Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071619\
Data File : VD063116.D
Acq On : 16 Jul 2019 19:40
Operator : VA/AP
Sample : K3826-01
Misc : 4.04g/5ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR-200034

Quant Time: Jul 17 07:38:05 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	7.04	168	603152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	855708	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	721735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	324635	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	298982	39.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.58%			
35) Dibromofluoromethane	6.92	113	317207	37.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 74.44%			
50) Toluene-d8	10.40	98	647827	35.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 70.78%			
62) 4-Bromofluorobenzene	13.55	95	271453	32.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 64.10%			
Target Compounds						Qvalue
3) Chloromethane	1.71	50	1770	Below Cal	#	48
5) Bromomethane	2.15	94	1757	Below Cal	#	13
11) Tert butyl alcohol	4.09	59	835	1.926	ug/l #	77
13) Acrolein	2.99	56	418	3.194	ug/l #	65
16) Acetone	3.22	43	99566	54.866	ug/l #	92
18) Methyl Acetate	3.63	43	2382	Below Cal	#	63
20) Methylene Chloride	3.81	84	12284	1.792	ug/l	93
31) Cyclohexane	7.04	56	14063	1.966	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	43415	4.511	ug/l #	49
38) Carbon Tetrachloride	7.04	117	61929	4.235	ug/l #	12
49) 1,4-Dioxane	9.05	88	338	10.109	ug/l #	27
81) trans-1,4-Dichloro-2-buten	13.54	75	125978	95.796	ug/l #	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071619\
Data File : VD063116.D
Acq On : 16 Jul 2019 19:40
Operator : VA/AP
Sample : K3826-01
Misc : 4.04g/5ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

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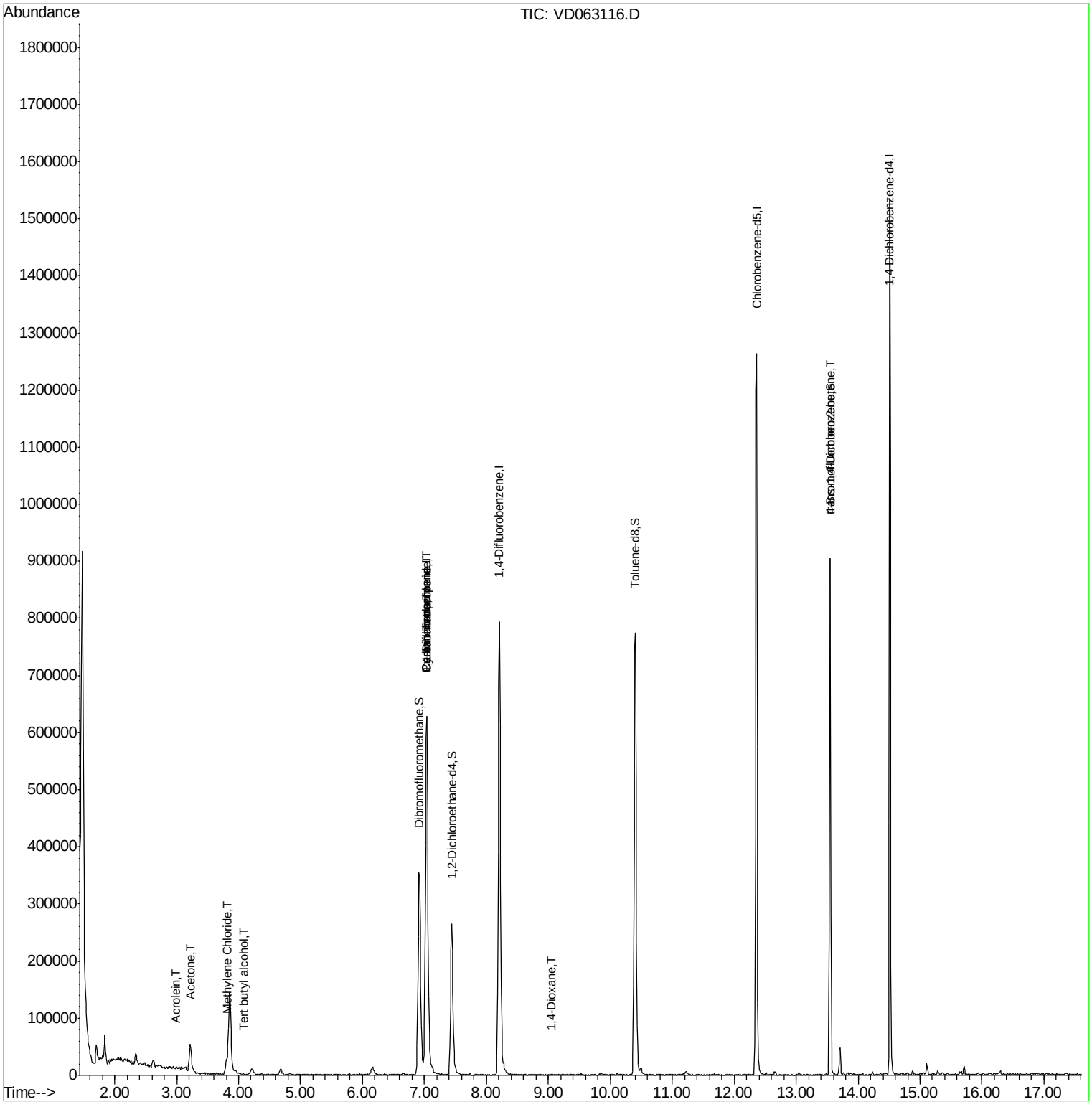
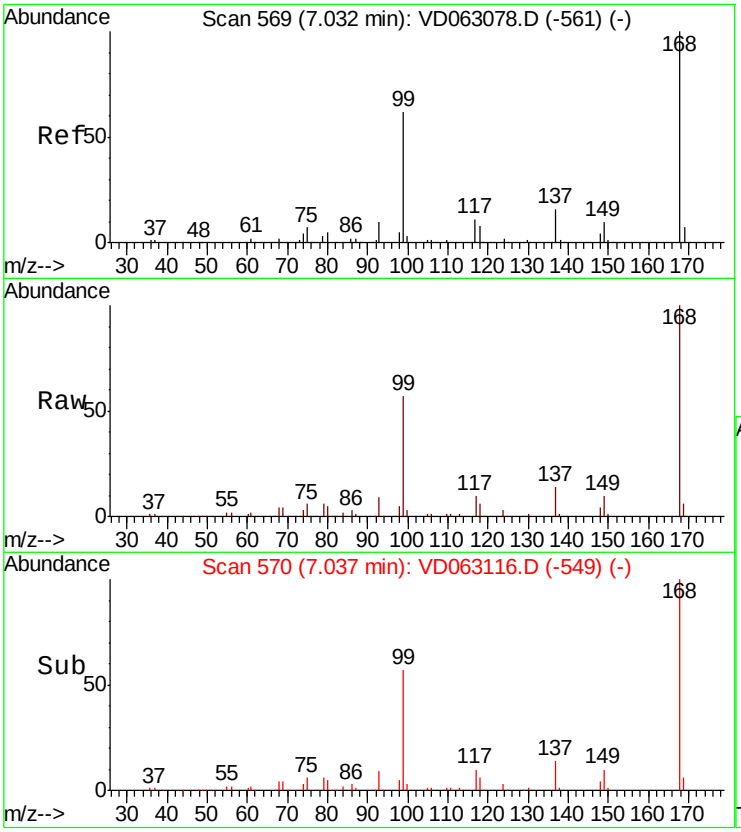
Quant Time: Jul 17 07:38:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration



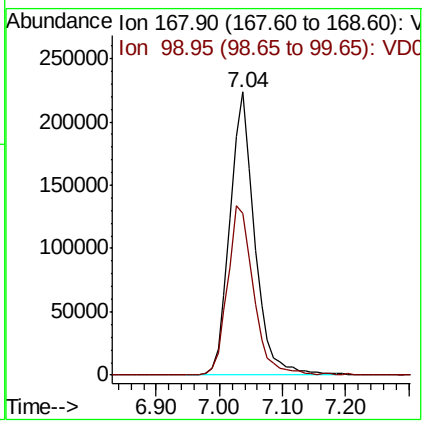


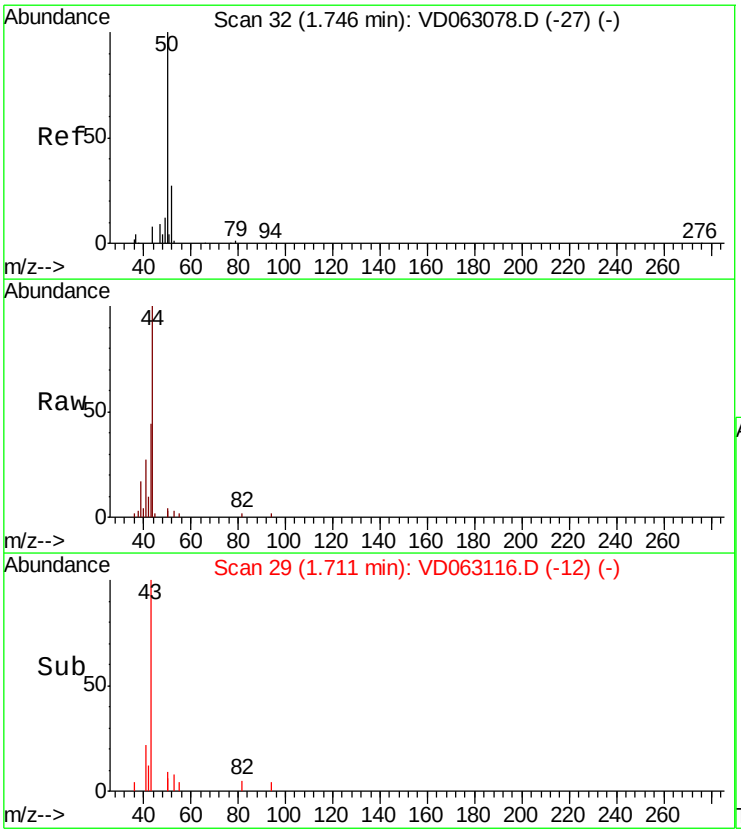
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.00 min
Lab File: VD063116.D
Acq: 16 Jul 2019 19:40

Instrument :
MSVOA_D
ClientSampleId :
RBR-200034

Tgt Ion:168 Resp: 603152

Ion	Ratio	Lower	Upper
168	100		
99	57.1	50.8	76.2

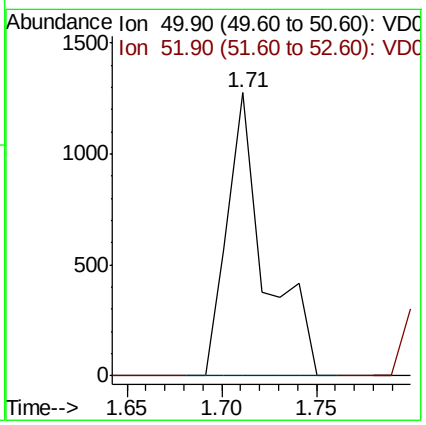


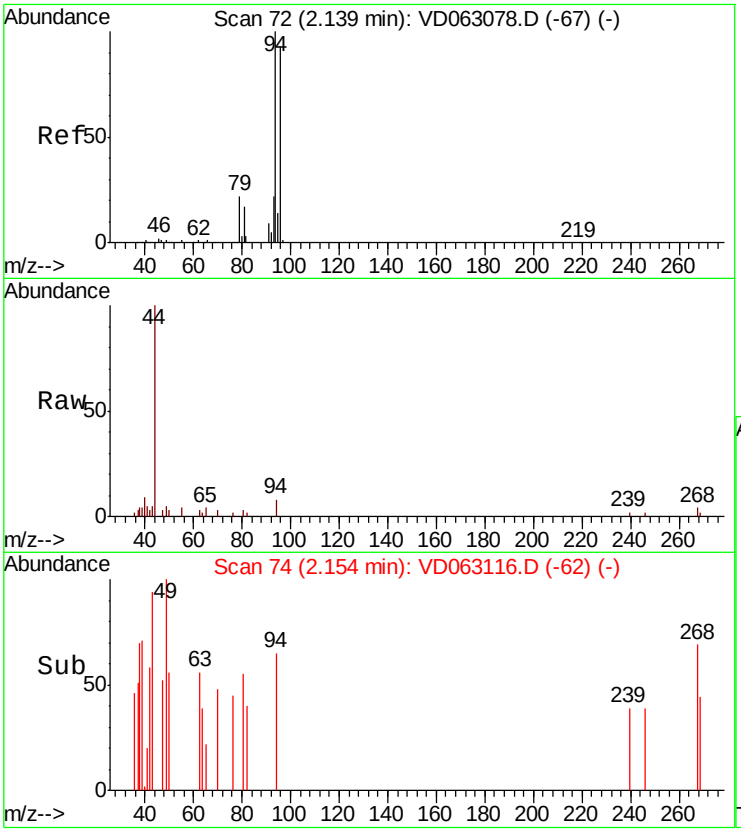


#3
Chloromethane
Concen: Below Cal
RT: 1.71 min Scan# 29
Delta R.T. -0.03 min
Lab File: VD063116.D
Acq: 16 Jul 2019 19:40

Tgt Ion: 50 Resp: 1770

Ion	Ratio	Lower	Upper
50	100		
52	0.0	21.4	32.2#



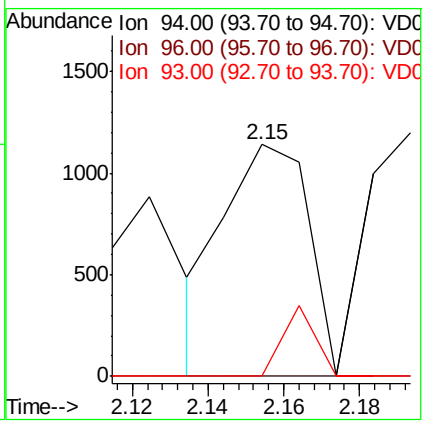


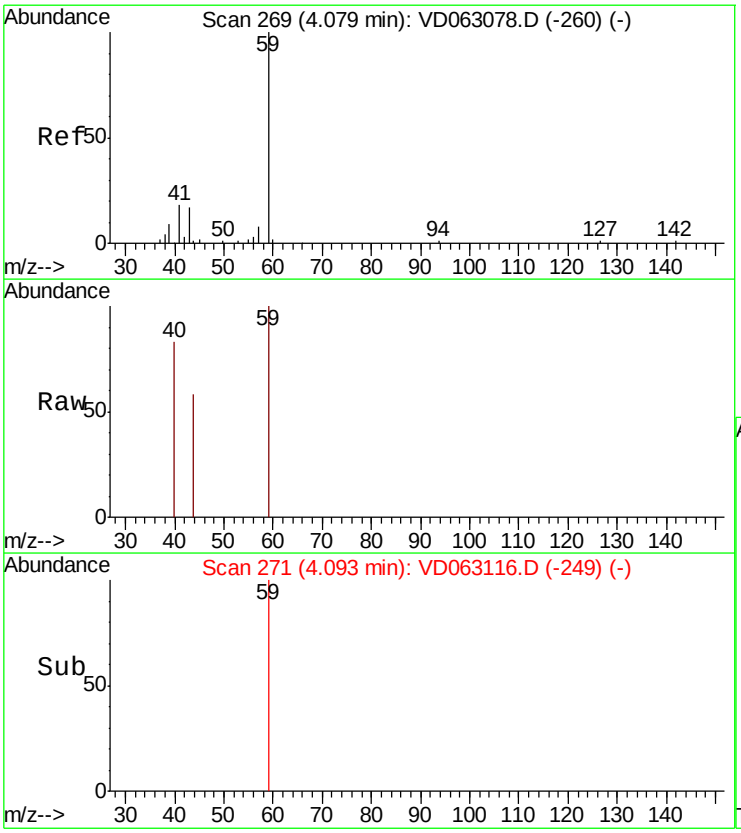
#5
Bromomethane
Concen: Below Cal
RT: 2.15 min Scan# 74
Delta R.T. 0.02 min
Lab File: VD063116.D
Acq: 16 Jul 2019 19:40

Instrument : MSVOA_D
ClientSampleId : RBR-200034

Tgt Ion: 94 Resp: 1757

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

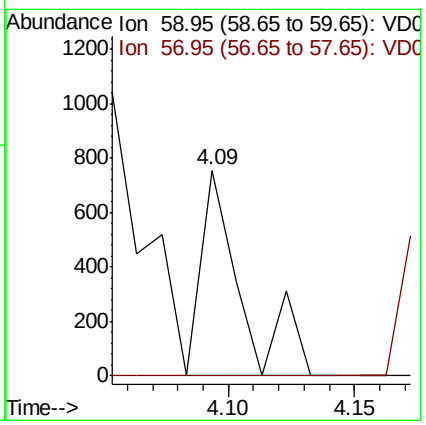


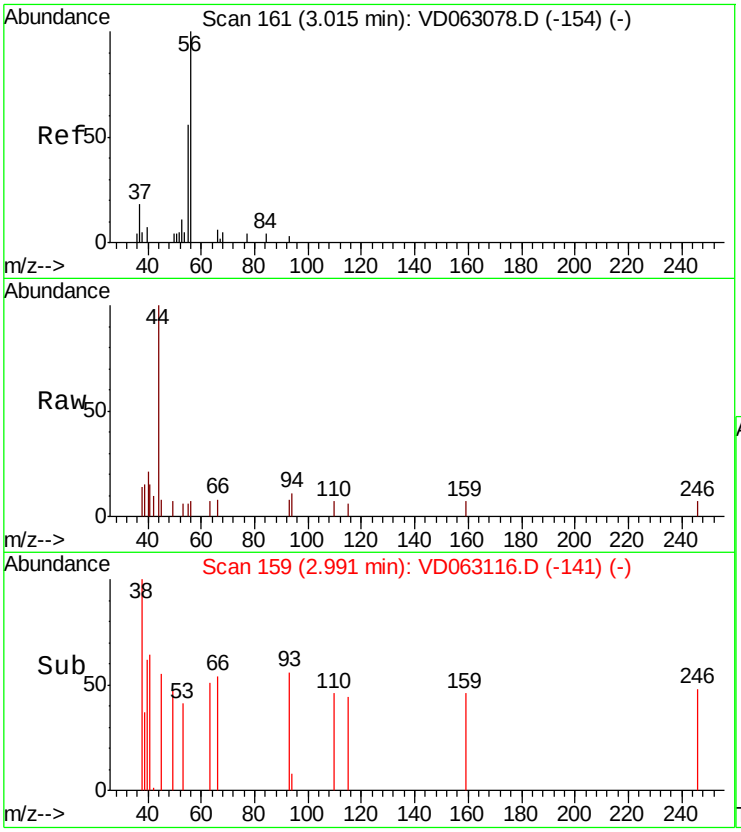


#11
Tert butyl alcohol
Concen: 1.926 ug/l
RT: 4.09 min Scan# 271
Delta R.T. 0.01 min
Lab File: VD063116.D
Acq: 16 Jul 2019 19:40

Tgt Ion: 59 Resp: 835

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#



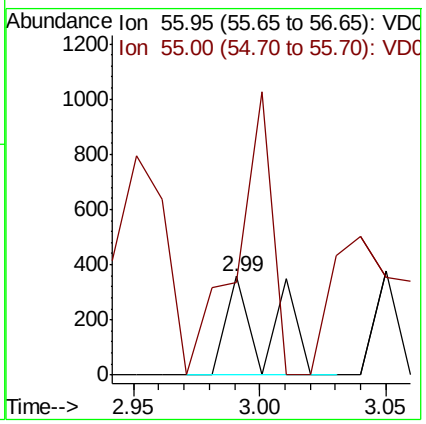


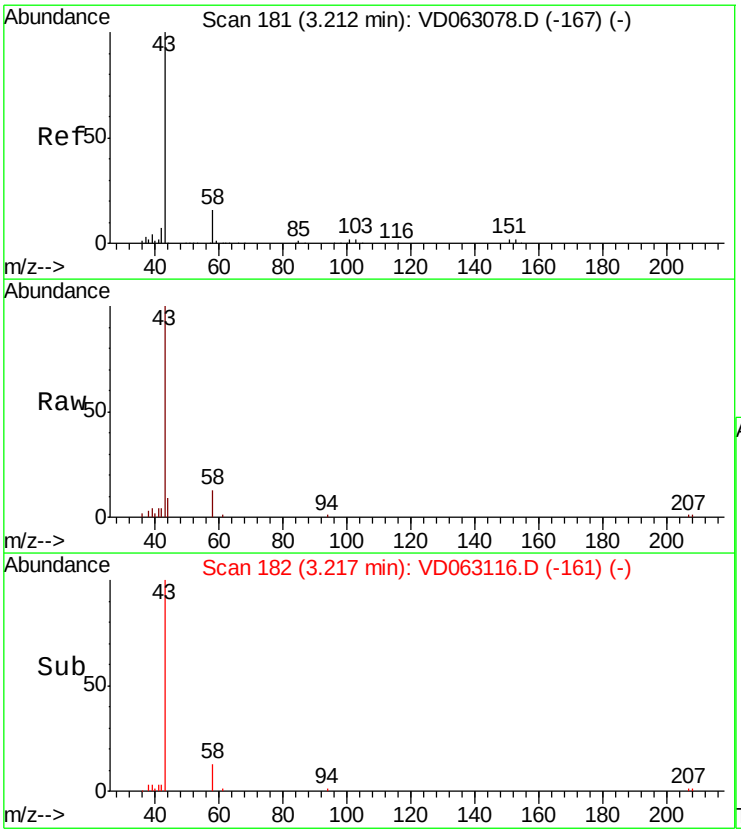
#13
Acrolein
Concen: 3.194 ug/l
RT: 2.99 min Scan# 159
Delta R.T. -0.02 min
Lab File: VD063116.D
Acq: 16 Jul 2019 19:40

Instrument : MSVOA_D
ClientSampleId : RBR-200034

Tgt Ion: 56 Resp: 418

Ion	Ratio	Lower	Upper
56	100		
55	94.4	53.0	79.4#

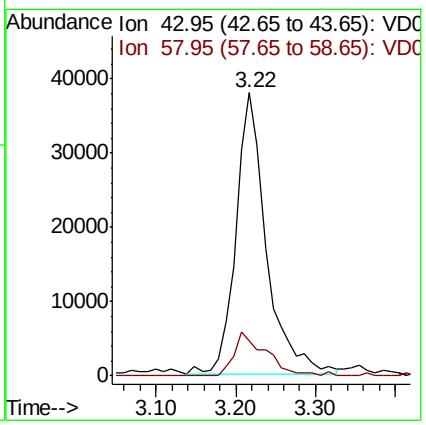


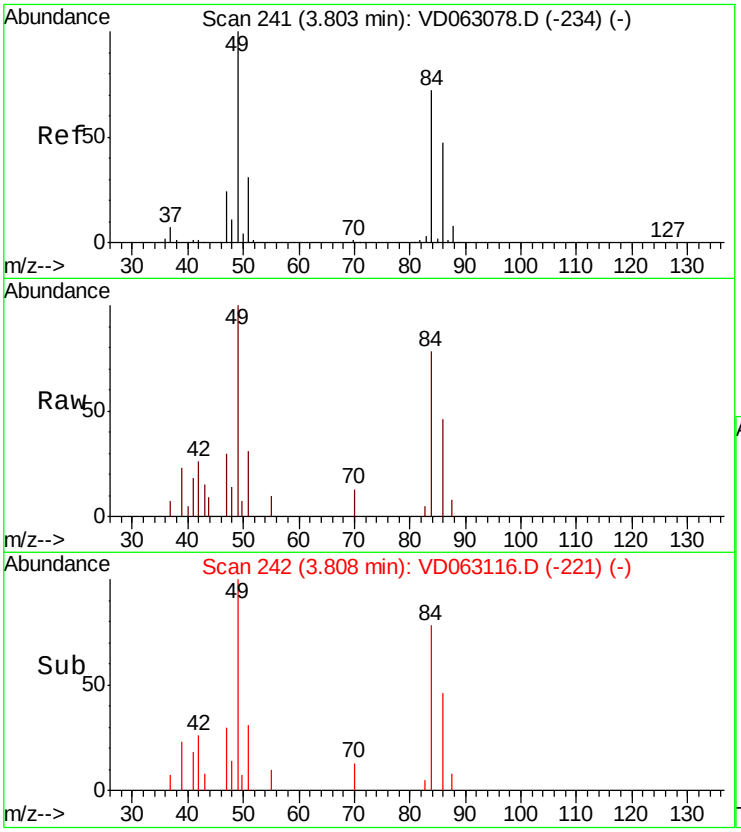


#16
Acetone
Concen: 54.866 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.00 min
Lab File: VD063116.D
Acq: 16 Jul 2019 19:40

Tgt Ion: 43 Resp: 99566

Ion	Ratio	Lower	Upper
43	100		
58	12.6	13.0	19.4#



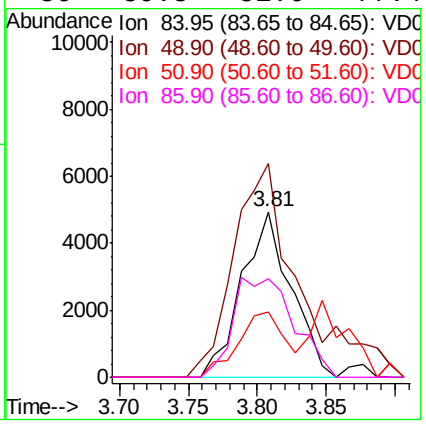


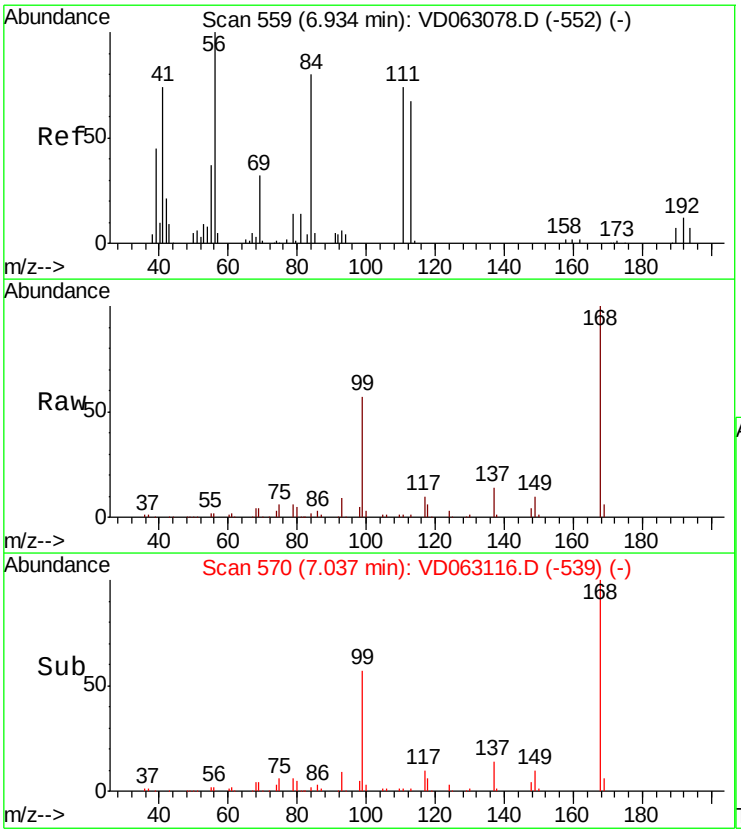
#20
Methylene Chloride
Concen: 1.792 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.00 min
Lab File: VD063116.D
Acq: 16 Jul 2019 19:40

Instrument : MSVOA_D
ClientSampleId : RBR-200034

Tgt Ion: 84 Resp: 12284

Ion	Ratio	Lower	Upper
84	100		
49	129.0	110.5	165.7
51	39.7	34.6	51.8
86	59.3	51.6	77.4

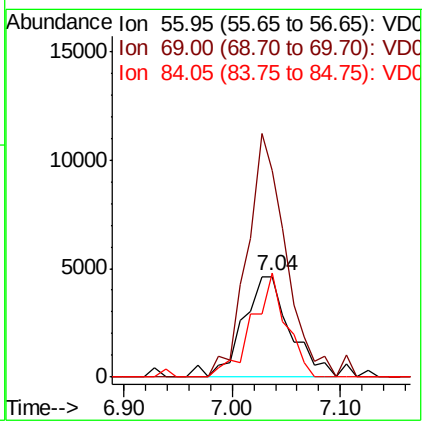


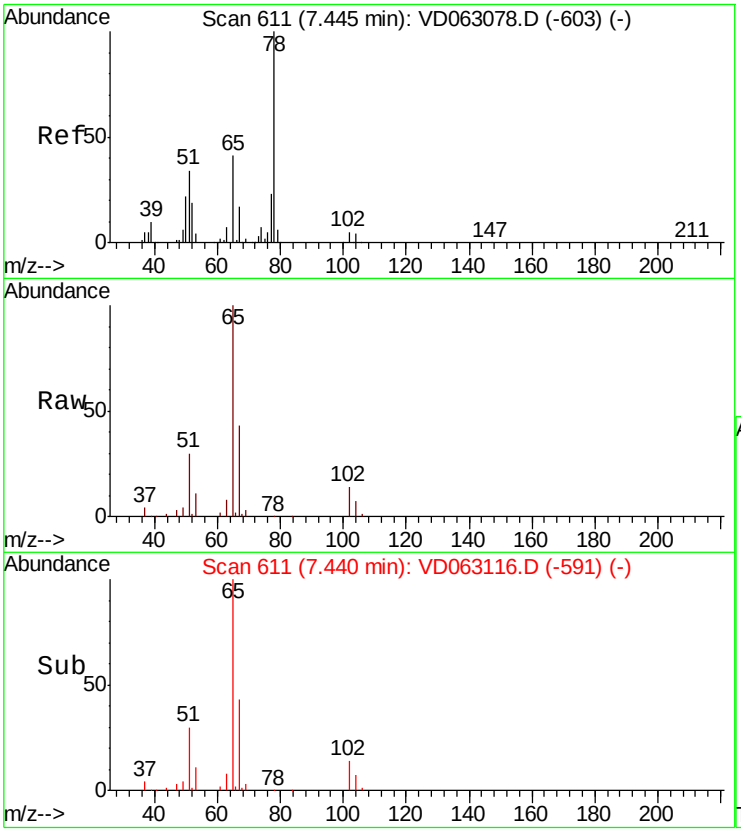


#31
Cyclohexane
Concen: 1.966 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.10 min
Lab File: VD063116.D
Acq: 16 Jul 2019 19:40

Tgt Ion: 56 Resp: 14063

Ion	Ratio	Lower	Upper
56	100		
69	205.0	25.3	37.9#
84	103.7	64.2	96.4#



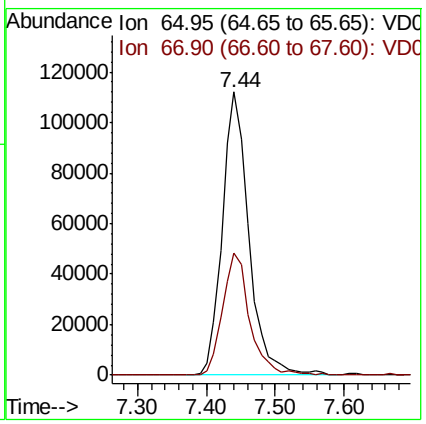


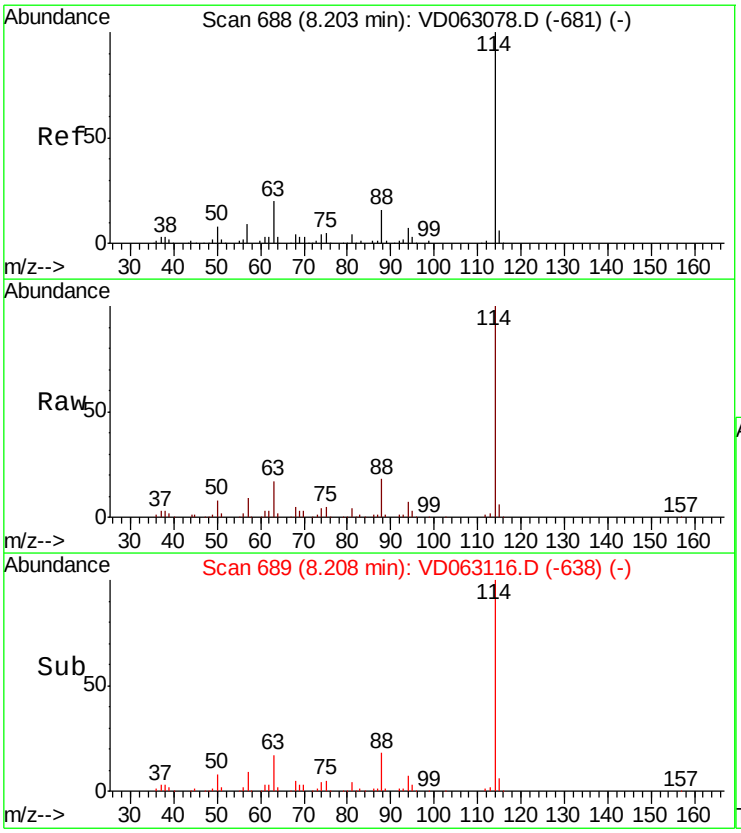
#33
1,2-Dichloroethane-d4
Concen: 39.793 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.00 min
Lab File: VD063116.D
Acq: 16 Jul 2019 19:40

Instrument : MSVOA_D
ClientSampleId : RBR-200034

Tgt Ion: 65 Resp: 298982

Ion	Ratio	Lower	Upper
65	100		
67	43.2	0.0	86.0

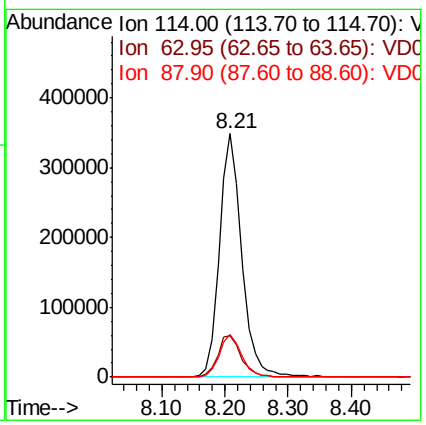


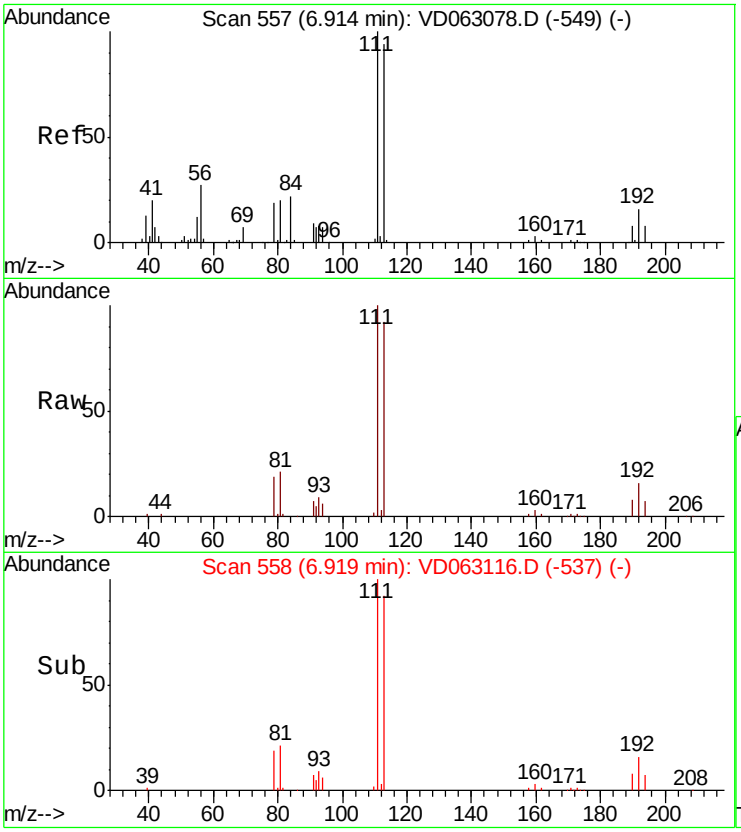


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 689
Delta R.T. 0.00 min
Lab File: VD063116.D
Acq: 16 Jul 2019 19:40

Tgt Ion:114 Resp: 855708

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	40.6
88	17.6	0.0	32.6



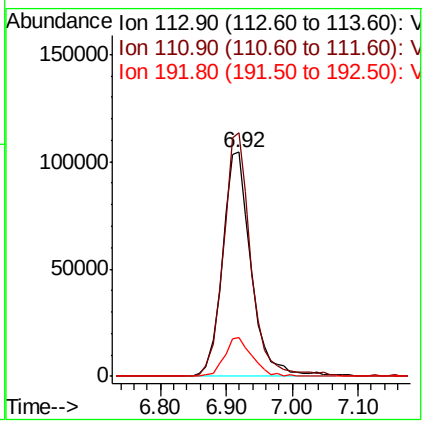


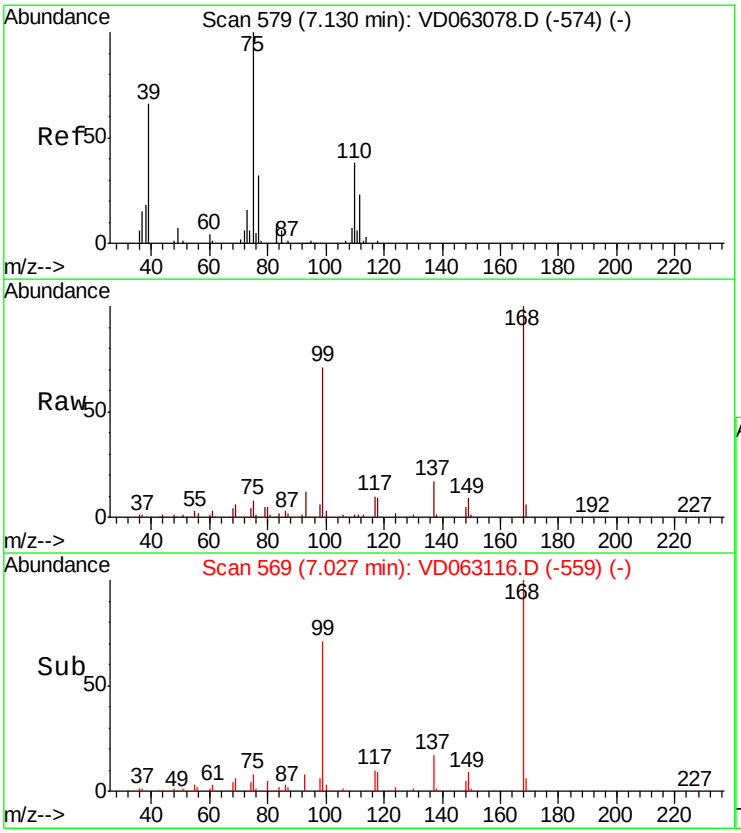
#35
Dibromofluoromethane
Concen: 37.218 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.00 min
Lab File: VD063116.D
Acq: 16 Jul 2019 19:40

Instrument :
MSVOA_D
ClientSampleId :
RBR-200034

Tgt Ion:113 Resp: 317207

Ion	Ratio	Lower	Upper
113	100		
111	108.7	84.8	127.2
192	17.2	13.4	20.0

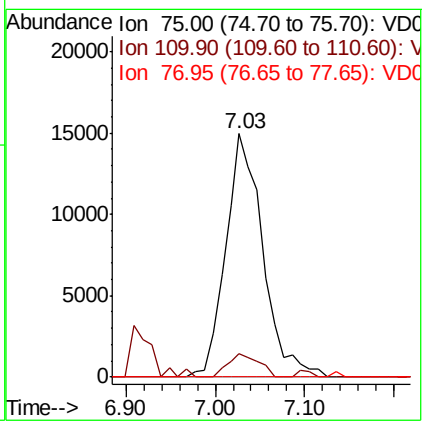


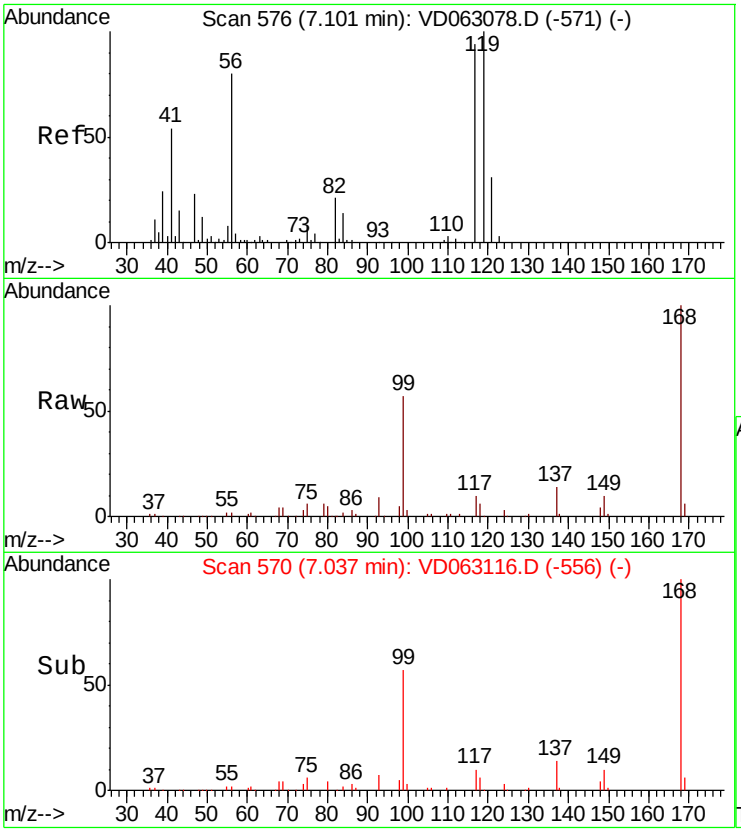


#36
1,1-Dichloropropene
Concen: 4.511 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.10 min
Lab File: VD063116.D
Acq: 16 Jul 2019 19:40

Tgt Ion: 75 Resp: 43415

Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.9	56.5#
77	0.0	25.2	37.8#



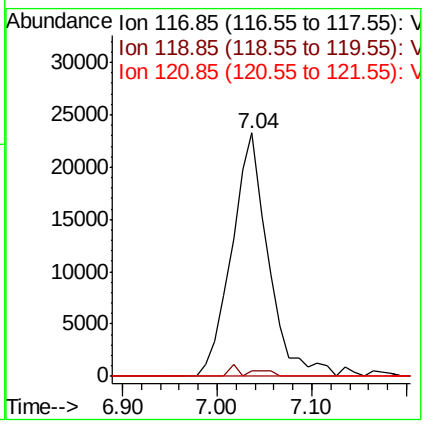


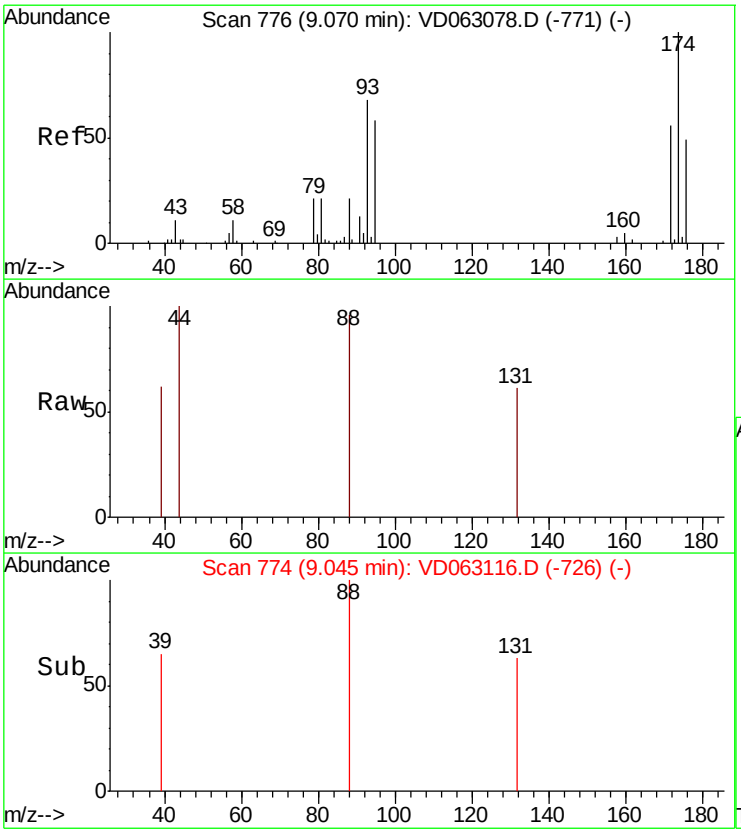
#38
Carbon Tetrachloride
Concen: 4.235 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.06 min
Lab File: VD063116.D
Acq: 16 Jul 2019 19:40

Instrument : MSVOA_D
ClientSampleId : RBR-200034

Tgt Ion:117 Resp: 61929

Ion	Ratio	Lower	Upper
117	100		
119	2.1	80.0	120.0#
121	0.0	25.0	37.4#

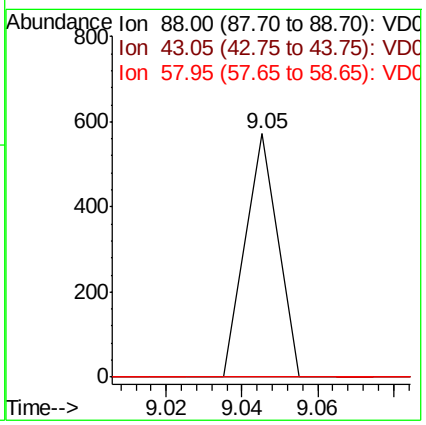


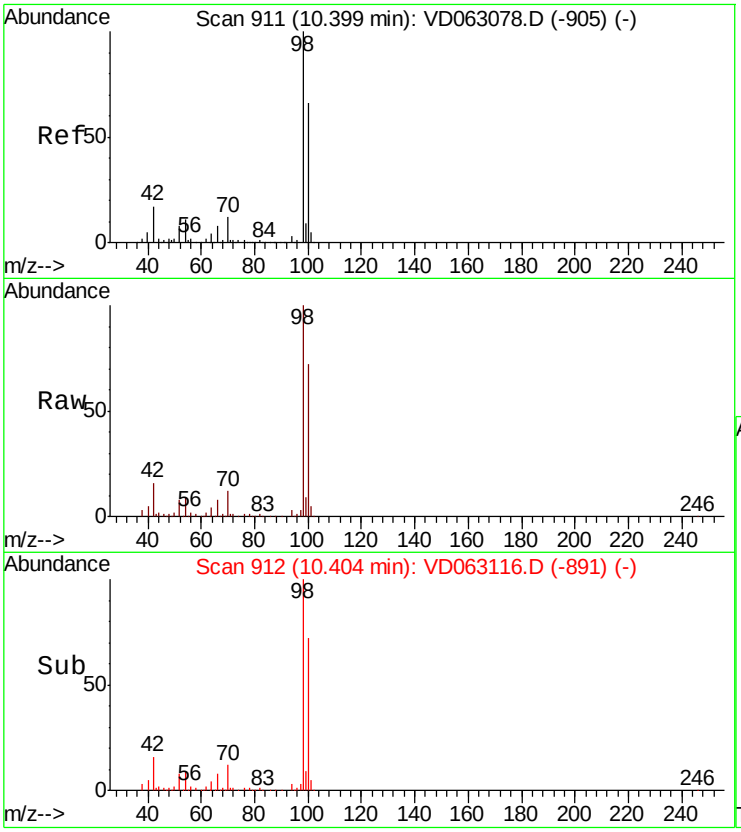


#49
1,4-Dioxane
Concen: 10.109 ug/l
RT: 9.05 min Scan# 774
Delta R.T. -0.02 min
Lab File: VD063116.D
Acq: 16 Jul 2019 19:40

Tgt Ion: 88 Resp: 338

Ion	Ratio	Lower	Upper
88	100		
43	0.0	40.2	60.4#
58	0.0	41.6	62.4#



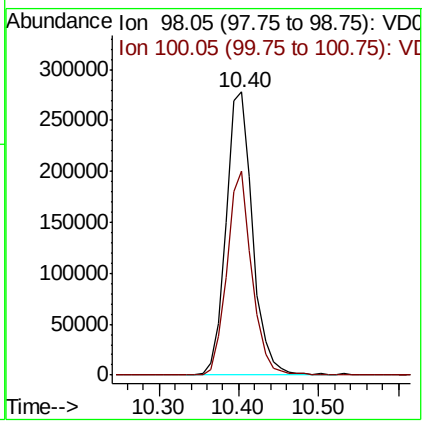


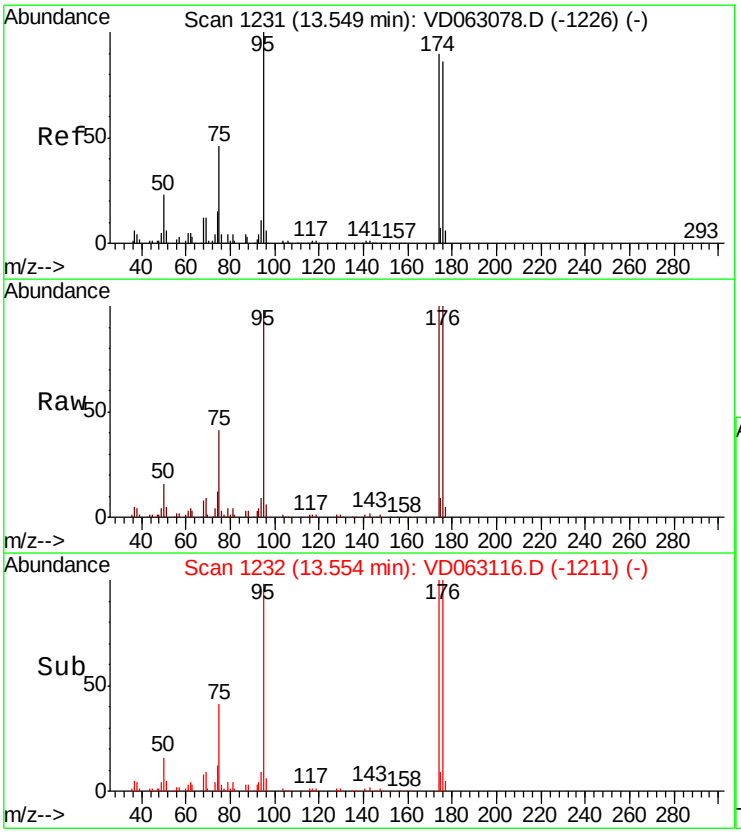
#50
Toluene-d8
Concen: 35.386 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD063116.D
Acq: 16 Jul 2019 19:40

Instrument : MSVOA_D
ClientSampleId : RBR-200034

Tgt Ion: 98 Resp: 647827

Ion	Ratio	Lower	Upper
98	100		
100	72.0	53.5	80.3

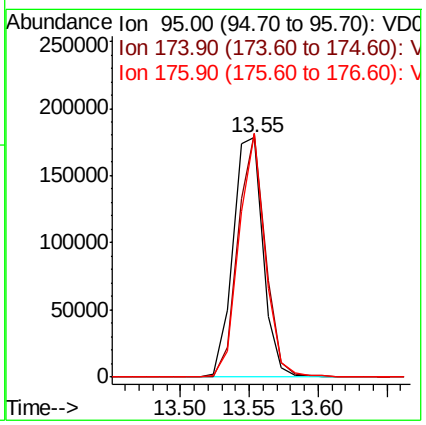


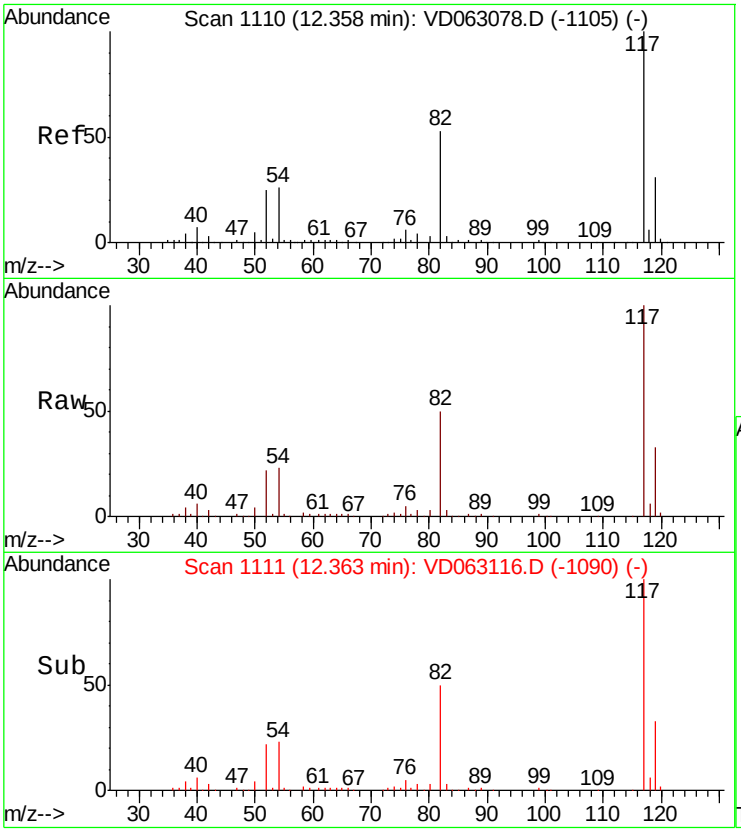


#62
4-Bromofluorobenzene
Concen: 32.050 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063116.D
Acq: 16 Jul 2019 19:40

Tgt Ion: 95 Resp: 271453

Ion	Ratio	Lower	Upper
95	100		
174	101.6	0.0	180.6
176	101.5	0.0	172.2



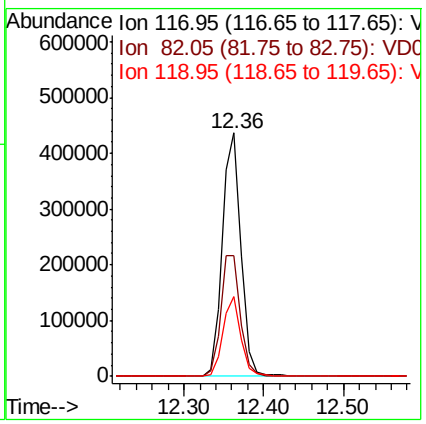


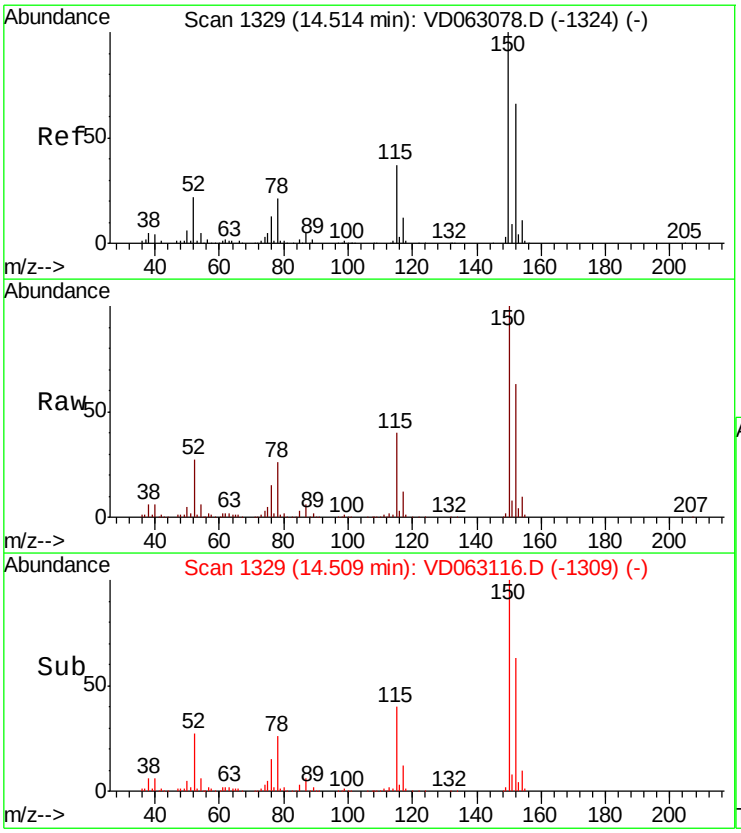
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063116.D
Acq: 16 Jul 2019 19:40

Instrument : MSVOA_D
ClientSampleId : RBR-200034

Tgt Ion:117 Resp: 721735

Ion	Ratio	Lower	Upper
117	100		
82	49.6	42.3	63.5
119	32.5	25.2	37.8

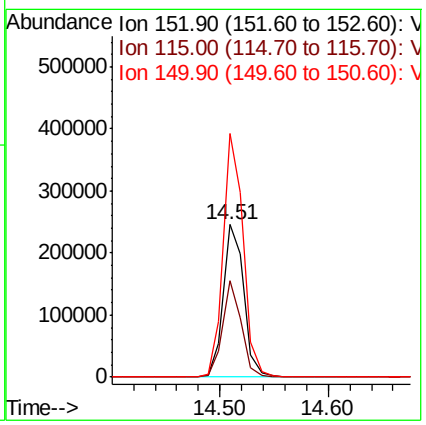


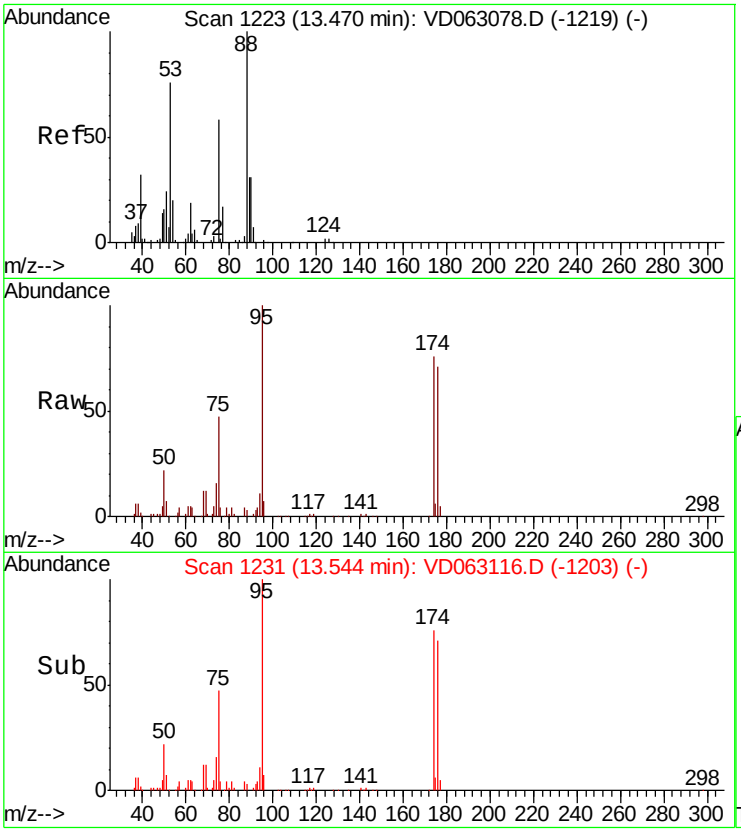


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD063116.D
Acq: 16 Jul 2019 19:40

Tgt Ion:152 Resp: 324635

Ion	Ratio	Lower	Upper
152	100		
115	63.3	28.9	86.8
150	159.7	0.0	313.8





#81
trans-1,4-Dichloro-2-butene
Concen: 95.796 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.07 min
Lab File: VD063116.D
Acq: 16 Jul 2019 19:40

Instrument :
MSVOA_D
ClientSampleId :
RBR-200034

Tgt Ion: 75 Resp: 125978

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