Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081519\
Data File : VD063611.D
Acq On : 15 Aug 2019 17:49
Operator : JC/SY
Sample : K4356-03
Misc : 3.26g/5ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-2

Quant Time: Aug 16 01:06:00 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	526075	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.21	114	614832	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	308817	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	66266	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	287011	51.04	ug/l	-0.03
Spiked Amount 50.000			Recovery = 102.08%			
35) Dibromofluoromethane	6.91	113	303826	58.67	ug/l	-0.03
Spiked Amount 50.000			Recovery = 117.34%			
50) Toluene-d8	10.39	98	440571	38.70	ug/l	-0.03
Spiked Amount 50.000			Recovery = 77.40%			
62) 4-Bromofluorobenzene	13.55	95	93011	18.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 36.06%			
Target Compounds						Qvalue
5) Bromomethane	2.11	94	2604	1.118	ug/l #	11
11) Tert butyl alcohol	4.03	59	2011	8.215	ug/l #	71
13) Acrolein	3.02	56	373	1.548	ug/l #	18
16) Acetone	3.21	43	396339	346.719	ug/l #	92
17) Carbon Disulfide	3.36	76	53825	4.012	ug/l #	94
18) Methyl Acetate	3.63	43	5385	2.487	ug/l #	57
20) Methylene Chloride	3.80	84	27175	5.498	ug/l	91
25) 2-Butanone	6.05	43	130398	115.501	ug/l	94
29) Tetrahydrofuran	6.46	42	3056	5.809	ug/l #	50
31) Cyclohexane	7.03	56	11464	2.258	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	40411	7.435	ug/l #	50
37) Ethyl Acetate	6.14	43	11619	5.102	ug/l #	49
38) Carbon Tetrachloride	7.04	117	52822	6.448	ug/l #	16
52) Toluene	10.50	92	10548	1.369	ug/l #	67
81) trans-1,4-Dichloro-2-buten	13.54	75	40593	198.590	ug/l #	1

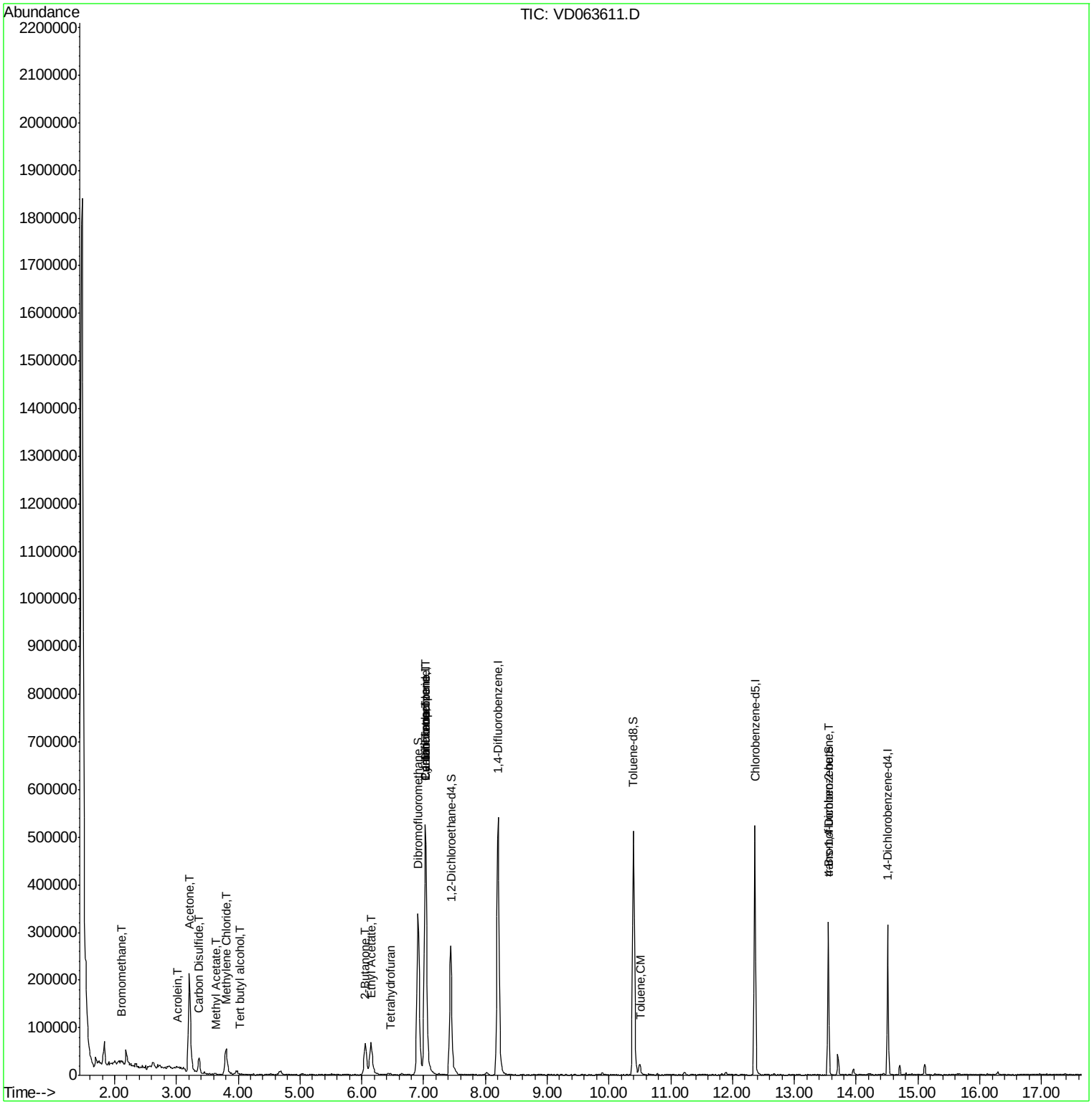
(#) = qualifier out of range (m) = manual integration (+) = signals summed

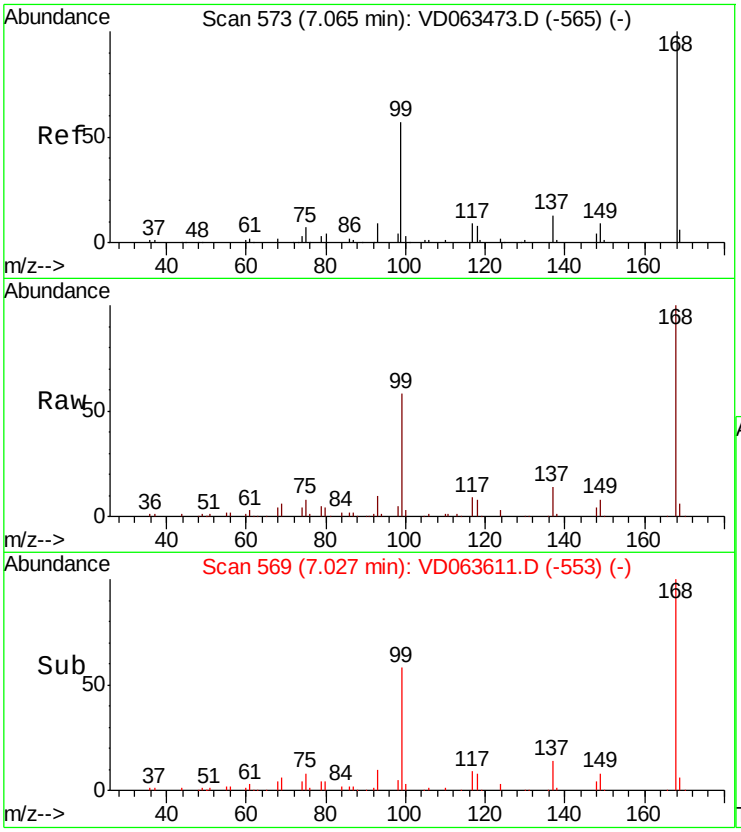
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081519\
Data File : VD063611.D
Acq On : 15 Aug 2019 17:49
Operator : JC/SY
Sample : K4356-03
Misc : 3.26g/5ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Quant Time: Aug 16 01:06:00 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



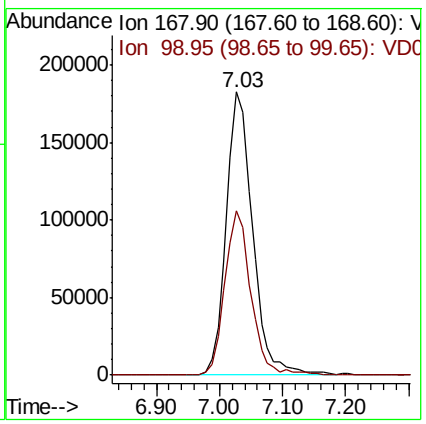


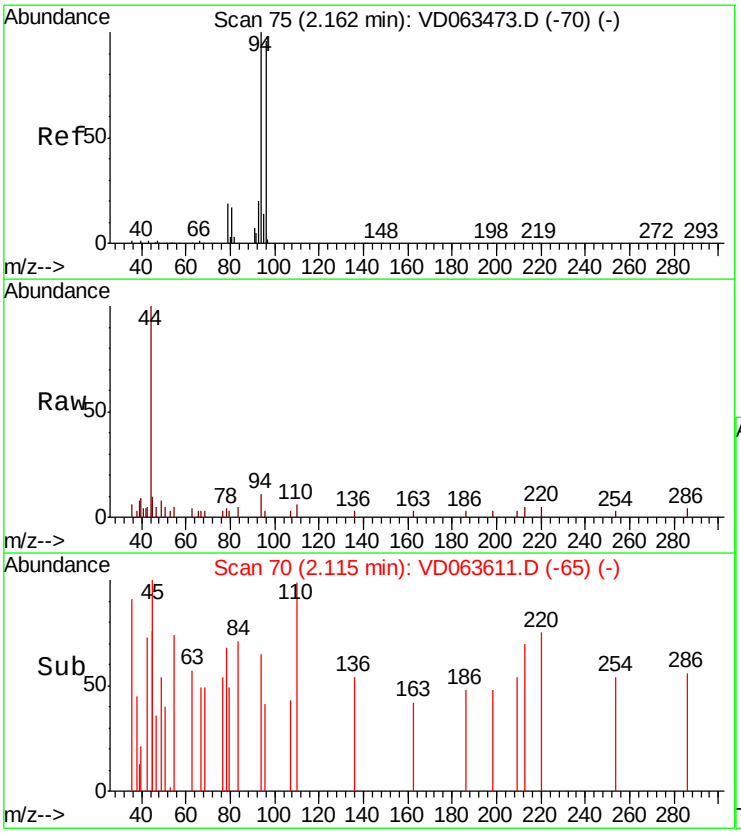
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.04 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tgt Ion:168 Resp: 526075

Ion	Ratio	Lower	Upper
168	100		
99	57.9	46.7	70.1

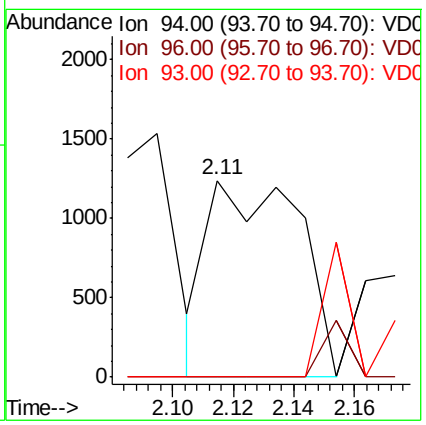


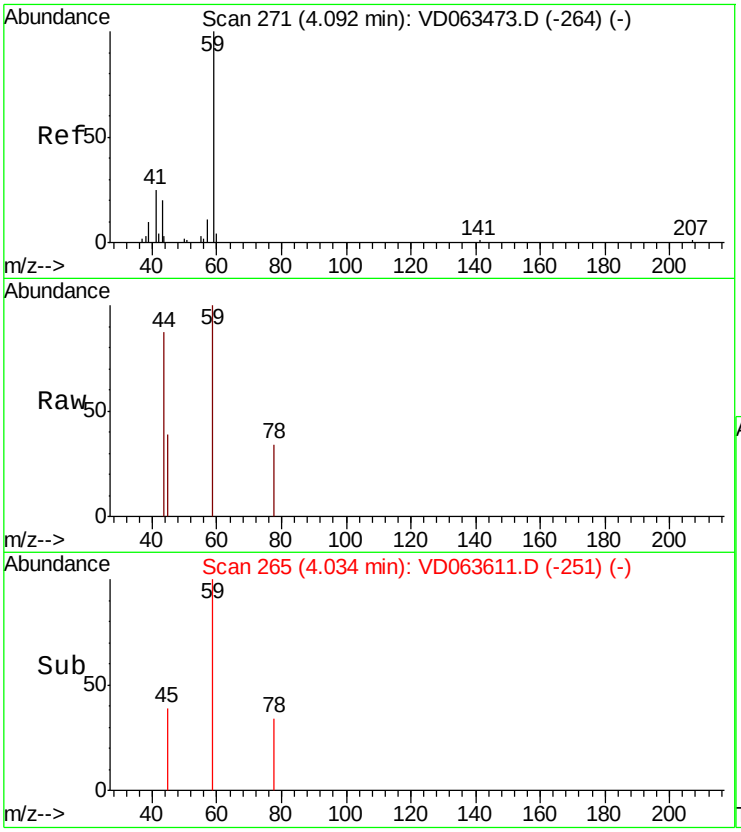


#5
Bromomethane
Concen: 1.118 ug/l
RT: 2.11 min Scan# 70
Delta R.T. -0.05 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Tgt Ion: 94 Resp: 2604

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.5	114.7#
93	0.0	15.8	23.8#



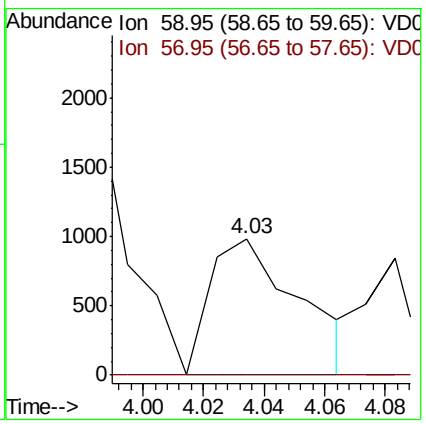


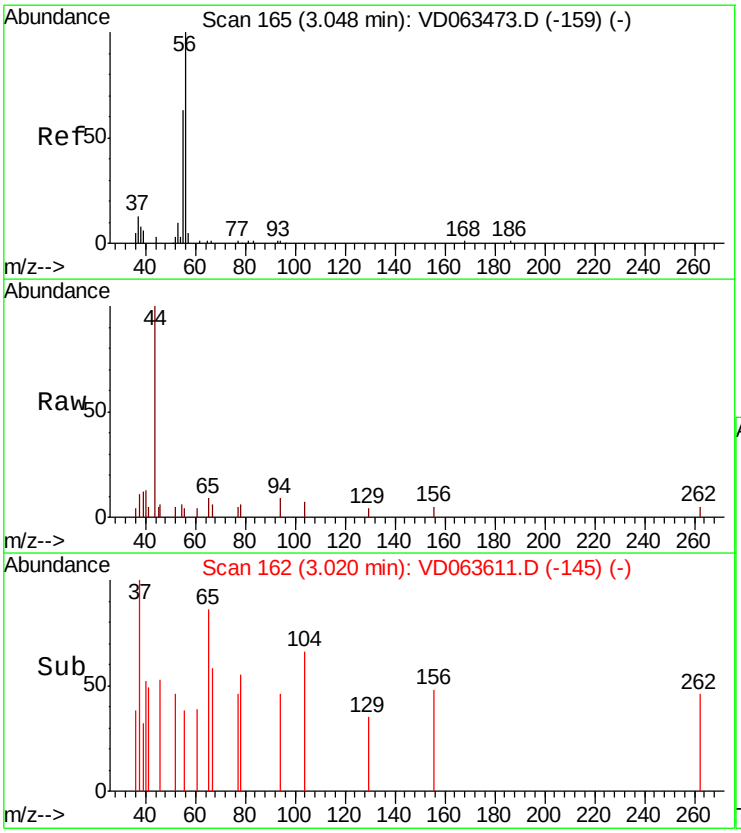
#11
Tert butyl alcohol
Concen: 8.215 ug/l
RT: 4.03 min Scan# 265
Delta R.T. -0.06 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Instrument : MSVOA_D
ClientSampleId : TP-2

Tgt Ion: 59 Resp: 2011

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

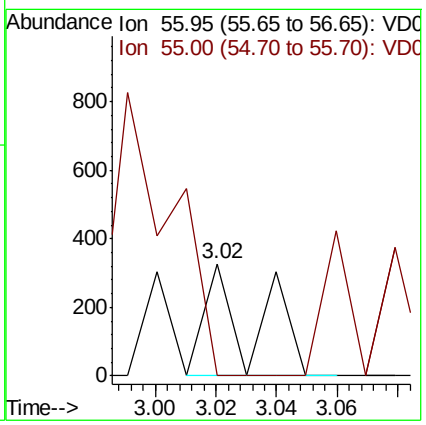


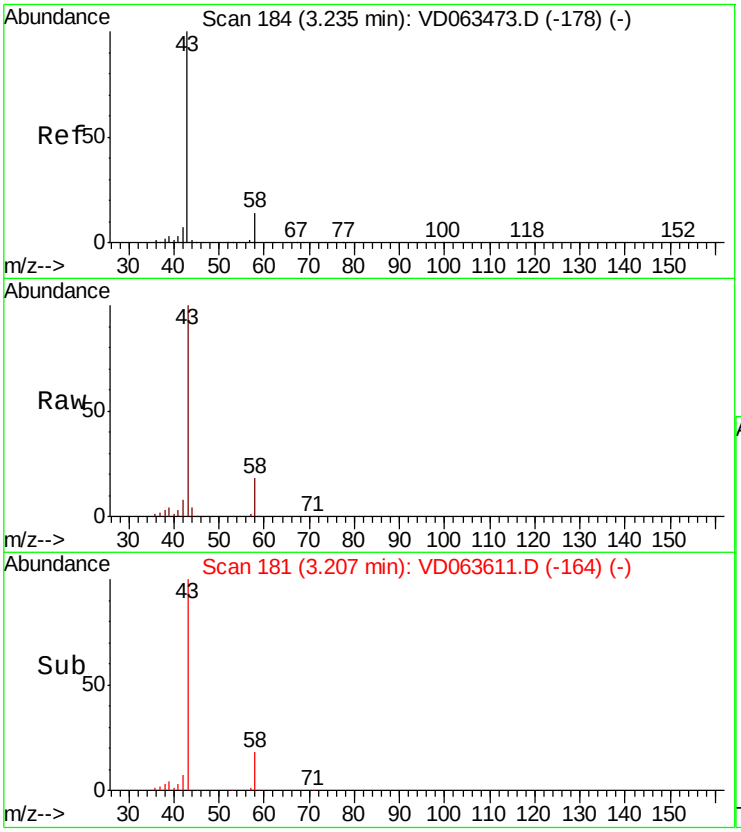


#13
Acrolein
Concen: 1.548 ug/l
RT: 3.02 min Scan# 162
Delta R.T. -0.03 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Tgt Ion: 56 Resp: 373

Ion	Ratio	Lower	Upper
56	100		
55	0.0	51.3	76.9#



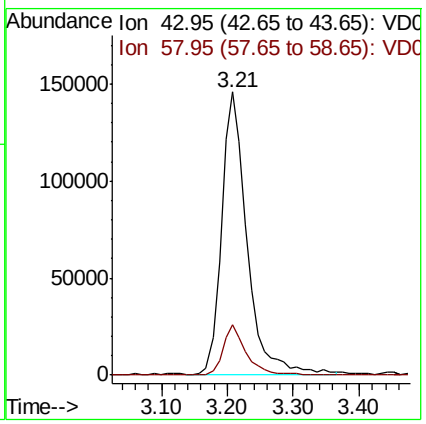


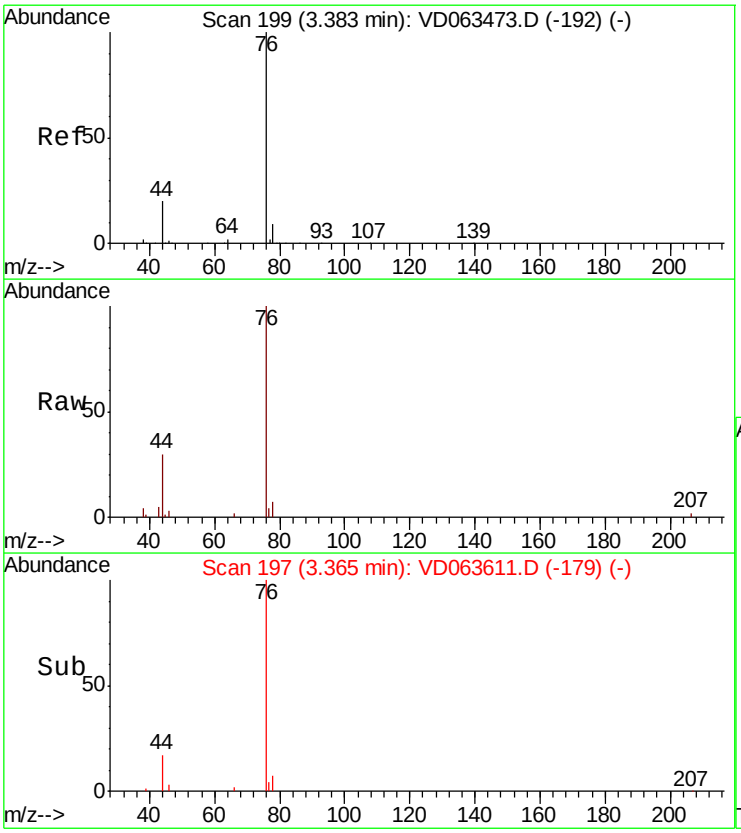
#16
Acetone
Concen: 346.719 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.03 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tgt Ion: 43 Resp: 396339

Ion	Ratio	Lower	Upper
43	100		
58	17.7	11.4	17.2#

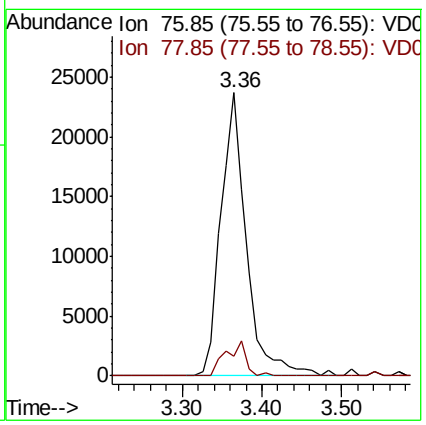


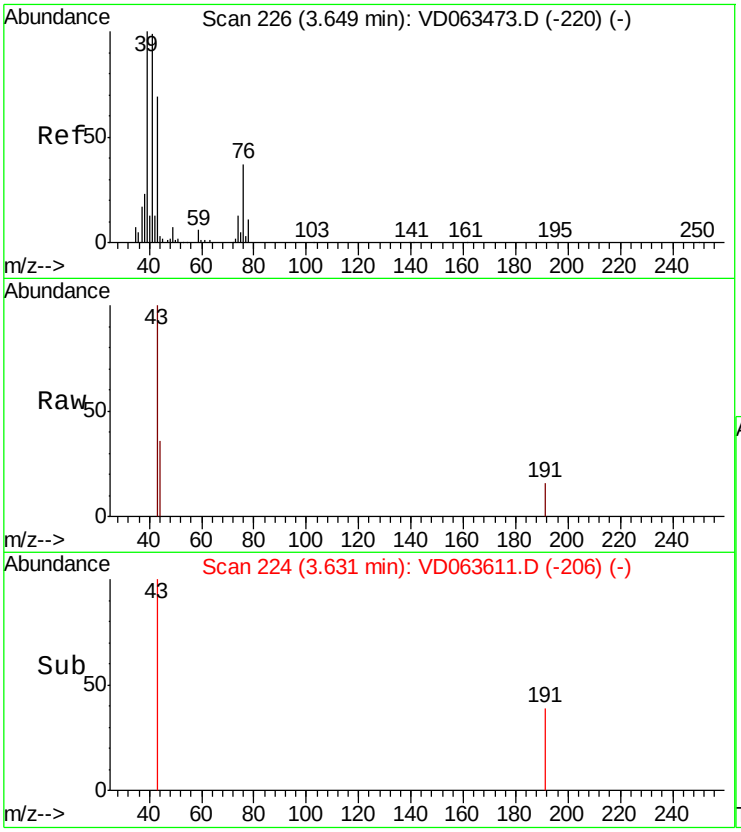


#17
Carbon Disulfide
Concen: 4.012 ug/l
RT: 3.36 min Scan# 197
Delta R.T. -0.02 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Tgt Ion: 76 Resp: 53825

Ion	Ratio	Lower	Upper
76	100		
78	7.1	7.4	11.0#



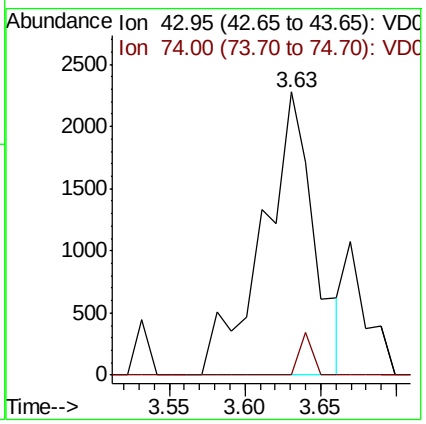


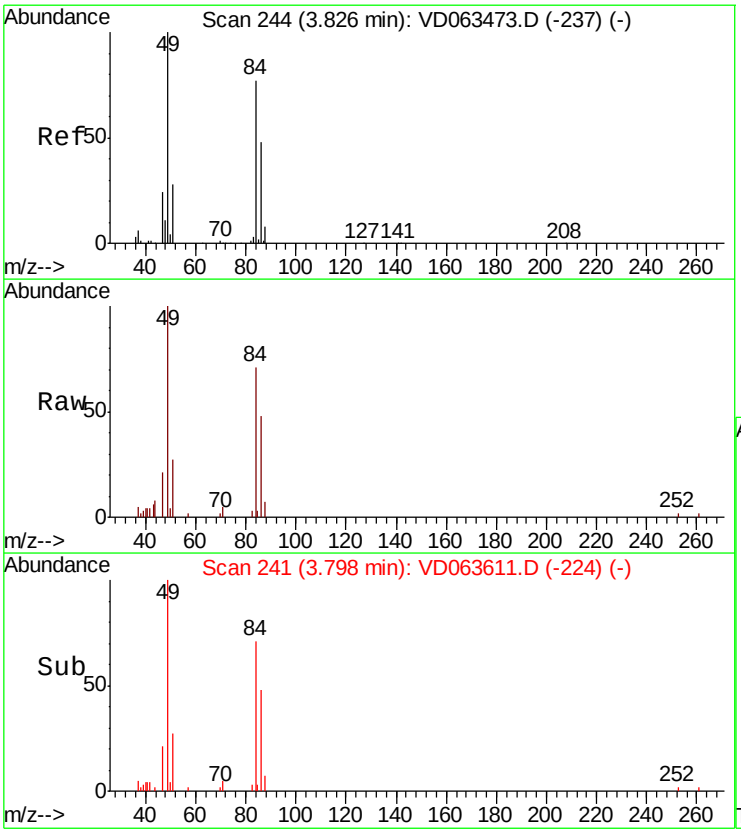
#18
Methyl Acetate
Concen: 2.487 ug/l
RT: 3.63 min Scan# 224
Delta R.T. -0.02 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Instrument : MSVOA_D
ClientSampleId : TP-2

Tgt Ion: 43 Resp: 5385

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.4	23.2#

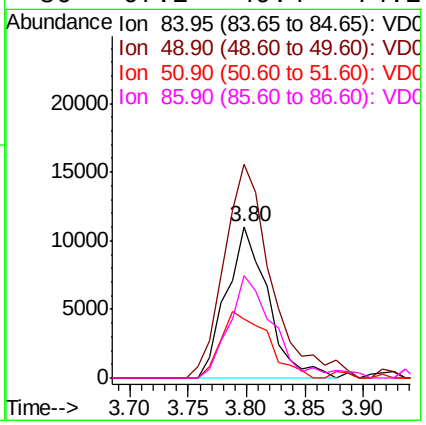


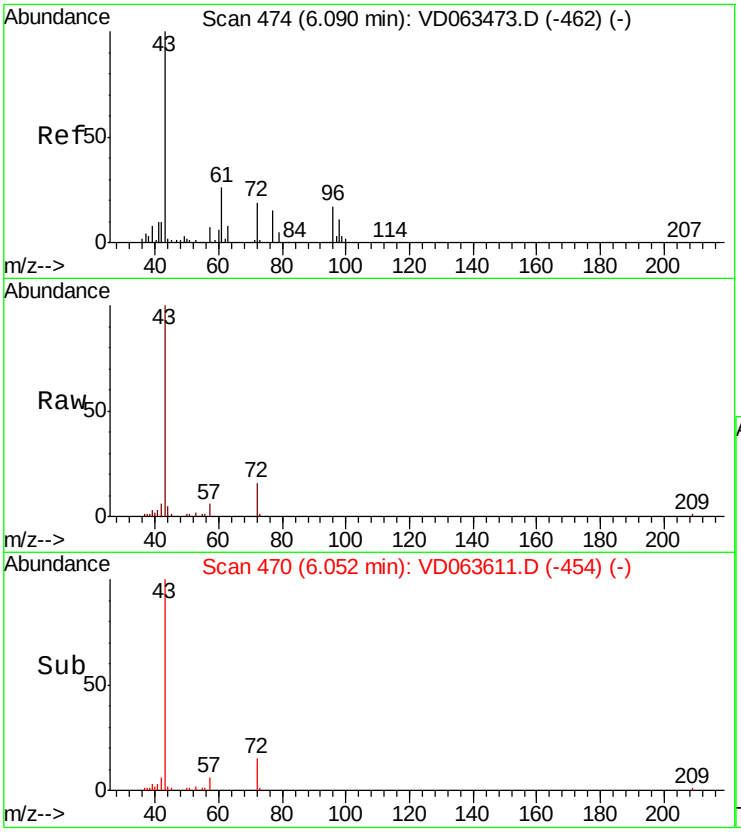


#20
Methylene Chloride
Concen: 5.498 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.03 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Tgt Ion: 84 Resp: 27175

Ion	Ratio	Lower	Upper
84	100		
49	141.0	103.4	155.2
51	38.7	28.5	42.7
86	67.2	49.4	74.2



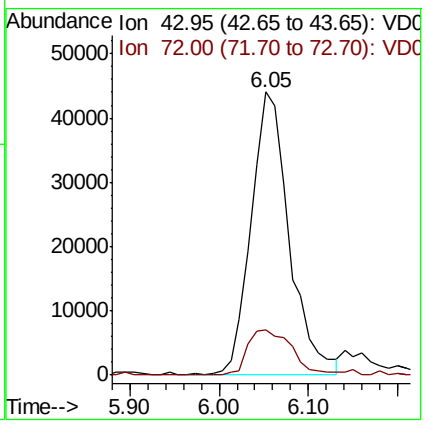


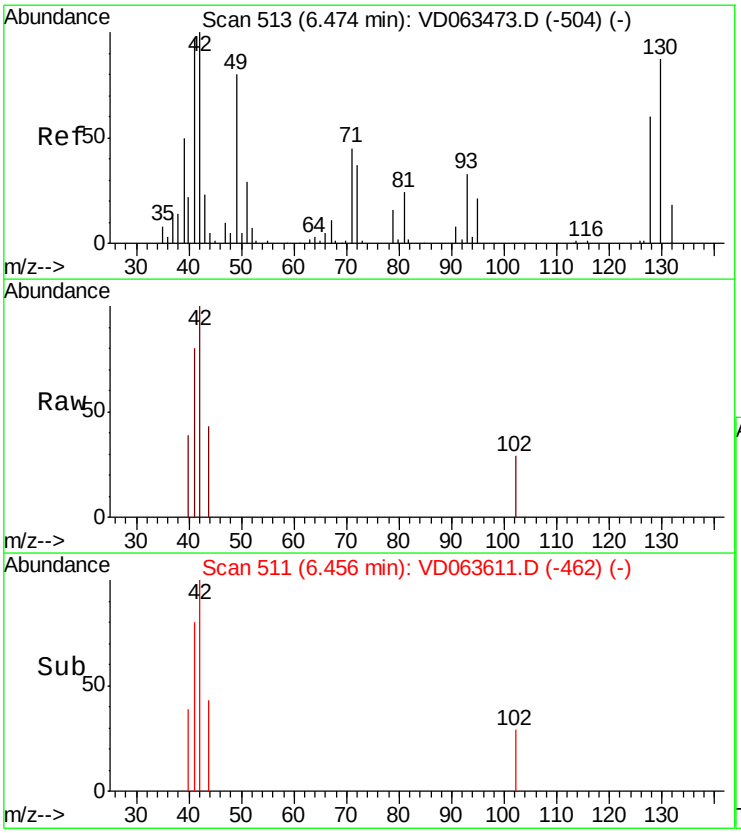
#25
2-Butanone
Concen: 115.501 ug/l
RT: 6.05 min Scan# 470
Delta R.T. -0.04 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tgt Ion: 43 Resp: 130398

Ion	Ratio	Lower	Upper
43	100		
72	16.1	15.1	22.7

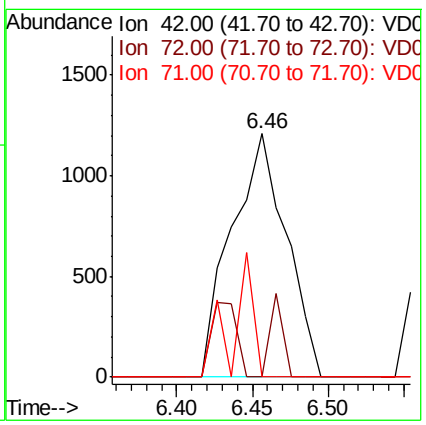


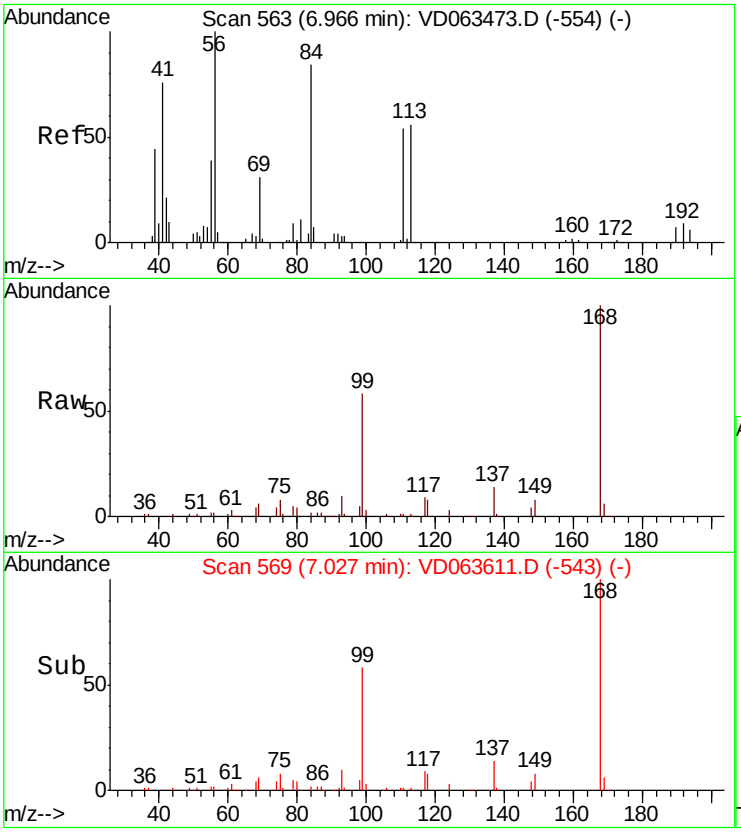


#29
Tetrahydrofuran
Concen: 5.809 ug/l
RT: 6.46 min Scan# 511
Delta R.T. -0.02 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Tgt Ion: 42 Resp: 3056

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.5	47.3#
71	19.4	33.8	50.8#



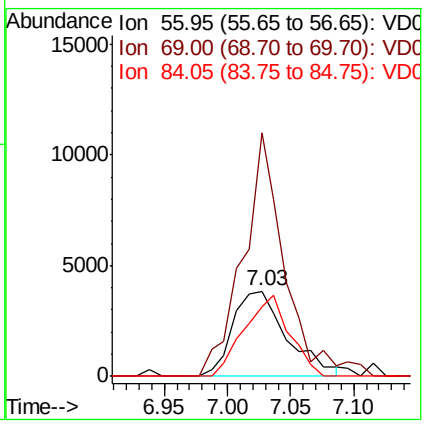


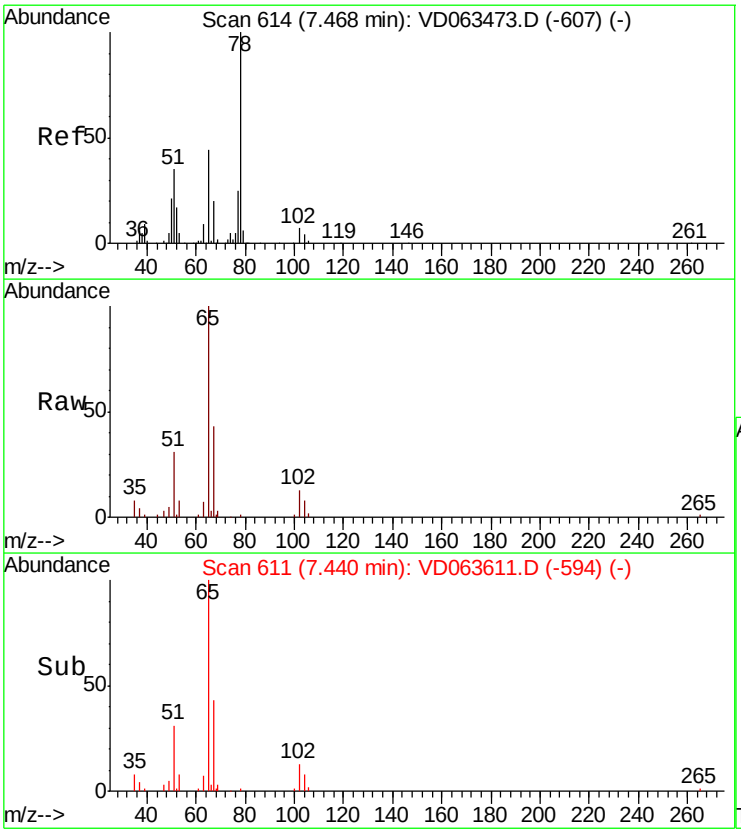
#31
Cyclohexane
Concen: 2.258 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.06 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tgt Ion: 56 Resp: 11464

Ion	Ratio	Lower	Upper
56	100		
69	285.4	25.0	37.6#
84	81.6	69.7	104.5

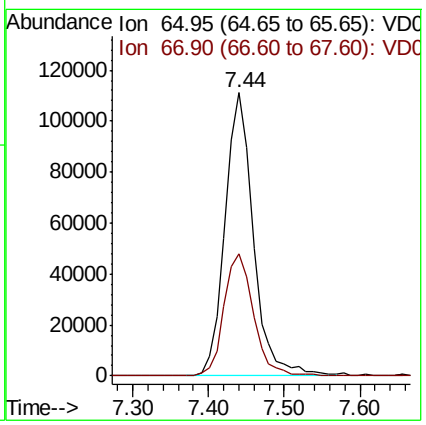


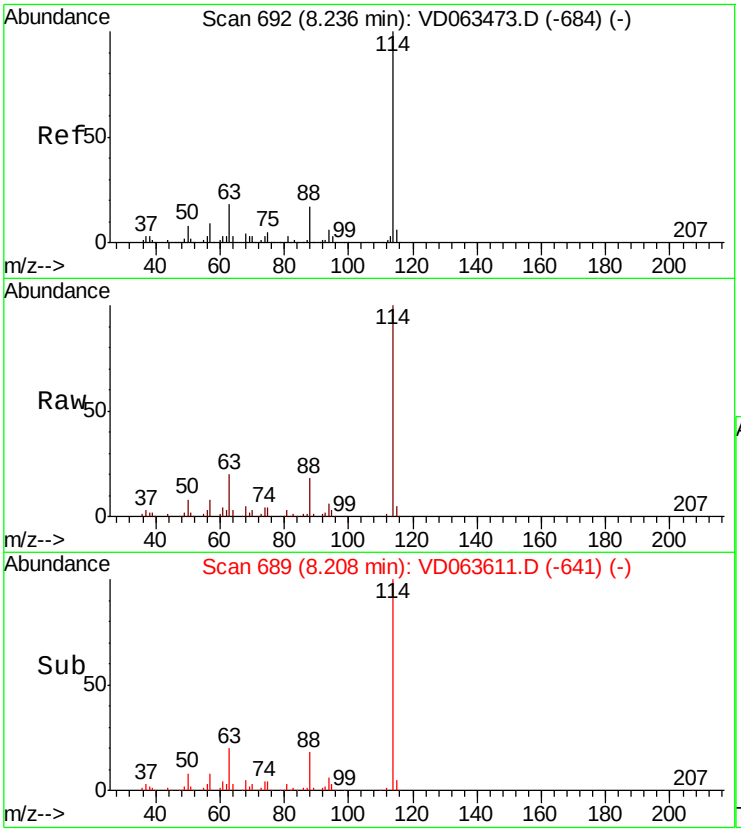


#33
1,2-Dichloroethane-d4
Concen: 51.039 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.03 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Tgt Ion: 65 Resp: 287011

Ion	Ratio	Lower	Upper
65	100		
67	43.0	0.0	89.2



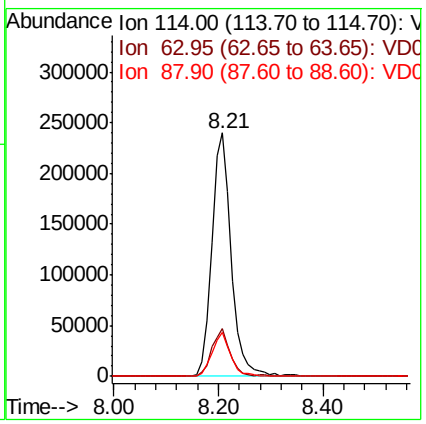


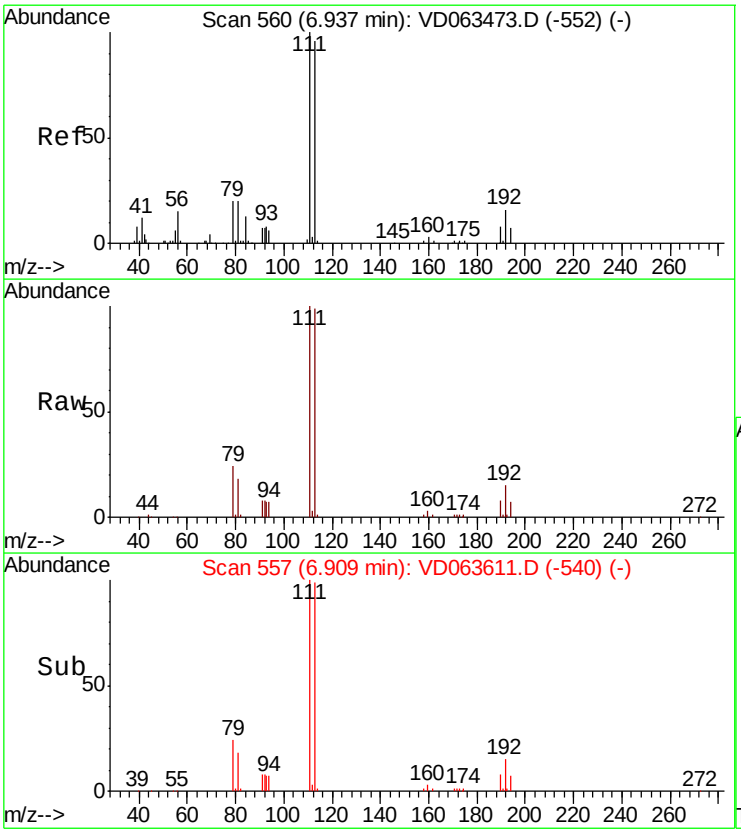
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 689
Delta R.T. -0.03 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tgt Ion:114 Resp: 614832

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	36.2
88	18.0	0.0	35.0

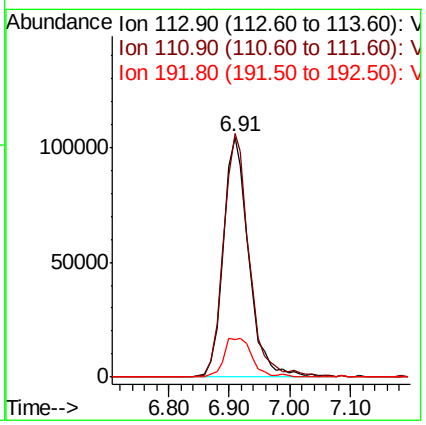


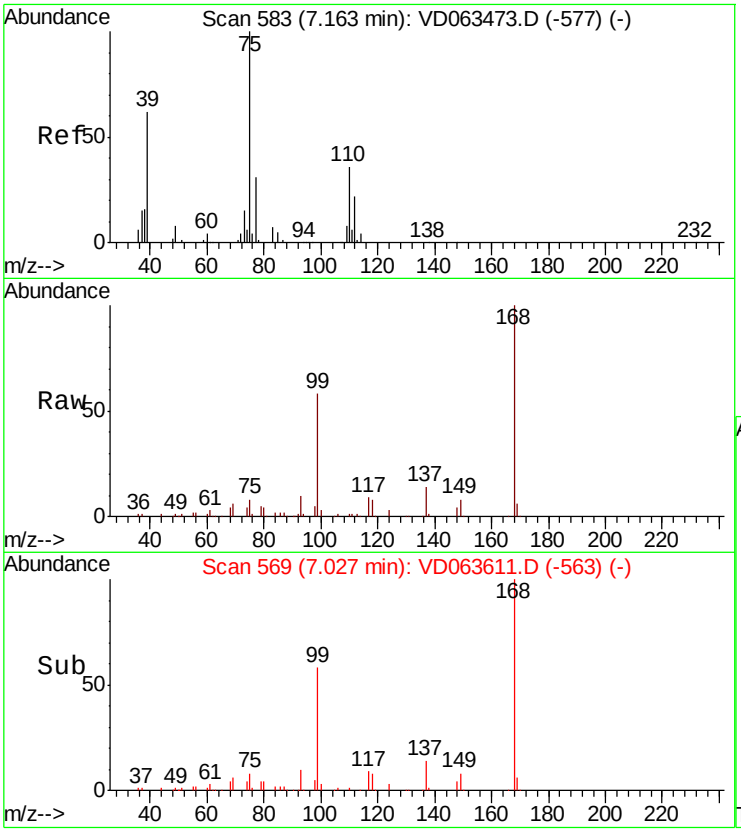


#35
Dibromofluoromethane
Concen: 58.675 ug/l
RT: 6.91 min Scan# 557
Delta R.T. -0.03 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Tgt Ion:113 Resp: 303826

Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.1	124.7
192	15.5	13.1	19.7



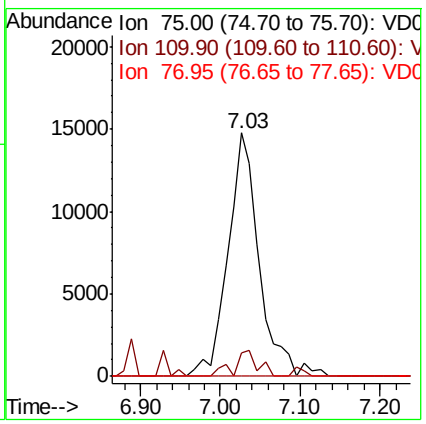


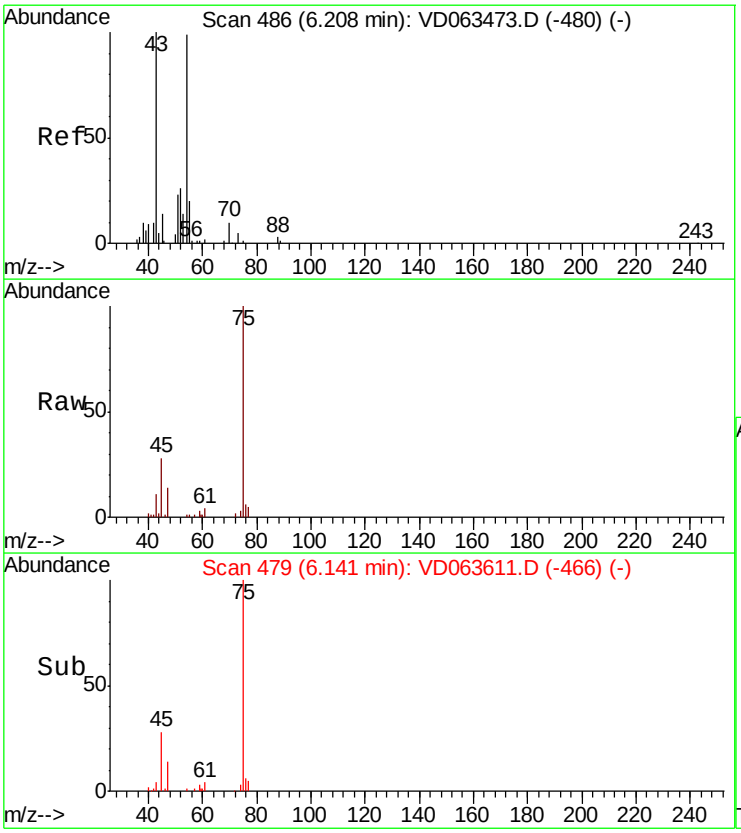
#36
1,1-Dichloropropene
Concen: 7.435 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.14 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tgt Ion: 75 Resp: 40411

Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.6	52.8#
77	0.0	24.3	36.5#

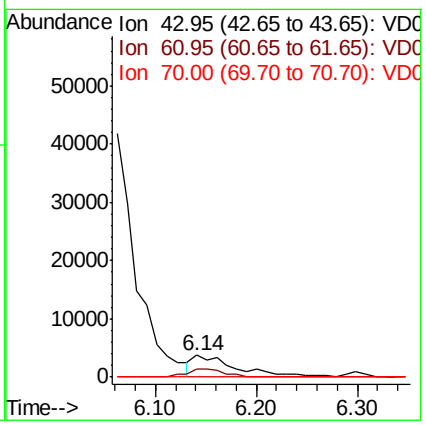


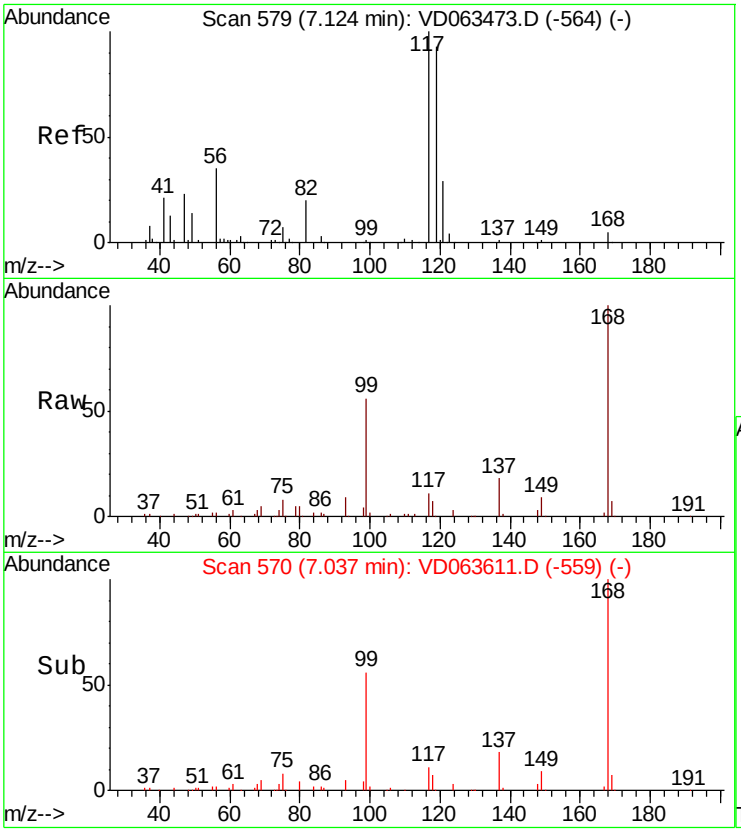


#37
Ethyl Acetate
Concen: 5.102 ug/l
RT: 6.14 min Scan# 479
Delta R.T. -0.07 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Tgt Ion: 43 Resp: 11619

Ion	Ratio	Lower	Upper
43	100		
61	38.8	9.0	13.6#
70	0.0	6.9	10.3#



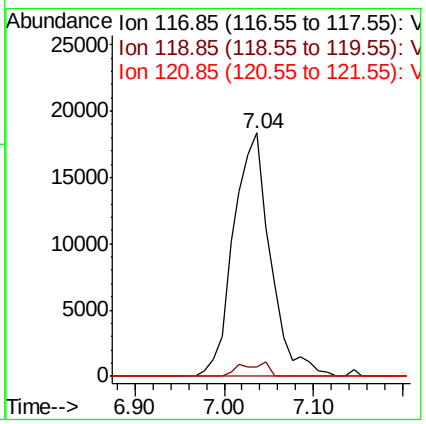


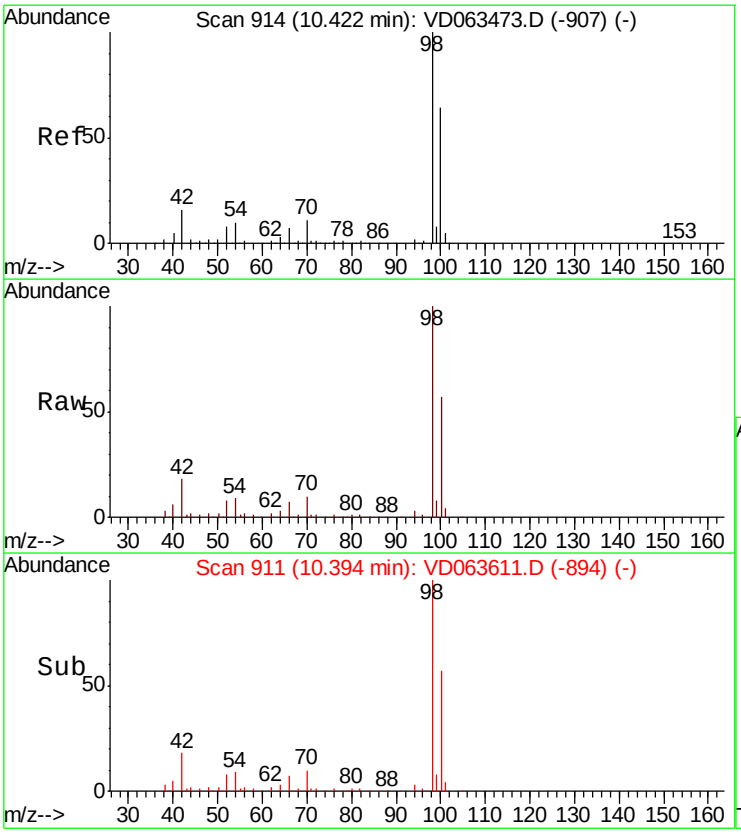
#38
Carbon Tetrachloride
Concen: 6.448 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.09 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 52822

Ion	Ratio	Lower	Upper
117	100		
119	3.7	74.2	111.2#
121	0.0	23.1	34.7#

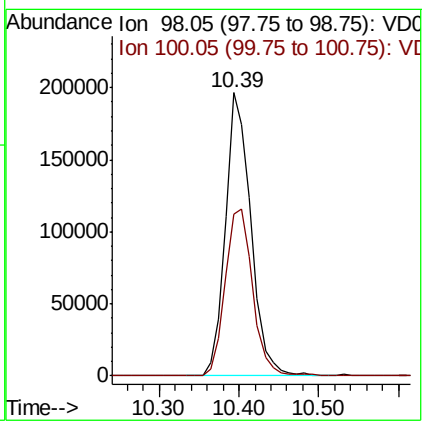


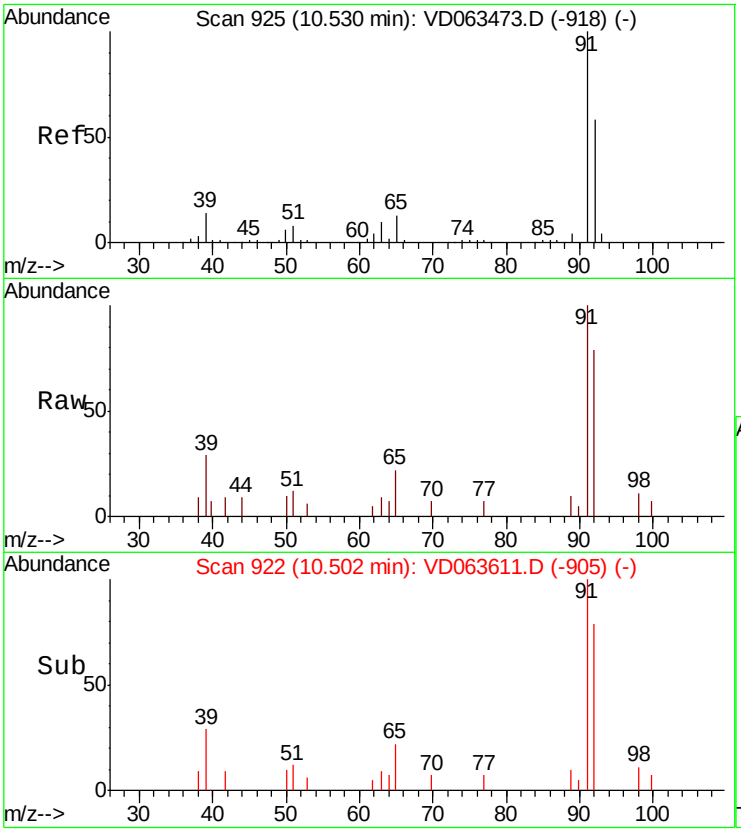


#50
Toluene-d8
Concen: 38.699 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.03 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Tgt Ion: 98 Resp: 440571

Ion	Ratio	Lower	Upper
98	100		
100	57.3	51.7	77.5



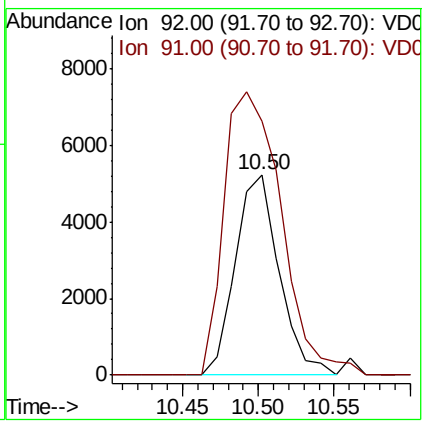


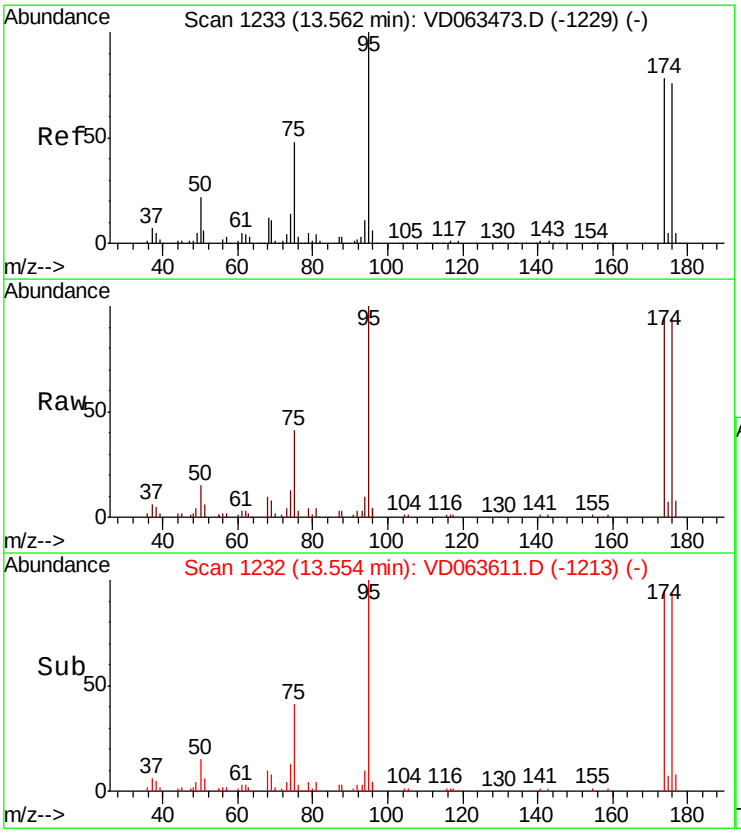
#52
Toluene
Concen: 1.369 ug/l
RT: 10.50 min Scan# 922
Delta R.T. -0.03 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Instrument : MSVOA_D
ClientSampleId : TP-2

Tgt Ion: 92 Resp: 10548

Ion	Ratio	Lower	Upper
92	100		
91	126.6	137.9	206.9#

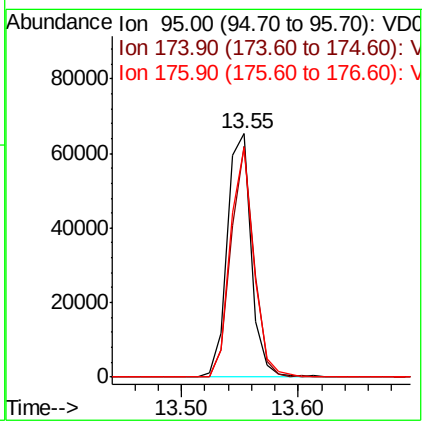


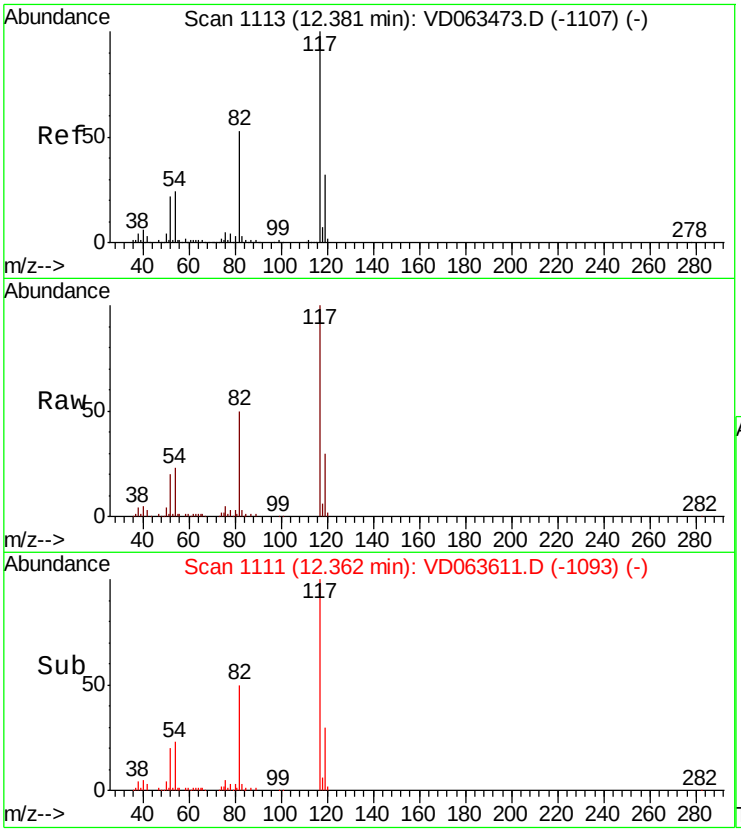


#62
4-Bromofluorobenzene
Concen: 18.026 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Tgt Ion: 95 Resp: 93011

Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	155.4
176	94.1	0.0	152.4



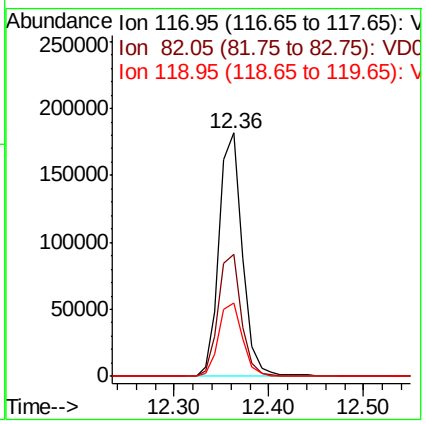


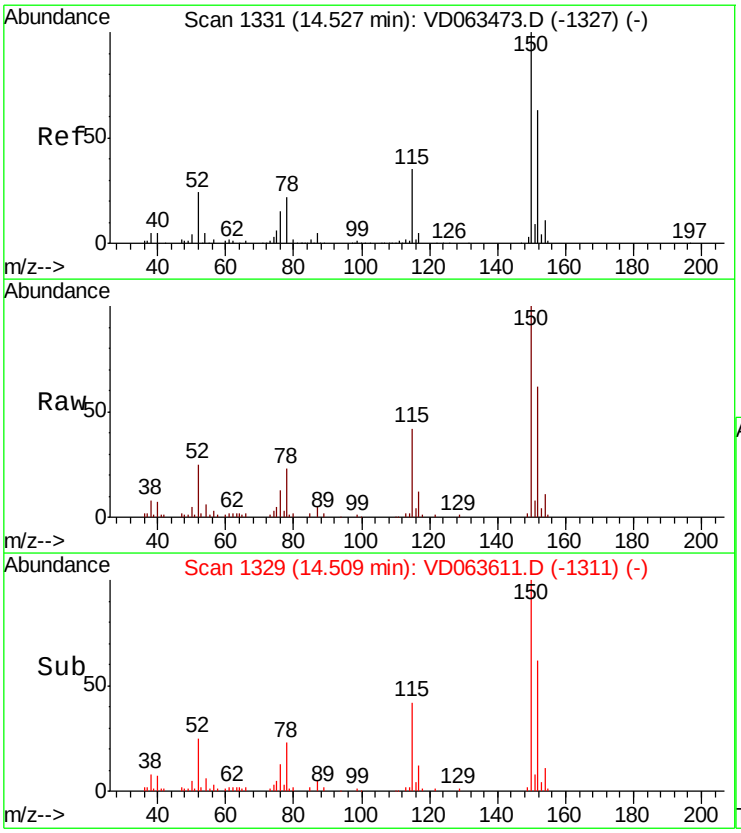
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Instrument : MSVOA_D
ClientSampleId : TP-2

Tgt Ion:117 Resp: 308817

Ion	Ratio	Lower	Upper
117	100		
82	50.2	42.0	63.0
119	30.1	25.4	38.0

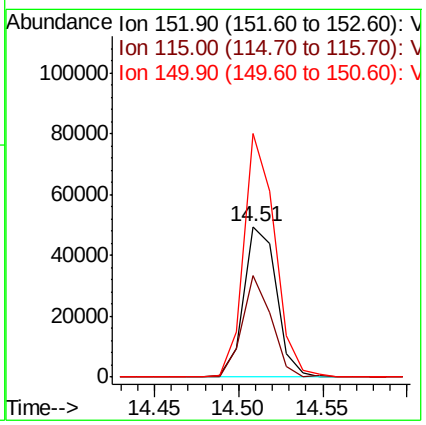


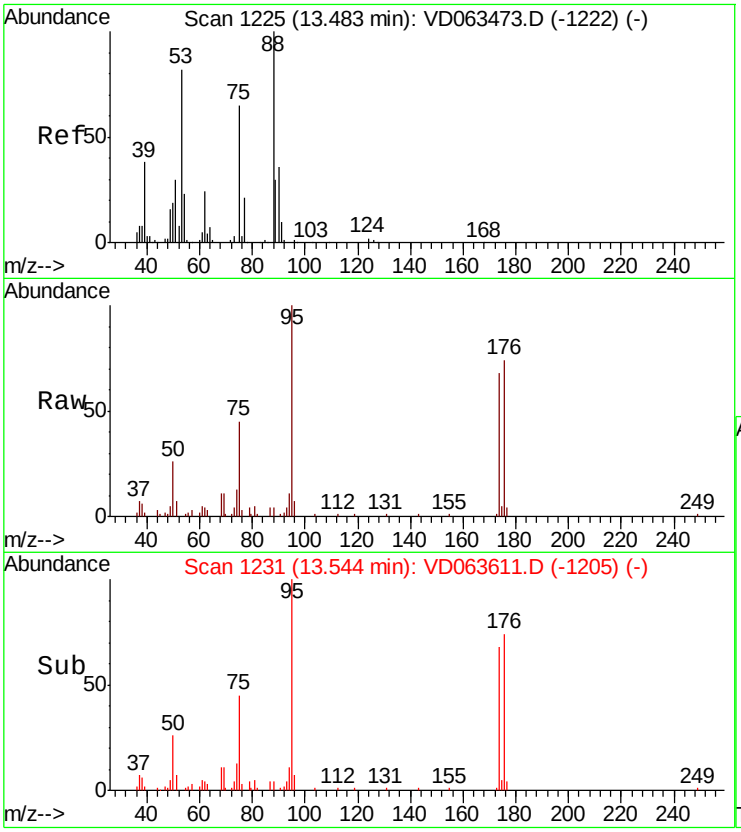


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Tgt Ion:152 Resp: 66266

Ion	Ratio	Lower	Upper
152	100		
115	67.4	30.9	92.7
150	161.8	0.0	318.6





#81
trans-1,4-Dichloro-2-butene
Concen: 198.590 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.06 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tgt Ion: 75 Resp: 40593

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