Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062819\
Data File : VD062956.D
Acq On : 28 Jun 2019 10:29
Operator : VA/AP
Sample : VD0628SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0628SBL01

Quant Time: Jun 29 00:12:56 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	951191	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	1271136	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	1091371	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	558109	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	508181	49.15	ug/l	-0.03
Spiked Amount 50.000			Recovery = 98.30%			
35) Dibromofluoromethane	6.90	113	528371	49.30	ug/l	-0.03
Spiked Amount 50.000			Recovery = 98.60%			
50) Toluene-d8	10.38	98	1191616	51.08	ug/l	-0.03
Spiked Amount 50.000			Recovery = 102.16%			
62) 4-Bromofluorobenzene	13.54	95	493731	46.55	ug/l	-0.01
Spiked Amount 50.000			Recovery = 93.10%			
Target Compounds						Qvalue
15) Acrylonitrile	4.17	53	3089	2.792	ug/l #	44
16) Acetone	3.20	43	10214	Below Cal	#	64
20) Methylene Chloride	3.80	84	10240	1.299	ug/l #	81
25) 2-Butanone	6.06	43	3030	1.567	ug/l #	64
29) Tetrahydrofuran	6.45	42	1484	1.622	ug/l #	66
37) Ethyl Acetate	6.19	43	228	Below Cal	#	69
38) Carbon Tetrachloride	7.02	117	98359	5.435	ug/l #	16
51) 4-Methyl-2-Pentanone	10.28	43	6985	1.562	ug/l #	85
59) 2-Hexanone	11.52	43	4659	1.463	ug/l	78
81) trans-1,4-Dichloro-2-buten	13.54	75	239321	141.727	ug/l #	2

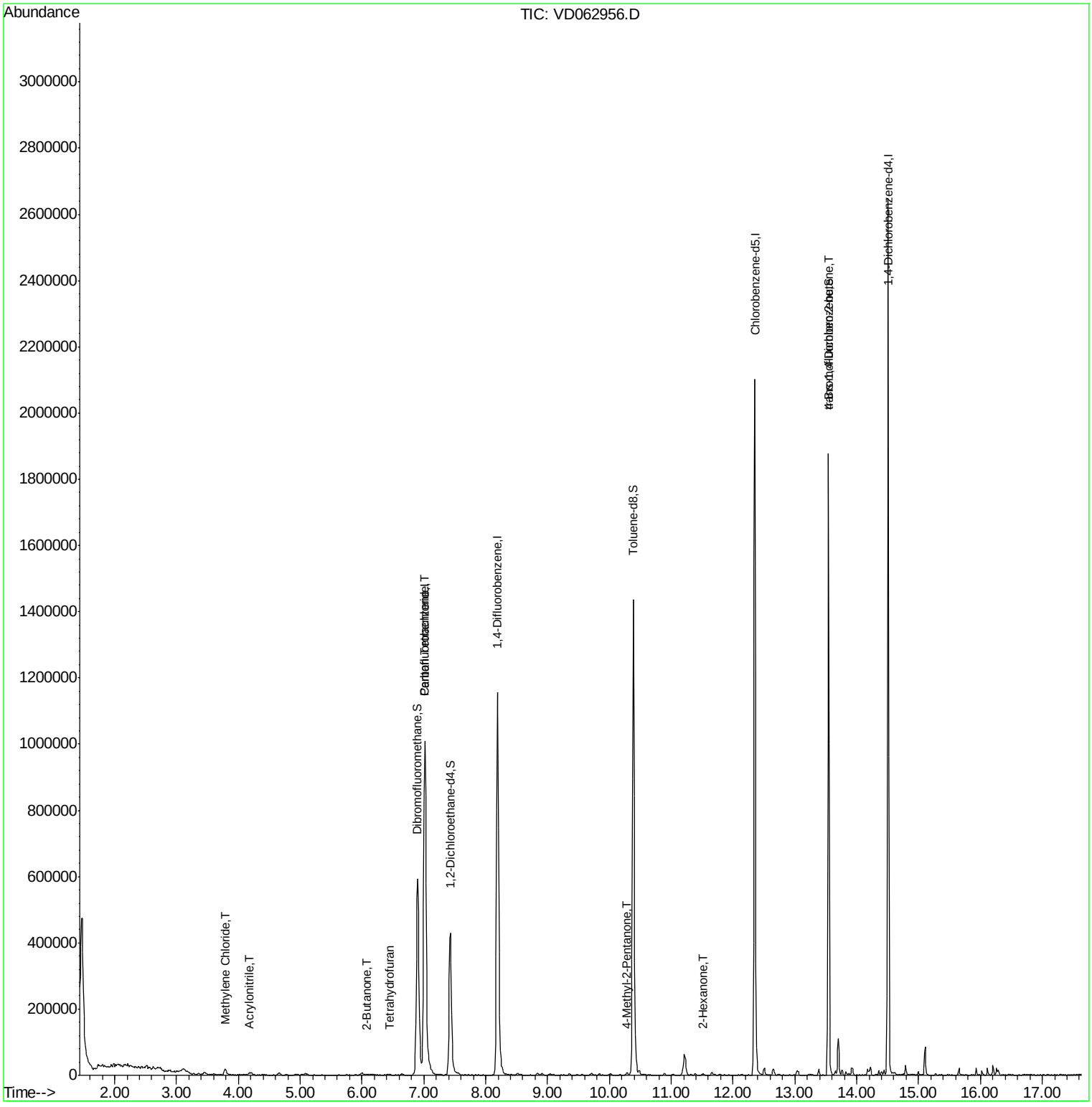
(#) = qualifier out of range (m) = manual integration (+) = signals summed

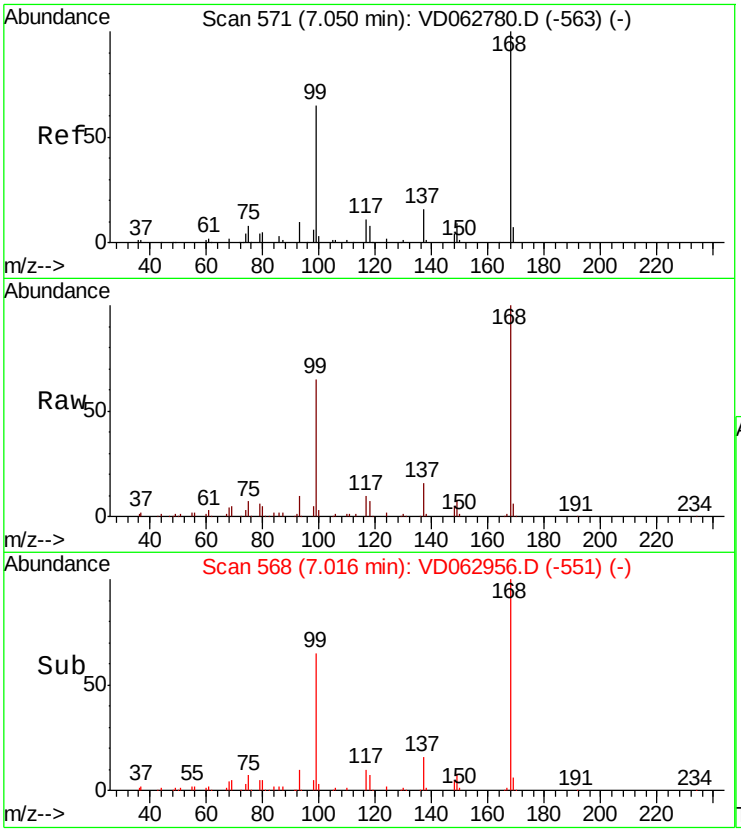
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
Data File : VD062956.D
Acq On : 28 Jun 2019 10:29
Operator : VA/AP
Sample : VD0628SBL01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0628SBL01

Quant Time: Jun 29 00:12:56 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



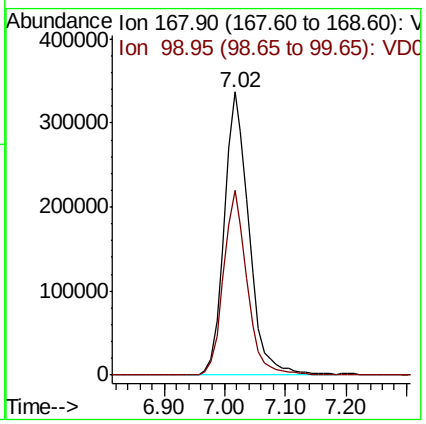


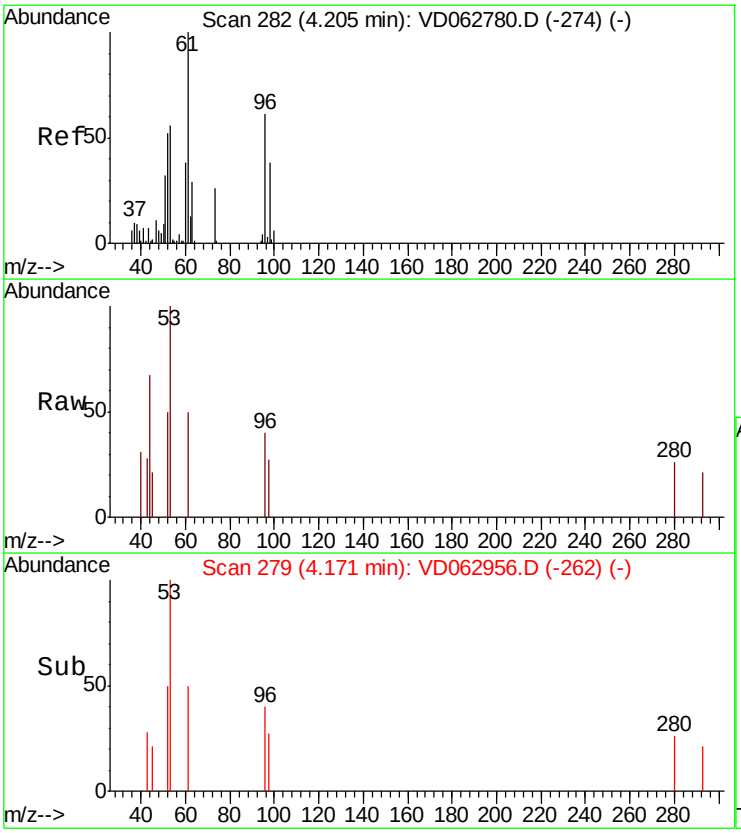
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.03 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

Instrument :
MSVOA_D
ClientSampleId :
VD0628SBL01

Tgt Ion:168 Resp: 951191

Ion	Ratio	Lower	Upper
168	100		
99	65.2	53.0	79.6

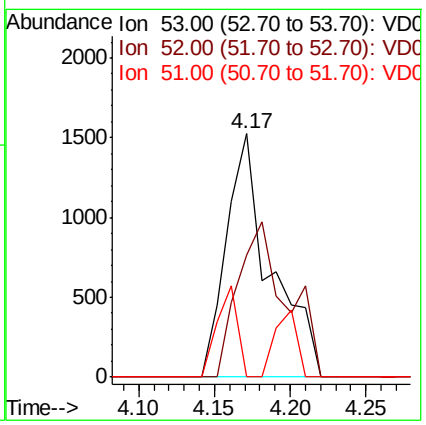


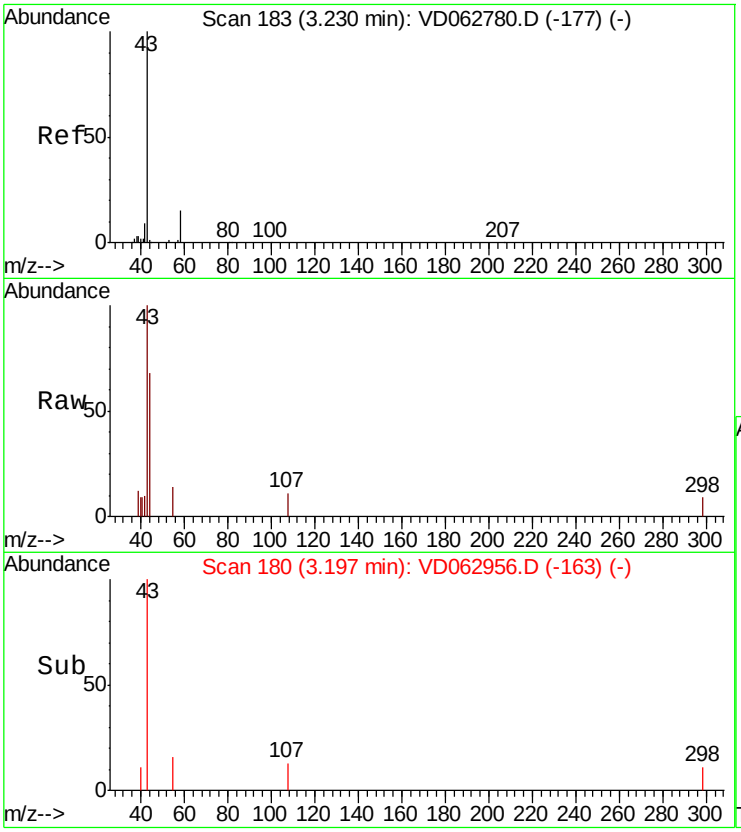


#15
Acrylonitrile
Concen: 2.792 ug/l
RT: 4.17 min Scan# 279
Delta R.T. -0.03 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

Tgt Ion: 53 Resp: 3089

Ion	Ratio	Lower	Upper
53	100		
52	50.2	73.3	109.9#
51	0.0	44.8	67.2#



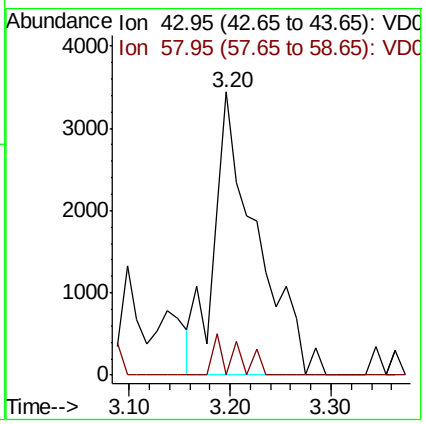


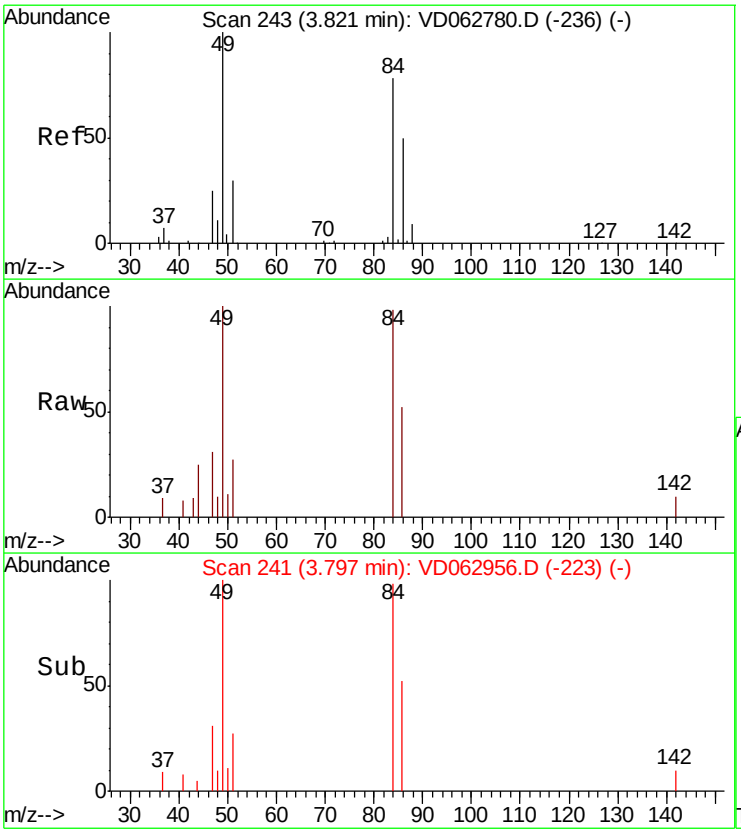
#16
Acetone
Concen: Below Cal
RT: 3.20 min Scan# 180
Delta R.T. -0.03 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

Instrument : MSVOA_D
ClientSampleId : VD0628SBL01

Tgt Ion: 43 Resp: 10214

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.9	17.9#

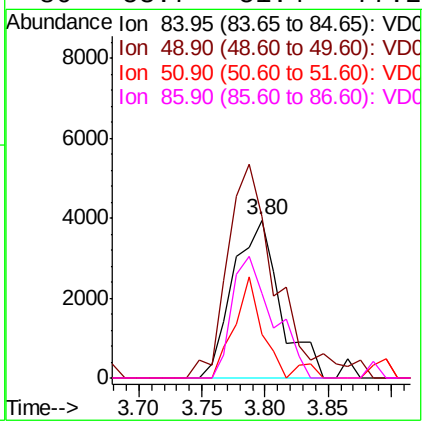


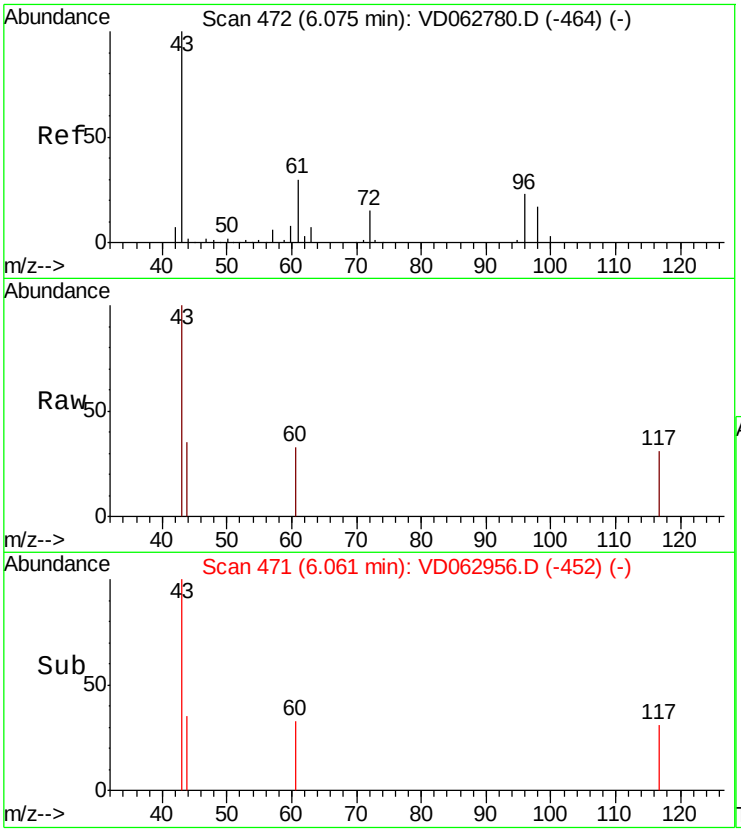


#20
Methylene Chloride
Concen: 1.299 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

Tgt Ion: 84 Resp: 10240

Ion	Ratio	Lower	Upper
84	100		
49	102.6	102.9	154.3#
51	27.6	31.2	46.8#
86	53.7	51.4	77.2



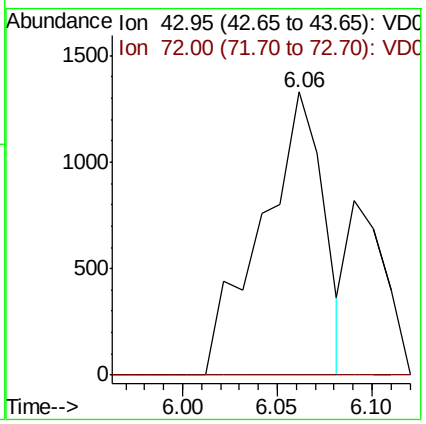


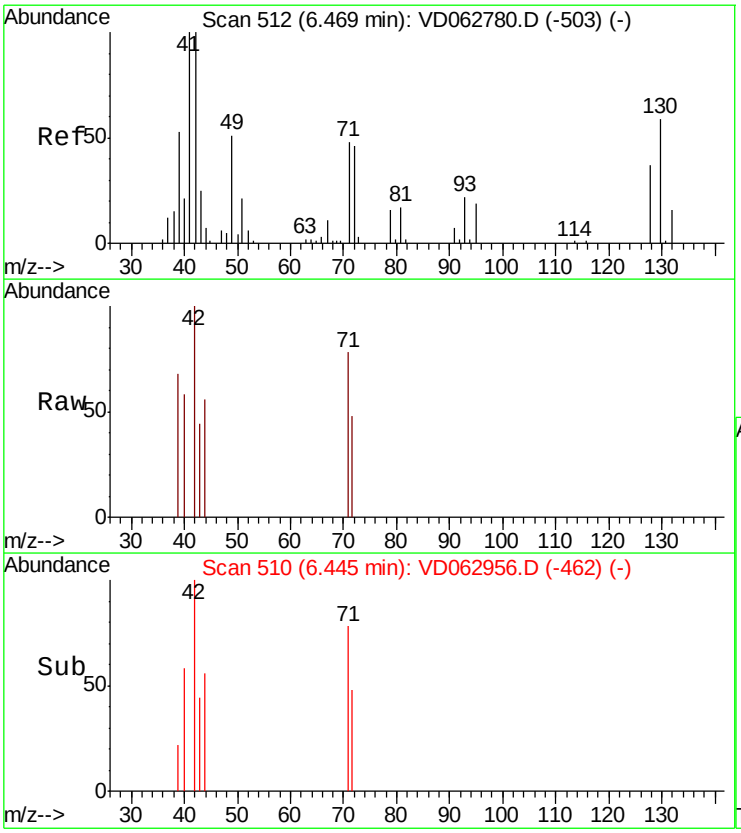
#25
2-Butanone
Concen: 1.567 ug/l
RT: 6.06 min Scan# 471
Delta R.T. -0.01 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

Instrument :
MSVOA_D
ClientSampleId :
VD0628SBL01

Tgt Ion: 43 Resp: 3030

Ion	Ratio	Lower	Upper
43	100		
72	0.0	11.9	17.9#

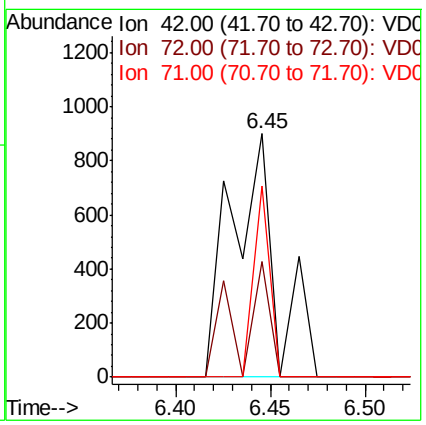


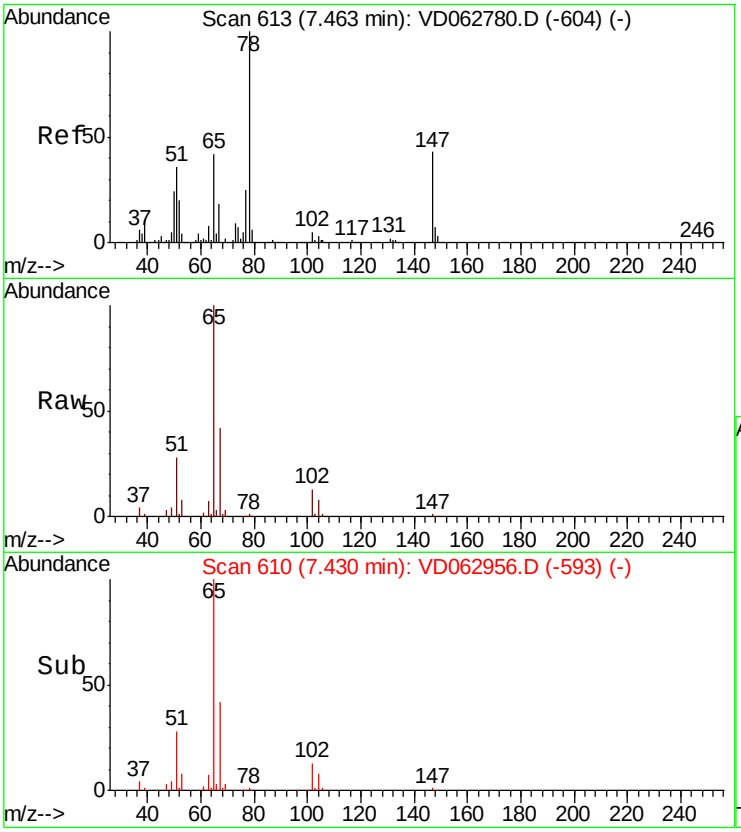


#29
Tetrahydrofuran
Concen: 1.622 ug/l
RT: 6.45 min Scan# 510
Delta R.T. -0.02 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

Tgt Ion: 42 Resp: 1484

Ion	Ratio	Lower	Upper
42	100		
72	14.2	35.0	52.6#
71	28.0	33.3	49.9#



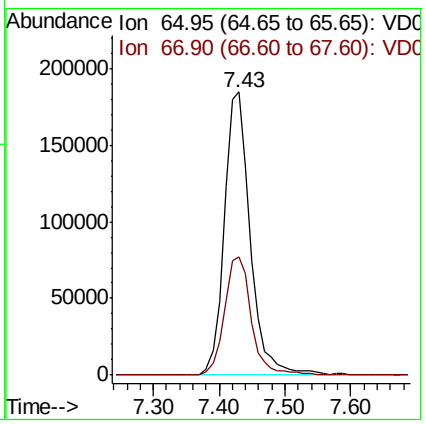


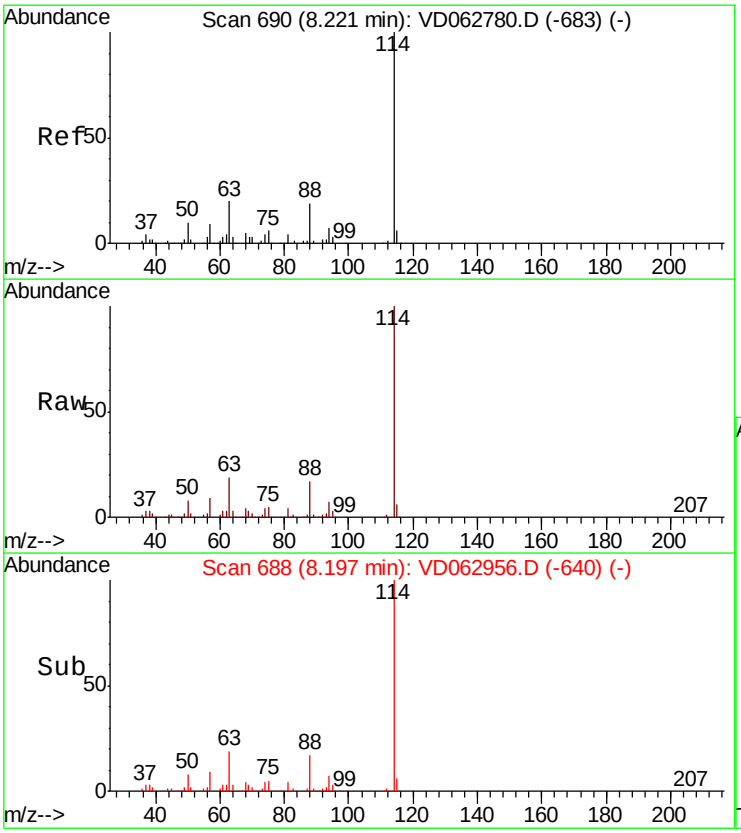
#33
1,2-Dichloroethane-d4
Concen: 49.150 ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.03 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

Instrument :
MSVOA_D
ClientSampleId :
VD0628SBL01

Tgt Ion: 65 Resp: 508181

Ion	Ratio	Lower	Upper
65	100		
67	41.9	0.0	87.4

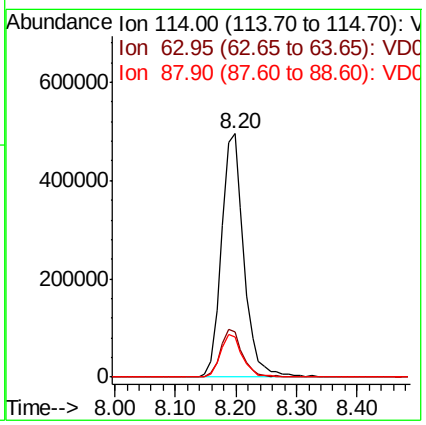


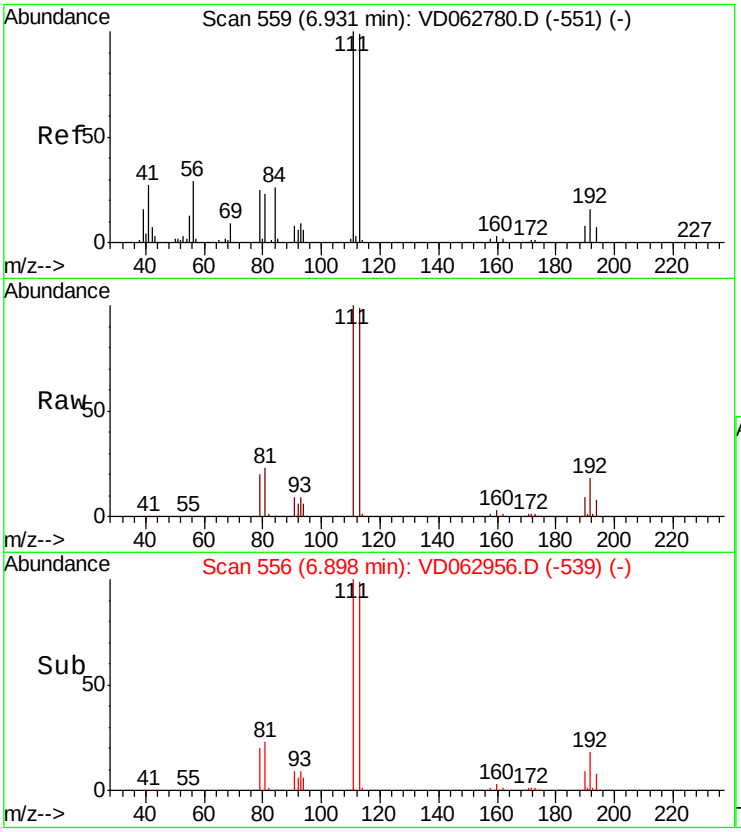


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 688
Delta R.T. -0.02 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

Tgt Ion:114 Resp: 1271136

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	40.0
88	16.7	0.0	38.8



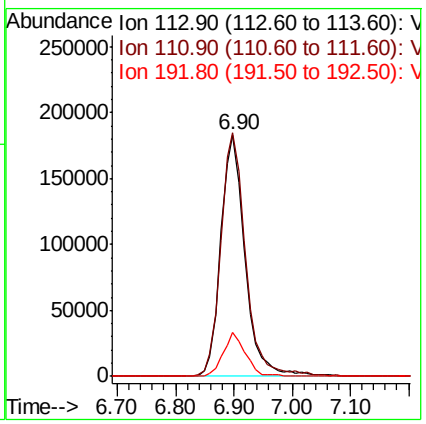


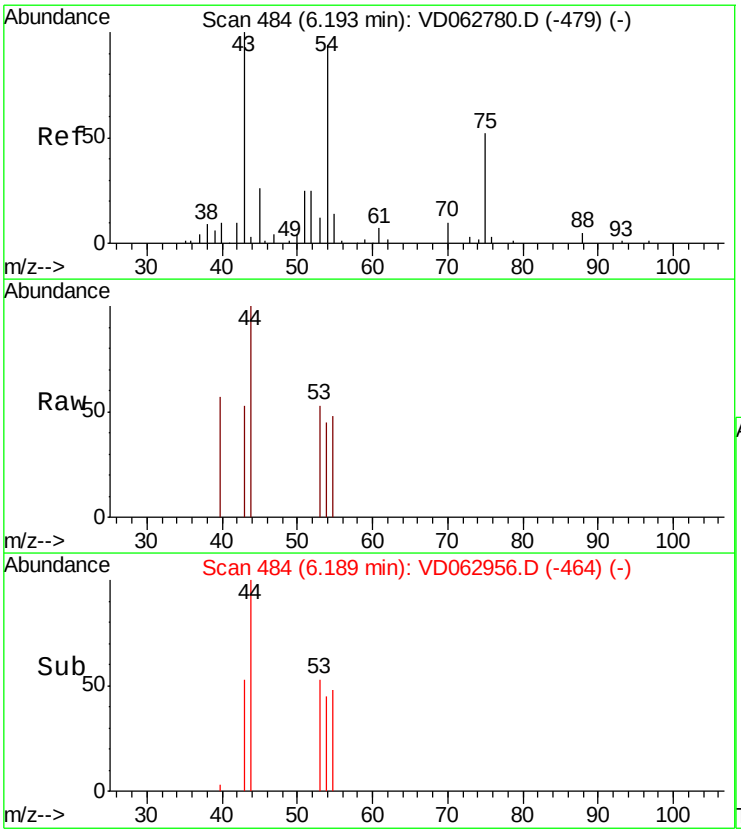
#35
Dibromofluoromethane
Concen: 49.297 ug/l
RT: 6.90 min Scan# 556
Delta R.T. -0.03 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

Instrument :
MSVOA_D
ClientSampleId :
VD0628SBL01

Tgt Ion:113 Resp: 528371

Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.2	121.8
192	18.0	12.9	19.3

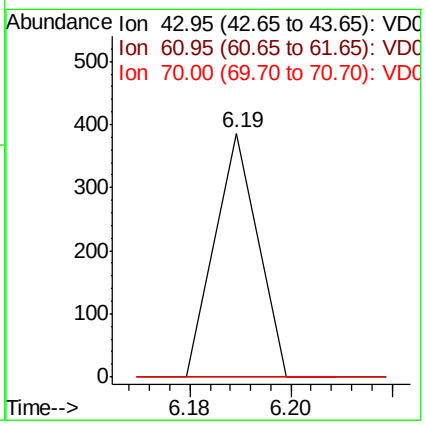


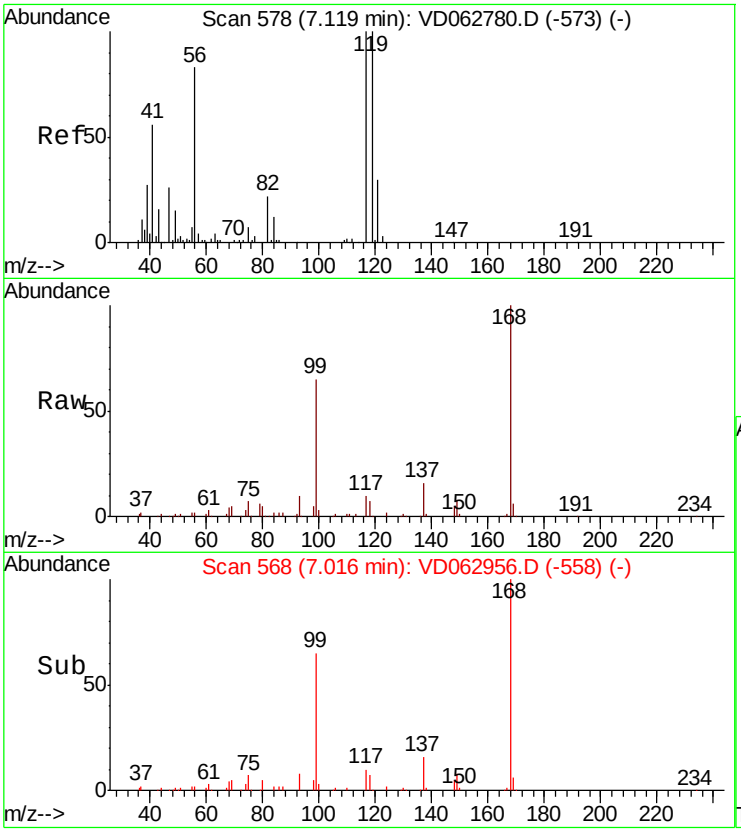


#37
Ethyl Acetate
Concen: Below Cal
RT: 6.19 min Scan# 484
Delta R.T. -0.00 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

Tgt Ion: 43 Resp: 228

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



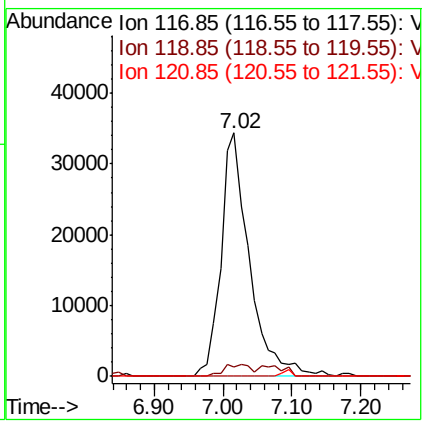


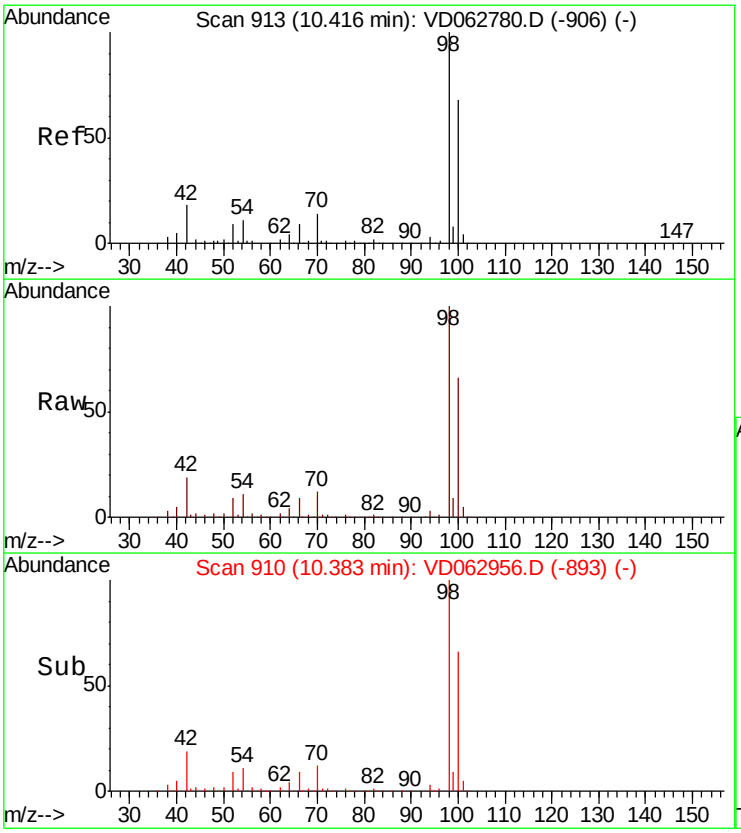
#38
Carbon Tetrachloride
Concen: 5.435 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.10 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

Instrument :
MSVOA_D
ClientSampleId :
VD0628SBL01

Tgt Ion:117 Resp: 98359

Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.4	113.2#
121	0.0	22.3	33.5#

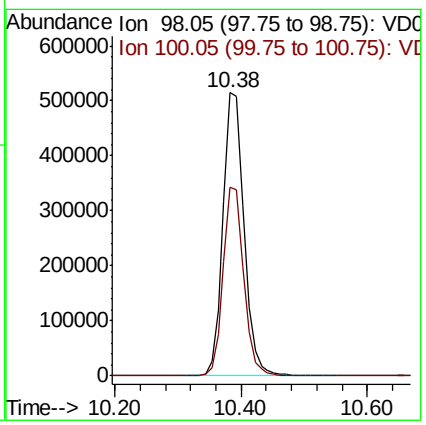


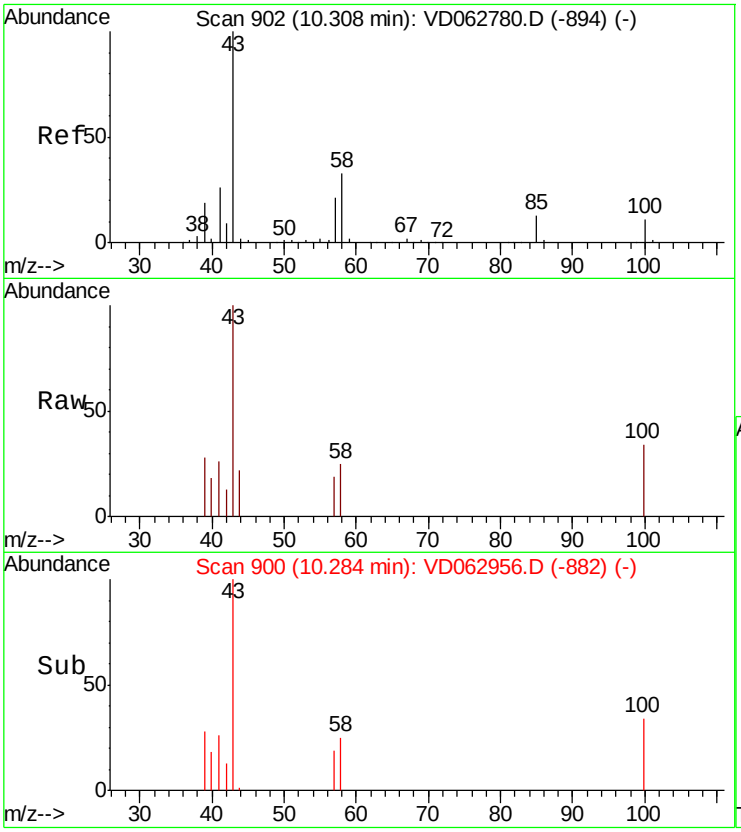


#50
Toluene-d8
Concen: 51.082 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

Tgt Ion: 98 Resp: 1191616

Ion	Ratio	Lower	Upper
98	100		
100	66.5	54.7	82.1



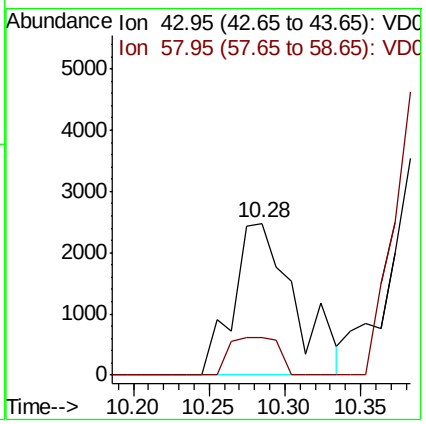


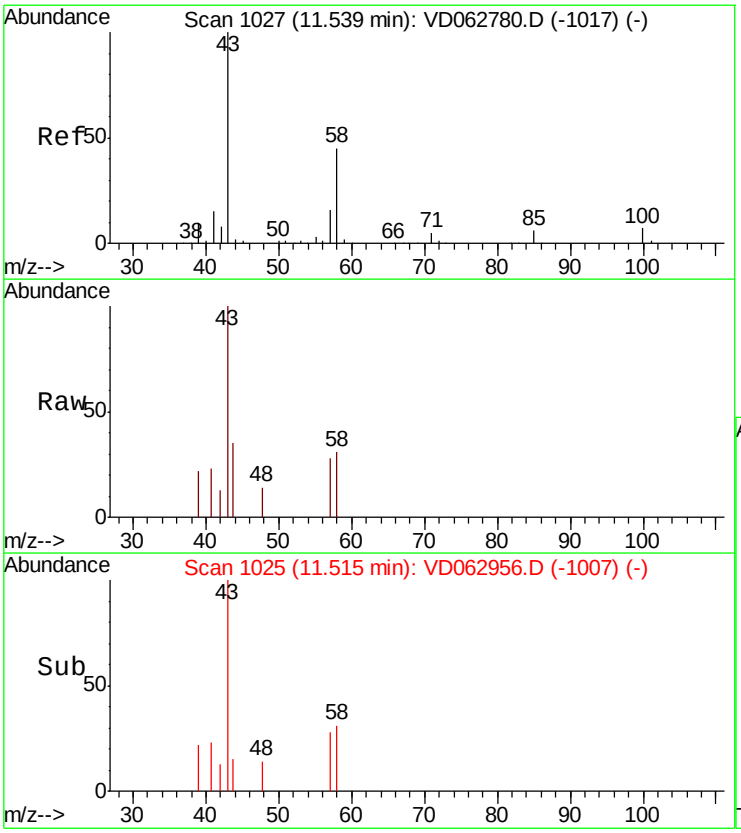
#51
4-Methyl-2-Pentanone
Concen: 1.562 ug/l
RT: 10.28 min Scan# 900
Delta R.T. -0.02 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

Instrument :
MSVOA_D
ClientSampleId :
VD0628SBL01

Tgt Ion: 43 Resp: 6985

Ion	Ratio	Lower	Upper
43	100		
58	24.5	26.6	40.0#

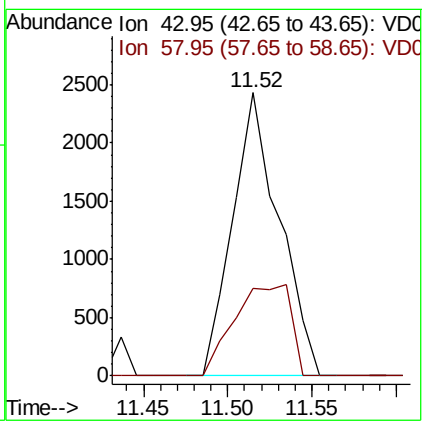


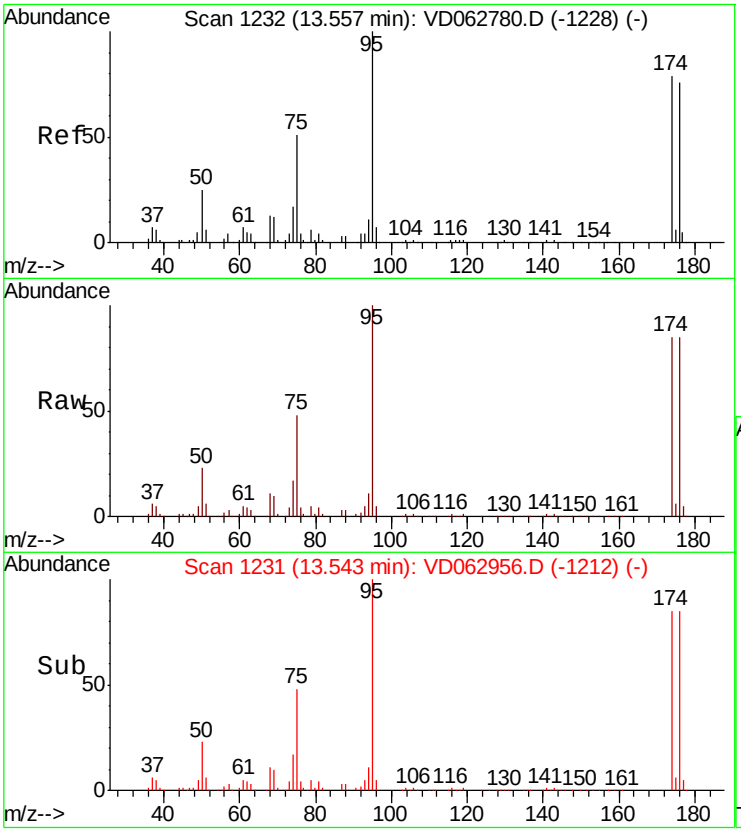


#59
2-Hexanone
Concen: 1.463 ug/l
RT: 11.52 min Scan# 1025
Delta R.T. -0.02 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

Tgt Ion: 43 Resp: 4659

Ion	Ratio	Lower	Upper
43	100		
58	30.8	22.4	67.2



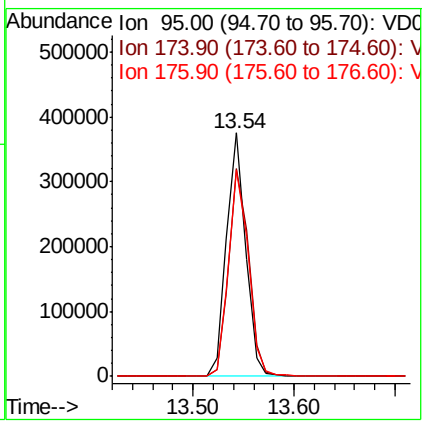


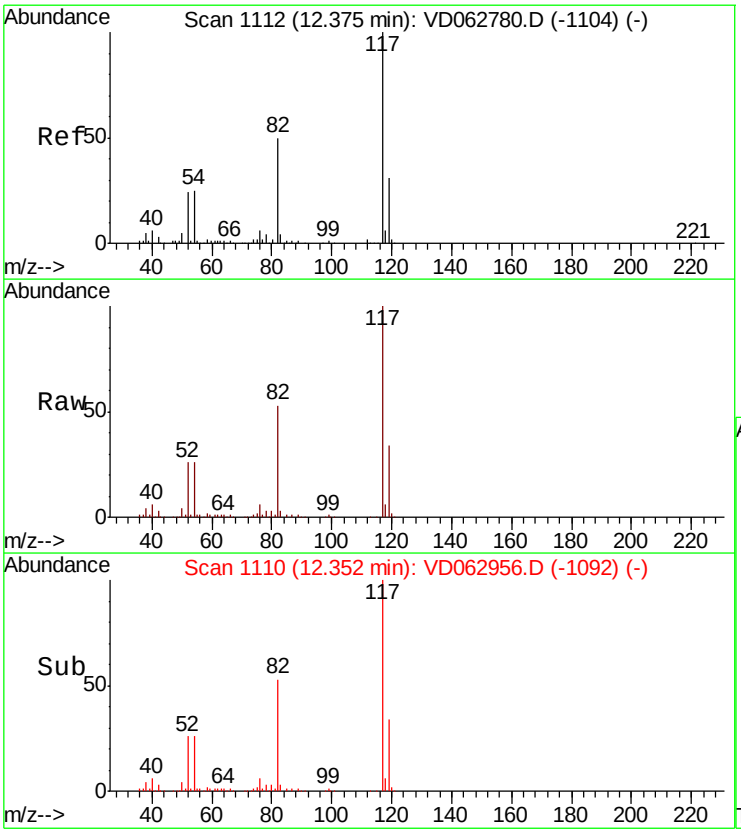
#62
4-Bromofluorobenzene
Concen: 46.547 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

Instrument :
MSVOA_D
ClientSampleId :
VD0628SBL01

Tgt Ion: 95 Resp: 493731

Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	158.0
176	84.9	0.0	151.6

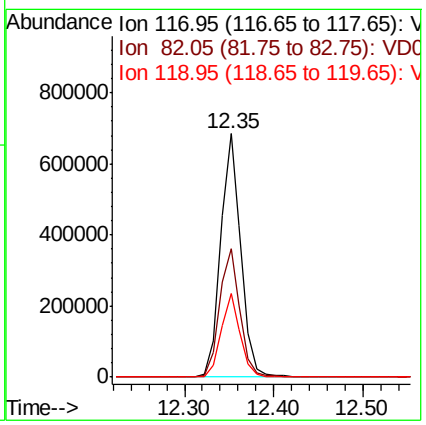


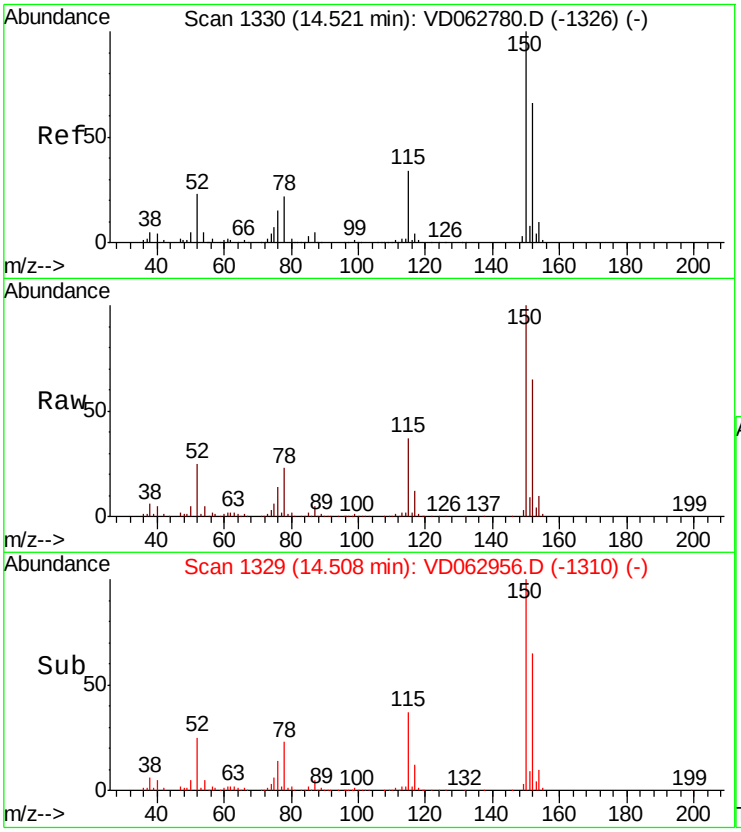


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

Tgt Ion:117 Resp: 1091371

Ion	Ratio	Lower	Upper
117	100		
82	52.8	40.4	60.6
119	34.3	25.2	37.8



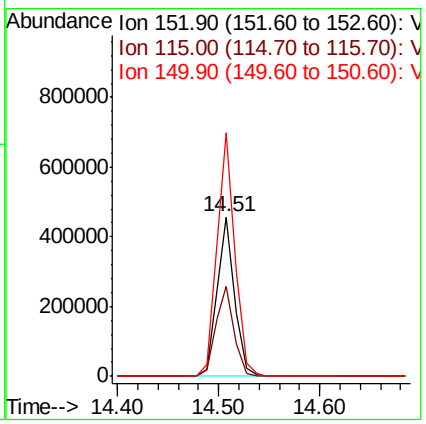


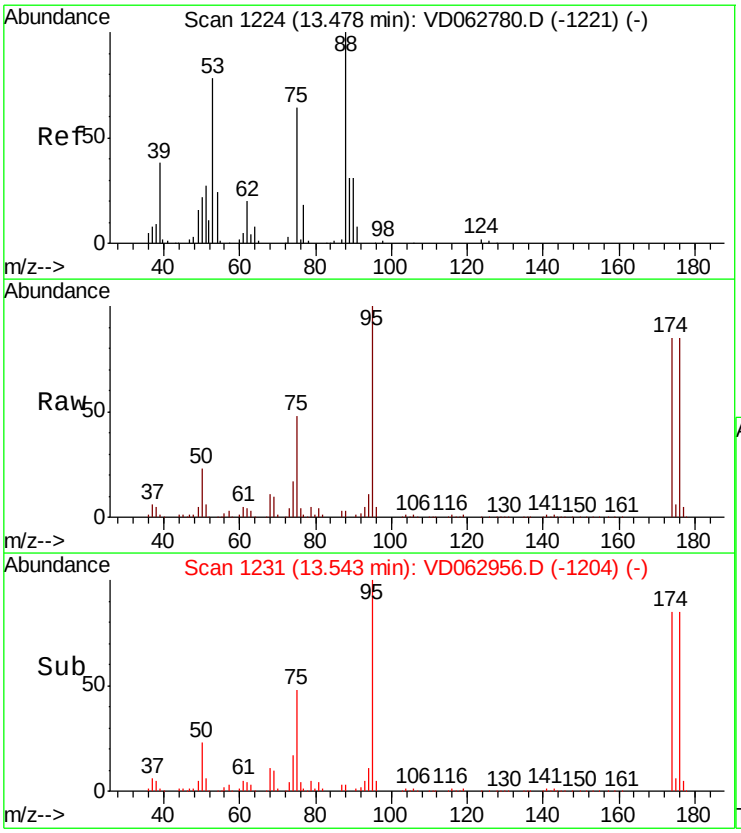
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

Instrument :
MSVOA_D
ClientSampleId :
VD0628SBL01

Tgt Ion:152 Resp: 558109

Ion	Ratio	Lower	Upper
152	100		
115	56.8	29.2	87.6
150	152.8	0.0	305.8





#81
trans-1,4-Dichloro-2-butene
Concen: 141.727 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.06 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

Tgt Ion: 75 Resp: 239321

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