Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081619\
Data File : VD063631.D
Acq On : 16 Aug 2019 12:11
Operator : JC/SY
Sample : K43546-01RE
Misc : 4.03g/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-1RE

Quant Time: Aug 17 06:00:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	843800	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	1120705	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	636935	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	178424	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	458952	50.88	ug/l	-0.02
Spiked Amount 50.000			Recovery = 101.76%			
35) Dibromofluoromethane	6.91	113	506707	53.68	ug/l	-0.02
Spiked Amount 50.000			Recovery = 107.36%			
50) Toluene-d8	10.40	98	847652	40.85	ug/l	-0.02
Spiked Amount 50.000			Recovery = 81.70%			
62) 4-Bromofluorobenzene	13.55	95	210925	22.43	ug/l	-0.01
Spiked Amount 50.000			Recovery = 44.86%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.98	59	11862	30.211	ug/l #	71
13) Acrolein	3.01	56	723	1.871	ug/l	93
16) Acetone	3.21	43	414988	226.336	ug/l	98
17) Carbon Disulfide	3.37	76	67083	3.117	ug/l	96
20) Methylene Chloride	3.80	84	33125	4.178	ug/l	90
25) 2-Butanone	6.06	43	142904	78.916	ug/l	99
29) Tetrahydrofuran	6.43	42	1960	2.323	ug/l #	35
31) Cyclohexane	7.03	56	19403	2.382	ug/l #	17
36) 1,1-Dichloropropene	7.03	75	57553	5.809	ug/l #	49
37) Ethyl Acetate	6.06	43	134311	32.353	ug/l #	73
38) Carbon Tetrachloride	7.03	117	85642	5.736	ug/l #	18
49) 1,4-Dioxane	9.06	88	193	30.330	ug/l #	34
81) trans-1,4-Dichloro-2-buten	13.55	75	94906	172.440	ug/l #	1

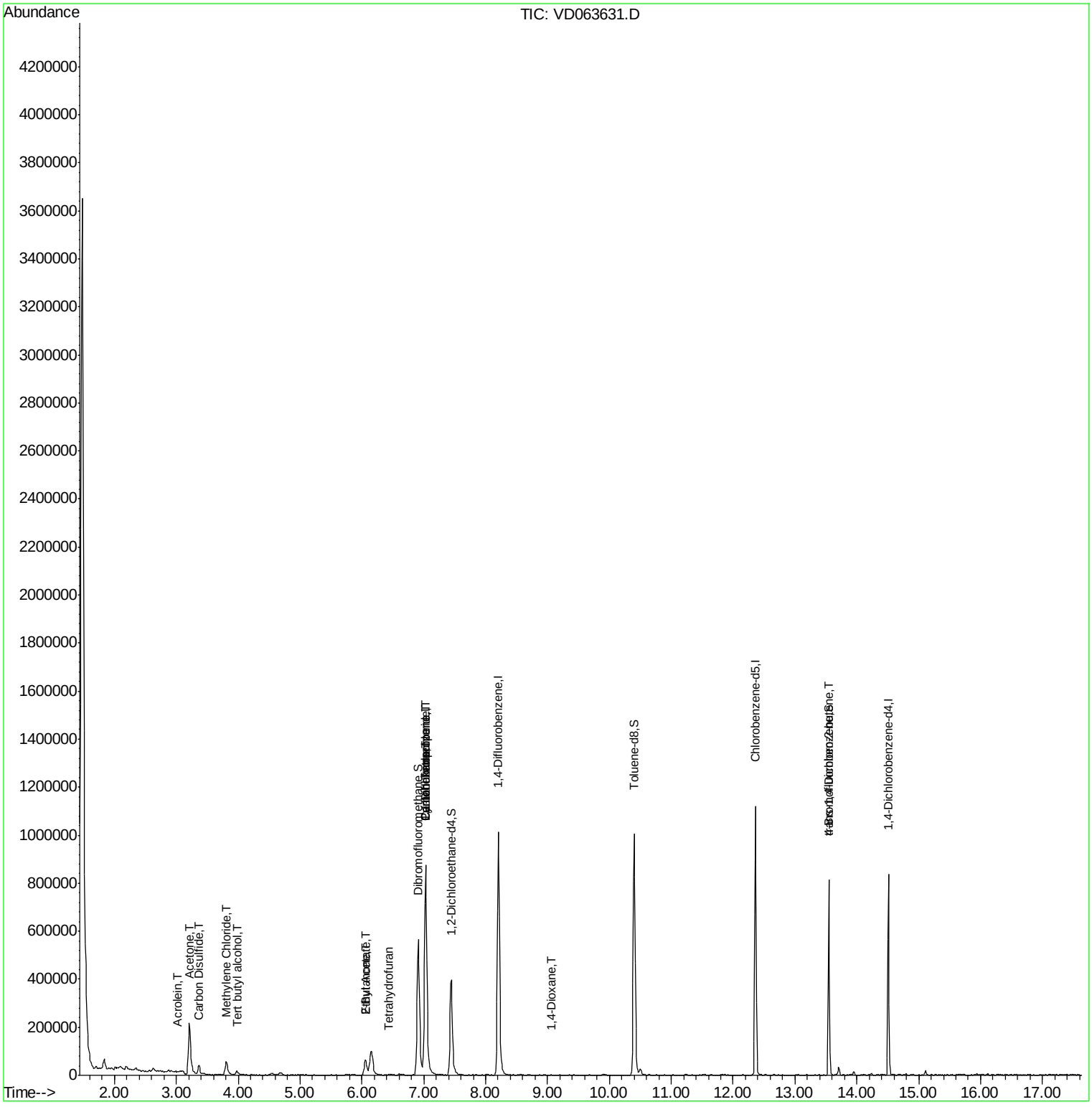
(#) = qualifier out of range (m) = manual integration (+) = signals summed

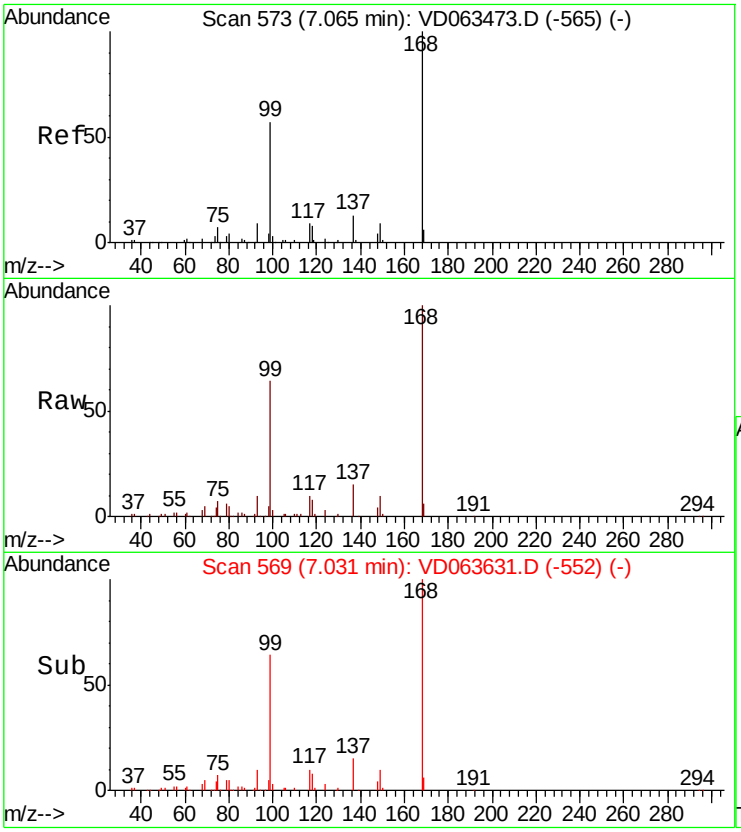
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081619\
Data File : VD063631.D
Acq On : 16 Aug 2019 12:11
Operator : JC/SY
Sample : K43546-01RE
Misc : 4.03g/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

Quant Time: Aug 17 06:00:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration



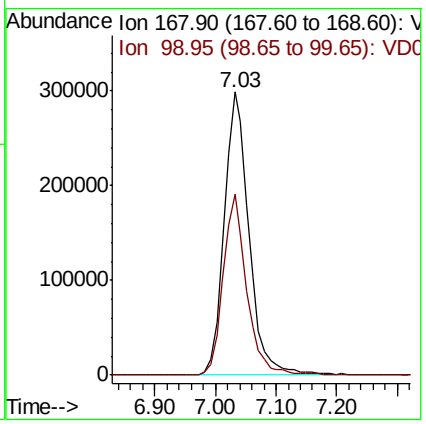


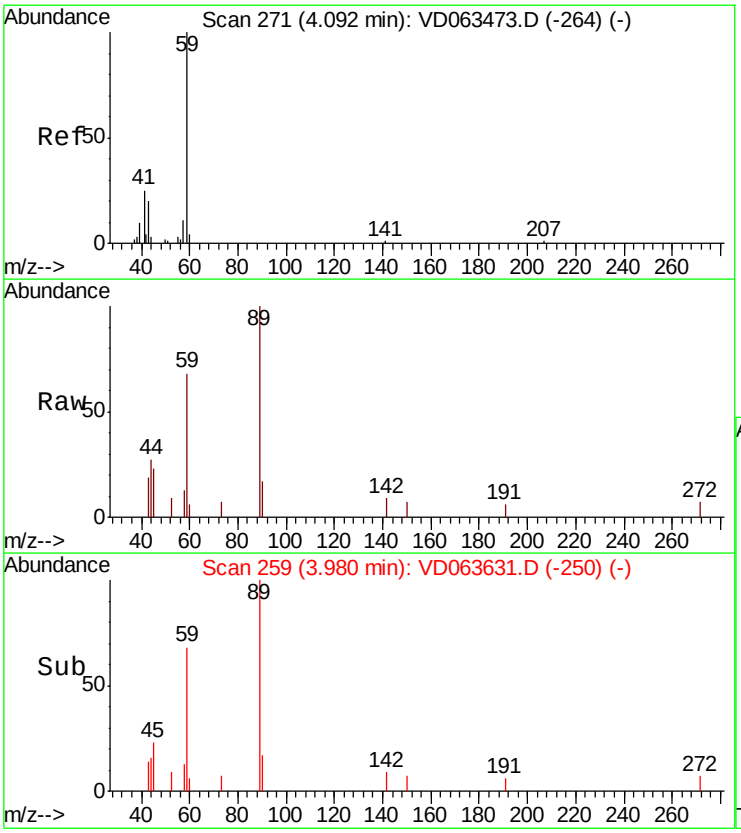
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.03 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

Tgt Ion:168 Resp: 843800

Ion	Ratio	Lower	Upper
168	100		
99	64.1	46.7	70.1

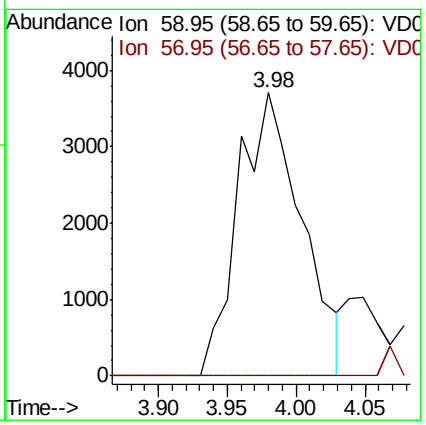


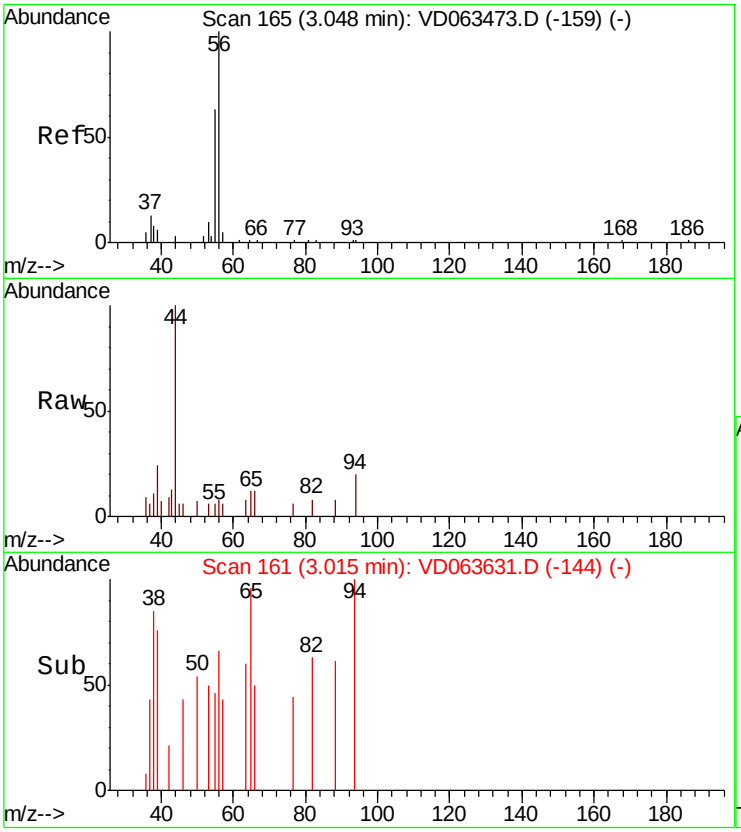


#11
Tert butyl alcohol
Concen: 30.211 ug/l
RT: 3.98 min Scan# 259
Delta R.T. -0.11 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Tgt Ion: 59 Resp: 11862

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



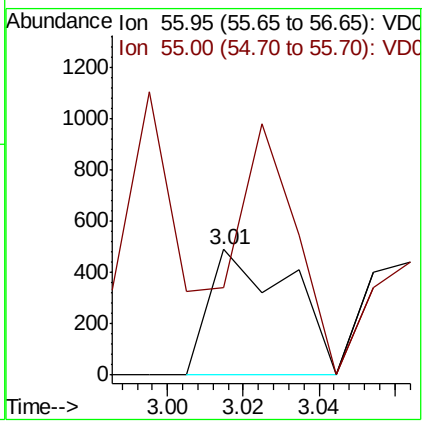


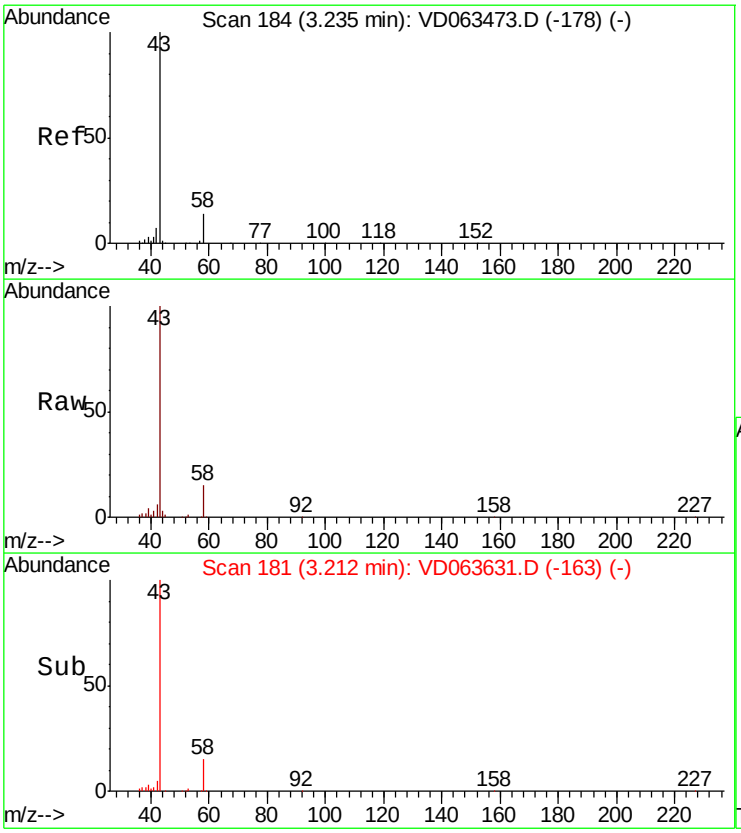
#13
Acrolein
Concen: 1.871 ug/l
RT: 3.01 min Scan# 161
Delta R.T. -0.03 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Instrument : MSVOA_D
ClientSampleId : TP-1RE

Tgt Ion: 56 Resp: 723

Ion	Ratio	Lower	Upper
56	100		
55	69.9	51.3	76.9

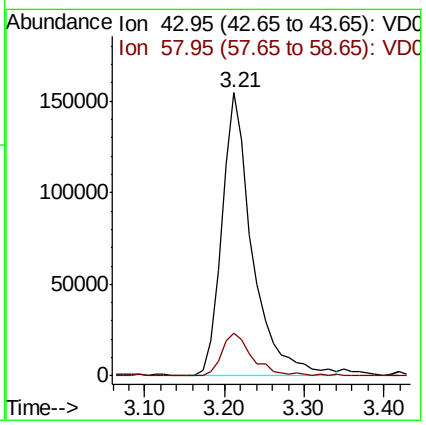


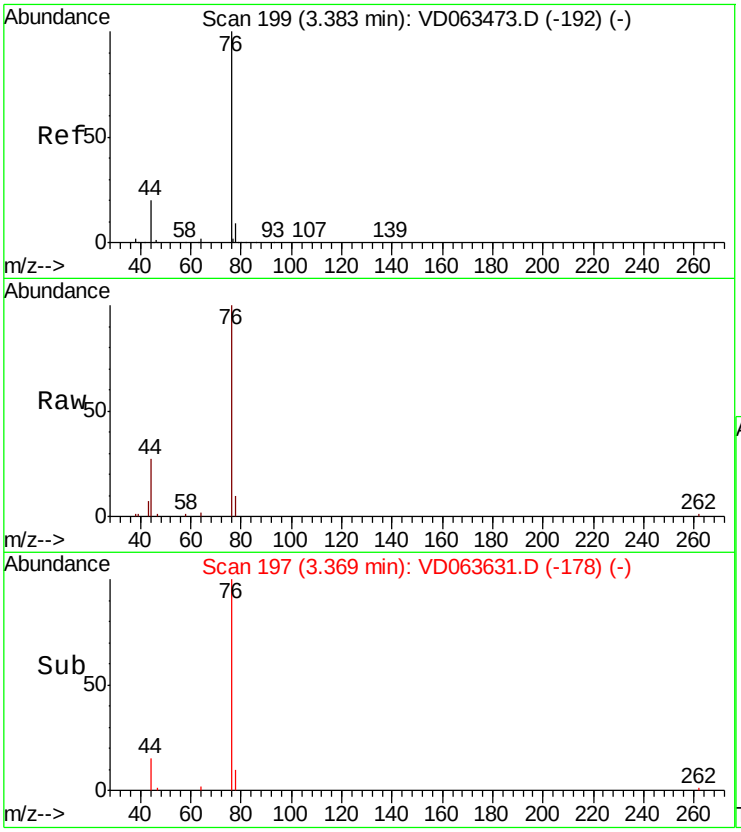


#16
Acetone
Concen: 226.336 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.02 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Tgt Ion: 43 Resp: 414988

Ion	Ratio	Lower	Upper
43	100		
58	15.3	11.4	17.2



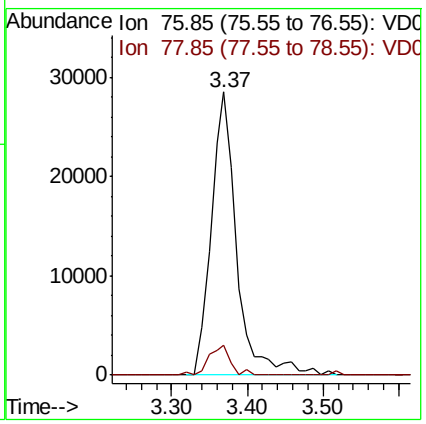


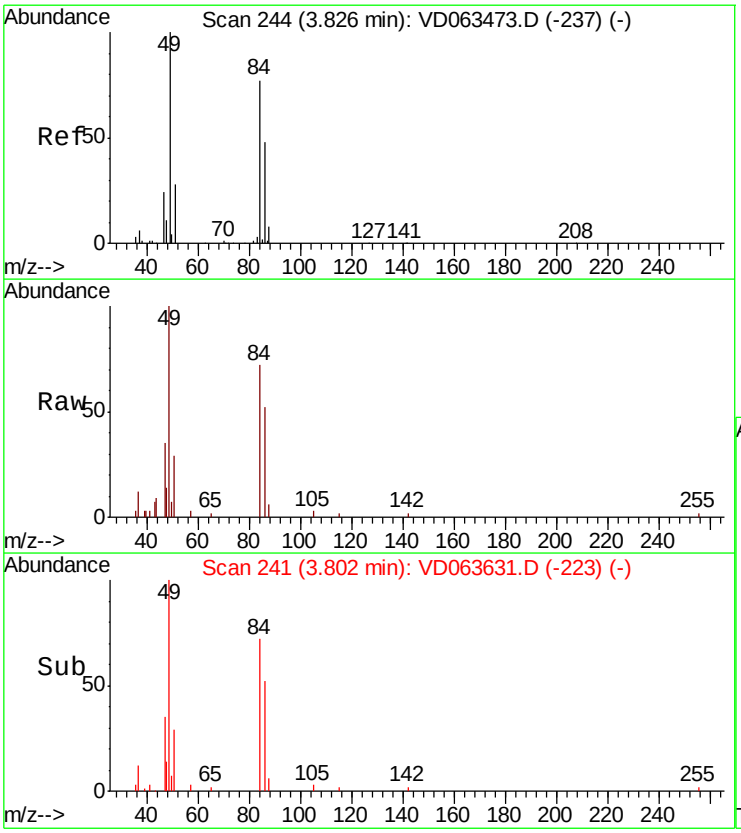
#17
Carbon Disulfide
Concen: 3.117 ug/l
RT: 3.37 min Scan# 197
Delta R.T. -0.01 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Instrument : MSVOA_D
ClientSampleId : TP-1RE

Tgt Ion: 76 Resp: 67083

Ion	Ratio	Lower	Upper
76	100		
78	10.5	7.4	11.0

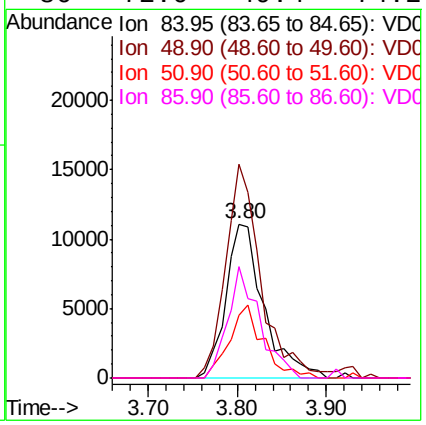


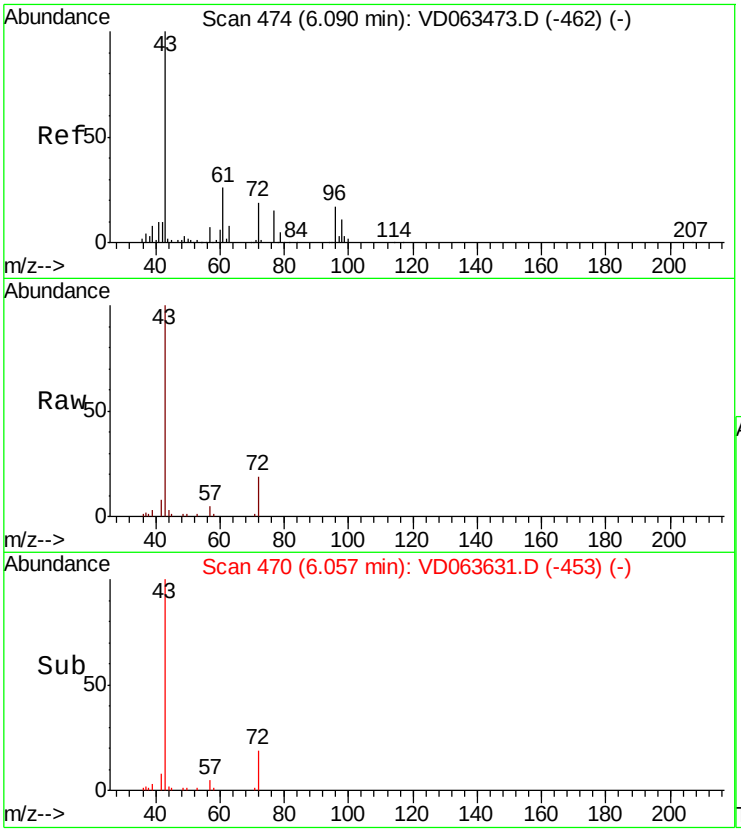


#20
Methylene Chloride
Concen: 4.178 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Tgt Ion: 84 Resp: 33125

Ion	Ratio	Lower	Upper
84	100		
49	138.7	103.4	155.2
51	40.7	28.5	42.7
86	72.0	49.4	74.2



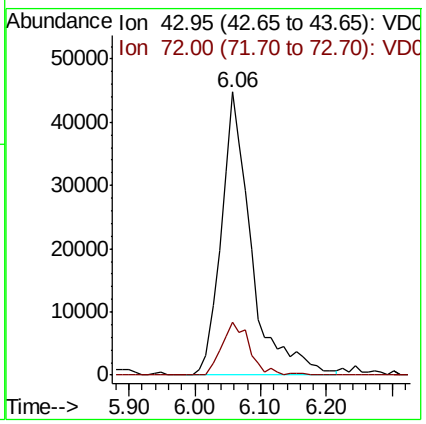


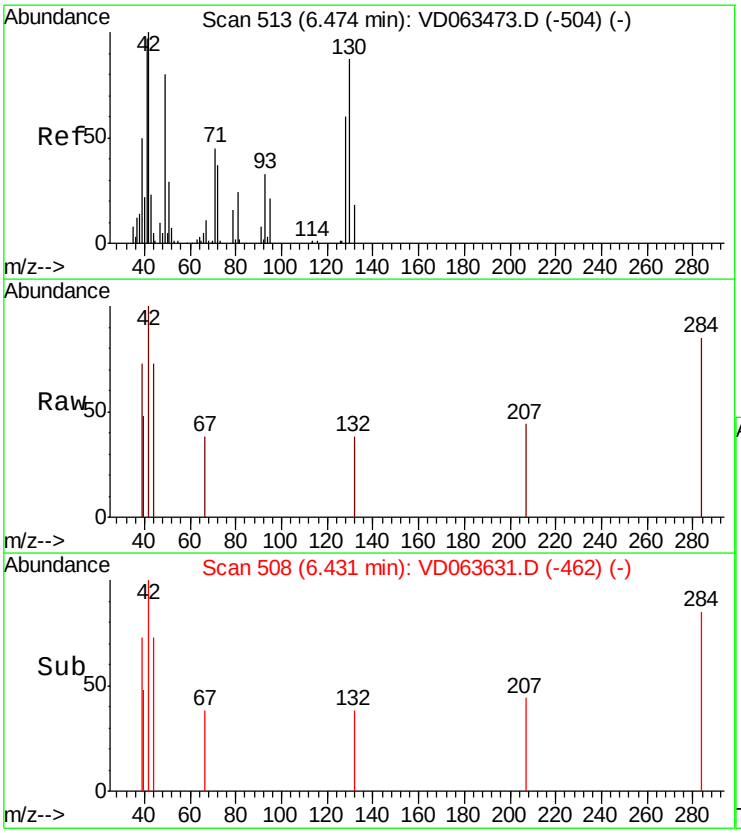
#25
2-Butanone
Concen: 78.916 ug/l
RT: 6.06 min Scan# 470
Delta R.T. -0.03 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

Tgt Ion: 43 Resp: 142904

Ion	Ratio	Lower	Upper
43	100		
72	18.7	15.1	22.7

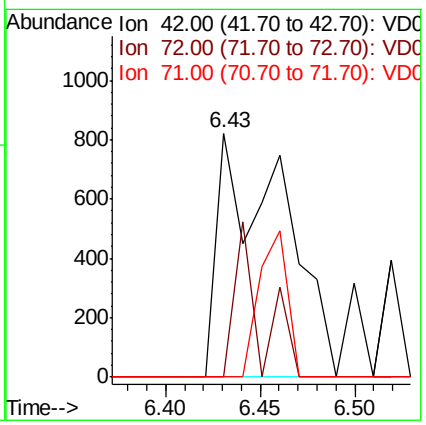


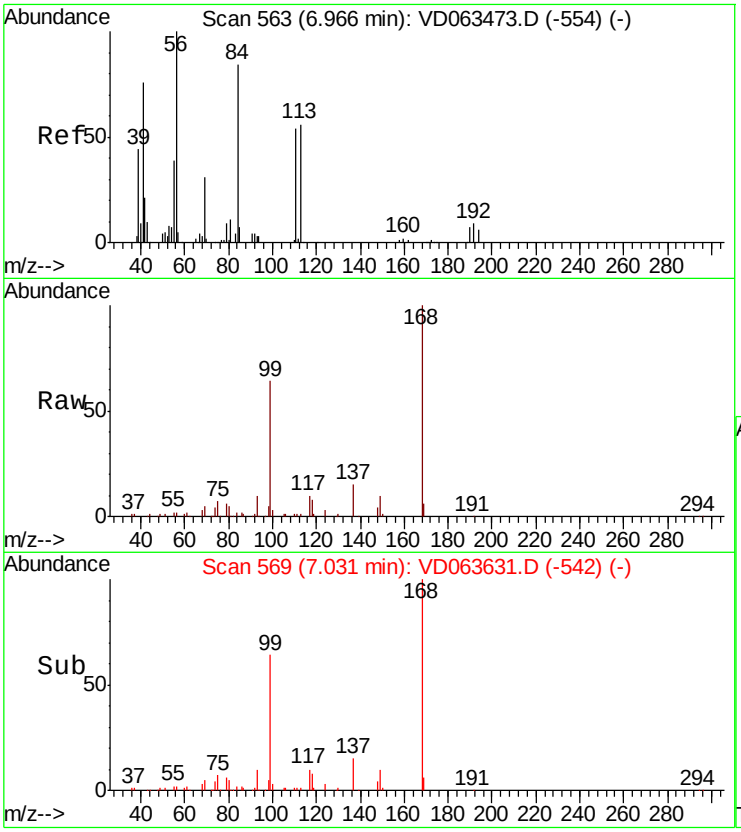


#29
Tetrahydrofuran
Concen: 2.323 ug/l
RT: 6.43 min Scan# 508
Delta R.T. -0.04 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Tgt Ion: 42 Resp: 1960

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.5	47.3#
71	0.0	33.8	50.8#



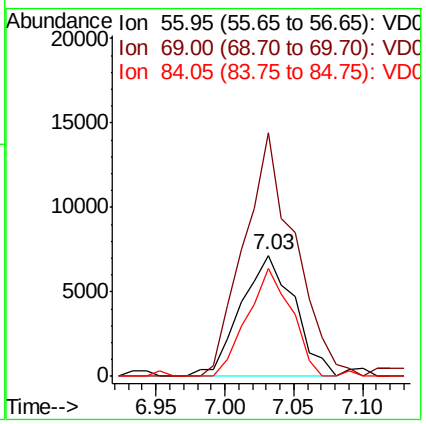


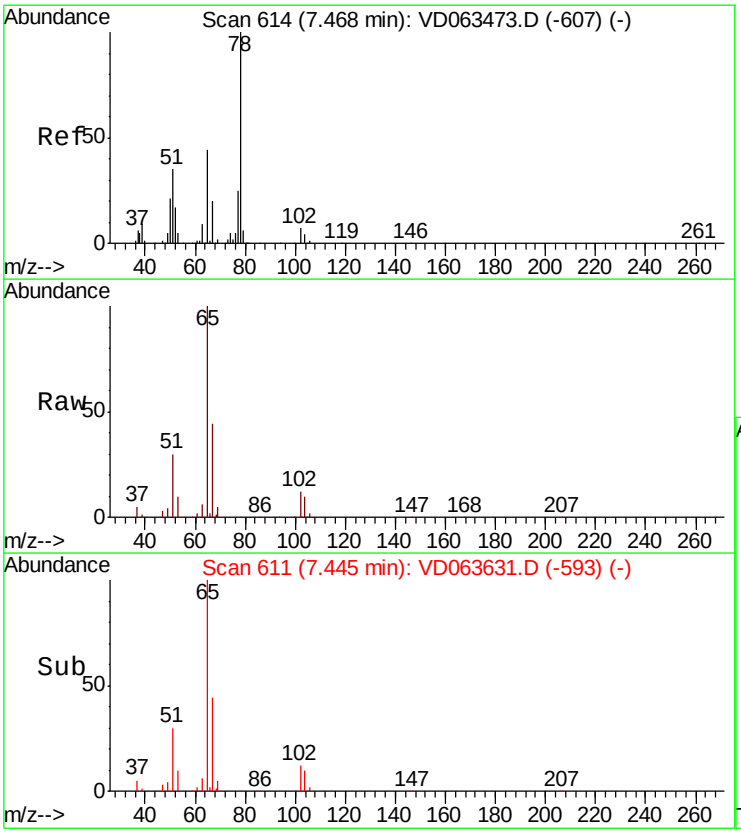
#31
Cyclohexane
Concen: 2.382 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.06 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Instrument : MSVOA_D
ClientSampleId : TP-1RE

Tgt Ion: 56 Resp: 19403

Ion	Ratio	Lower	Upper
56	100		
69	200.9	25.0	37.6#
84	88.9	69.7	104.5

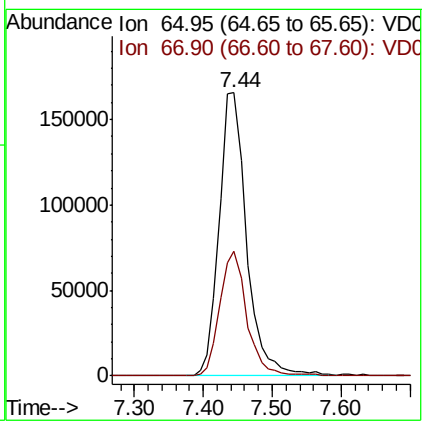


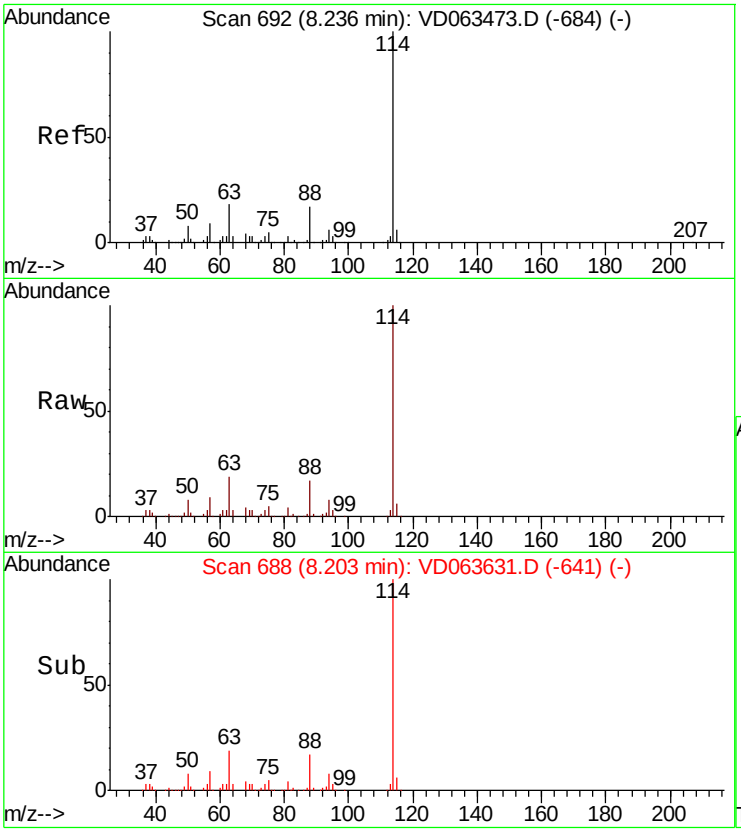


#33
1,2-Dichloroethane-d4
Concen: 50.884 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Tgt Ion: 65 Resp: 458952

Ion	Ratio	Lower	Upper
65	100		
67	44.1	0.0	89.2



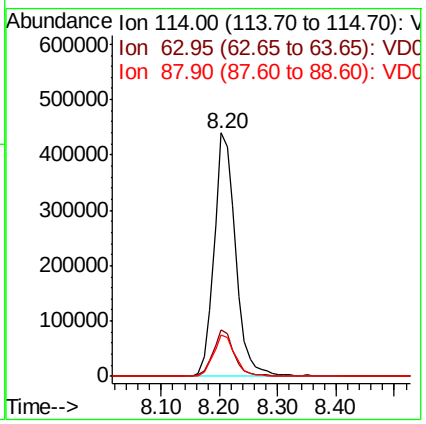


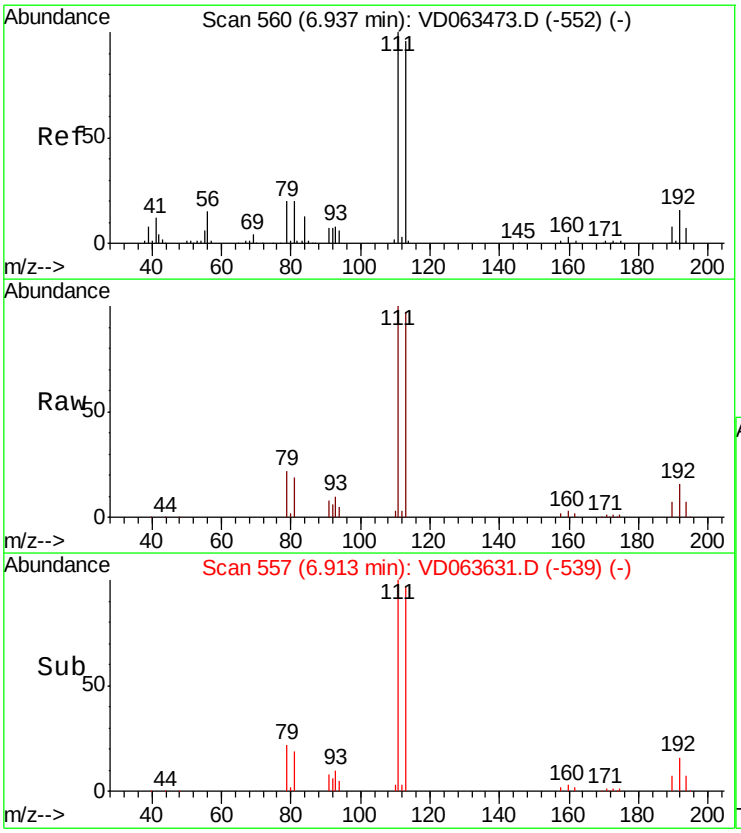
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 688
Delta R.T. -0.03 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

Tgt Ion:114 Resp: 1120705

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	36.2
88	17.0	0.0	35.0

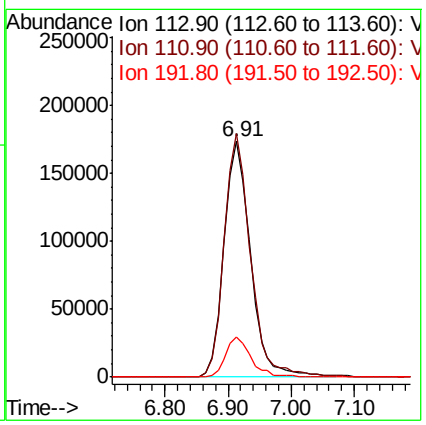


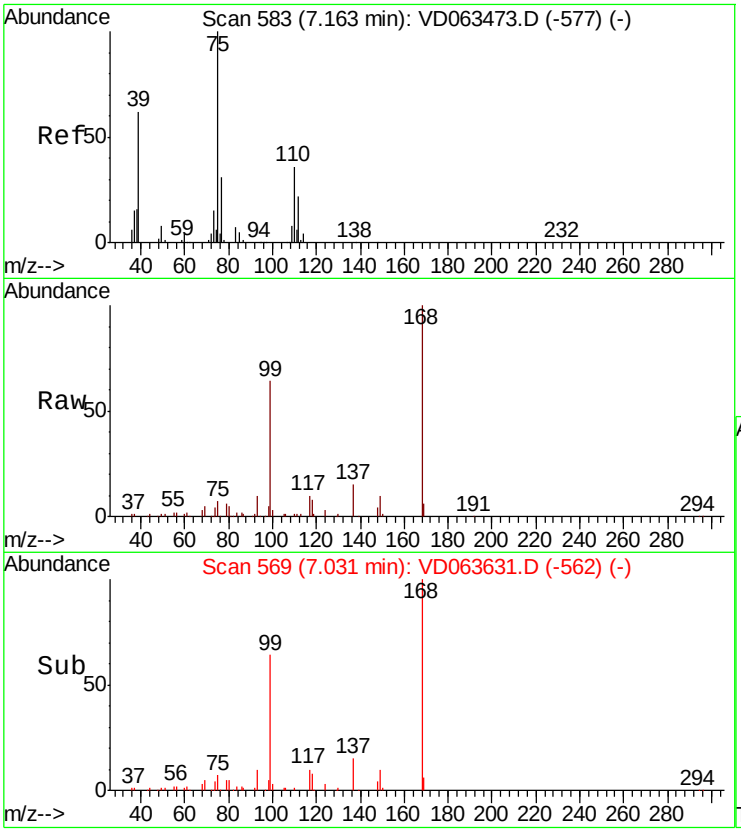


#35
Dibromofluoromethane
Concen: 53.684 ug/l
RT: 6.91 min Scan# 557
Delta R.T. -0.02 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Tgt Ion:113 Resp: 506707

Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.1	124.7
192	16.9	13.1	19.7



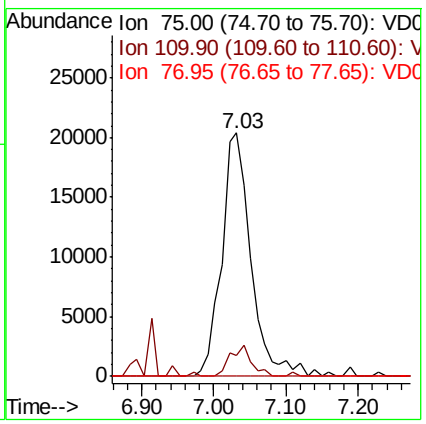


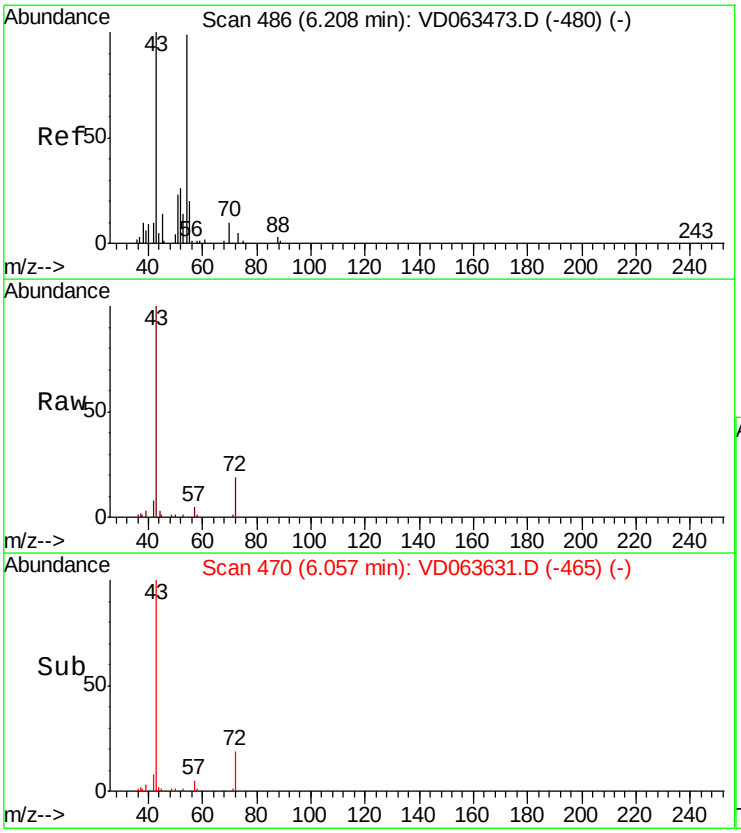
#36
1,1-Dichloropropene
Concen: 5.809 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.13 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Instrument : MSVOA_D
ClientSampleId : TP-1RE

Tgt Ion: 75 Resp: 57553

Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.6	52.8#
77	0.0	24.3	36.5#

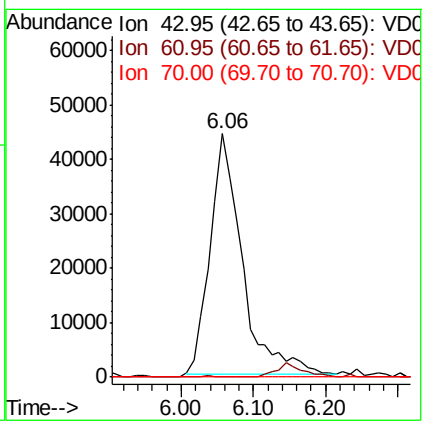


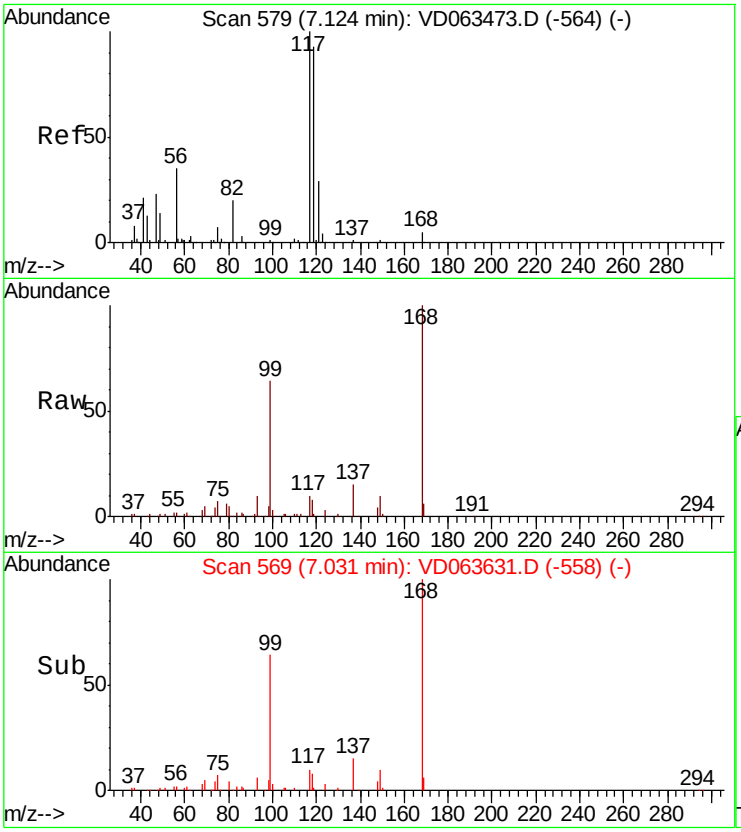


#37
Ethyl Acetate
Concen: 32.353 ug/l
RT: 6.06 min Scan# 470
Delta R.T. -0.15 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Tgt Ion: 43 Resp: 134311

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.0	13.6#
70	0.0	6.9	10.3#



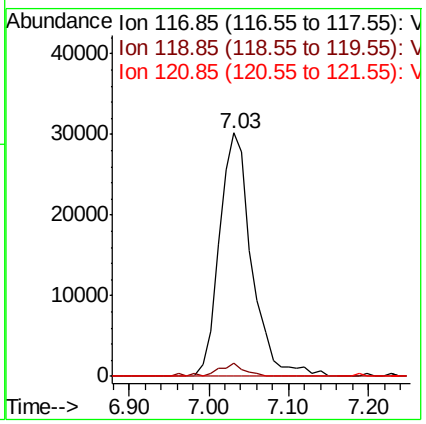


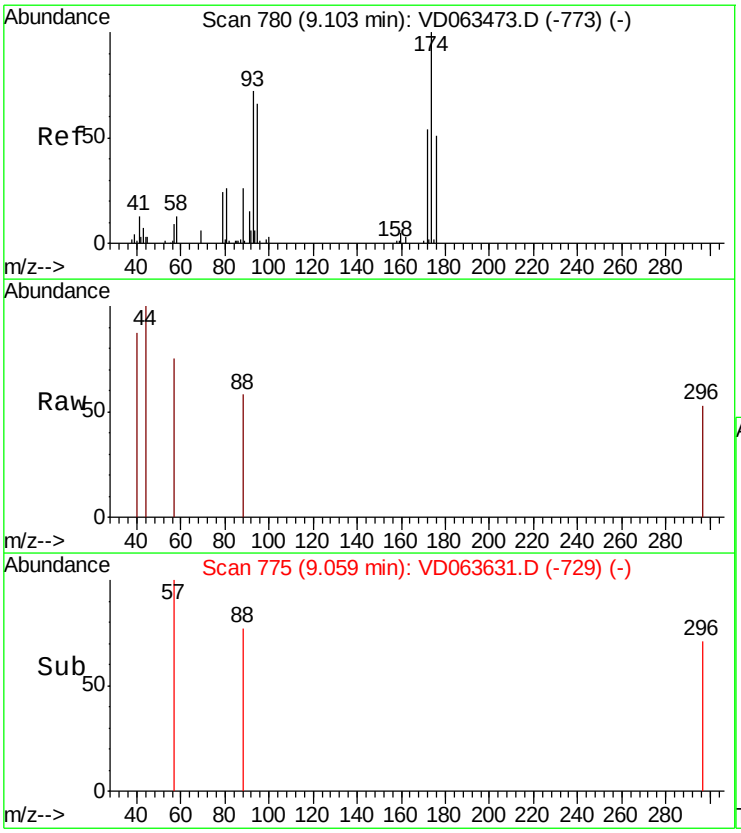
#38
Carbon Tetrachloride
Concen: 5.736 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.09 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Instrument : MSVOA_D
ClientSampleId : TP-1RE

Tgt Ion:117 Resp: 85642

Ion	Ratio	Lower	Upper
117	100		
119	5.4	74.2	111.2#
121	0.0	23.1	34.7#

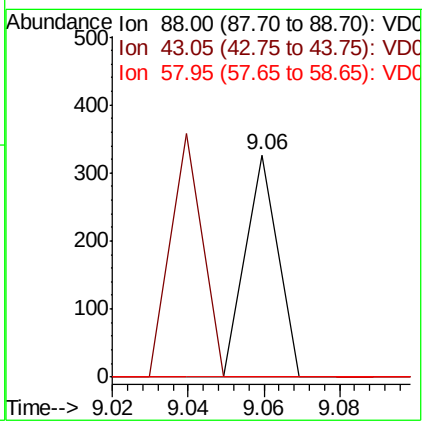


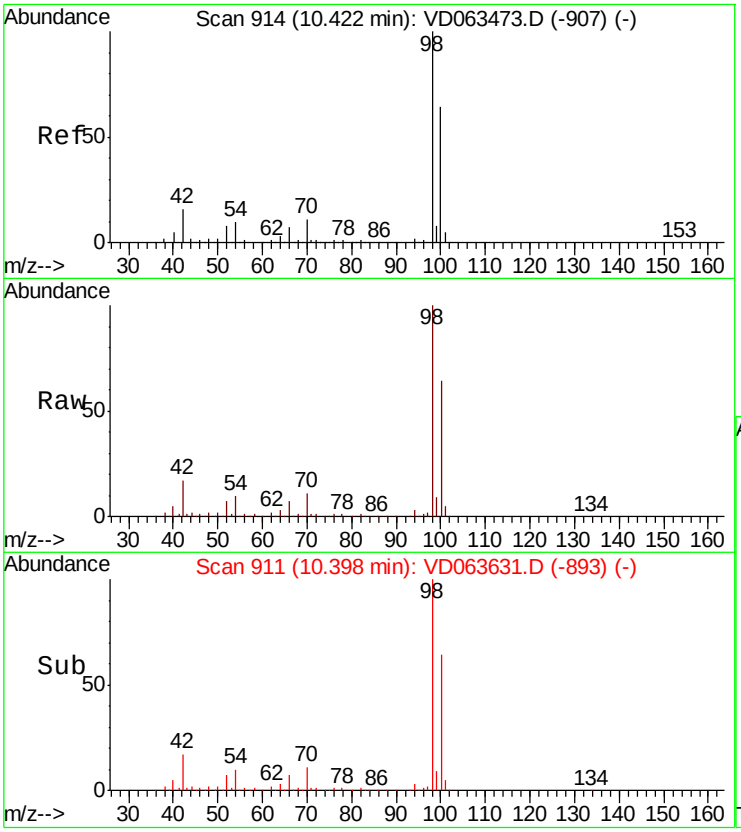


#49
1,4-Dioxane
Concen: 30.330 ug/l
RT: 9.06 min Scan# 775
Delta R.T. -0.04 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Tgt Ion: 88 Resp: 193

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	0.0	40.1	60.1#



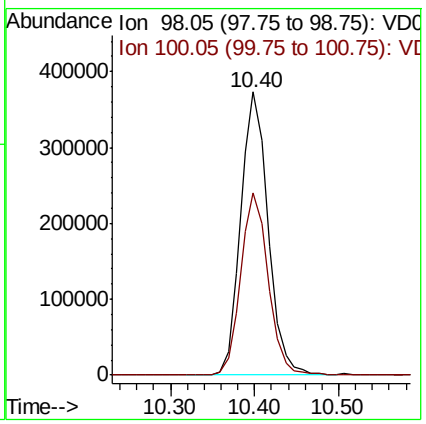


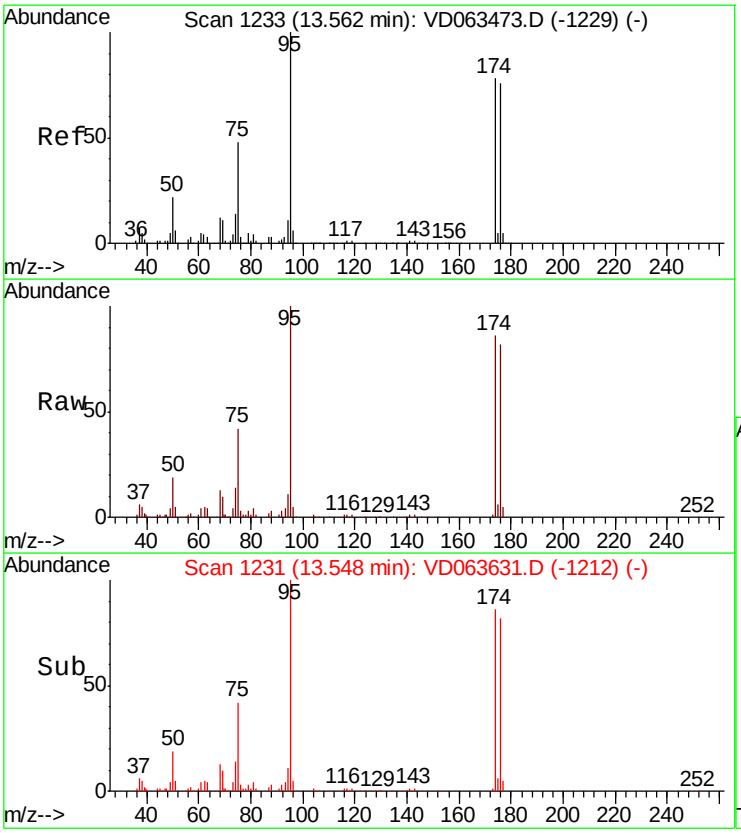
#50
Toluene-d8
Concen: 40.848 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

Tgt Ion: 98 Resp: 847652

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5

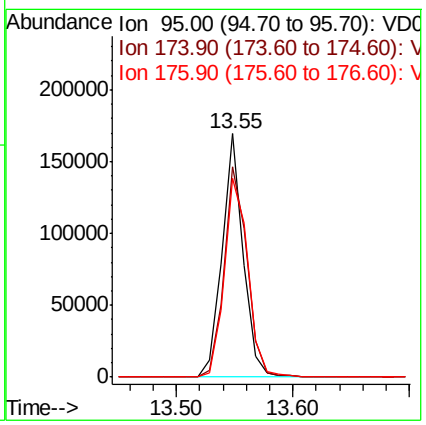


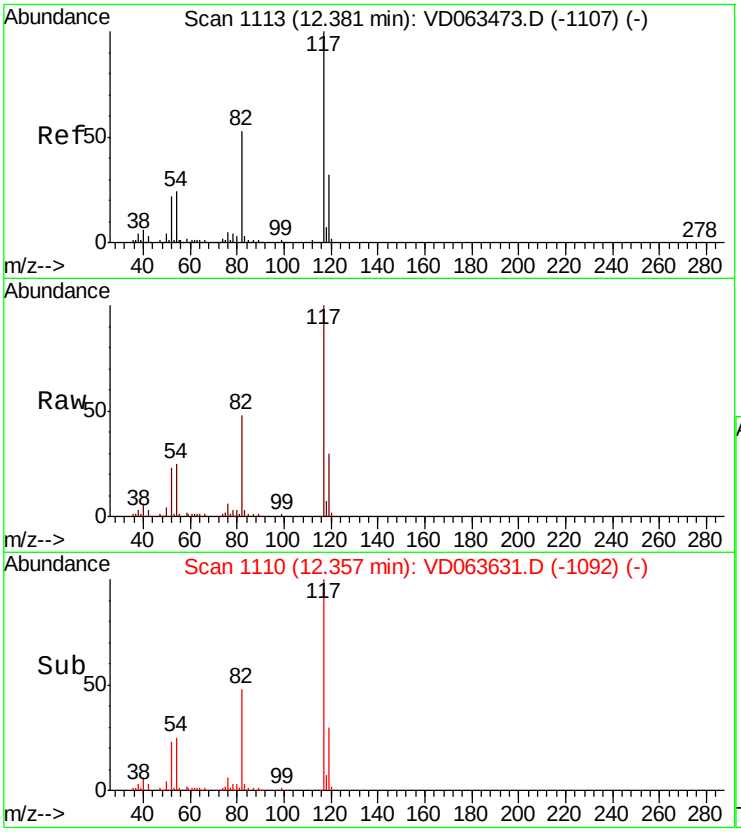


#62
4-Bromofluorobenzene
Concen: 22.426 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Tgt Ion: 95 Resp: 210925

Ion	Ratio	Lower	Upper
95	100		
174	86.2	0.0	155.4
176	81.7	0.0	152.4



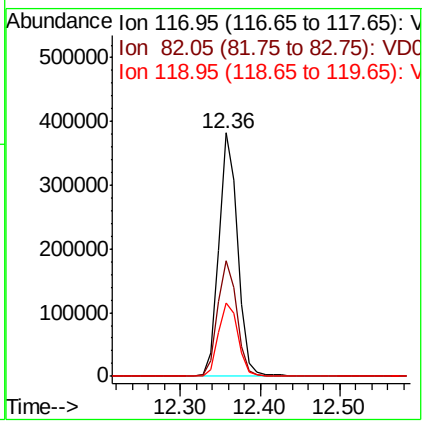


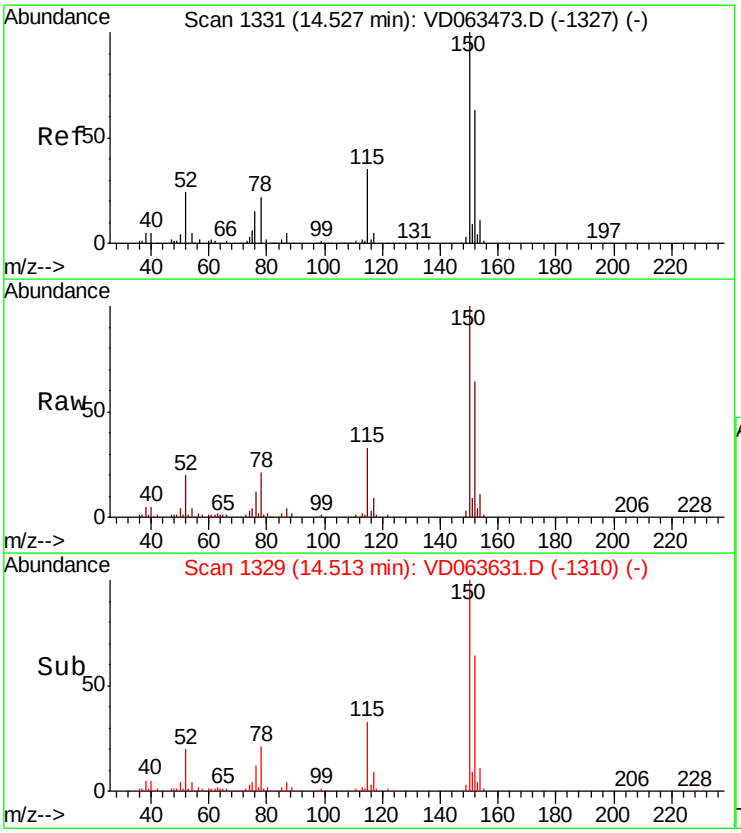
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

Tgt Ion:117 Resp: 636935

Ion	Ratio	Lower	Upper
117	100		
82	47.6	42.0	63.0
119	30.4	25.4	38.0

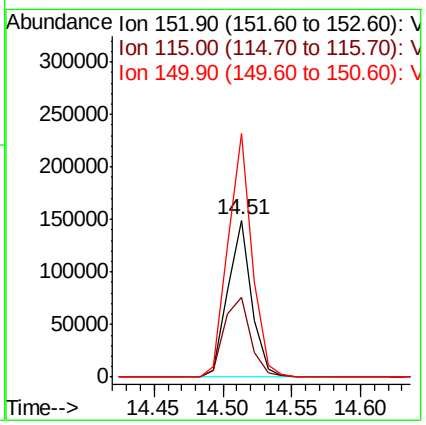


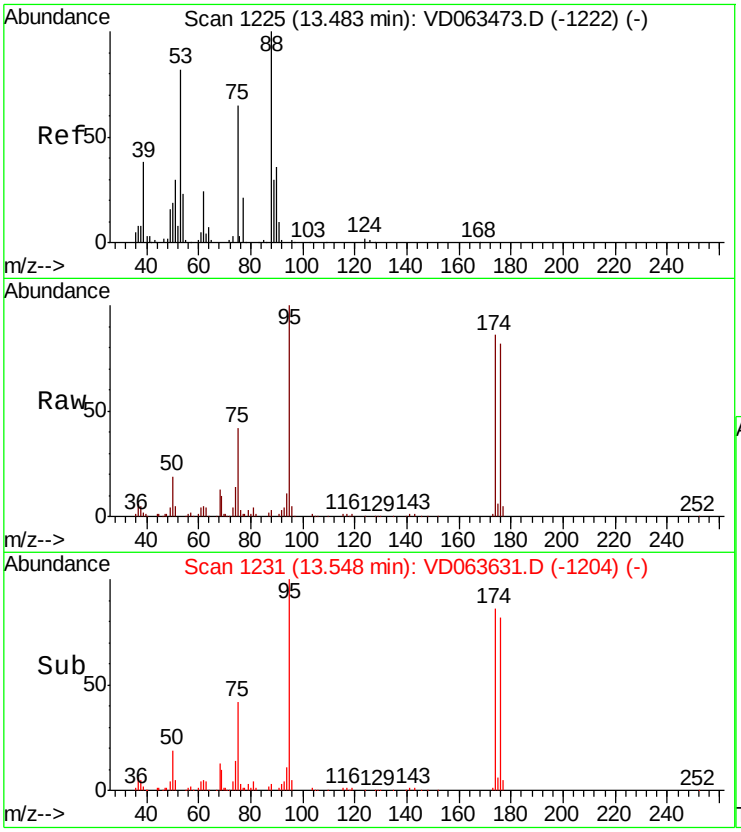


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Tgt Ion:152 Resp: 178424

Ion	Ratio	Lower	Upper
152	100		
115	50.9	30.9	92.7
150	155.3	0.0	318.6





#81
trans-1,4-Dichloro-2-butene
Concen: 172.440 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. 0.06 min
Lab File: VD063631.D
Acq: 16 Aug 2019 12:11

Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

Tgt Ion: 75 Resp: 94906

Ion	Ratio	Lower	Upper
75	100		
53	0.0	101.0	151.4#
89	0.0	37.0	55.6#