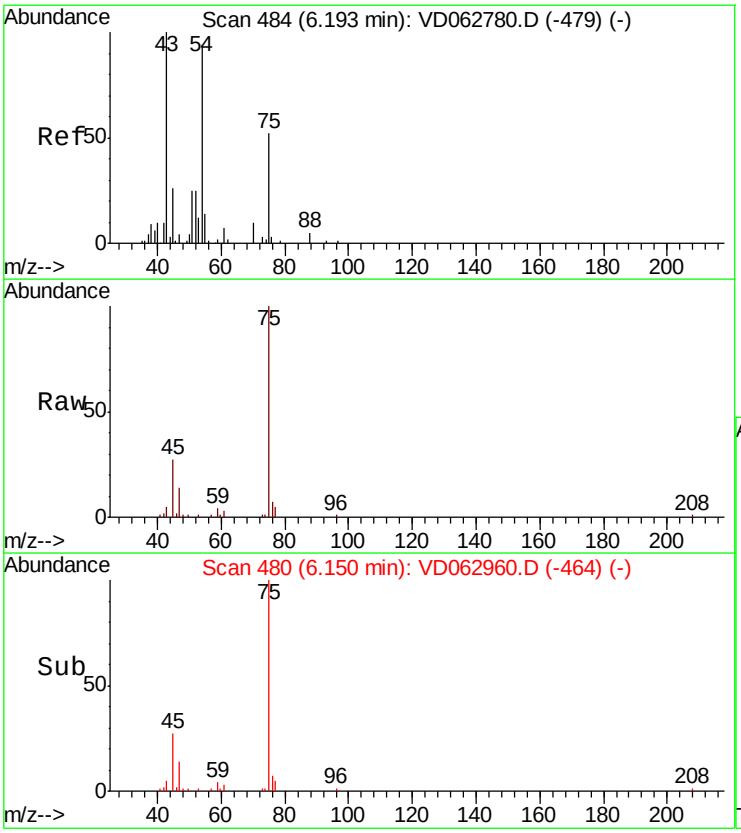
#36
1,1-Dichloropropene
Concen: 5.129 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.13 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Instrument : MSVOA_D
ClientSampleId : SB-01-4.0-4.5RE

Tgt Ion: 75 Resp: 17089

Ion	Ratio	Lower	Upper
75	100		
110	18.9	15.0	45.1
77	0.0	22.2	33.2#

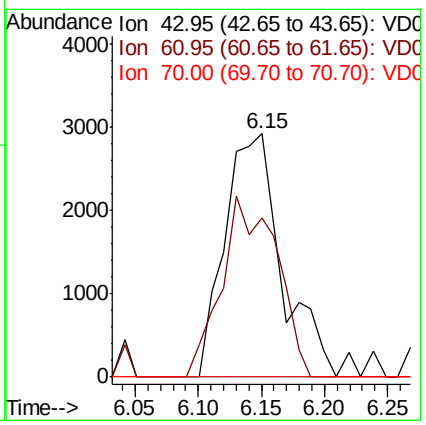


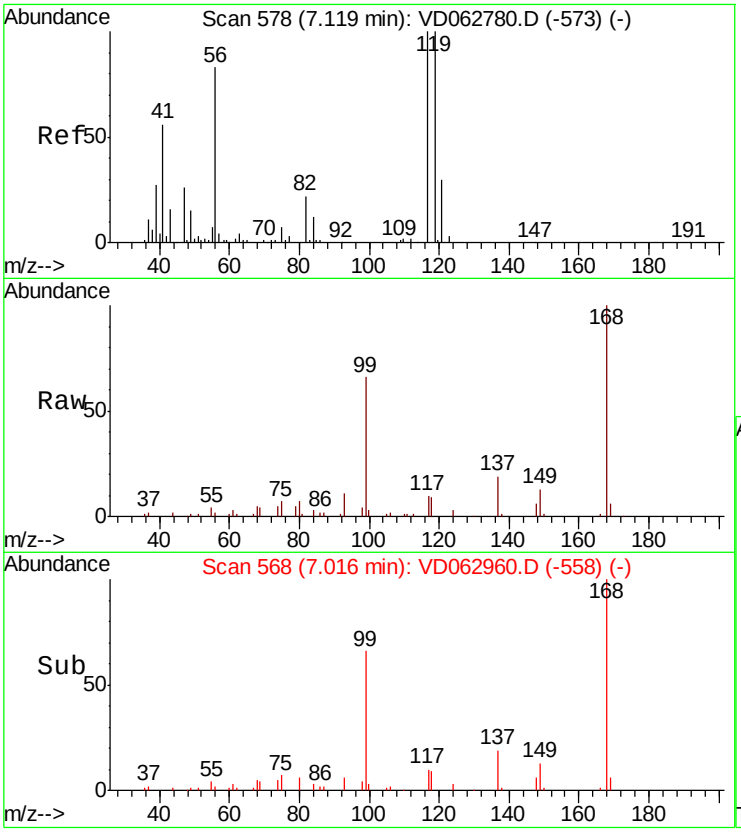


#37
Ethyl Acetate
Concen: 5.555 ug/l
RT: 6.15 min Scan# 480
Delta R.T. -0.04 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Tgt Ion: 43 Resp: 9146

Ion	Ratio	Lower	Upper
43	100		
61	65.5	11.6	17.4#
70	0.0	6.4	9.6#



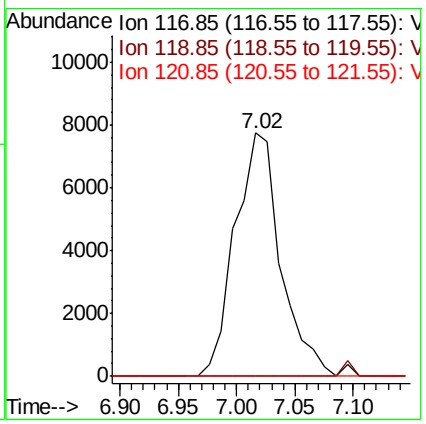


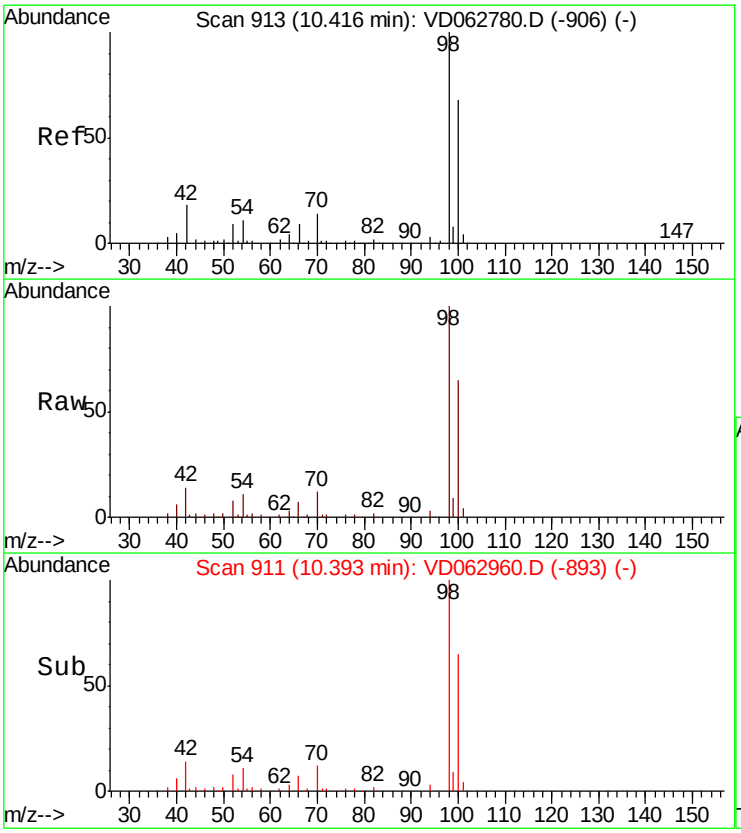
#38
Carbon Tetrachloride
Concen: 4.191 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.10 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.0-4.5RE

Tgt Ion:117 Resp: 21003

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.4	113.2#
121	0.0	22.3	33.5#

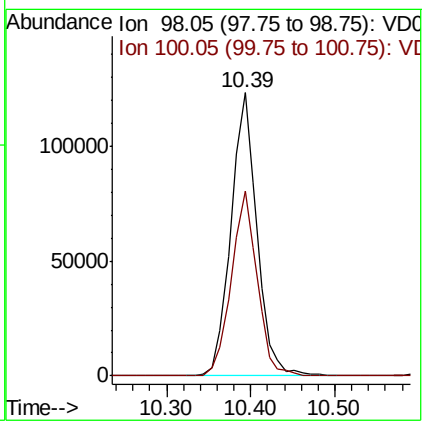


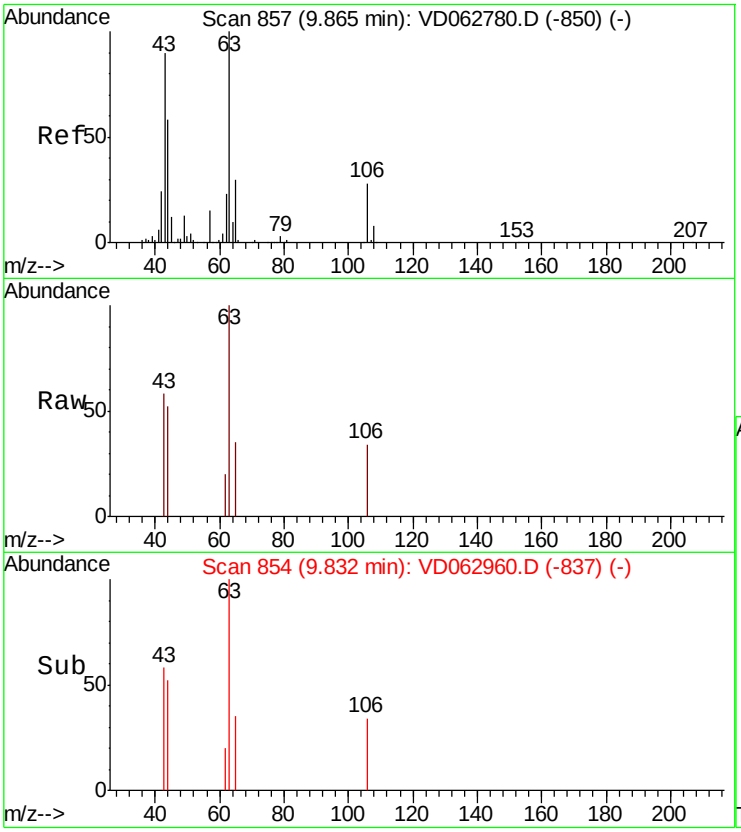


#50
Toluene-d8
Concen: 40.733 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Tgt Ion: 98 Resp: 263124

Ion	Ratio	Lower	Upper
98	100		
100	65.1	54.7	82.1



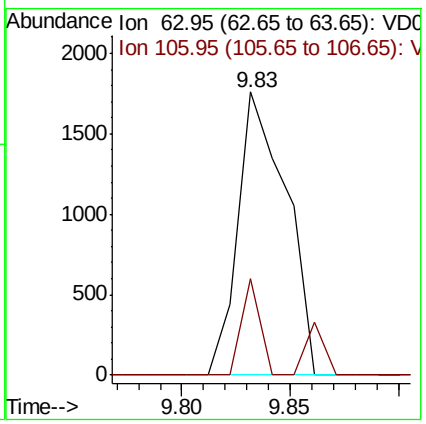


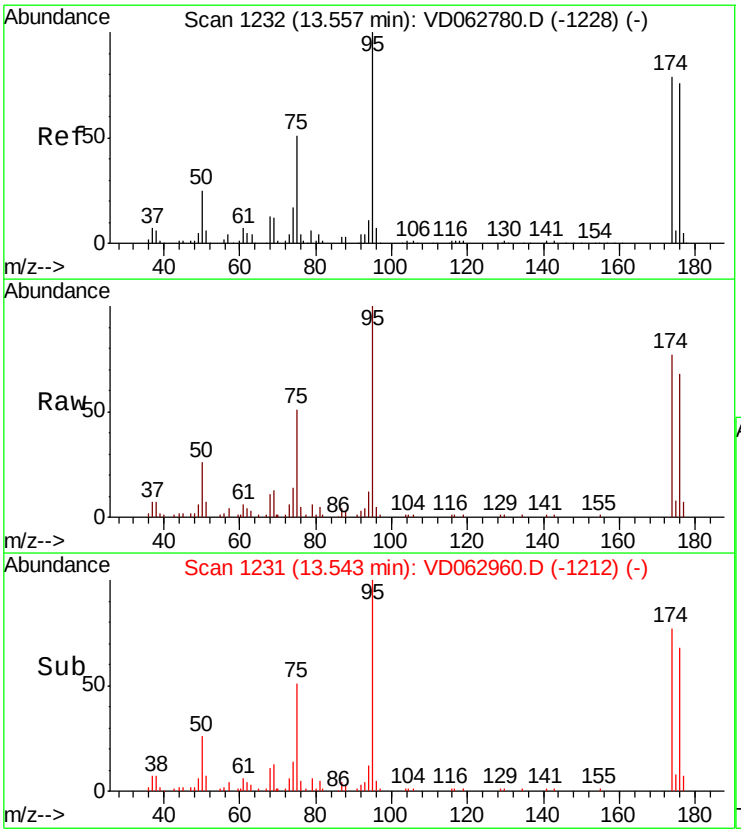
#58
2-Chloroethyl Vinyl ether
Concen: 3.205 ug/l
RT: 9.83 min Scan# 854
Delta R.T. -0.03 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Instrument : MSVOA_D
ClientSampleId : SB-01-4.0-4.5RE

Tgt Ion: 63 Resp: 2716

Ion	Ratio	Lower	Upper
63	100		
106	34.2	22.1	33.1#

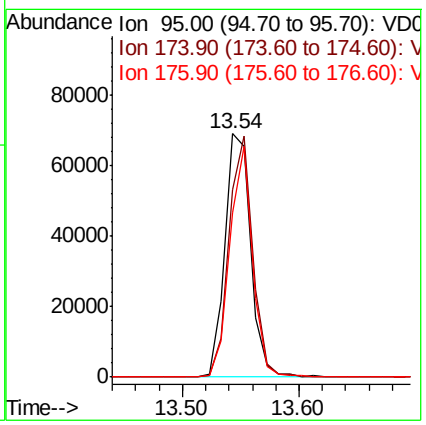


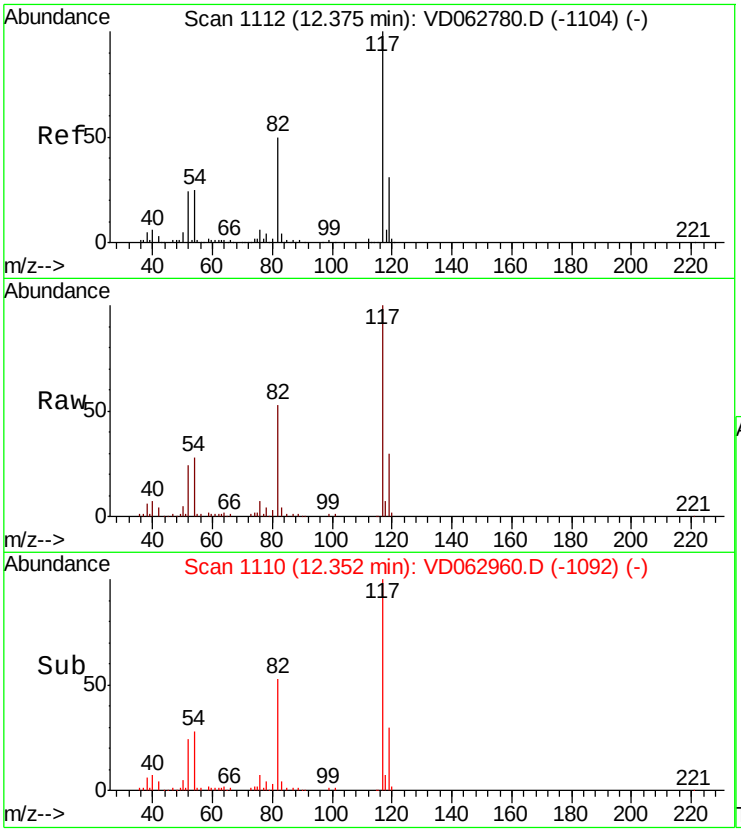


#62
4-Bromofluorobenzene
Concen: 36.086 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Tgt Ion: 95 Resp: 105995

Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	158.0
176	67.6	0.0	151.6



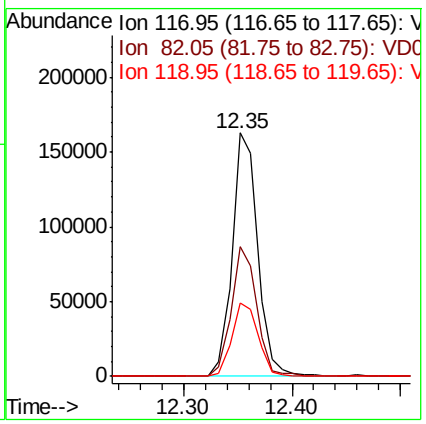


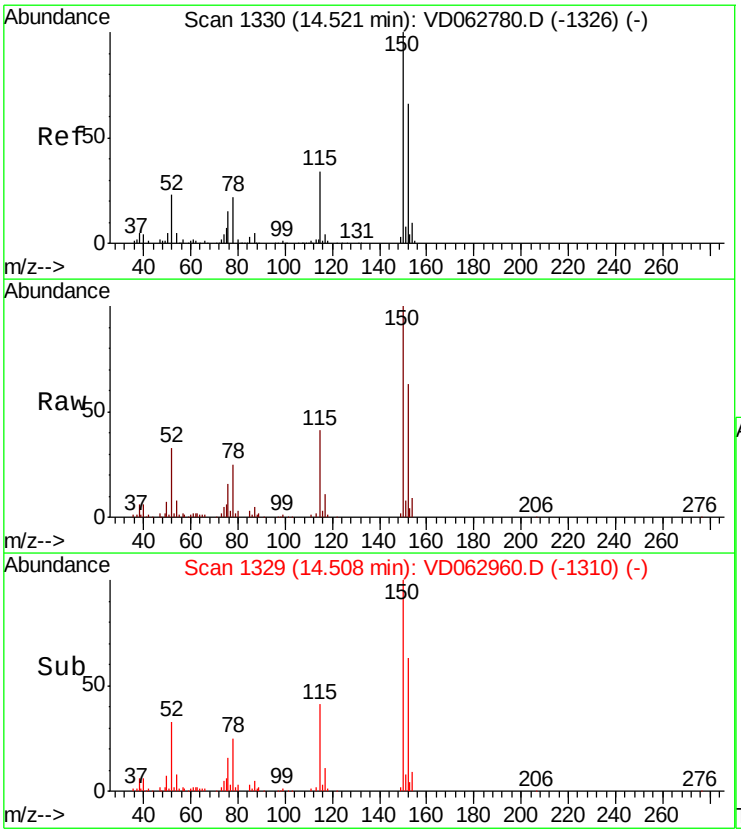
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Instrument : MSVOA_D
ClientSampleId : SB-01-4.0-4.5RE

Tgt Ion:117 Resp: 266194

Ion	Ratio	Lower	Upper
117	100		
82	53.3	40.4	60.6
119	29.9	25.2	37.8

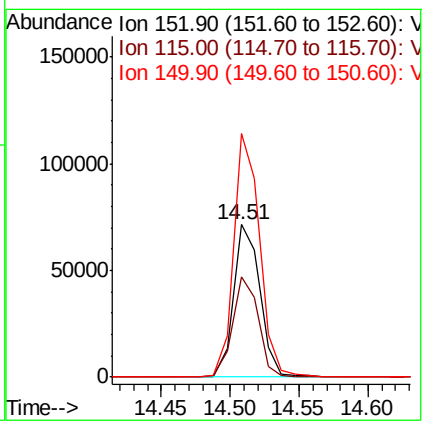


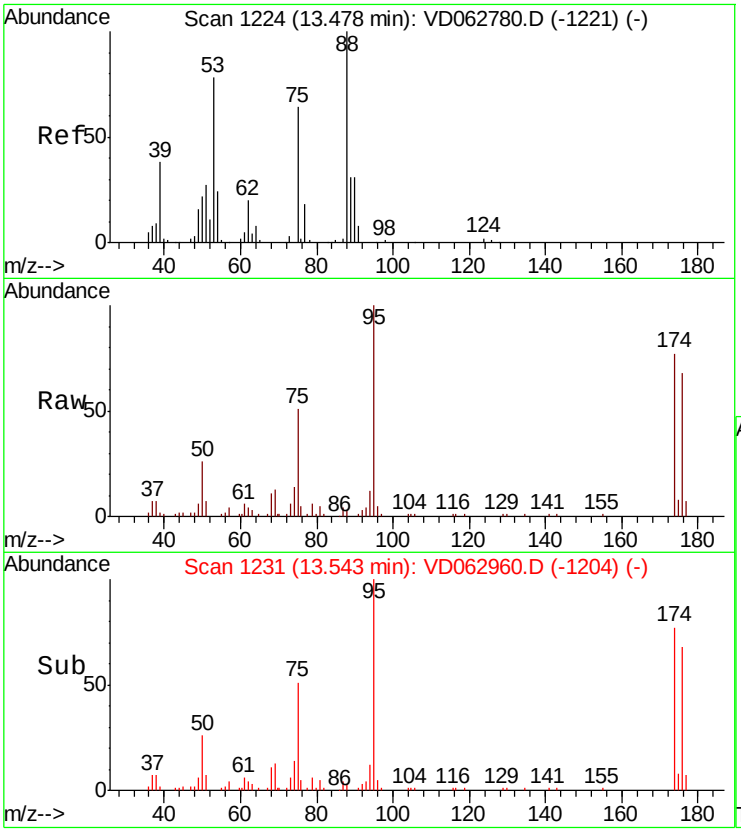


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Tgt Ion:152 Resp: 95704

Ion	Ratio	Lower	Upper
152	100		
115	65.7	29.2	87.6
150	159.7	0.0	305.8



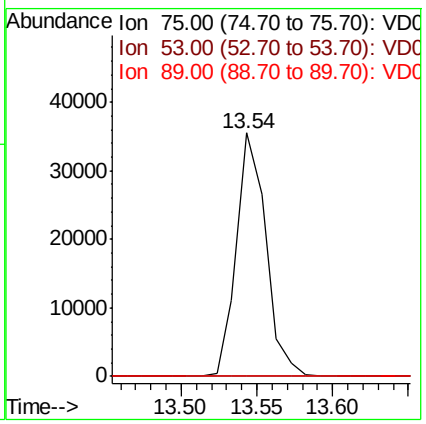


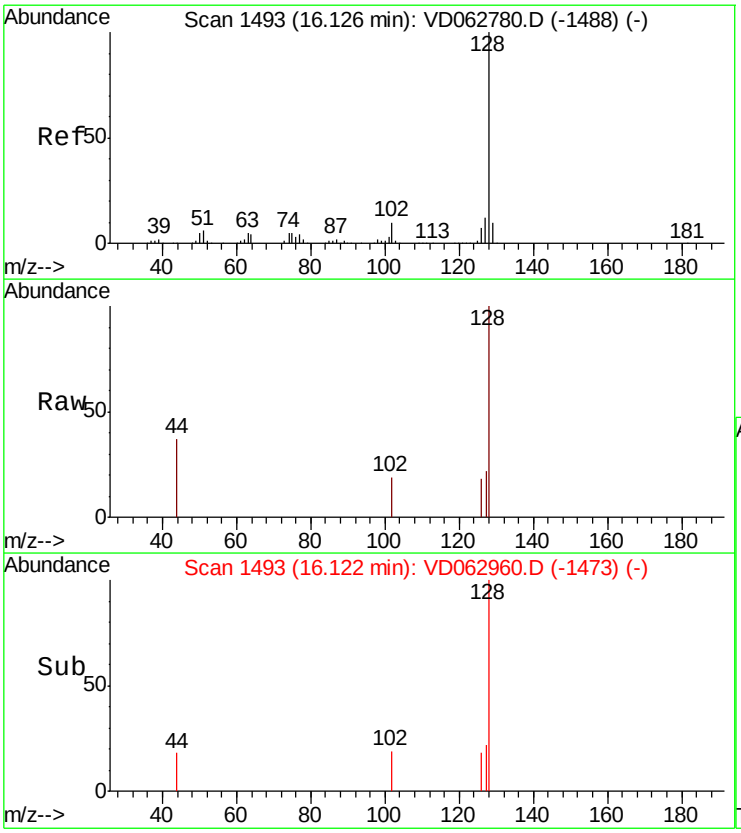
#81
trans-1,4-Dichloro-2-butene
Concen: 166.380 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.07 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Instrument : MSVOA_D
ClientSampleId : SB-01-4.0-4.5RE

Tgt Ion: 75 Resp: 48177

Ion	Ratio	Lower	Upper
75	100		
53	0.0	97.8	146.8#
89	0.0	39.4	59.2#





#95
Naphthalene
Concen: 1.135 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Tgt Ion:128 Resp: 3145

Ion	Ratio	Lower	Upper
128	100		
127	22.3	9.7	14.5#
129	0.0	8.3	12.5#