Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080619\
Data File : VD063407.D
Acq On : 6 Aug 2019 19:00
Operator : JC/SY
Sample : K4178-01
Misc : 4.70g/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 370-371

Quant Time: Aug 07 06:43:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	969445	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	1257656	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.39	117	848165	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.55	152	286196	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	439484	40.86	ug/l	0.03
Spiked Amount 50.000			Recovery = 81.72%			
35) Dibromofluoromethane	6.94	113	482076	44.90	ug/l	0.03
Spiked Amount 50.000			Recovery = 89.80%			
50) Toluene-d8	10.43	98	908902	37.82	ug/l	0.03
Spiked Amount 50.000			Recovery = 75.64%			
62) 4-Bromofluorobenzene	13.58	95	287654	26.27	ug/l	0.03
Spiked Amount 50.000			Recovery = 52.54%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.09	59	1017	2.154	ug/l #	69
16) Acetone	3.23	43	2114	1.009	ug/l #	62
20) Methylene Chloride	3.82	84	12507	1.476	ug/l #	92
25) 2-Butanone	6.17	43	3328	1.582	ug/l	99
29) Tetrahydrofuran	6.48	42	1024	1.028	ug/l #	80
31) Cyclohexane	7.06	56	19760	2.062	ug/l #	7
36) 1,1-Dichloropropene	7.06	75	74674	6.506	ug/l #	55
38) Carbon Tetrachloride	7.06	117	97782	5.659	ug/l #	14
51) 4-Methyl-2-Pentanone	10.42	43	5335	1.191	ug/l #	1
76) 1,2,3-Trichloropropane	13.58	75	126272	36.733	ug/l #	46
81) trans-1,4-Dichloro-2-buten	13.58	75	126662	132.693	ug/l #	3

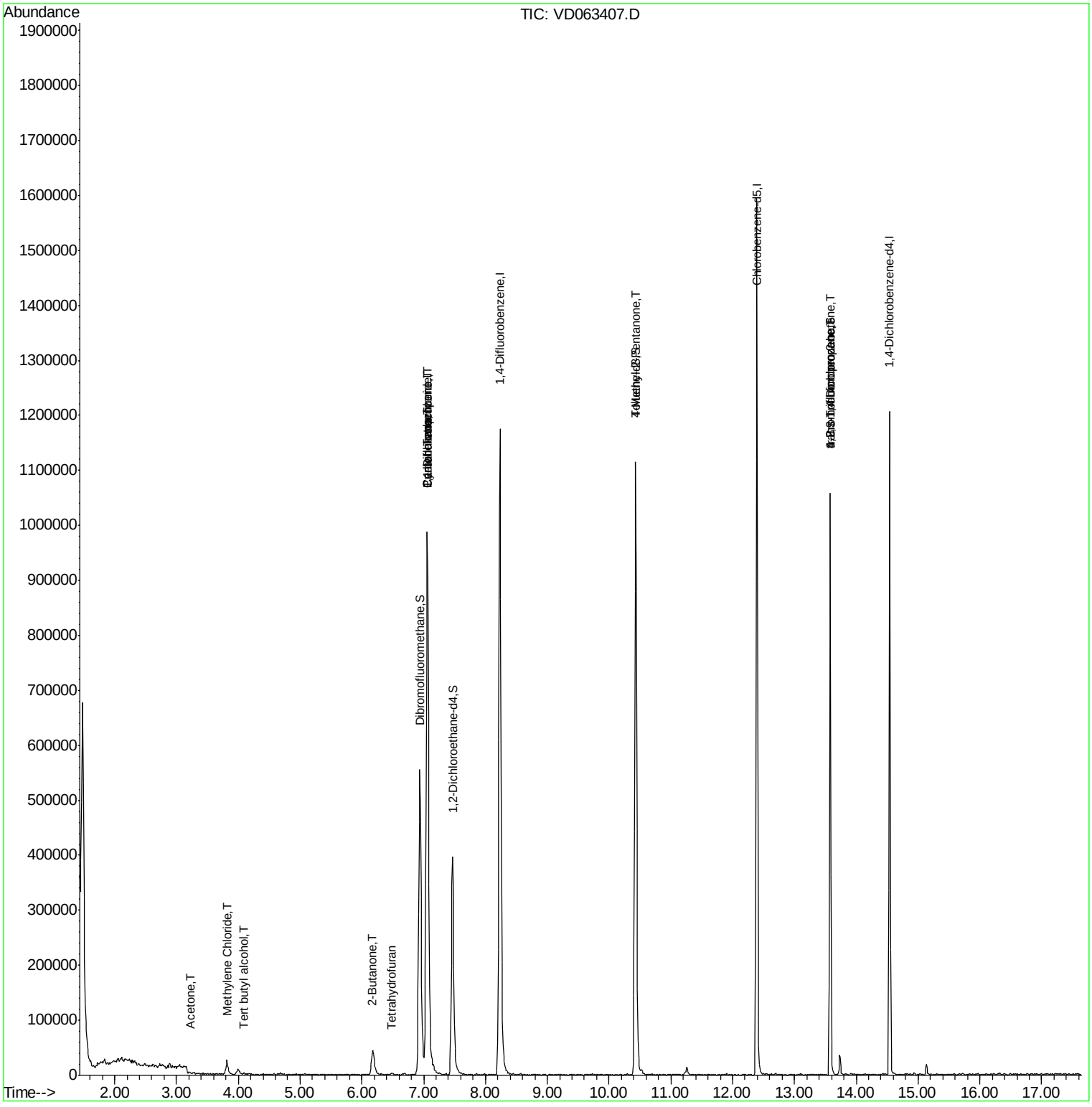
(#) = qualifier out of range (m) = manual integration (+) = signals summed

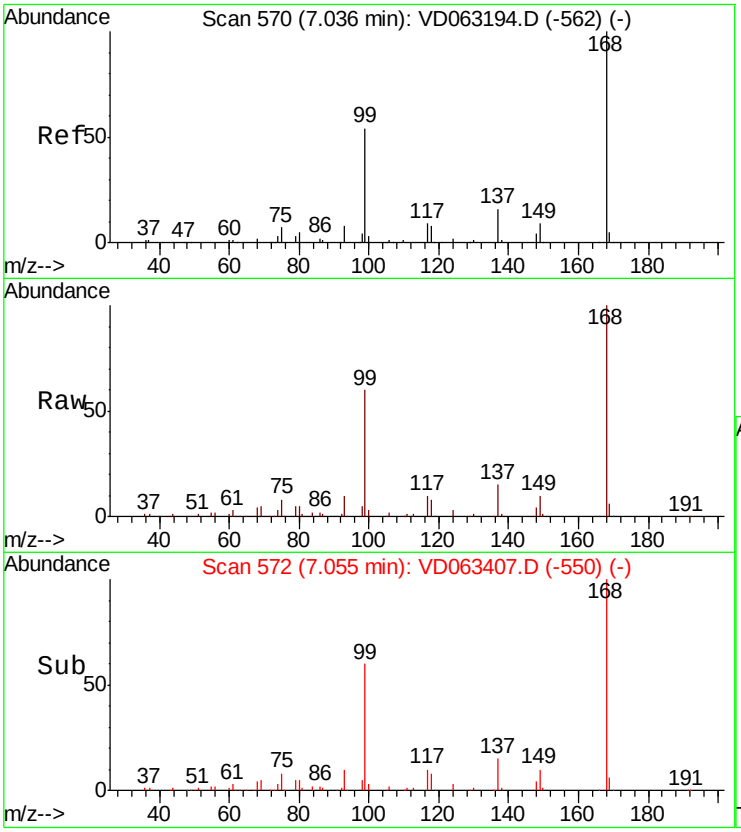
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080619\
Data File : VD063407.D
Acq On : 6 Aug 2019 19:00
Operator : JC/SY
Sample : K4178-01
Misc : 4.70g/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
370-371

Quant Time: Aug 07 06:43:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration



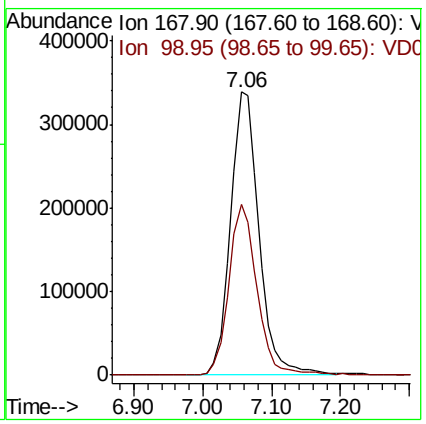


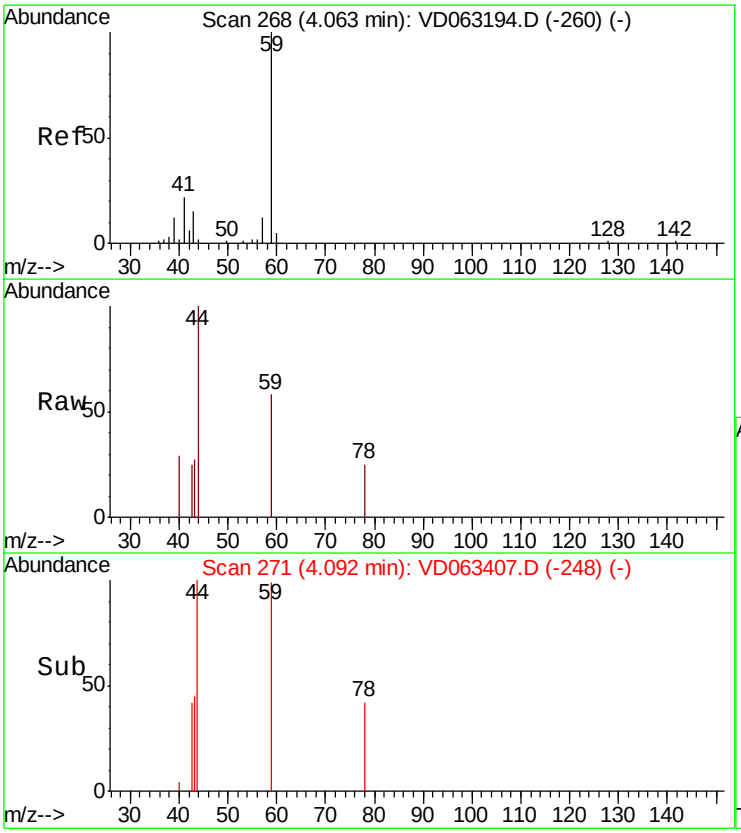
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.02 min
Lab File: VD063407.D
Acq: 6 Aug 2019 19:00

Instrument :
MSVOA_D
ClientSampleId :
370-371

Tgt Ion:168 Resp: 969445

Ion	Ratio	Lower	Upper
168	100		
99	60.4	43.7	65.5

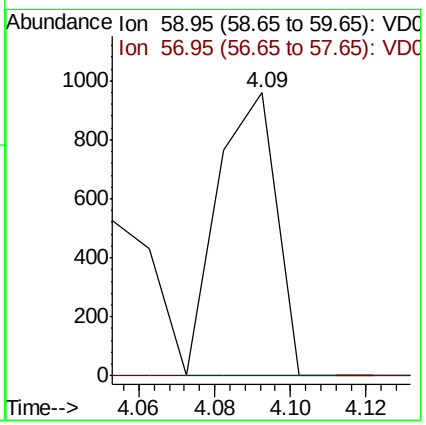


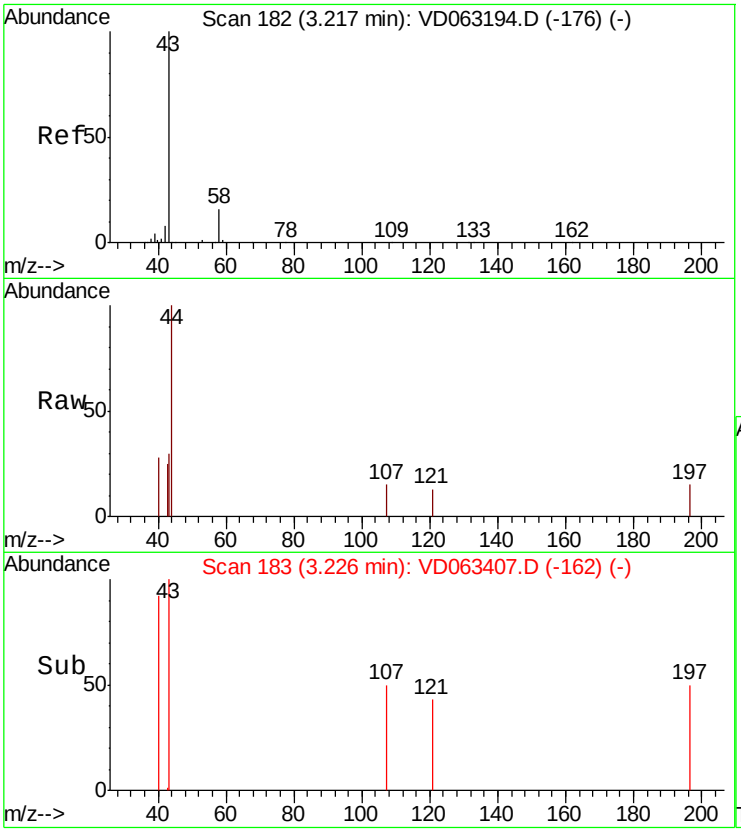


#11
Tert butyl alcohol
Concen: 2.154 ug/l
RT: 4.09 min Scan# 271
Delta R.T. 0.03 min
Lab File: VD063407.D
Acq: 6 Aug 2019 19:00

Tgt Ion: 59 Resp: 1017

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.6	14.4#



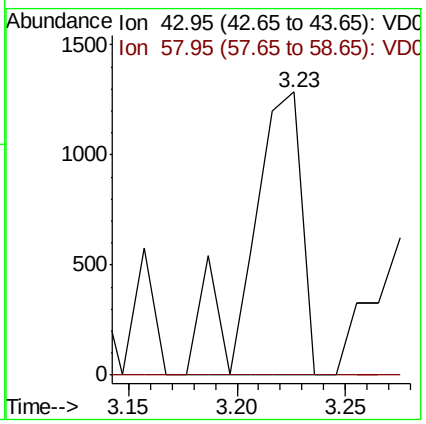


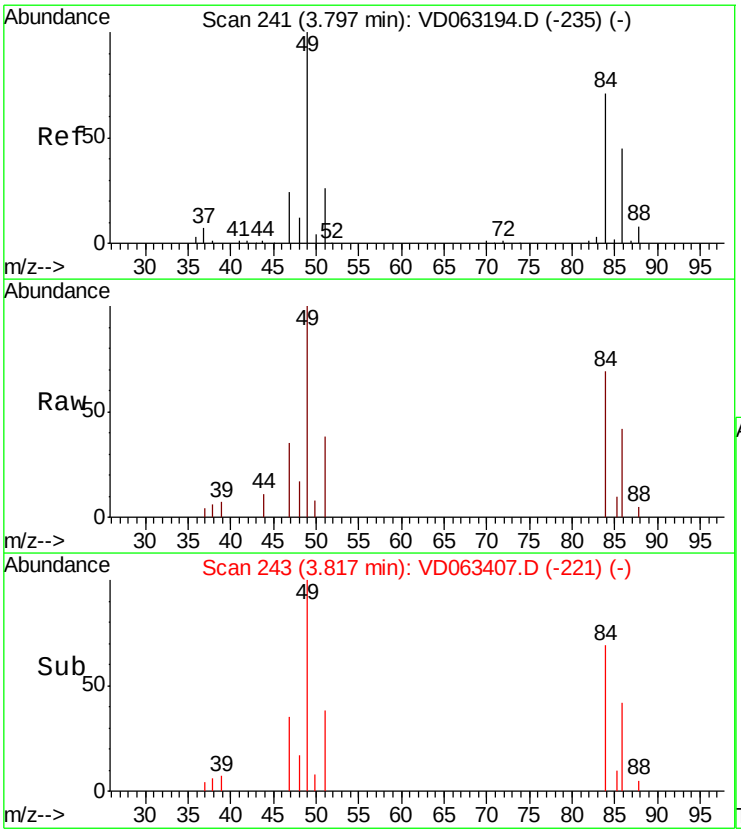
#16
Acetone
Concen: 1.009 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD063407.D
Acq: 6 Aug 2019 19:00

Instrument : MSVOA_D
ClientSampleId : 370-371

Tgt Ion: 43 Resp: 2114

Ion	Ratio	Lower	Upper
43	100		
58	0.0	13.0	19.4#

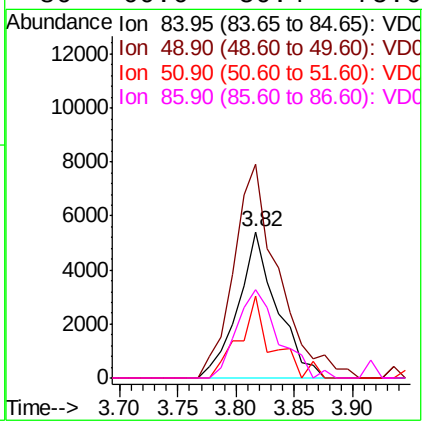


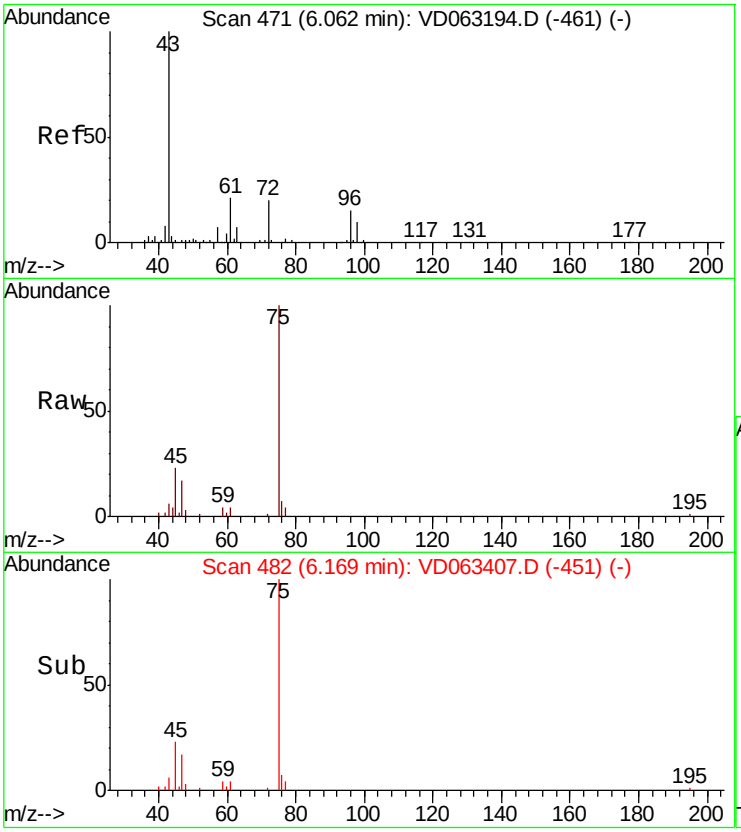


#20
Methylene Chloride
Concen: 1.476 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD063407.D
Acq: 6 Aug 2019 19:00

Tgt Ion: 84 Resp: 12507

Ion	Ratio	Lower	Upper
84	100		
49	145.9	112.5	168.7
51	56.0	29.6	44.4#
86	60.6	50.4	75.6



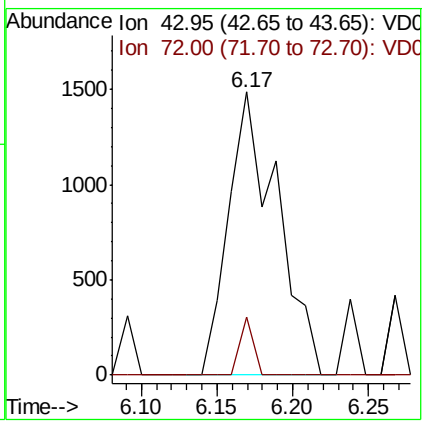


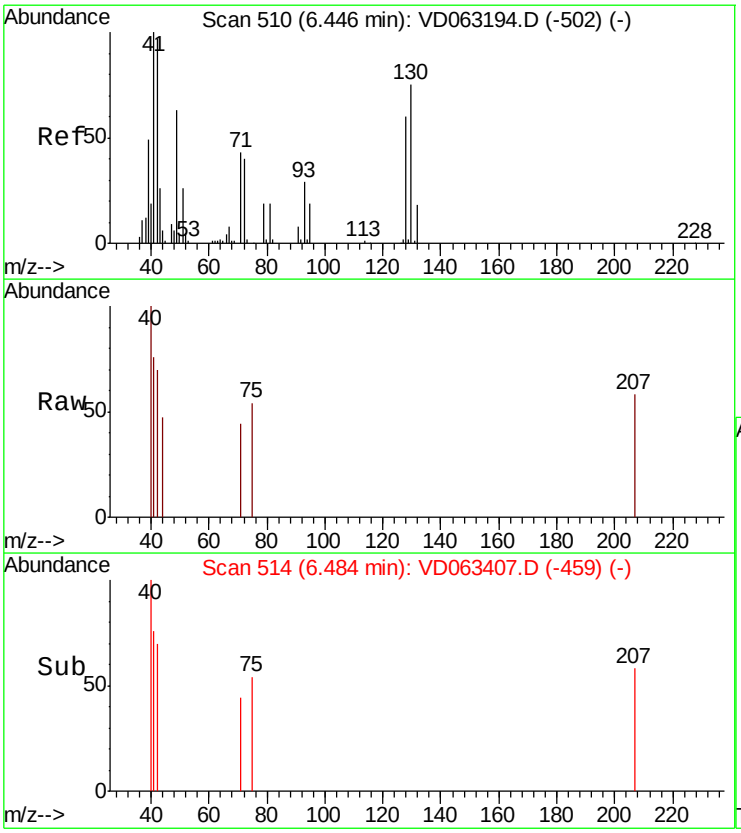
#25
2-Butanone
Concen: 1.582 ug/l
RT: 6.17 min Scan# 482
Delta R.T. 0.11 min
Lab File: VD063407.D
Acq: 6 Aug 2019 19:00

Instrument :
MSVOA_D
ClientSampleId :
370-371

Tgt Ion: 43 Resp: 3328

Ion	Ratio	Lower	Upper
43	100		
72	20.7	16.3	24.5

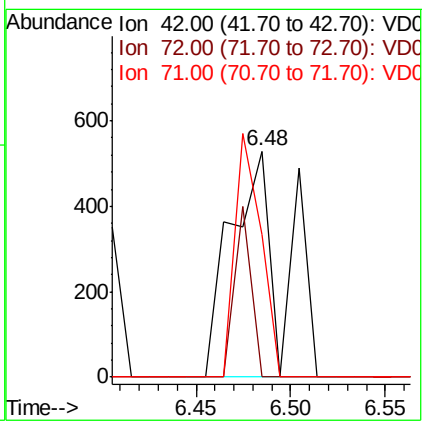


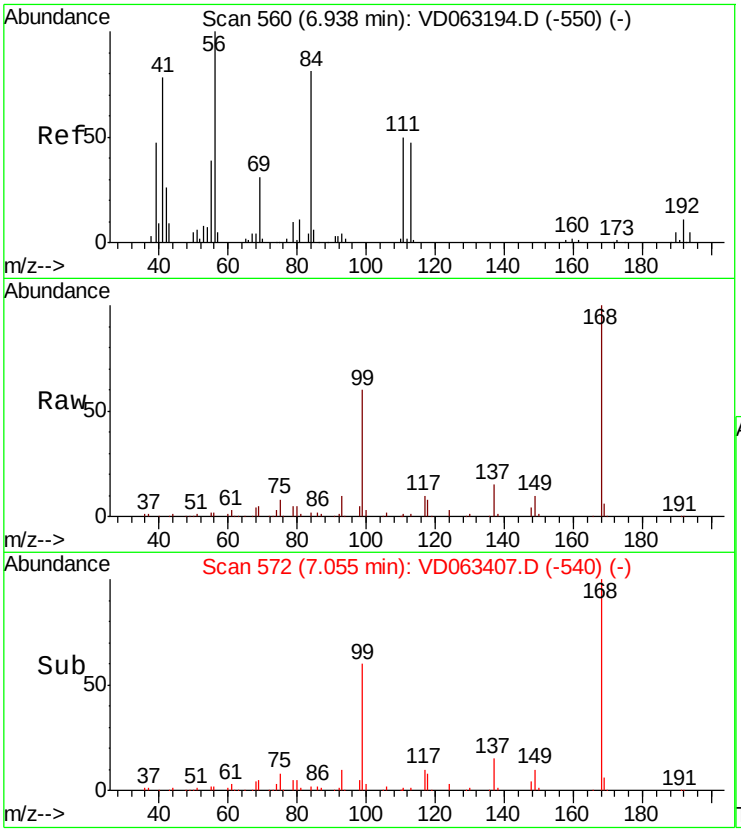


#29
Tetrahydrofuran
Concen: 1.028 ug/l
RT: 6.48 min Scan# 514
Delta R.T. 0.04 min
Lab File: VD063407.D
Acq: 6 Aug 2019 19:00

Tgt Ion: 42 Resp: 1024

Ion	Ratio	Lower	Upper
42	100		
72	23.0	33.4	50.2#
71	52.1	35.7	53.5



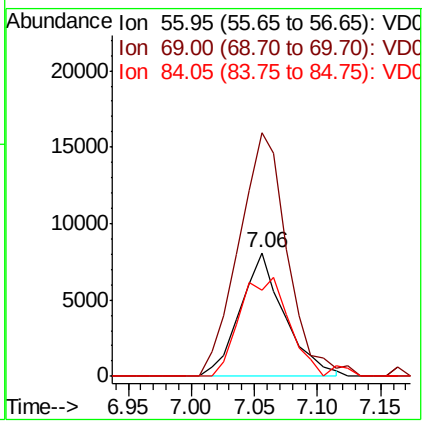


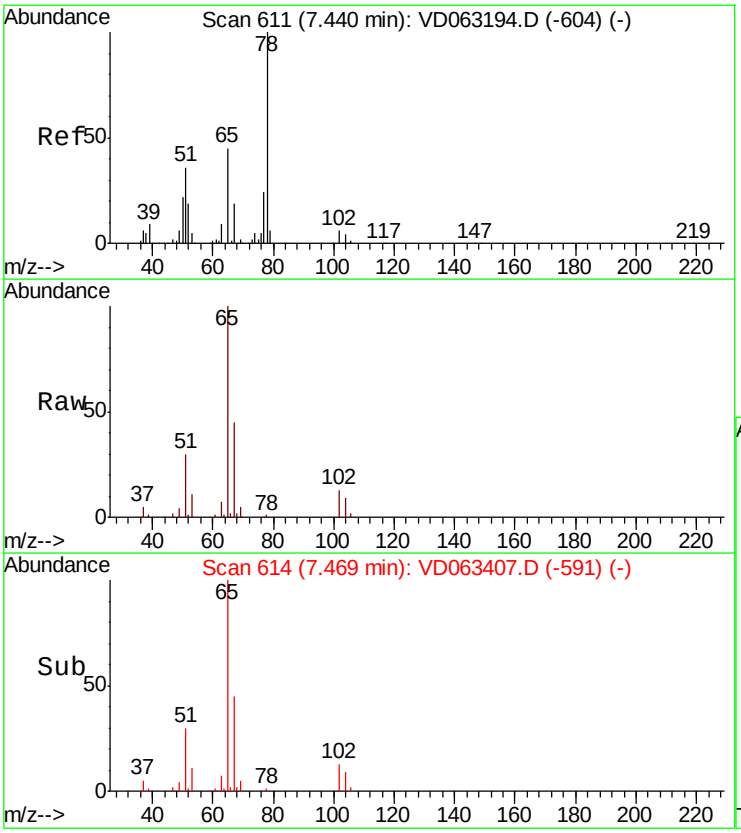
#31
Cyclohexane
Concen: 2.062 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.12 min
Lab File: VD063407.D
Acq: 6 Aug 2019 19:00

Instrument : MSVOA_D
ClientSampleId : 370-371

Tgt Ion: 56 Resp: 19760

Ion	Ratio	Lower	Upper
56	100		
69	196.5	24.5	36.7#
84	69.5	64.9	97.3

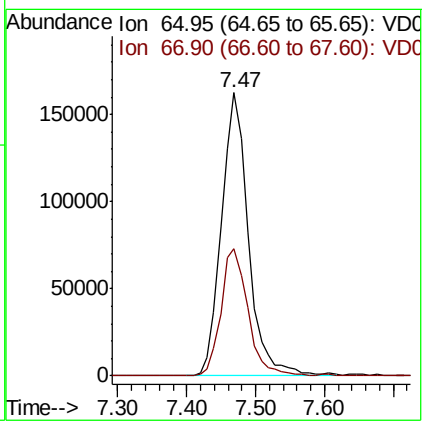


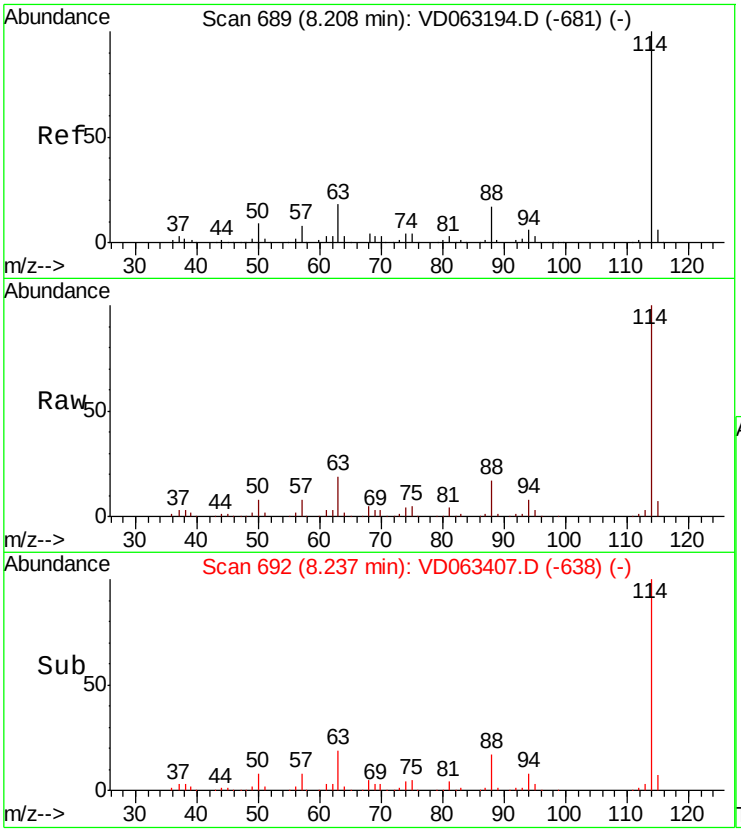


#33
1,2-Dichloroethane-d4
Concen: 40.856 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.03 min
Lab File: VD063407.D
Acq: 6 Aug 2019 19:00

Tgt Ion: 65 Resp: 439484

Ion	Ratio	Lower	Upper
65	100		
67	45.0	0.0	85.8



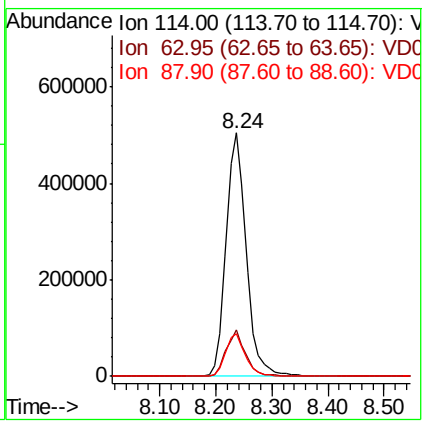


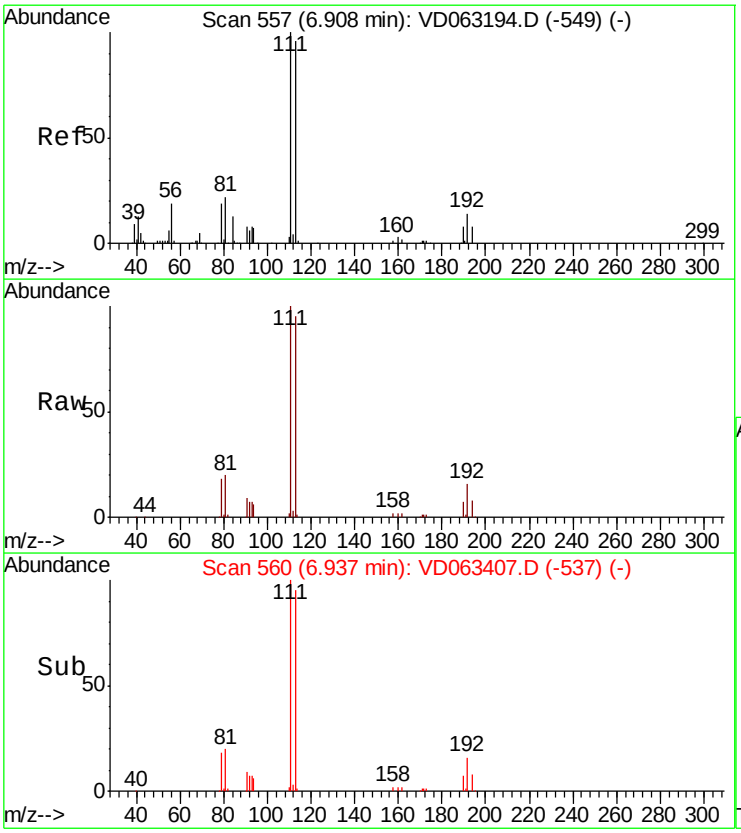
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.24 min Scan# 692
Delta R.T. 0.03 min
Lab File: VD063407.D
Acq: 6 Aug 2019 19:00

Instrument : MSVOA_D
ClientSampleId : 370-371

Tgt Ion:114 Resp: 1257656

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	35.2
88	17.3	0.0	34.6

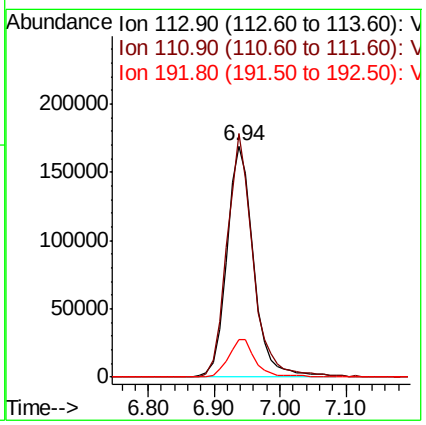


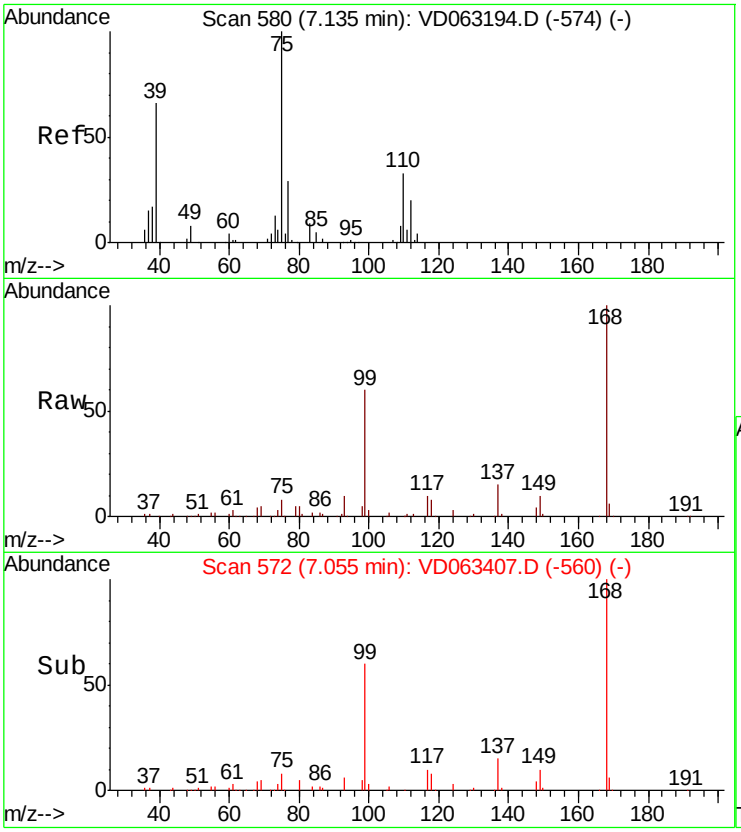


#35
Dibromofluoromethane
Concen: 44.896 ug/l
RT: 6.94 min Scan# 560
Delta R.T. 0.03 min
Lab File: VD063407.D
Acq: 6 Aug 2019 19:00

Tgt Ion:113 Resp: 482076

Ion	Ratio	Lower	Upper
113	100		
111	105.3	83.2	124.8
192	16.4	11.8	17.8



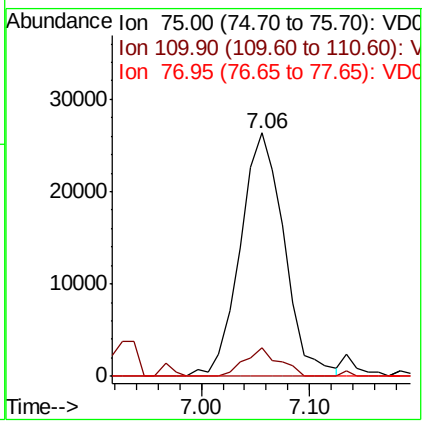


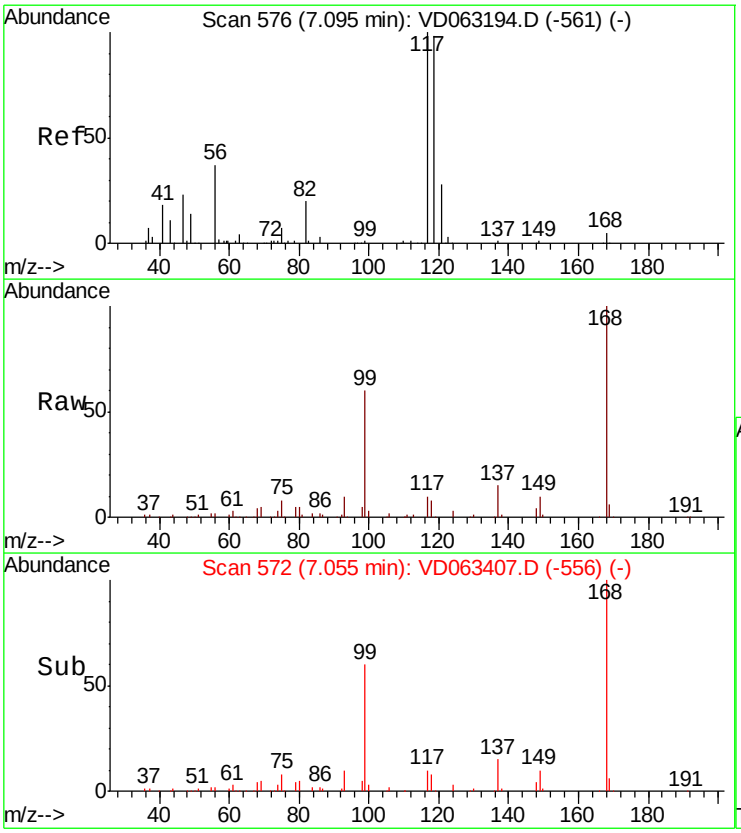
#36
1,1-Dichloropropene
Concen: 6.506 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.08 min
Lab File: VD063407.D
Acq: 6 Aug 2019 19:00

Instrument : MSVOA_D
ClientSampleId : 370-371

Tgt Ion: 75 Resp: 74674

Ion	Ratio	Lower	Upper
75	100		
110	11.7	16.1	48.2#
77	0.0	22.7	34.1#

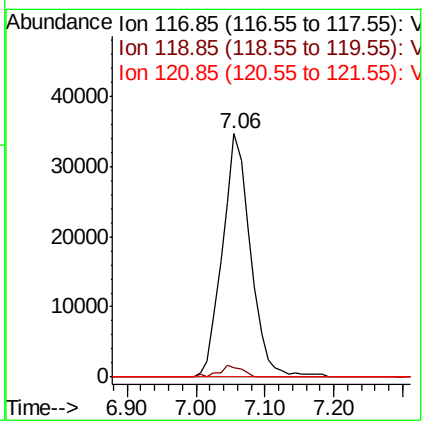


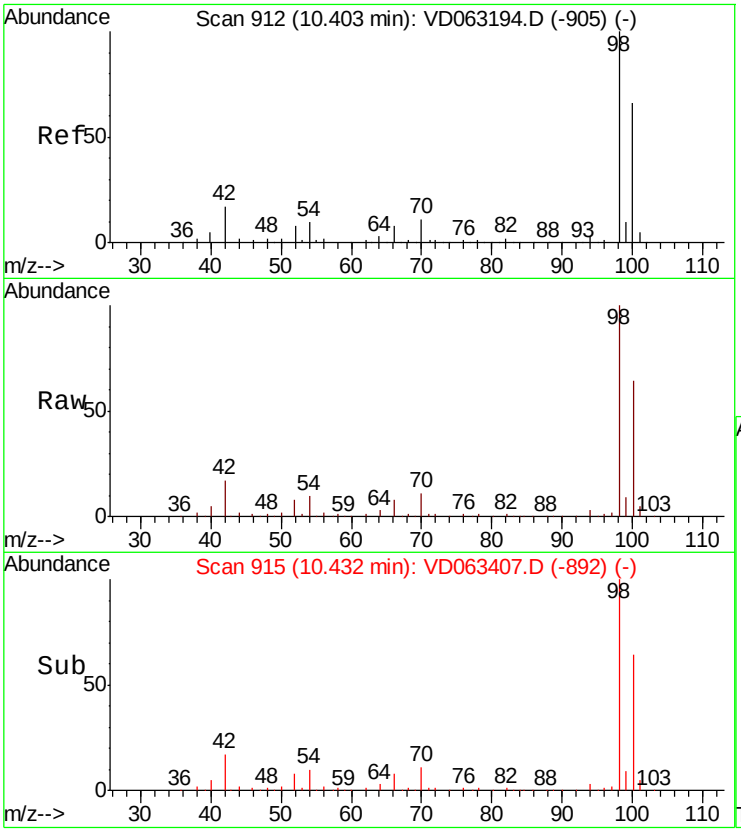


#38
Carbon Tetrachloride
Concen: 5.659 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.04 min
Lab File: VD063407.D
Acq: 6 Aug 2019 19:00

Tgt Ion:117 Resp: 97782

Ion	Ratio	Lower	Upper
117	100		
119	4.1	78.2	117.2#
121	0.0	22.1	33.1#



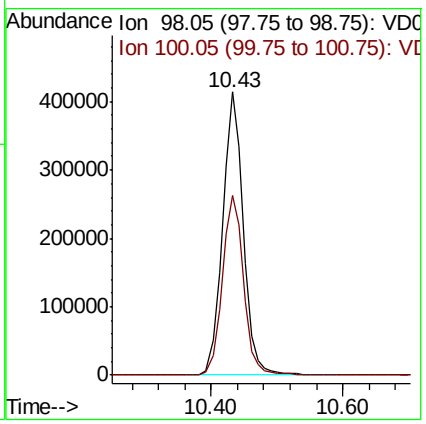


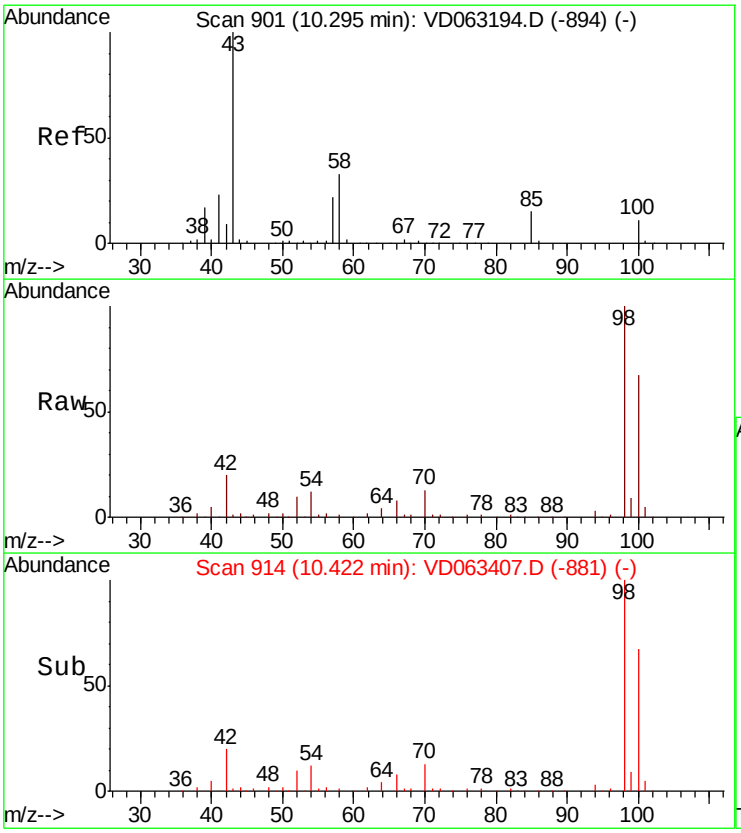
#50
Toluene-d8
Concen: 37.822 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD063407.D
Acq: 6 Aug 2019 19:00

Instrument : MSVOA_D
ClientSampleId : 370-371

Tgt Ion: 98 Resp: 908902

Ion	Ratio	Lower	Upper
98	100		
100	63.6	53.2	79.8

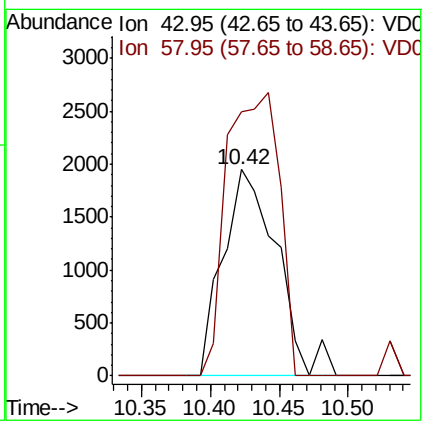


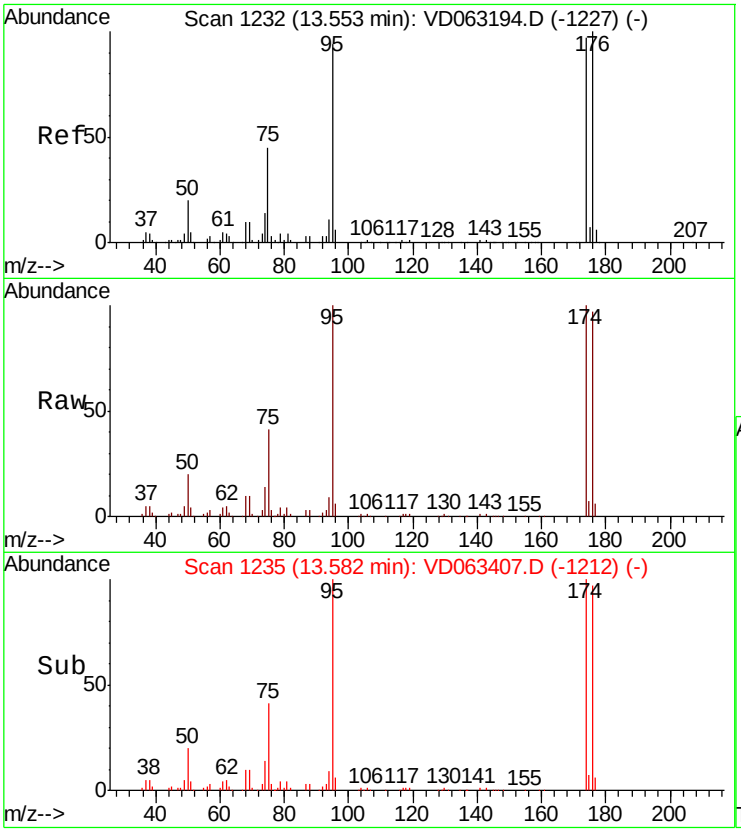


#51
4-Methyl-2-Pentanone
Concen: 1.191 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.13 min
Lab File: VD063407.D
Acq: 6 Aug 2019 19:00

Tgt Ion: 43 Resp: 5335

Ion	Ratio	Lower	Upper
43	100		
58	128.3	26.2	39.2#



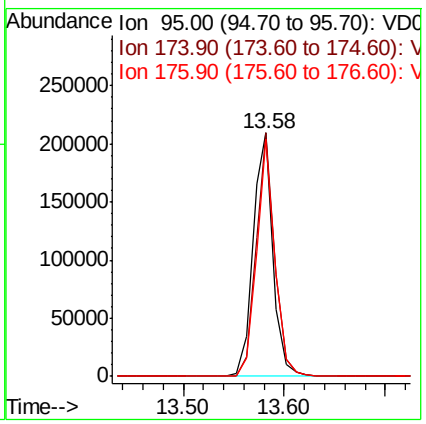


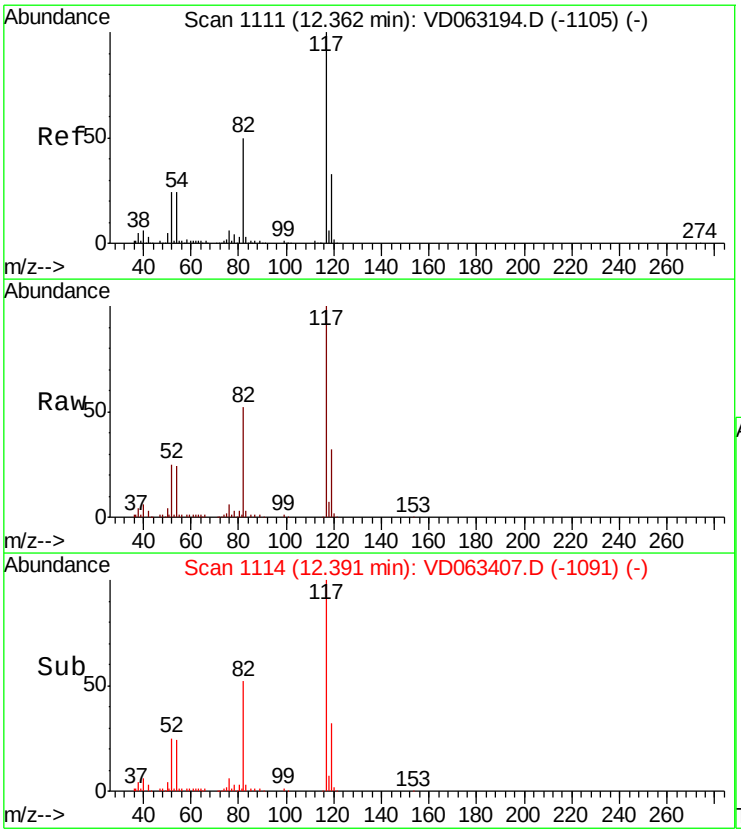
#62
4-Bromofluorobenzene
Concen: 26.268 ug/l
RT: 13.58 min Scan# 1235
Delta R.T. 0.03 min
Lab File: VD063407.D
Acq: 6 Aug 2019 19:00

Instrument :
MSVOA_D
ClientSampleId :
370-371

Tgt Ion: 95 Resp: 287654

Ion	Ratio	Lower	Upper
95	100		
174	99.8	0.0	205.4
176	97.3	0.0	211.8

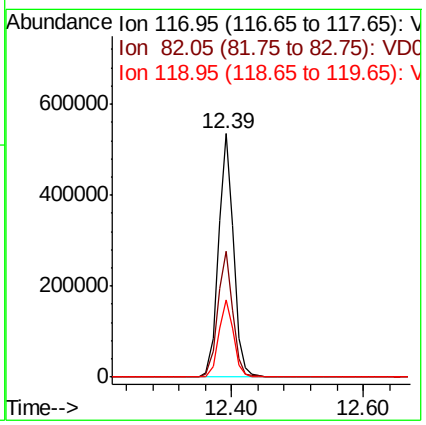


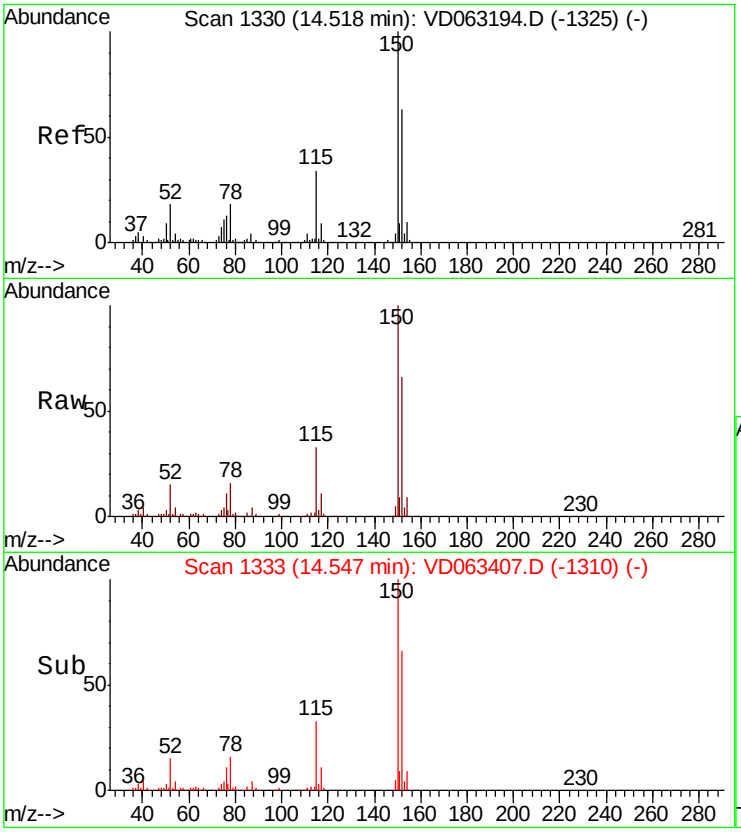


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.03 min
Lab File: VD063407.D
Acq: 6 Aug 2019 19:00

Tgt Ion:117 Resp: 848165

Ion	Ratio	Lower	Upper
117	100		
82	51.9	40.1	60.1
119	31.6	26.5	39.7



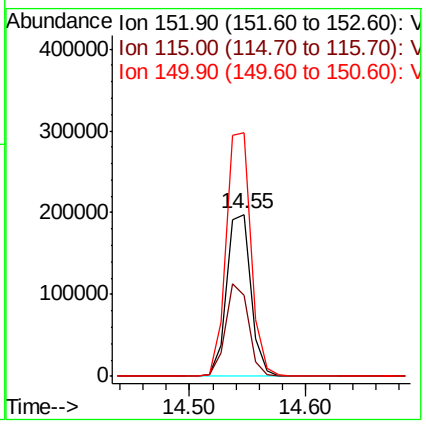


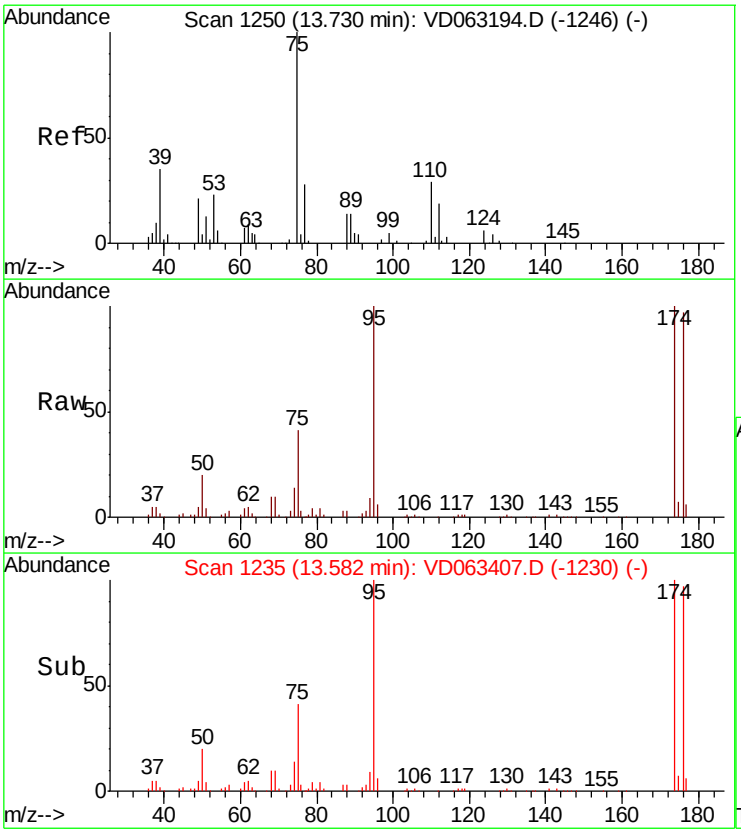
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.55 min Scan# 1333
Delta R.T. 0.03 min
Lab File: VD063407.D
Acq: 6 Aug 2019 19:00

Instrument :
MSVOA_D
ClientSampleId :
370-371

Tgt Ion:152 Resp: 286196

Ion	Ratio	Lower	Upper
152	100		
115	49.9	27.5	82.4
150	150.4	0.0	320.6

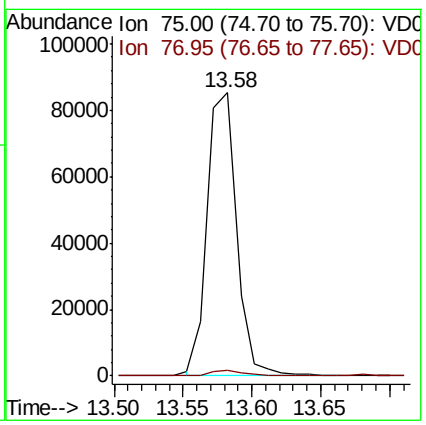


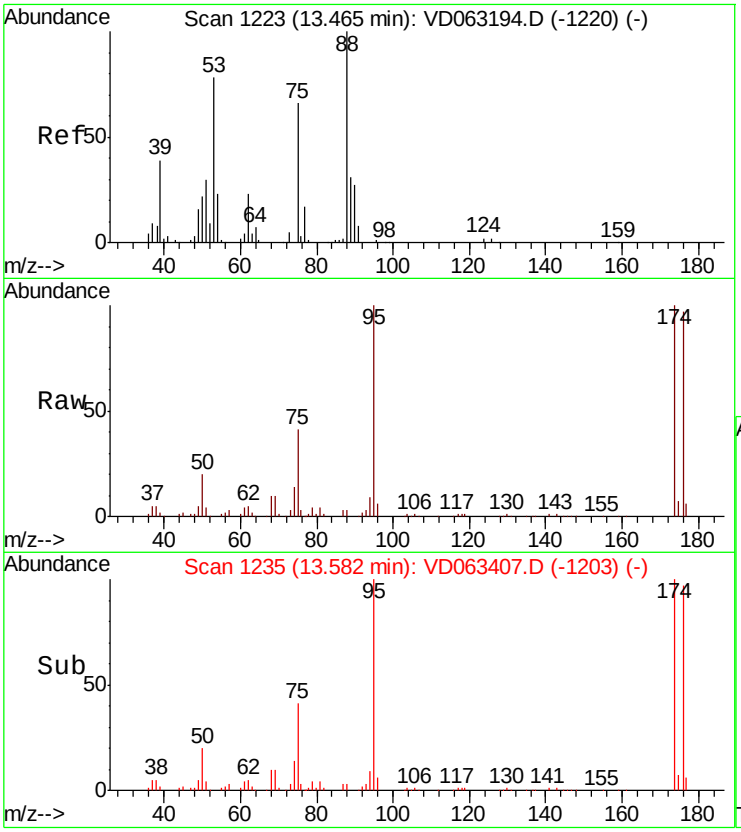


#76
1,2,3-Trichloropropane
Concen: 36.733 ug/l
RT: 13.58 min Scan# 1235
Delta R.T. -0.15 min
Lab File: VD063407.D
Acq: 6 Aug 2019 19:00

Tgt Ion: 75 Resp: 126272

Ion	Ratio	Lower	Upper
75	100		
77	2.1	16.0	48.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 132.693 ug/l
RT: 13.58 min Scan# 1235
Delta R.T. 0.12 min
Lab File: VD063407.D
Acq: 6 Aug 2019 19:00

Instrument :
MSVOA_D
ClientSampleId :
370-371

Tgt Ion: 75 Resp: 126662

Ion	Ratio	Lower	Upper
75	100		
53	0.0	94.9	142.3#
89	0.0	37.4	56.0#