Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071919\
Data File : VD063156.D
Acq On : 19 Jul 2019 16:18
Operator : VA/AP
Sample : K3811-01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : S-2(PLAY-AREA)-0-6

Quant Time: Jul 20 05:01:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	521618	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	721138	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	400111	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	114035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	497875	76.62	ug/l	0.01
Spiked Amount 50.000			Recovery = 153.24%			
35) Dibromofluoromethane	6.93	113	483489	67.31	ug/l	0.01
Spiked Amount 50.000			Recovery = 134.62%			
50) Toluene-d8	10.41	98	806949	52.30	ug/l	0.01
Spiked Amount 50.000			Recovery = 104.60%			
62) 4-Bromofluorobenzene	13.55	95	191978	26.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 53.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	415	Below Cal	#	10
3) Chloromethane	1.76	50	452	Below Cal	#	1
5) Bromomethane	2.15	94	977	Below Cal	#	13
13) Acrolein	2.93	56	624	5.513	ug/l	99
16) Acetone	3.23	43	5923	3.774	ug/l #	62
18) Methyl Acetate	3.63	43	501	Below Cal	#	63
20) Methylene Chloride	3.82	84	7149	1.206	ug/l #	78
31) Cyclohexane	7.06	56	10766	1.740	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	41403	5.105	ug/l #	45
38) Carbon Tetrachloride	7.05	117	53979	4.380	ug/l #	10
51) 4-Methyl-2-Pentanone	10.42	43	4678	1.418	ug/l #	1
76) 1,2,3-Trichloropropane	13.55	75	78048	44.492	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.55	75	93648	202.726	ug/l #	1

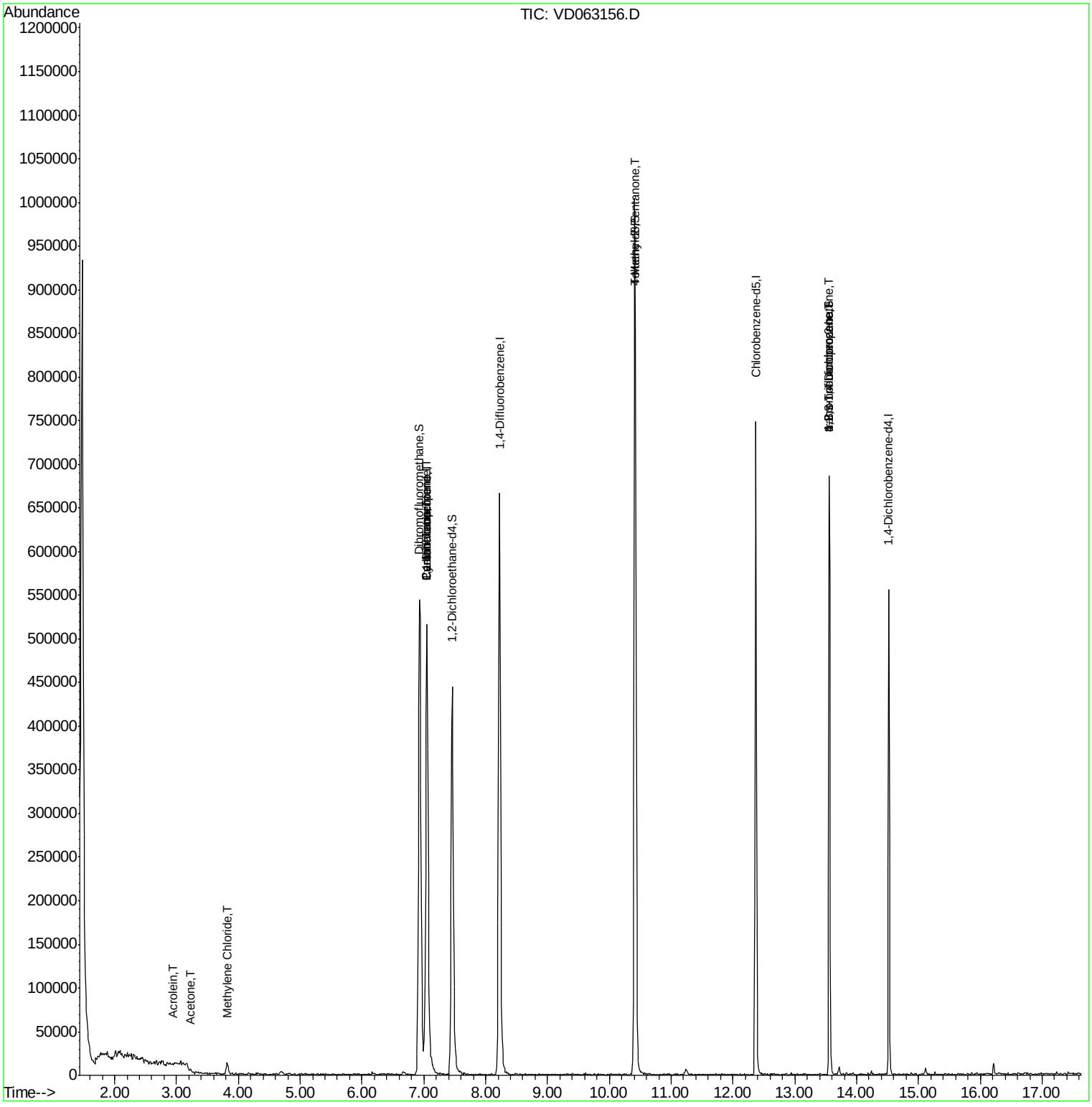
(#) = qualifier out of range (m) = manual integration (+) = signals summed

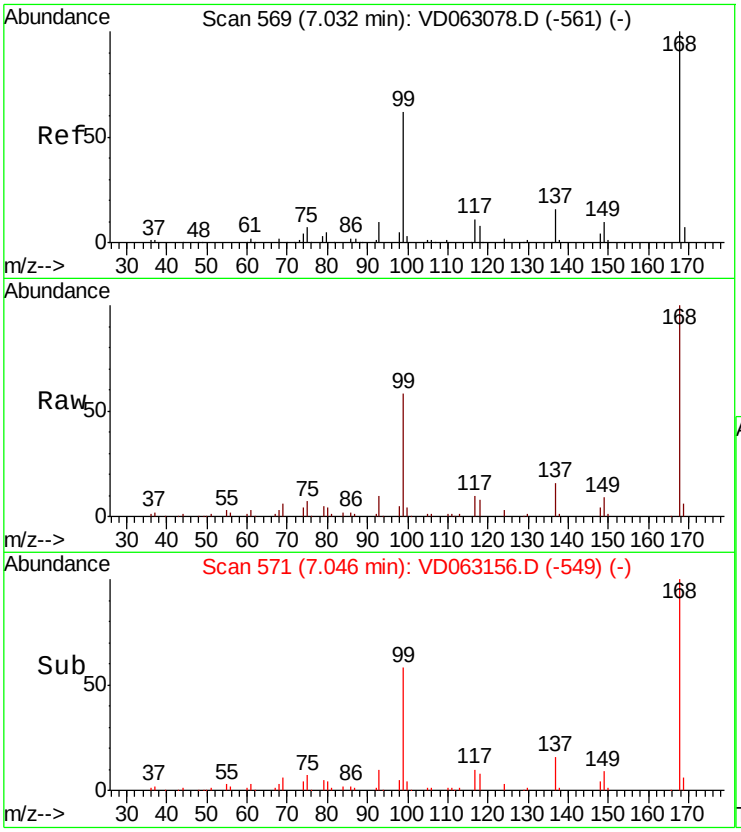
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071919\
Data File : VD063156.D
Acq On : 19 Jul 2019 16:18
Operator : VA/AP
Sample : K3811-01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-2(PLAY-AREA)-0-6

Quant Time: Jul 20 05:01:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration



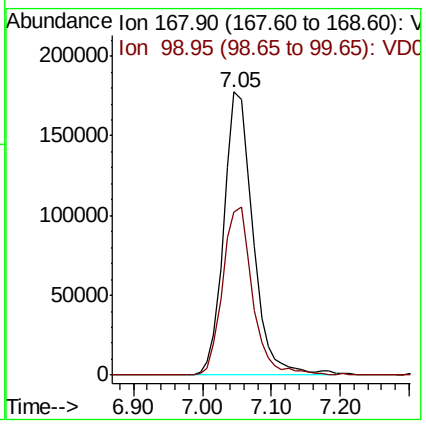


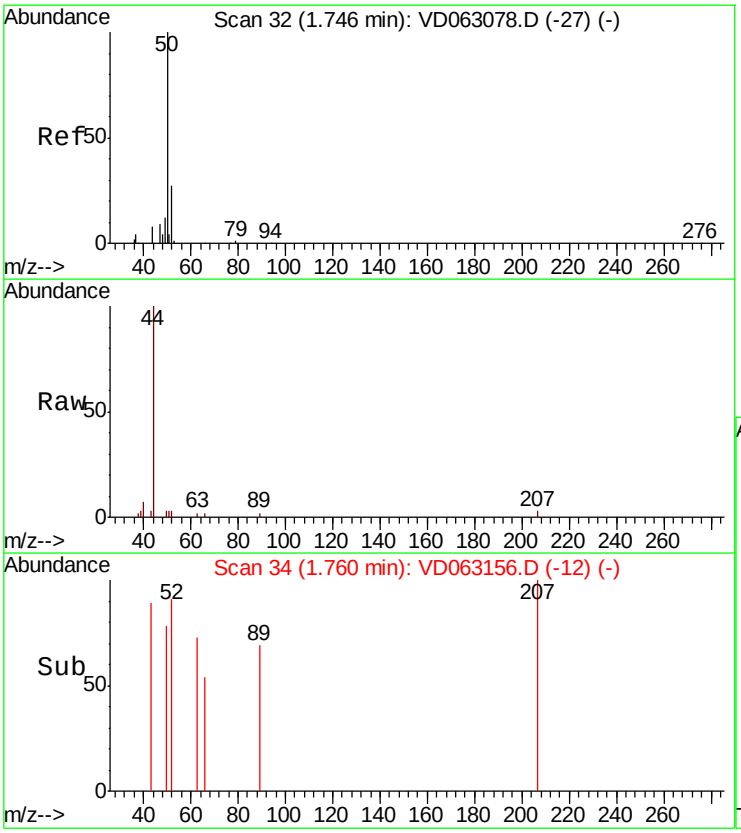
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.01 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
S-2(PLAY-AREA)-0-6

Tgt Ion:168 Resp: 521618

Ion	Ratio	Lower	Upper
168	100		
99	57.7	50.8	76.2

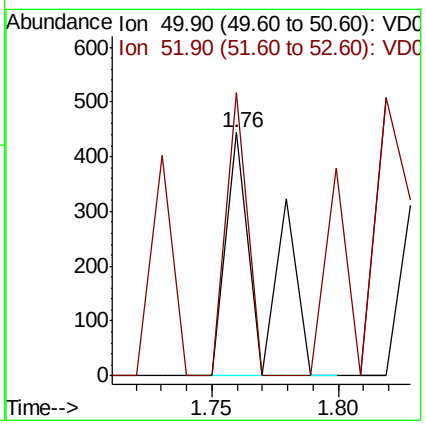


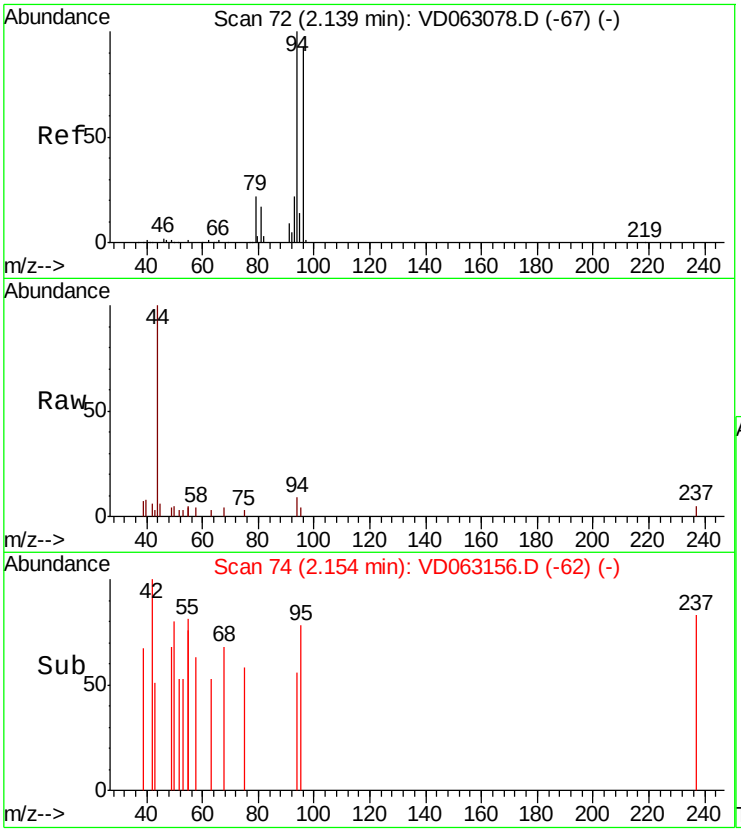


#3
Chloromethane
Concen: Below Cal
RT: 1.76 min Scan# 34
Delta R.T. 0.01 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Tgt Ion: 50 Resp: 452

Ion	Ratio	Lower	Upper
50	100		
52	116.4	21.4	32.2#



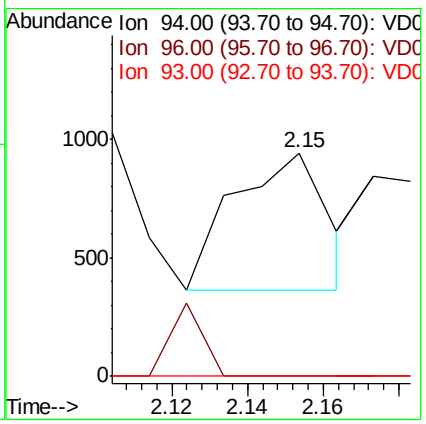


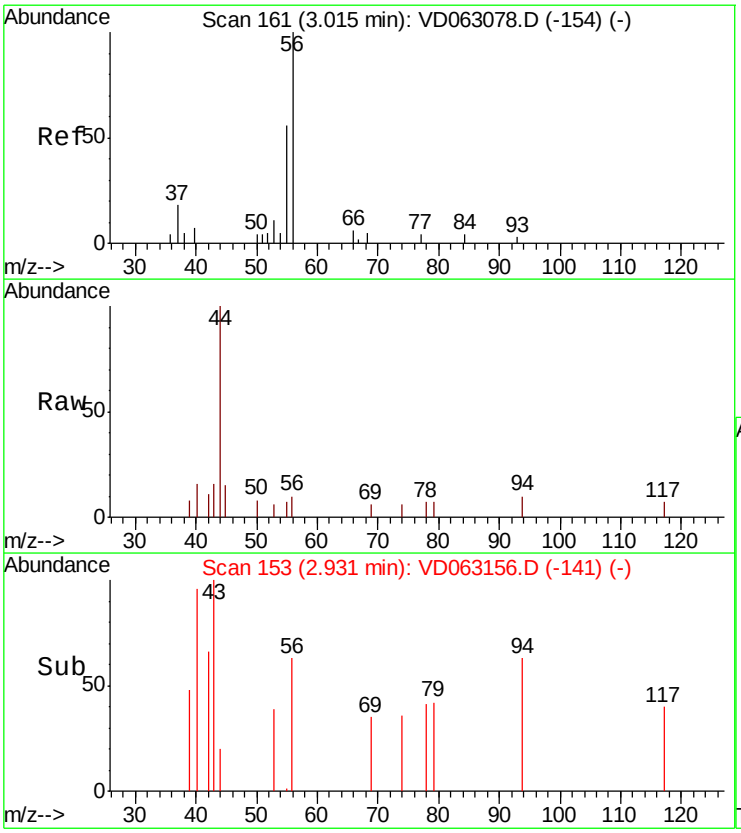
#5
Bromomethane
Concen: Below Cal
RT: 2.15 min Scan# 74
Delta R.T. 0.01 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Instrument : MSVOA_D
ClientSampleId : S-2(PLAY-AREA)-0-6

Tgt Ion: 94 Resp: 977

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.2	111.2#
93	0.0	17.8	26.6#

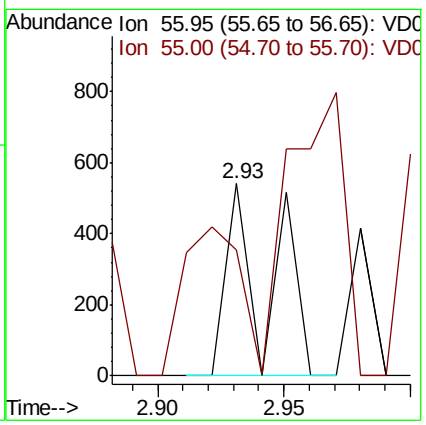


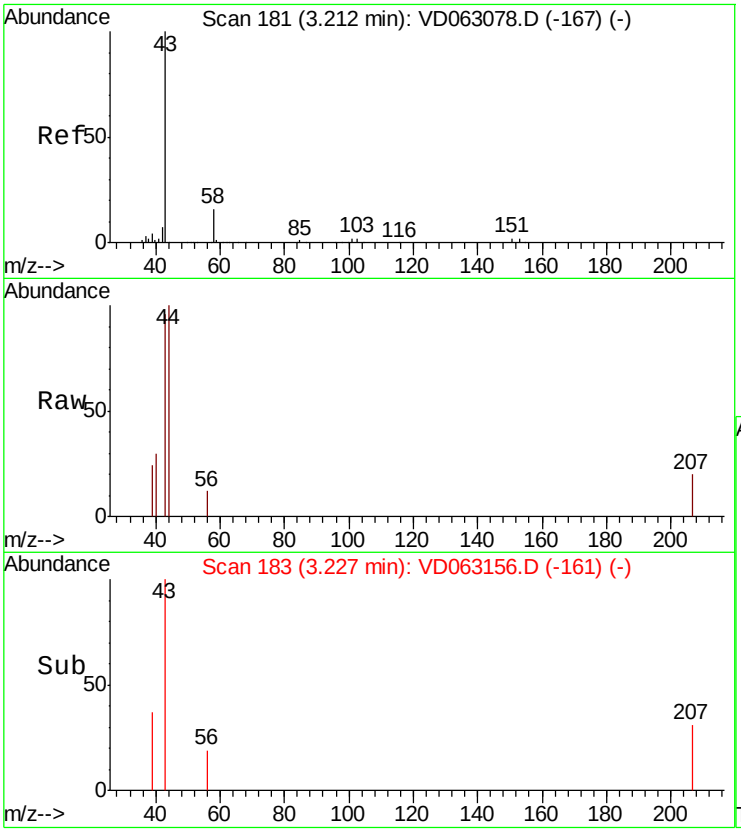


#13
Acrolein
Concen: 5.513 ug/l
RT: 2.93 min Scan# 153
Delta R.T. -0.08 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Tgt Ion: 56 Resp: 624

Ion	Ratio	Lower	Upper
56	100		
55	65.7	53.0	79.4



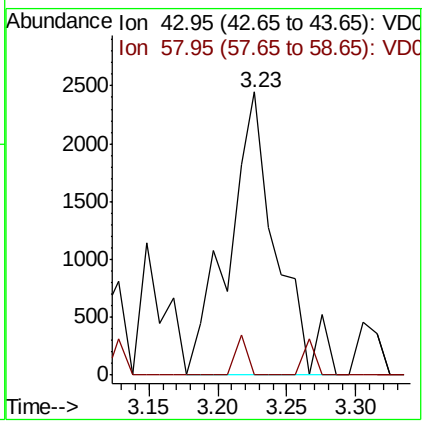


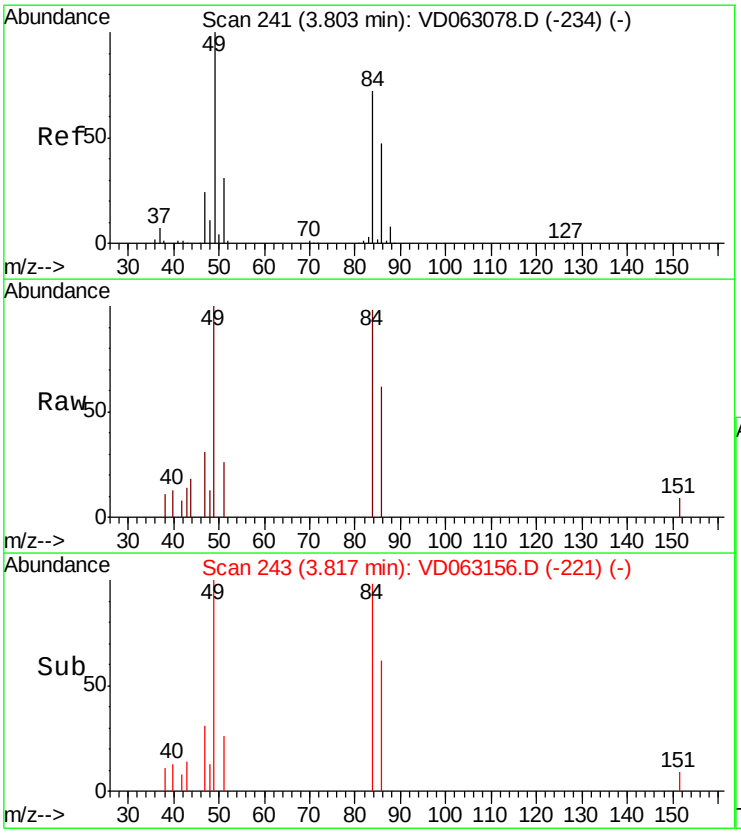
#16
Acetone
Concen: 3.774 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Instrument : MSVOA_D
ClientSampleId : S-2(PLAY-AREA)-0-6

Tgt Ion: 43 Resp: 5923

Ion	Ratio	Lower	Upper
43	100		
58	0.0	13.0	19.4#

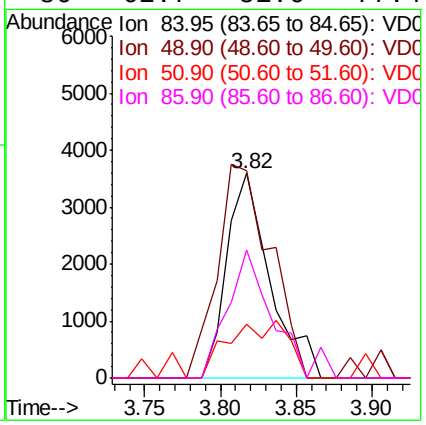


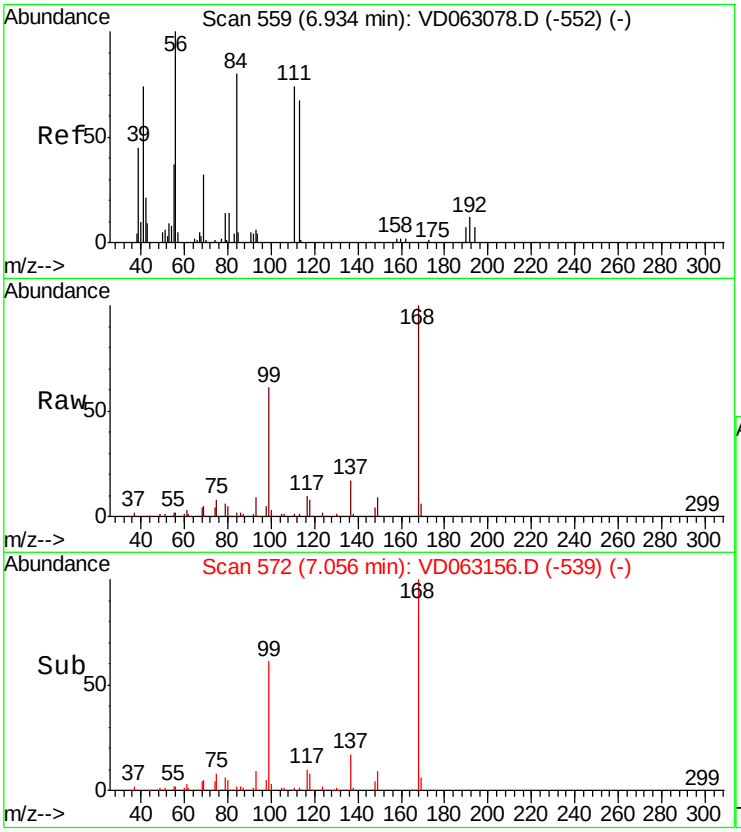


#20
Methylene Chloride
Concen: 1.206 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Tgt Ion: 84 Resp: 7149

Ion	Ratio	Lower	Upper
84	100		
49	101.8	110.5	165.7#
51	26.1	34.6	51.8#
86	62.7	51.6	77.4



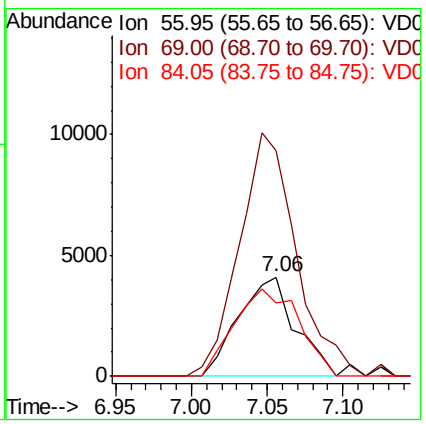


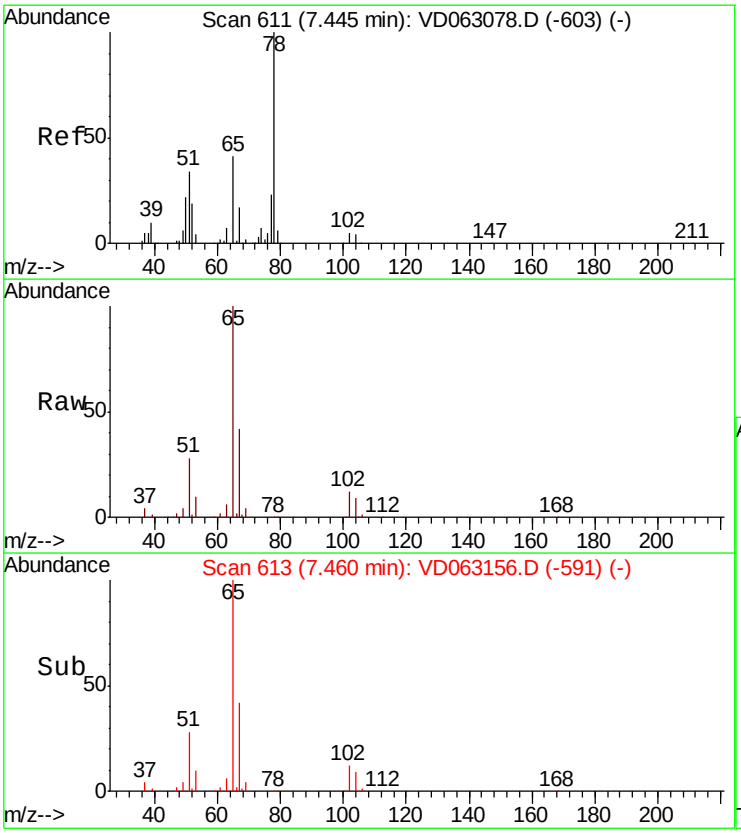
#31
Cyclohexane
Concen: 1.740 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.12 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
S-2(PLAY-AREA)-0-6

Tgt Ion: 56 Resp: 10766

Ion	Ratio	Lower	Upper
56	100		
69	226.4	25.3	37.9#
84	73.3	64.2	96.4

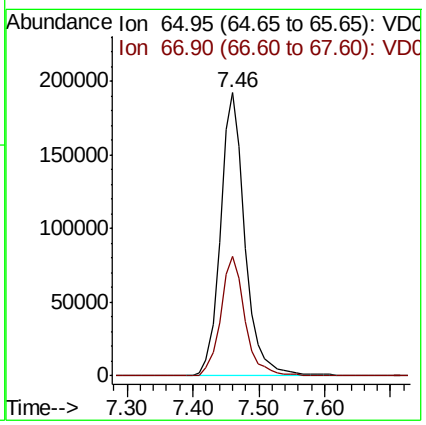


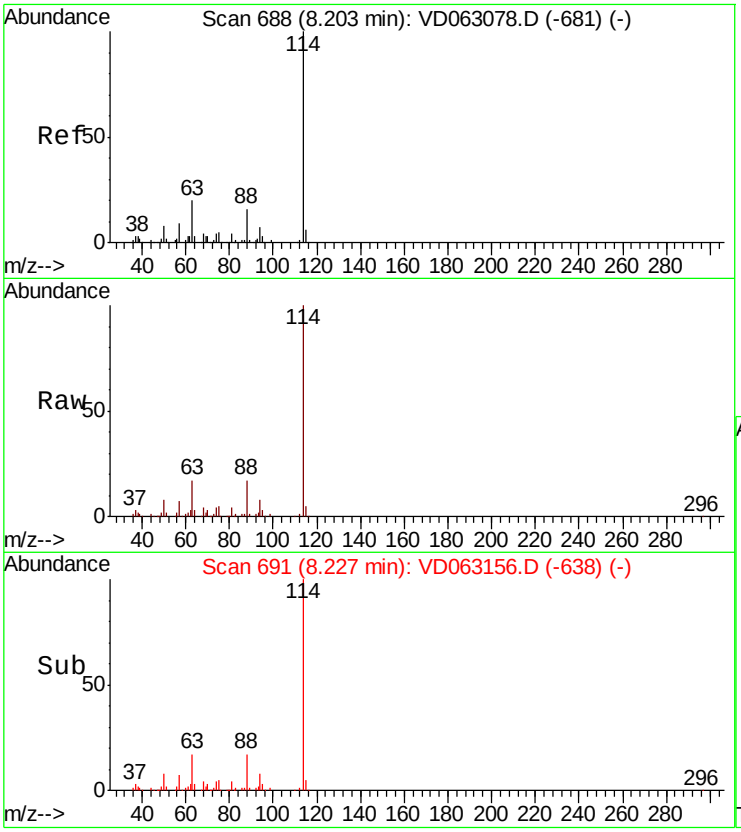


#33
1,2-Dichloroethane-d4
Concen: 76.623 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Tgt Ion: 65 Resp: 497875

Ion	Ratio	Lower	Upper
65	100		
67	42.4	0.0	86.0



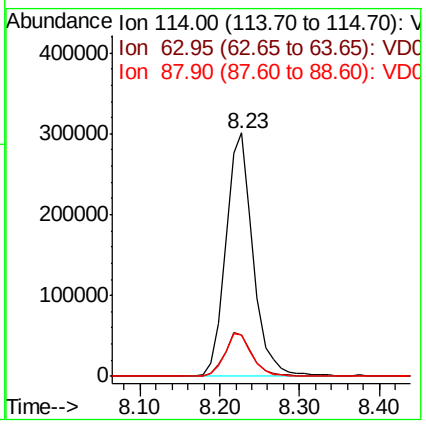


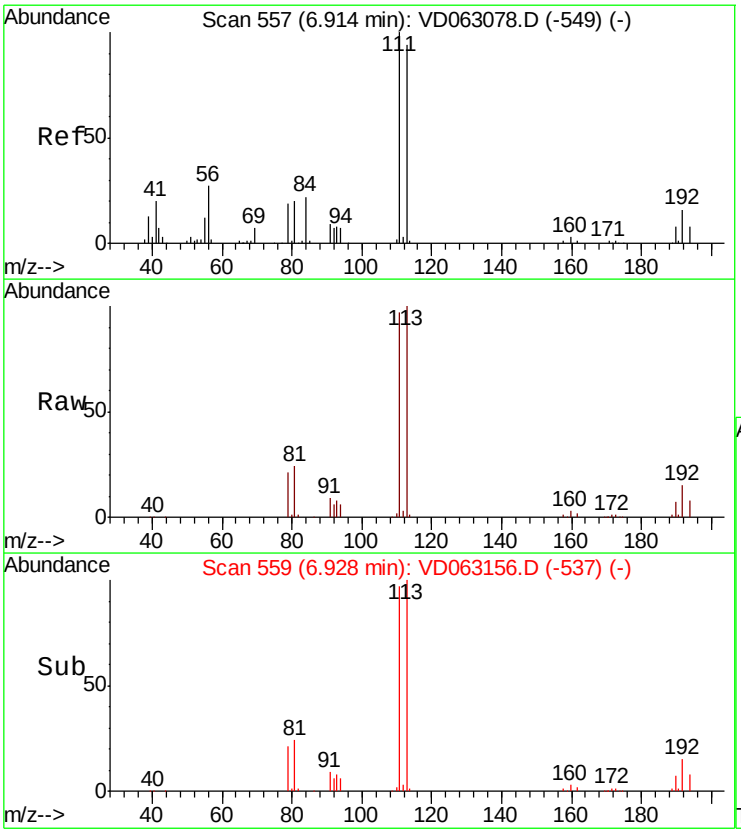
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.02 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
S-2(PLAY-AREA)-0-6

Tgt Ion:114 Resp: 721138

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	40.6
88	17.2	0.0	32.6

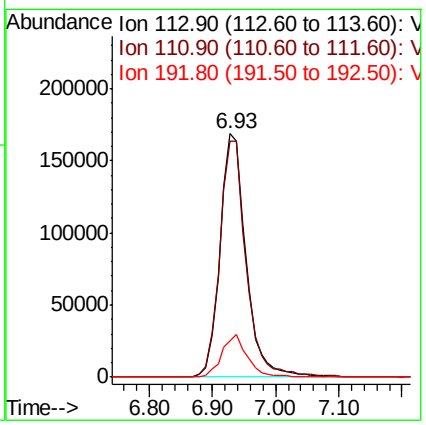


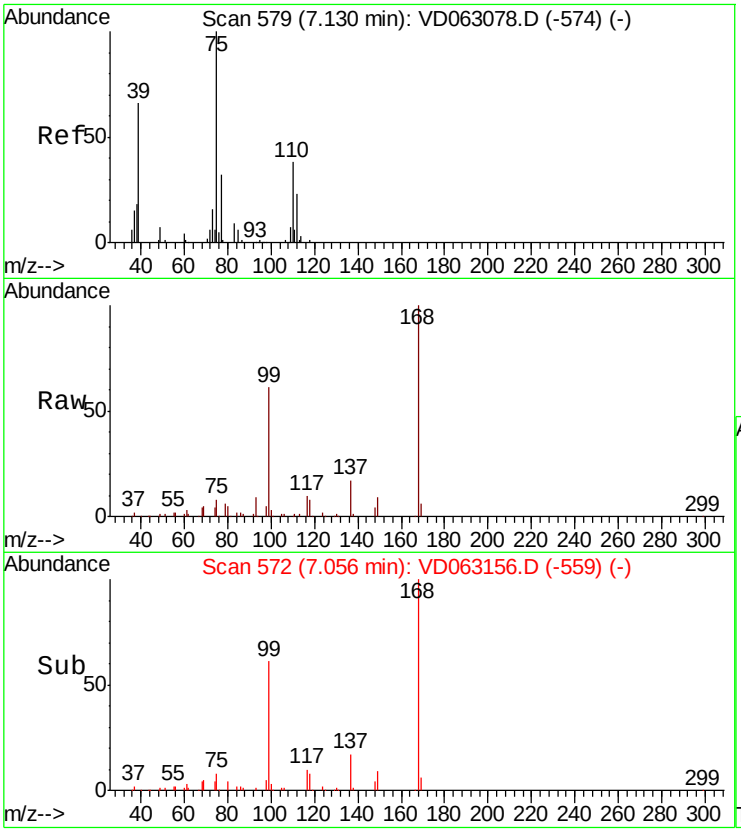


#35
Dibromofluoromethane
Concen: 67.313 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.01 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Tgt Ion:113 Resp: 483489

Ion	Ratio	Lower	Upper
113	100		
111	97.1	84.8	127.2
192	15.2	13.4	20.0



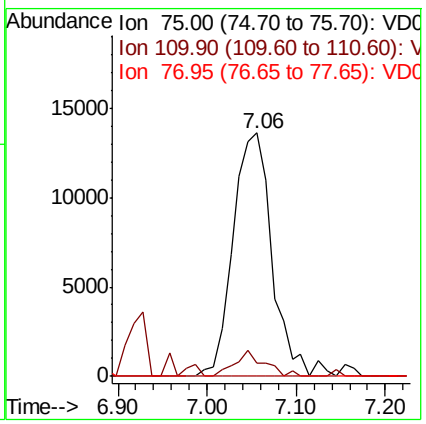


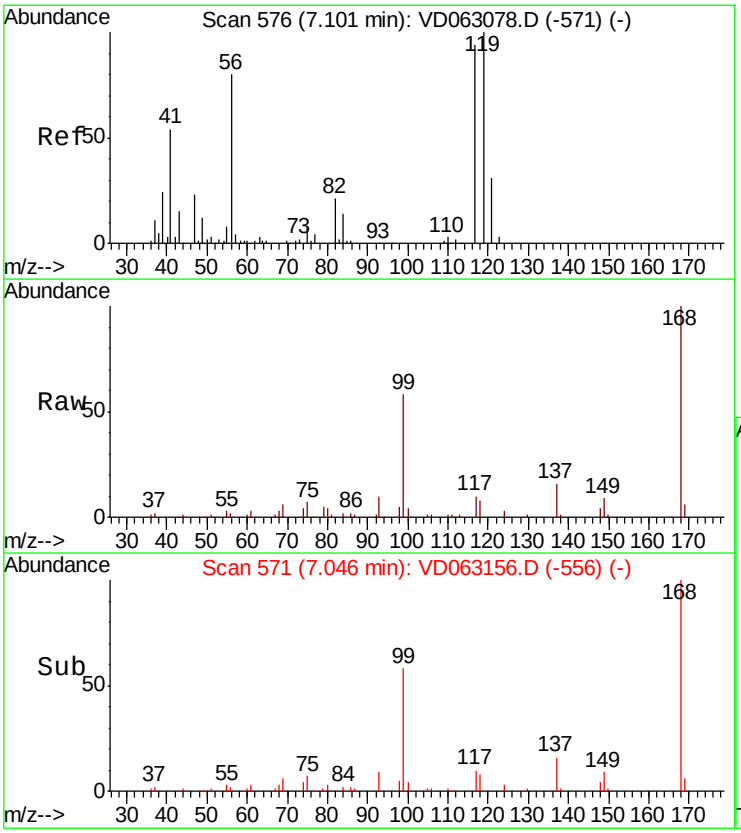
#36
1,1-Dichloropropene
Concen: 5.105 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.07 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
S-2(PLAY-AREA)-0-6

Tgt Ion: 75 Resp: 41403

Ion	Ratio	Lower	Upper
75	100		
110	5.5	18.9	56.5#
77	0.0	25.2	37.8#

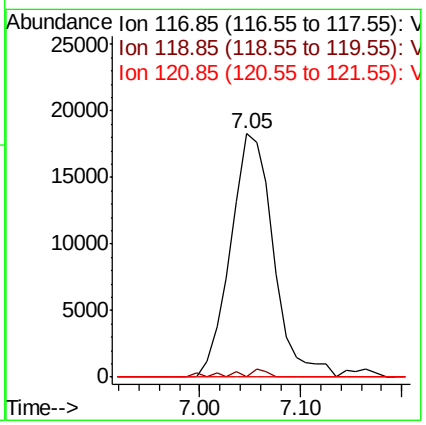


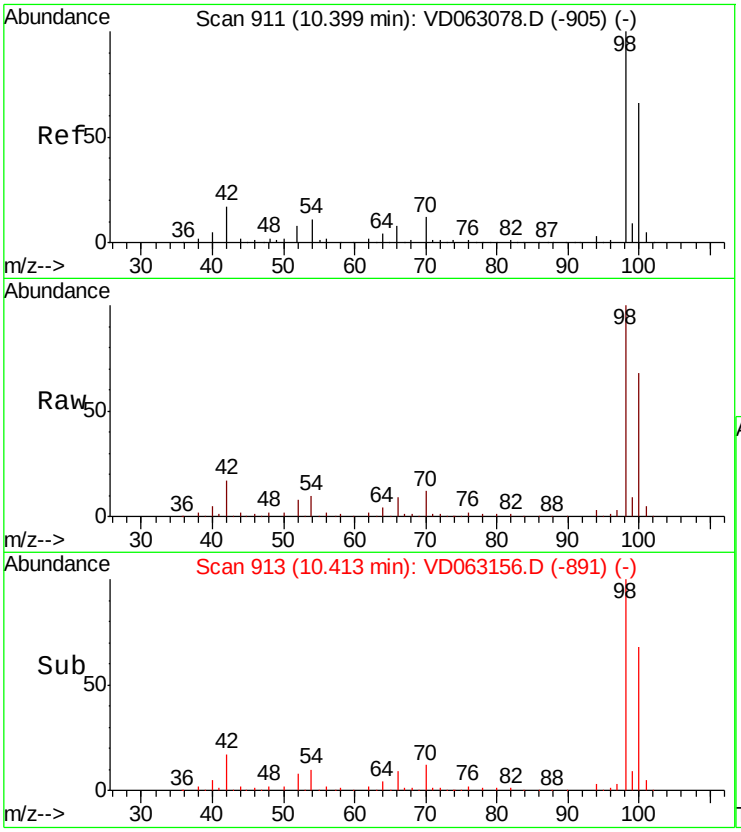


#38
Carbon Tetrachloride
Concen: 4.380 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.05 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Tgt Ion:117 Resp: 53979

Ion	Ratio	Lower	Upper
117	100		
119	0.0	80.0	120.0#
121	0.0	25.0	37.4#



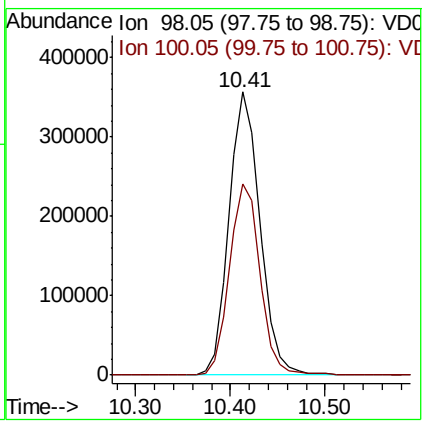


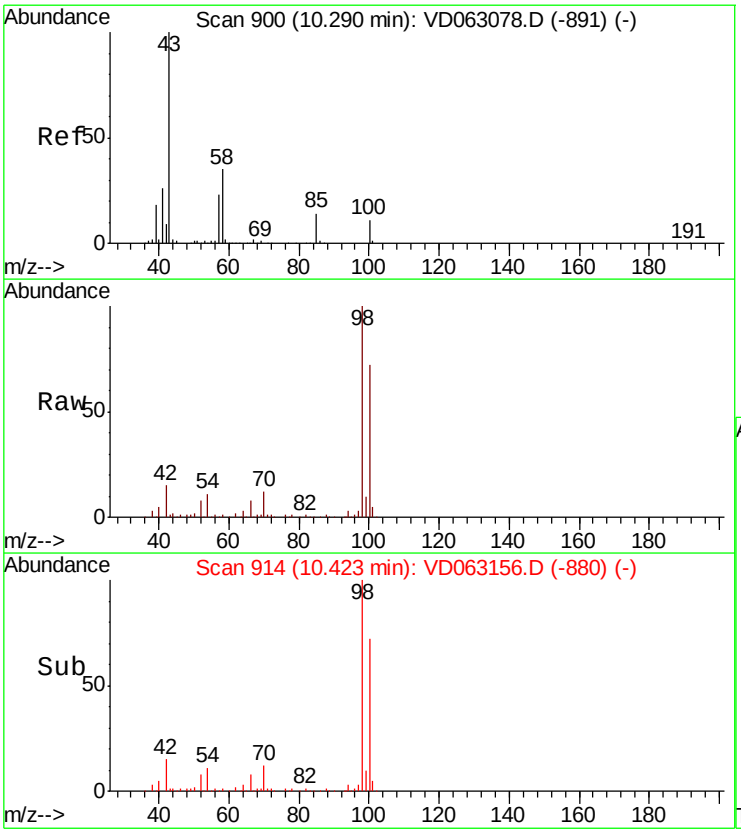
#50
Toluene-d8
Concen: 52.302 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
S-2(PLAY-AREA)-0-6

Tgt Ion: 98 Resp: 806949

Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.5	80.3

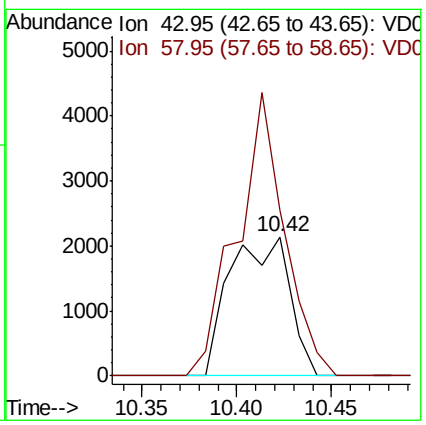


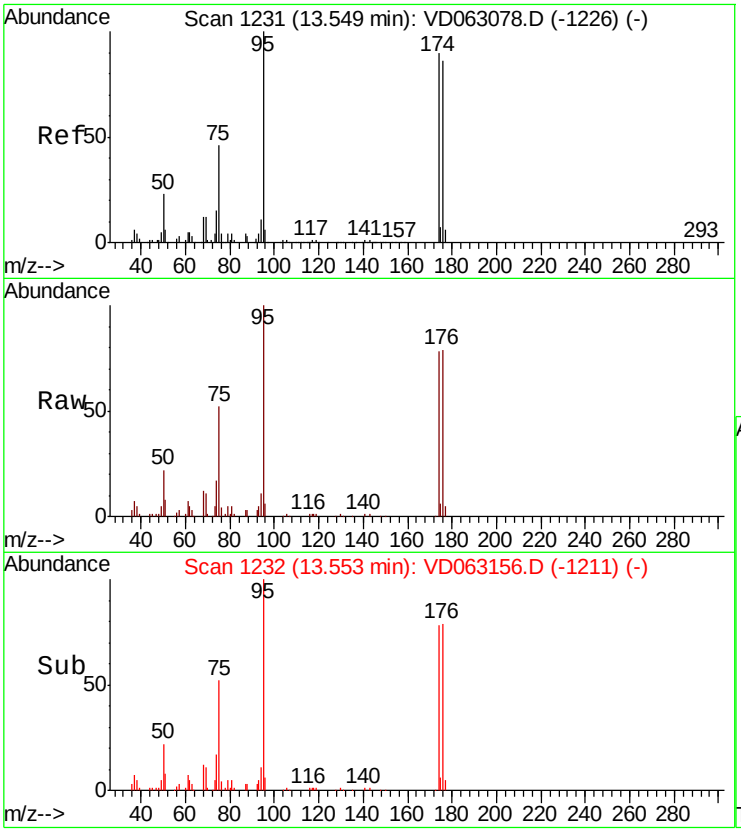


#51
4-Methyl-2-Pentanone
Concen: 1.418 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.13 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Tgt Ion: 43 Resp: 4678

Ion	Ratio	Lower	Upper
43	100		
58	118.8	27.8	41.6#



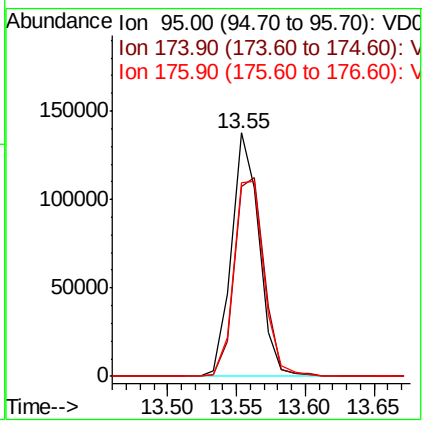


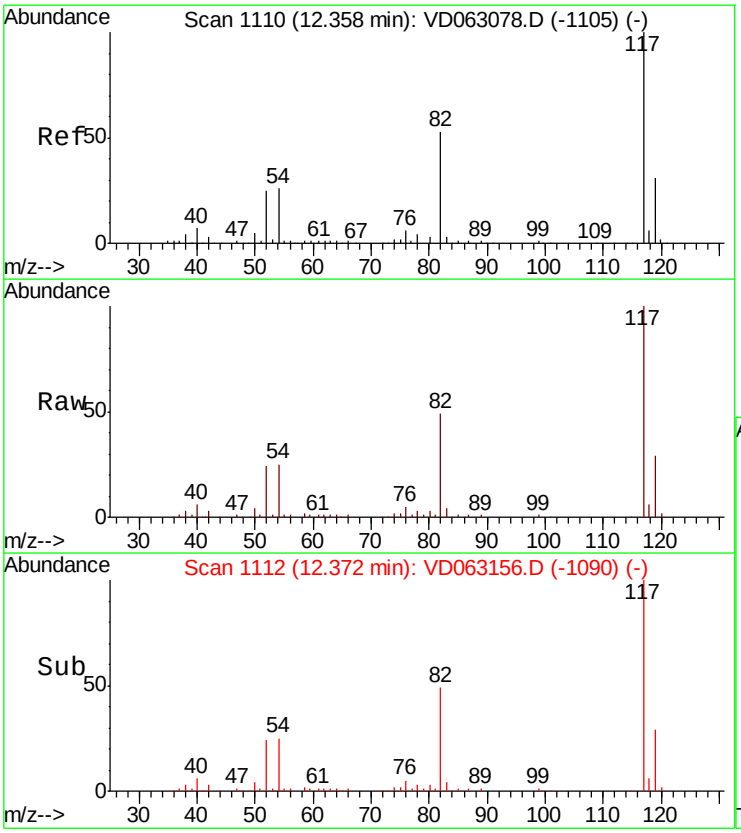
#62
4-Bromofluorobenzene
Concen: 26.896 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
S-2(PLAY-AREA)-0-6

Tgt Ion: 95 Resp: 191978

Ion	Ratio	Lower	Upper
95	100		
174	78.1	0.0	180.6
176	79.3	0.0	172.2

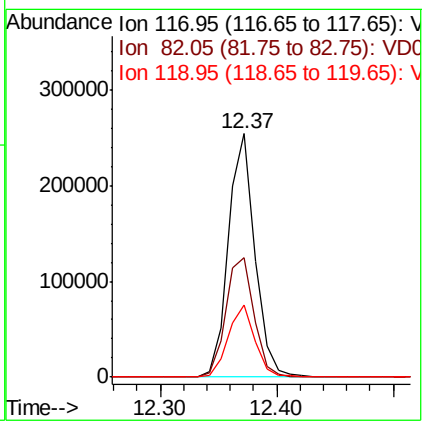


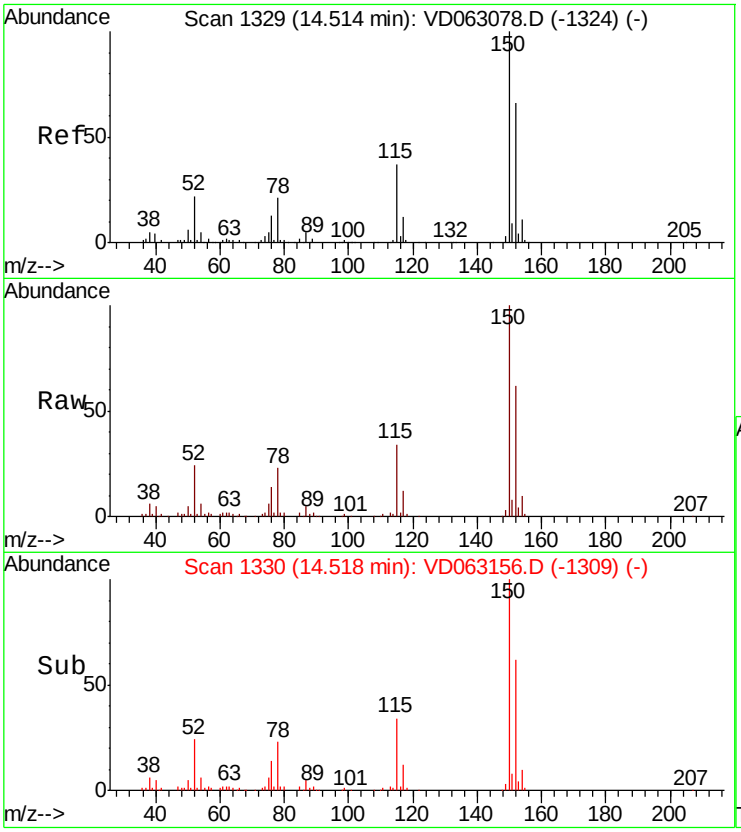


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Tgt Ion:117 Resp: 400111

Ion	Ratio	Lower	Upper
117	100		
82	48.9	42.3	63.5
119	29.5	25.2	37.8



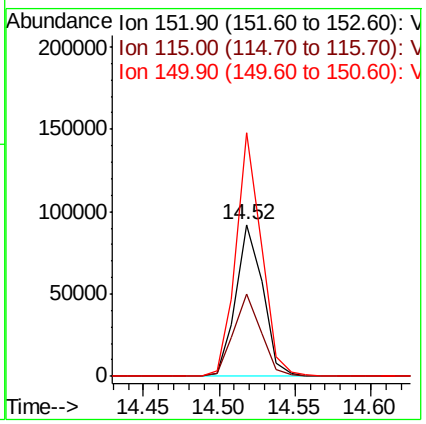


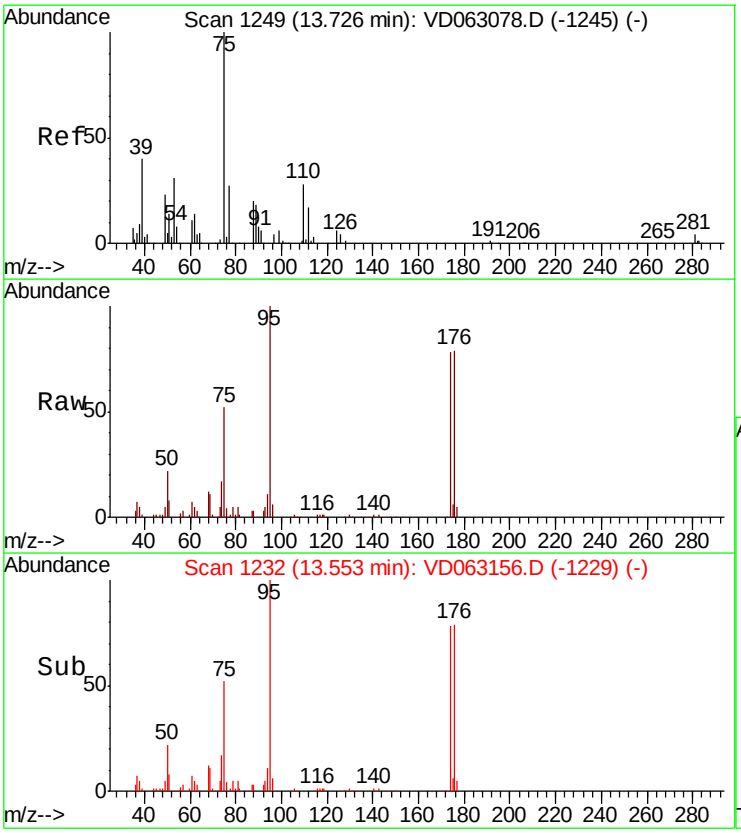
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
S-2(PLAY-AREA)-0-6

Tgt Ion:152 Resp: 114035

Ion	Ratio	Lower	Upper
152	100		
115	54.3	28.9	86.8
150	160.4	0.0	313.8

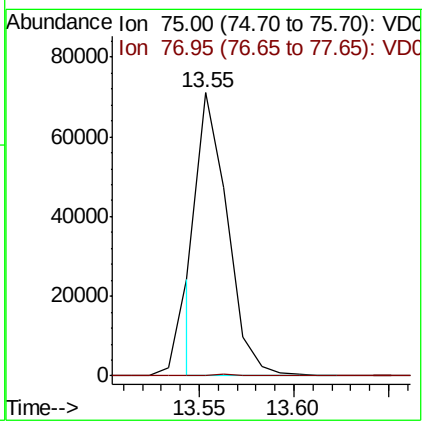


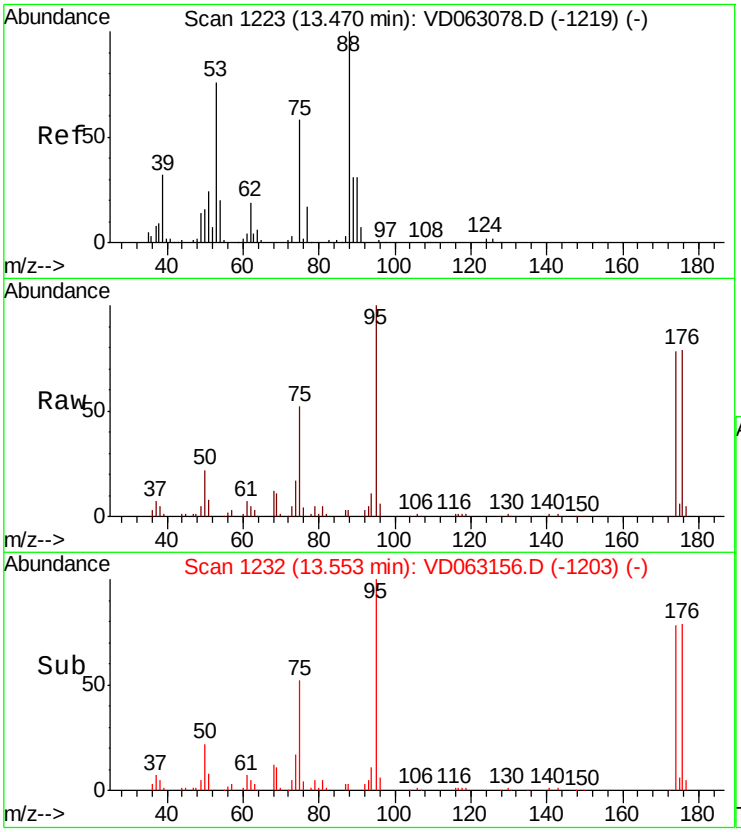


#76
1,2,3-Trichloropropane
Concen: 44.492 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.17 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Tgt Ion: 75 Resp: 78048

Ion	Ratio	Lower	Upper
75	100		
77	0.0	16.3	48.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 202.726 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
S-2(PLAY-AREA)-0-6

Tgt Ion: 75 Resp: 93648

Ion	Ratio	Lower	Upper
75	100		
53	0.0	104.4	156.6#
89	0.0	43.1	64.7#