Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060519\
Data File : VD062625.D
Acq On : 6 Jun 2019 14:05
Operator : FY/SY
Sample : K3218-07
Misc : 5.25g/5mL/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RT-1873

Quant Time: Jun 07 03:24:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060519S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 06 05:42:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	696376	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.23	114	893301	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	691532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	314816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	327860	34.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 68.70%			
35) Dibromofluoromethane	6.93	113	311689	34.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 68.66%			
50) Toluene-d8	10.41	98	606029	30.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 61.98%			
62) 4-Bromofluorobenzene	13.56	95	272539	29.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 59.12%			
Target Compounds						Qvalue
5) Bromomethane	2.16	94	3502	1.053	ug/l #	12
11) Tert butyl alcohol	4.06	59	469	1.097	ug/l #	77
13) Acrolein	3.04	56	212	1.403	ug/l #	11
16) Acetone	3.23	43	69546	40.539	ug/l	98
20) Methylene Chloride	3.83	84	22856	3.423	ug/l #	66
25) 2-Butanone	6.19	43	2261	1.387	ug/l #	57
31) Cyclohexane	7.06	56	16926	2.153	ug/l #	11
36) 1,1-Dichloropropene	7.05	75	57859	6.024	ug/l #	54
38) Carbon Tetrachloride	7.05	117	71831	4.983	ug/l #	17
81) trans-1,4-Dichloro-2-buten	13.56	75	136967	129.752	ug/l #	1

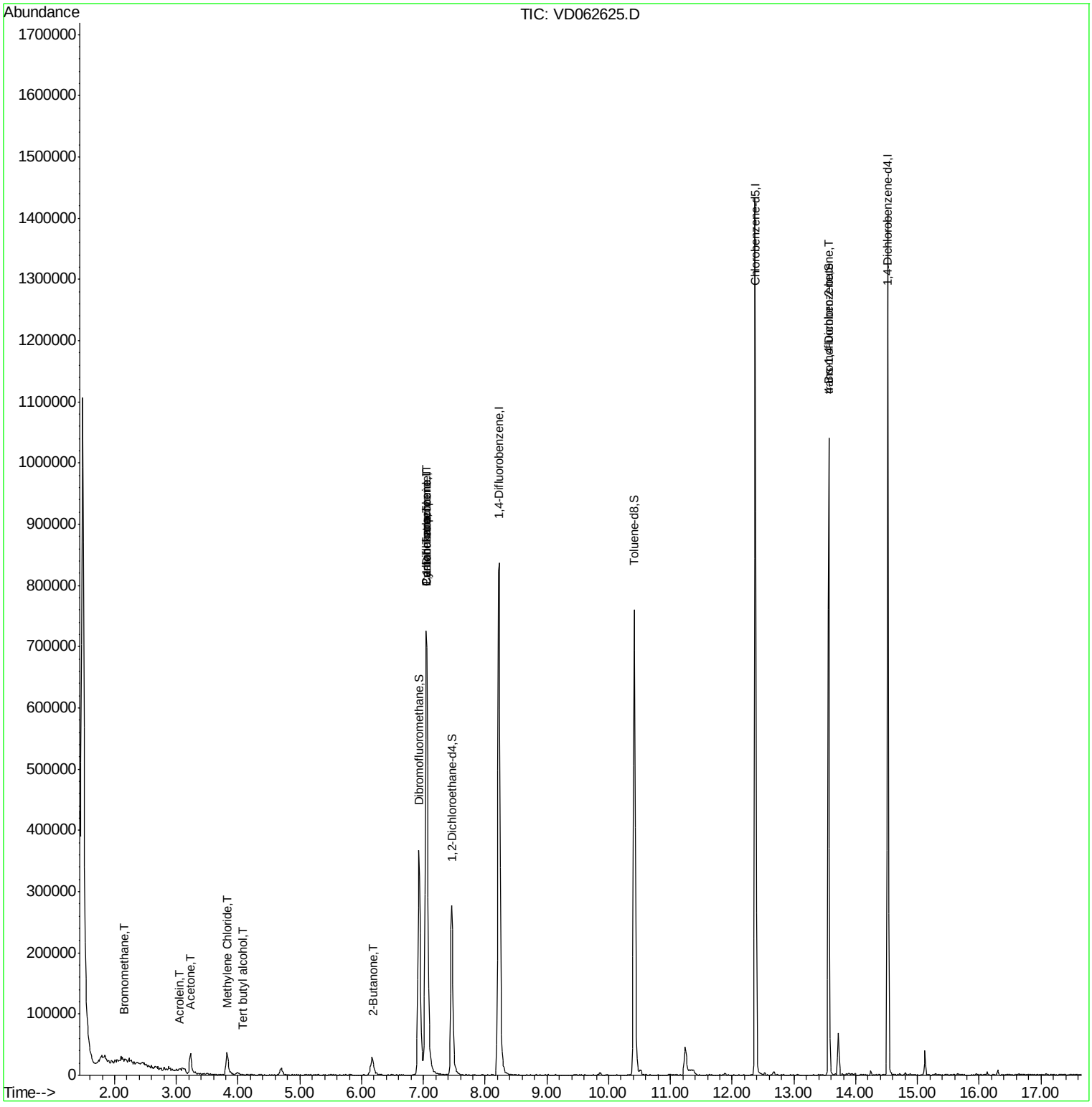
(#) = qualifier out of range (m) = manual integration (+) = signals summed

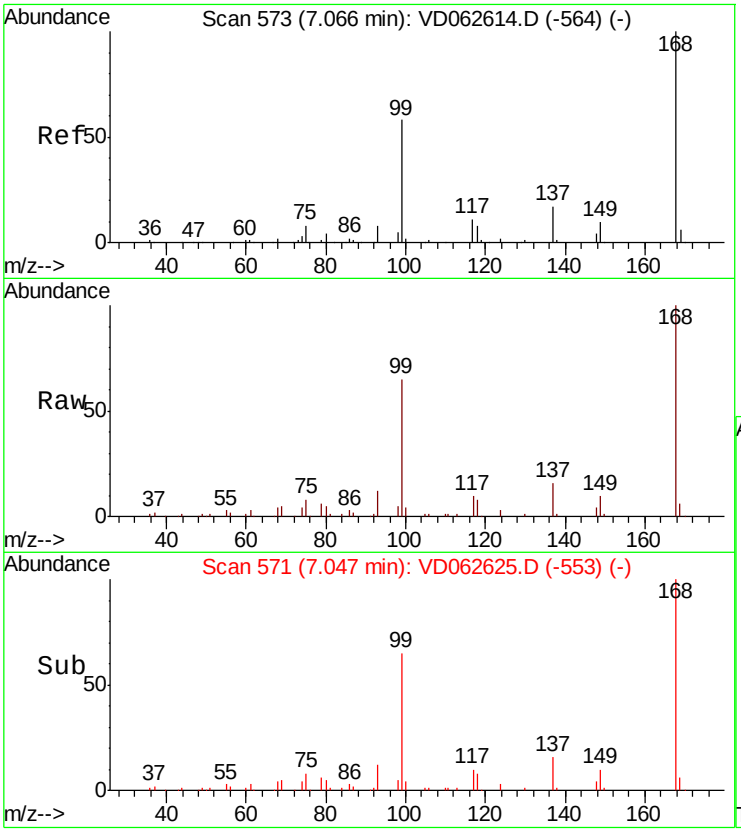
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060519\
Data File : VD062625.D
Acq On : 6 Jun 2019 14:05
Operator : FY/SY
Sample : K3218-07
Misc : 5.25g/5mL/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RT-1873

Quant Time: Jun 07 03:24:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060519S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 06 05:42:40 2019
Response via : Initial Calibration



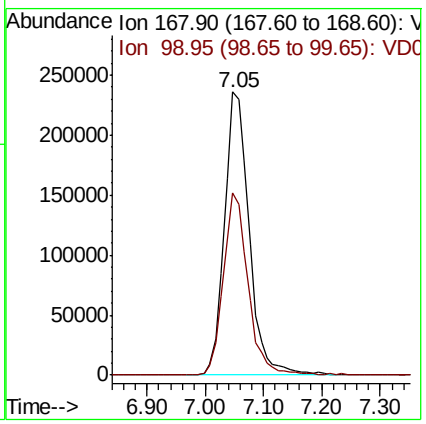


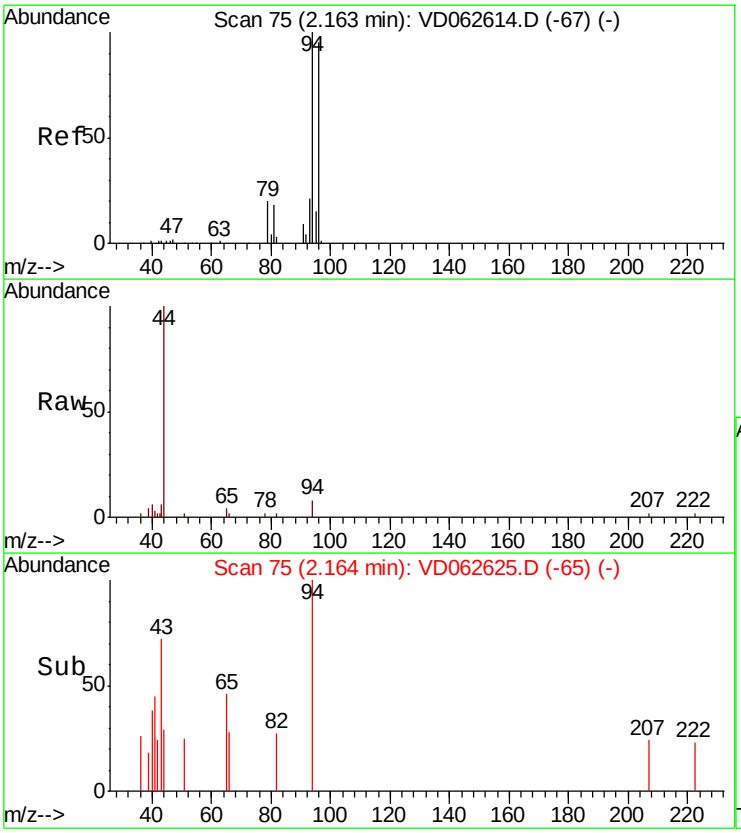
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.02 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

Instrument :
MSVOA_D
ClientSampleId :
RT-1873

Tgt Ion:168 Resp: 696376

Ion	Ratio	Lower	Upper
168	100		
99	64.6	48.1	72.1

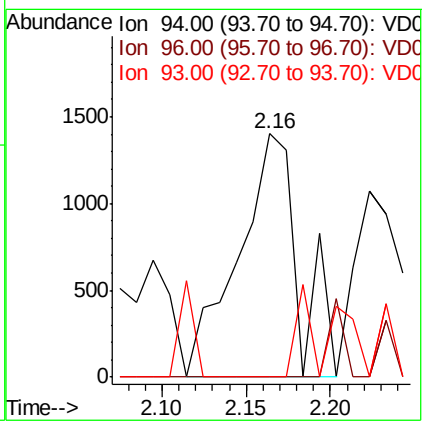


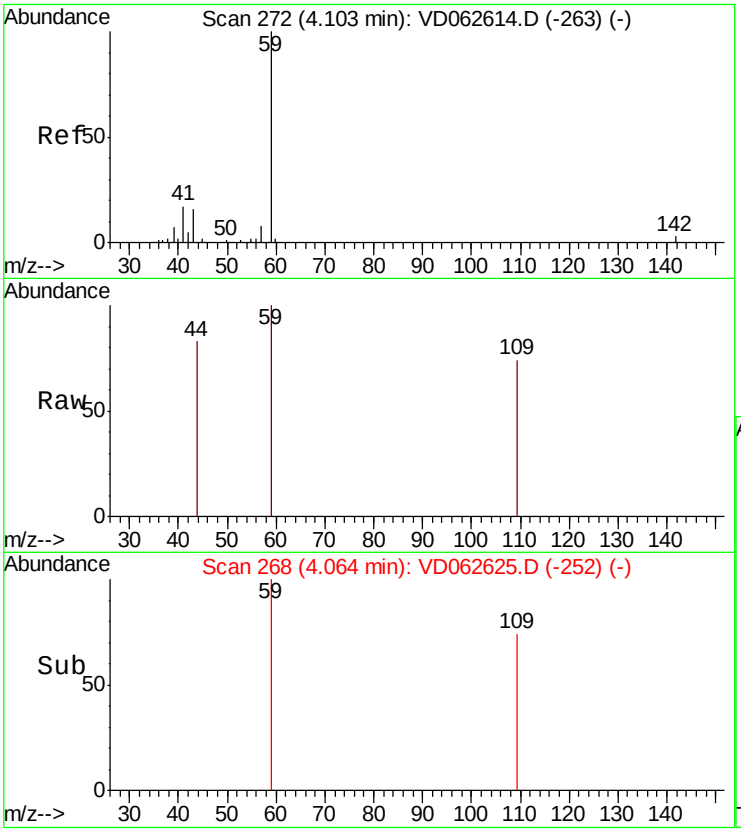


#5
Bromomethane
Concen: 1.053 ug/l
RT: 2.16 min Scan# 75
Delta R.T. 0.00 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

Tgt Ion: 94 Resp: 3502

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.8	113.8#
93	0.0	16.6	25.0#



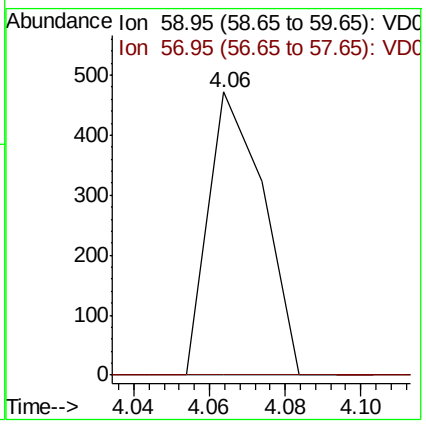


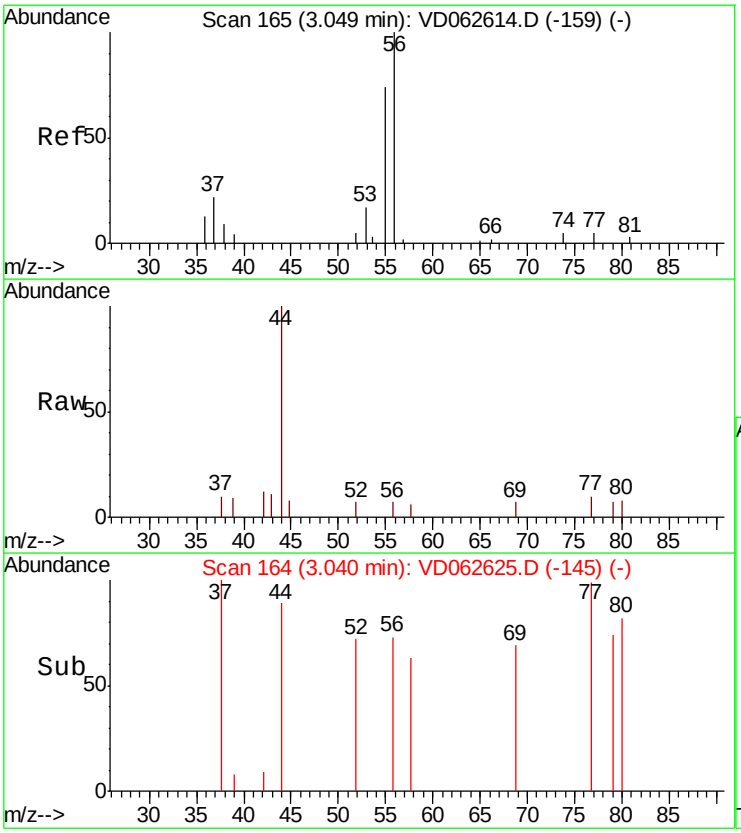
#11
Tert butyl alcohol
Concen: 1.097 ug/l
RT: 4.06 min Scan# 268
Delta R.T. -0.04 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

Instrument : MSVOA_D
ClientSampleId : RT-1873

Tgt Ion: 59 Resp: 469

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

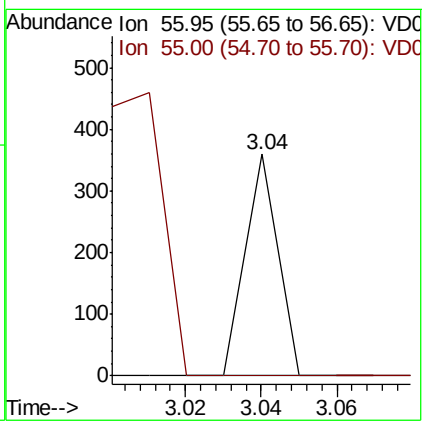


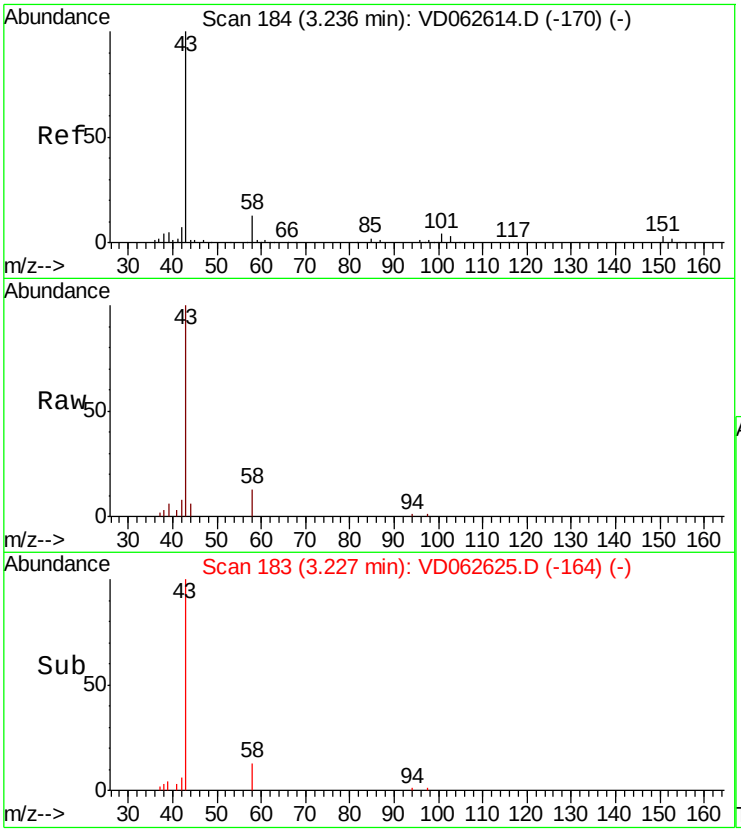


#13
Acrolein
Concen: 1.403 ug/l
RT: 3.04 min Scan# 164
Delta R.T. -0.01 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

Tgt Ion: 56 Resp: 212

Ion	Ratio	Lower	Upper
56	100		
55	0.0	61.4	92.0#



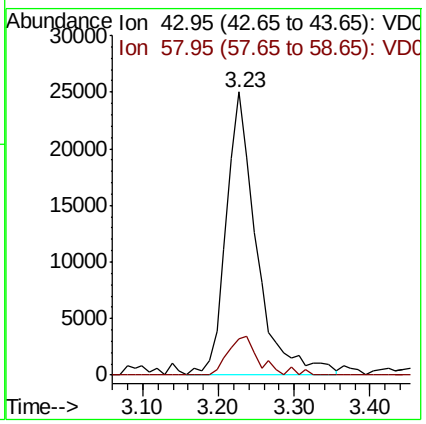


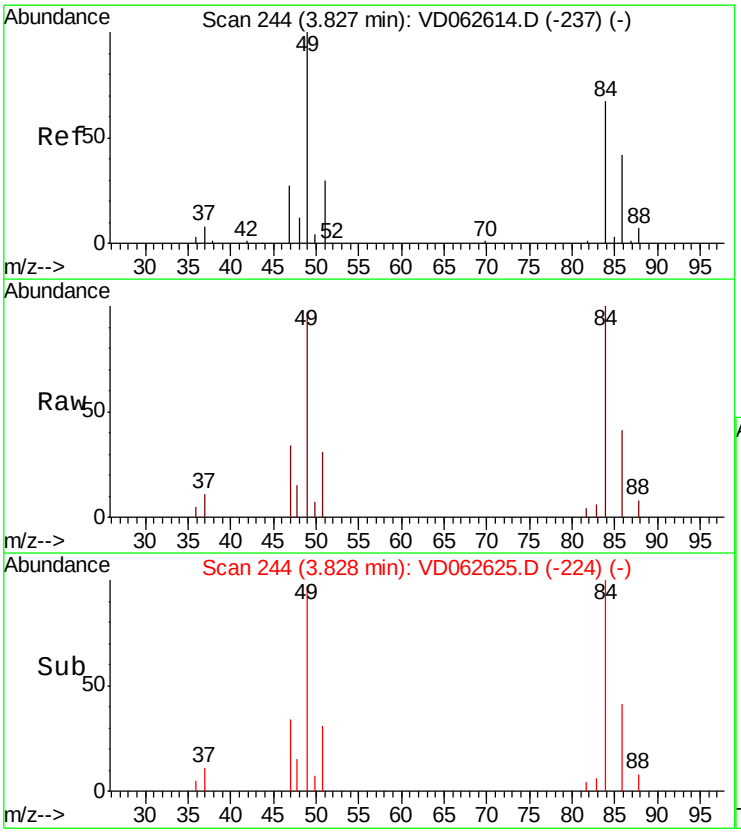
#16
Acetone
Concen: 40.539 ug/l
RT: 3.23 min Scan# 183
Delta R.T. -0.01 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

Instrument : MSVOA_D
ClientSampleId : RT-1873

Tgt Ion: 43 Resp: 69546

Ion	Ratio	Lower	Upper
43	100		
58	12.6	10.7	16.1

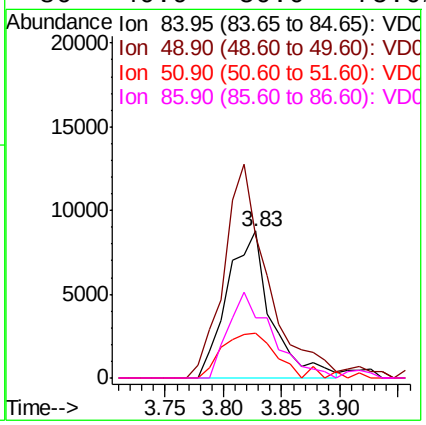


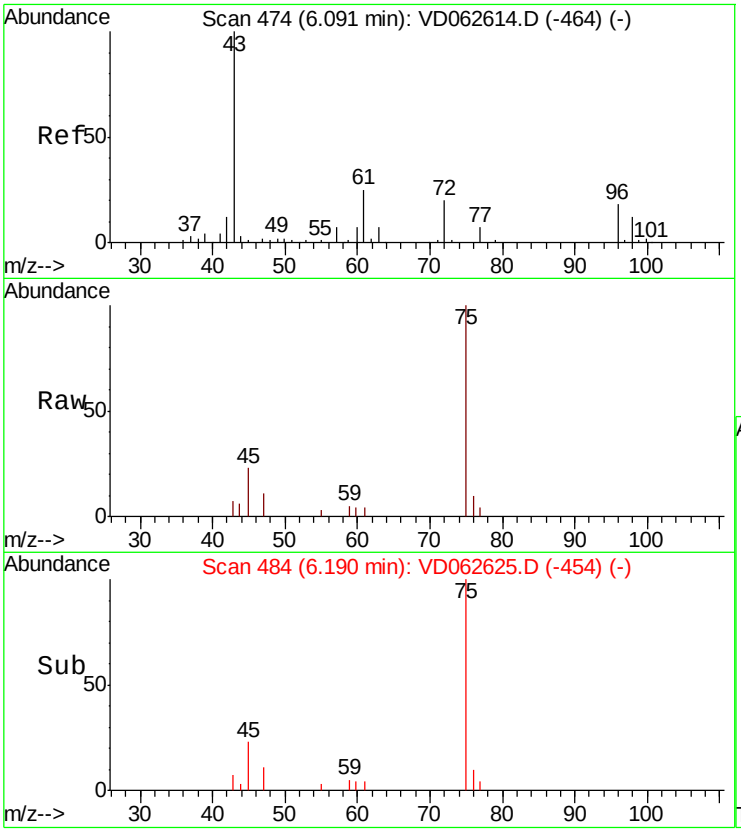


#20
Methylene Chloride
Concen: 3.423 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

Tgt Ion: 84 Resp: 22856

Ion	Ratio	Lower	Upper
84	100		
49	96.7	119.0	178.6#
51	30.8	35.4	53.2#
86	40.9	50.0	75.0#



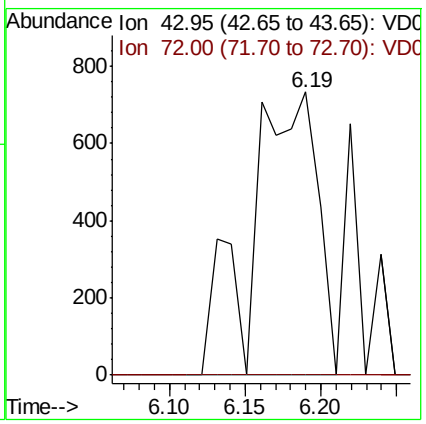


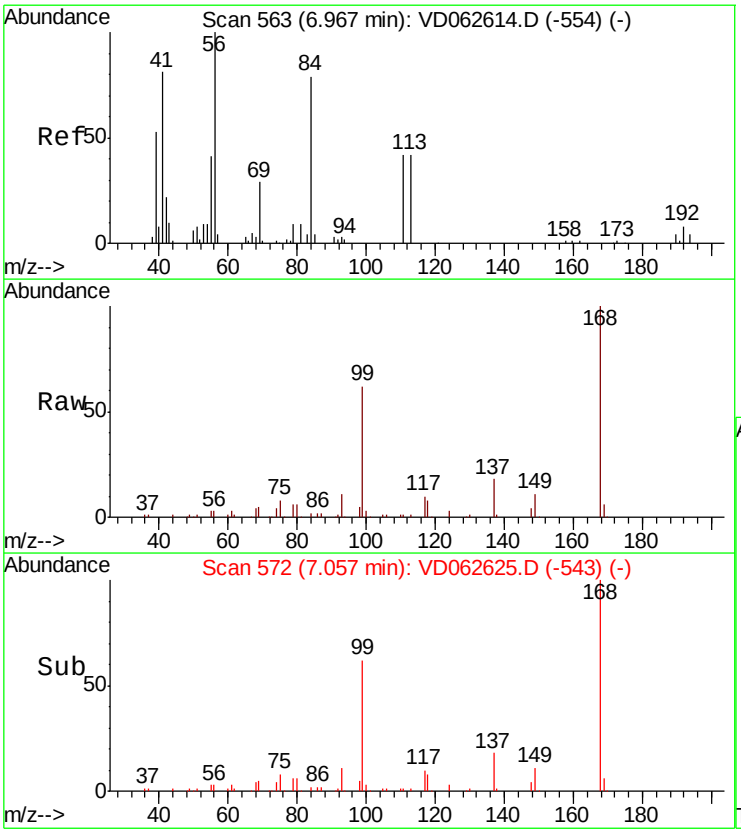
#25
2-Butanone
Concen: 1.387 ug/l
RT: 6.19 min Scan# 484
Delta R.T. 0.10 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

Instrument : MSVOA_D
ClientSampleId : RT-1873

Tgt Ion: 43 Resp: 2261

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.7	23.5#

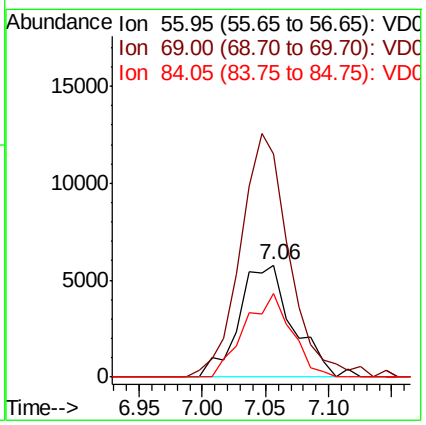


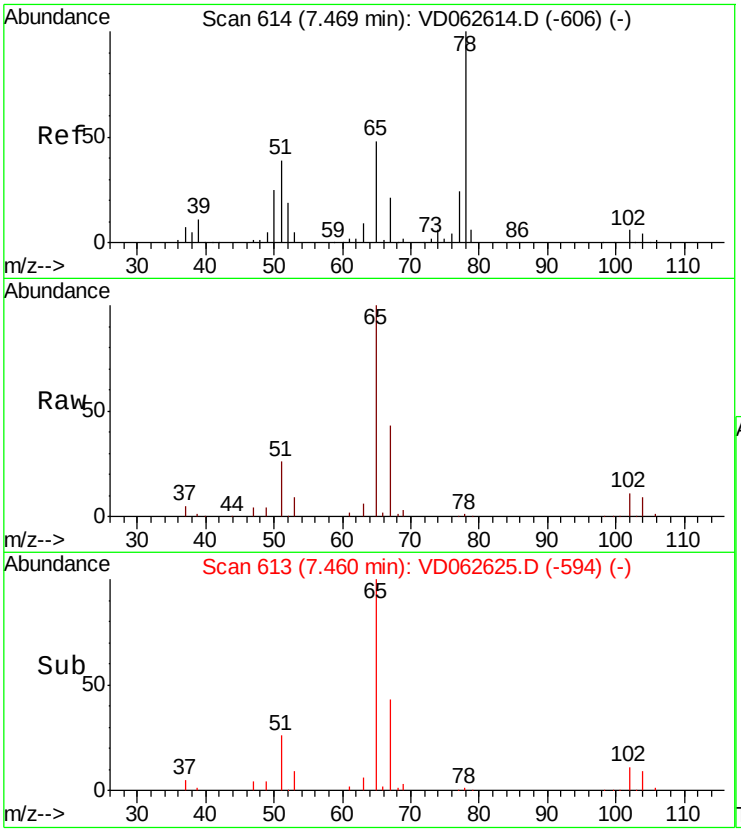


#31
Cyclohexane
Concen: 2.153 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.09 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

Tgt Ion: 56 Resp: 16926

Ion	Ratio	Lower	Upper
56	100		
69	198.7	23.0	34.4#
84	74.5	66.0	99.0



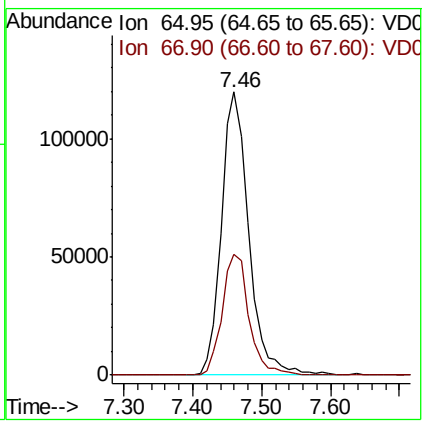


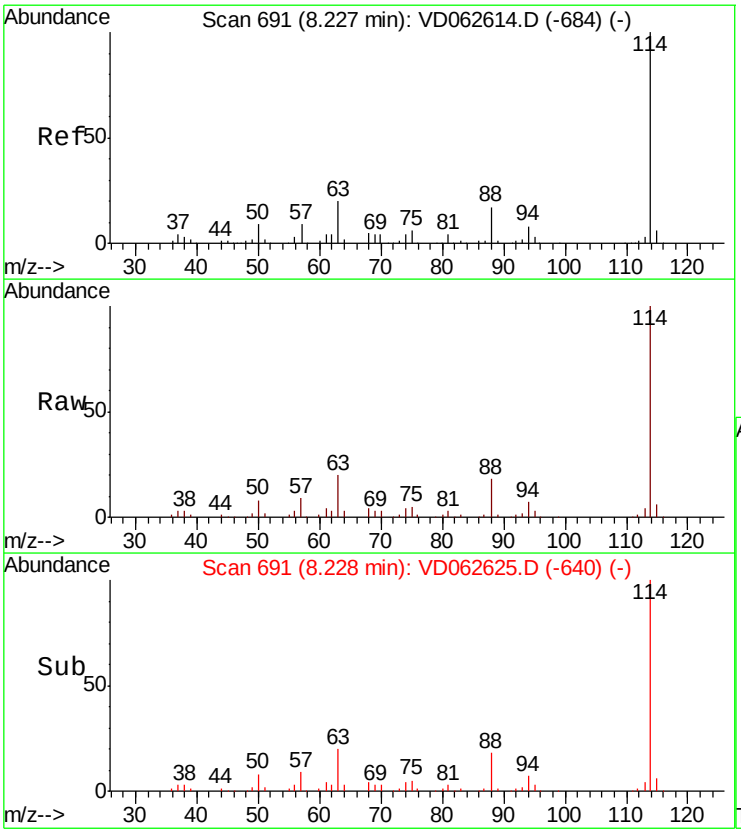
#33
1,2-Dichloroethane-d4
Concen: 34.345 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

Instrument : MSVOA_D
ClientSampleId : RT-1873

Tgt Ion: 65 Resp: 327860

Ion	Ratio	Lower	Upper
65	100		
67	42.7	0.0	86.2

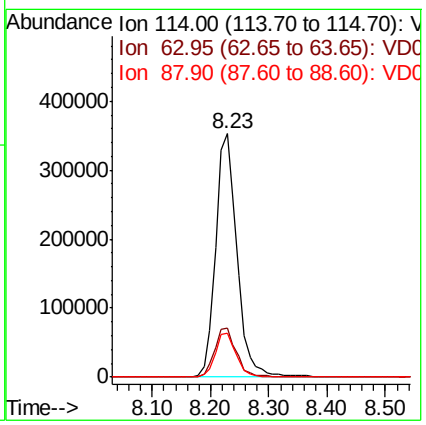


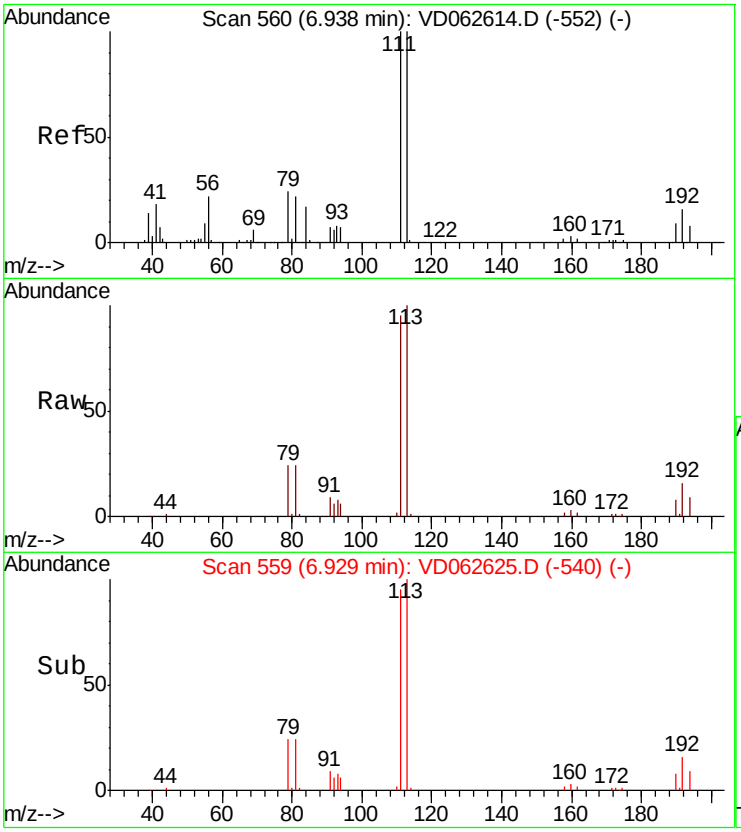


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.00 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

Tgt Ion:114 Resp: 893301

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.0
88	18.1	0.0	34.2



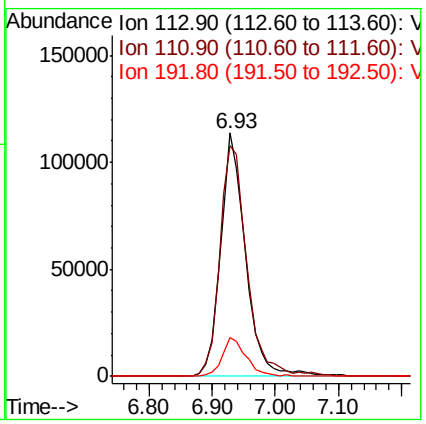


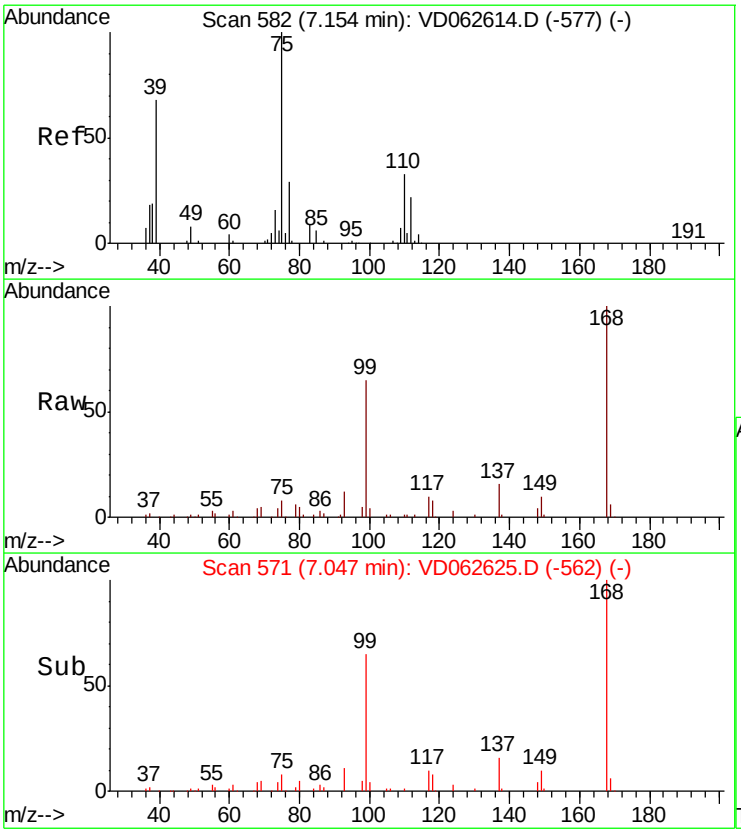
#35
Dibromofluoromethane
Concen: 34.330 ug/l
RT: 6.93 min Scan# 559
Delta R.T. -0.01 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

Instrument :
MSVOA_D
ClientSampleId :
RT-1873

Tgt Ion:113 Resp: 311689

Ion	Ratio	Lower	Upper
113	100		
111	94.7	80.1	120.1
192	15.8	13.0	19.6

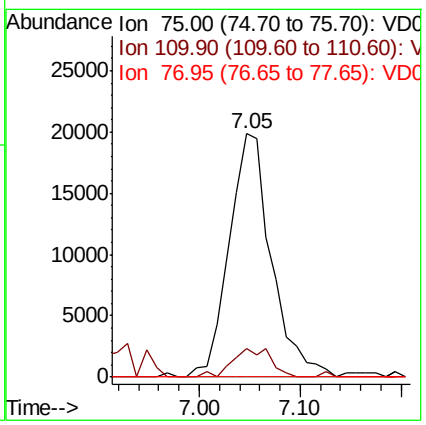


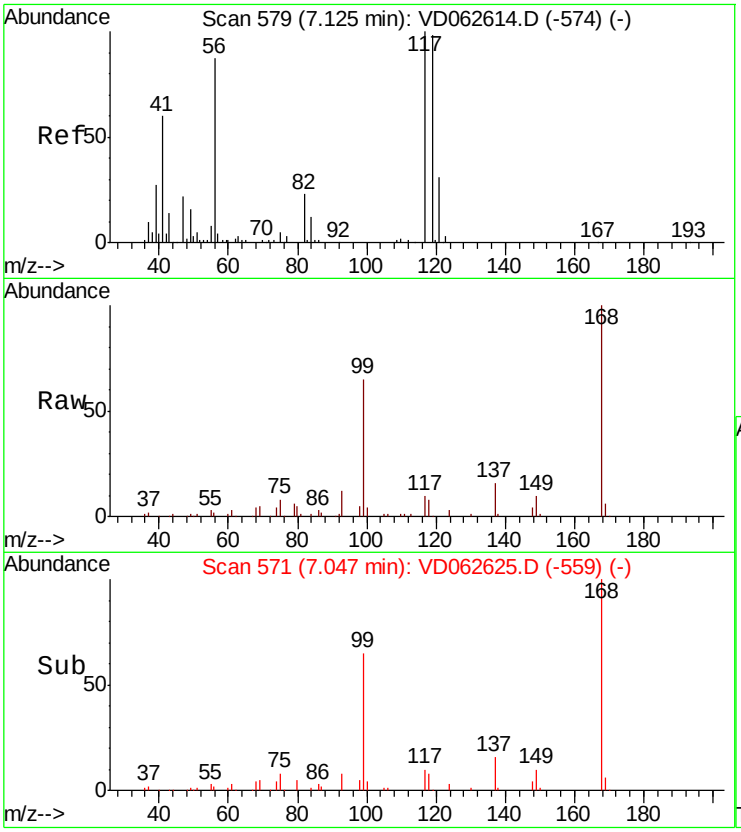


#36
1,1-Dichloropropene
Concen: 6.024 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.11 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

Tgt Ion: 75 Resp: 57859

Ion	Ratio	Lower	Upper
75	100		
110	11.6	16.5	49.5#
77	0.0	23.3	34.9#



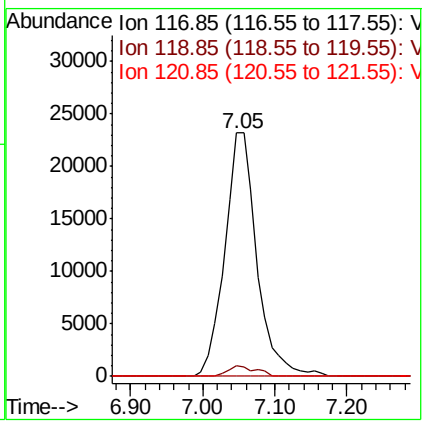


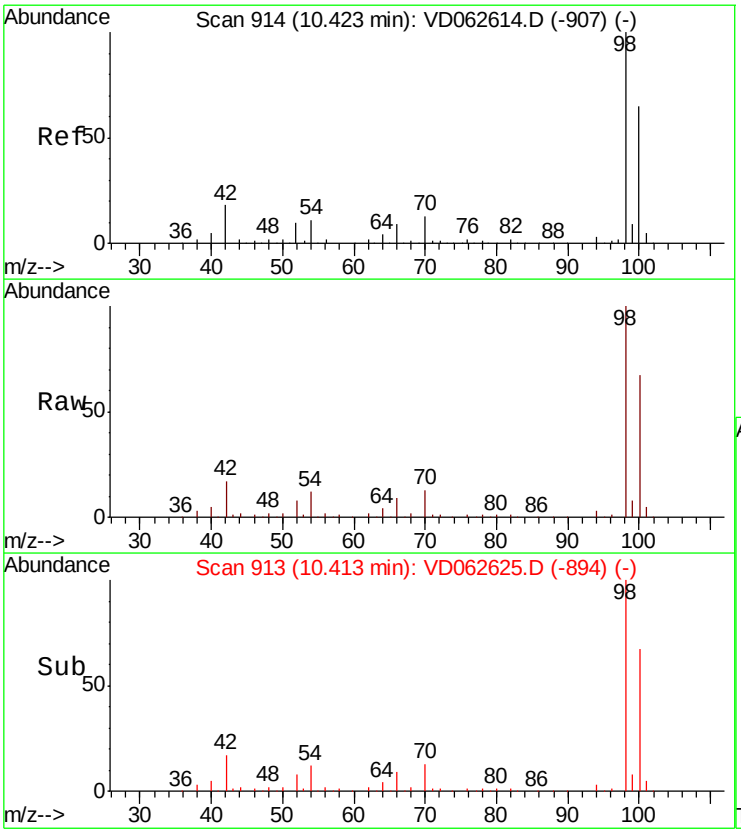
#38
Carbon Tetrachloride
Concen: 4.983 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.08 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

Instrument : MSVOA_D
ClientSampleId : RT-1873

Tgt Ion:117 Resp: 71831

Ion	Ratio	Lower	Upper
117	100		
119	4.3	74.1	111.1#
121	0.0	23.5	35.3#

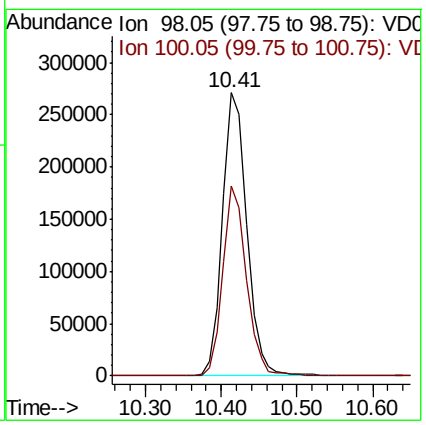


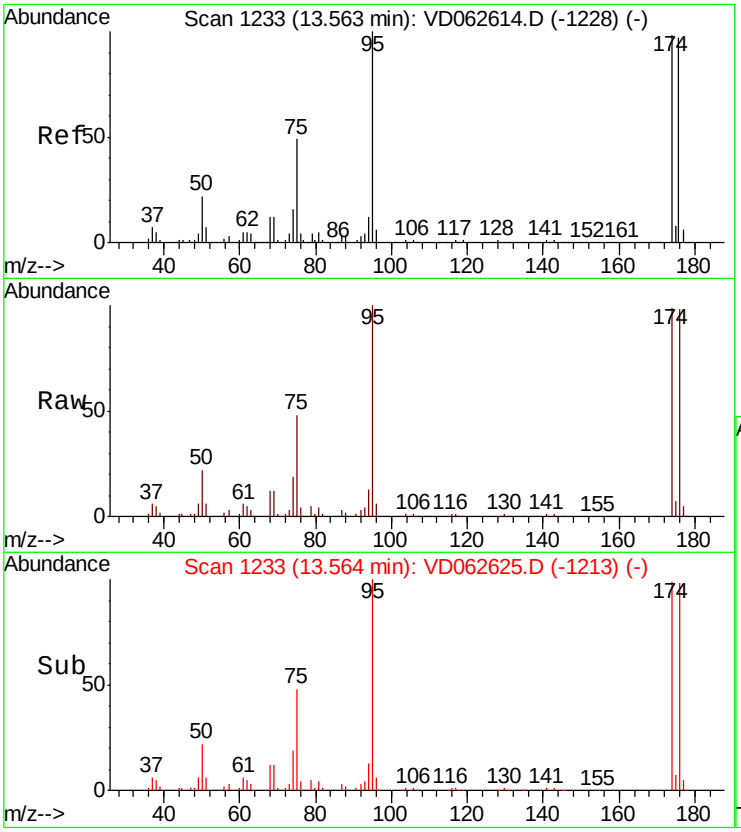


#50
Toluene-d8
Concen: 30.985 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

Tgt Ion: 98 Resp: 606029

Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.8	79.2



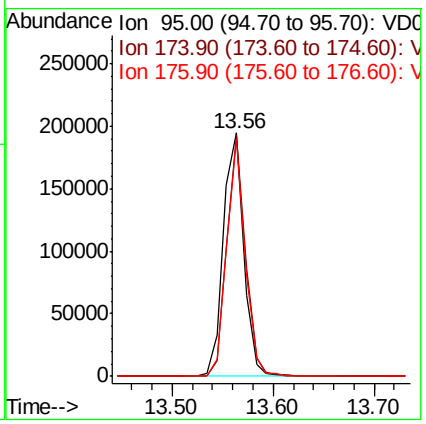


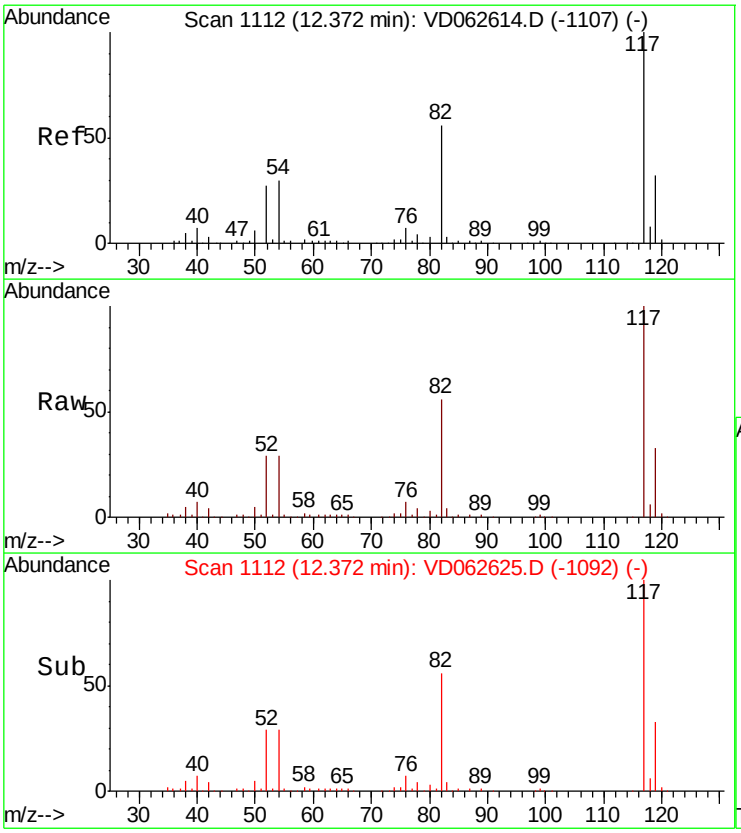
#62
4-Bromofluorobenzene
Concen: 29.557 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

Instrument :
MSVOA_D
ClientSampleId :
RT-1873

Tgt Ion: 95 Resp: 272539

Ion	Ratio	Lower	Upper
95	100		
174	98.9	0.0	195.8
176	97.5	0.0	193.2

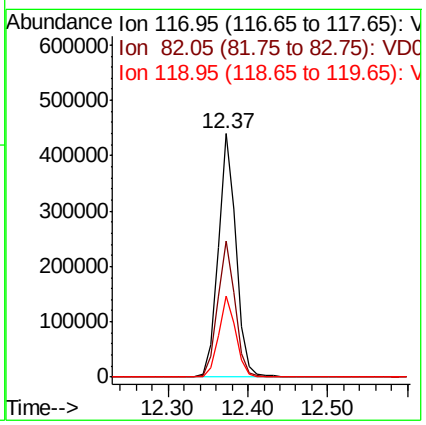


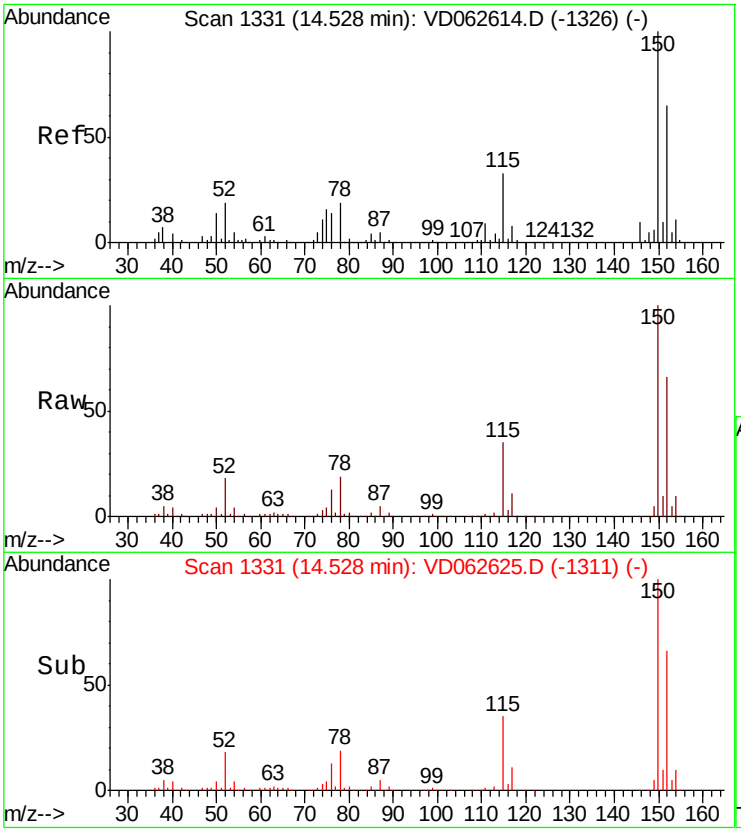


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

Tgt Ion:117 Resp: 691532

Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.0	67.6
119	33.4	25.7	38.5



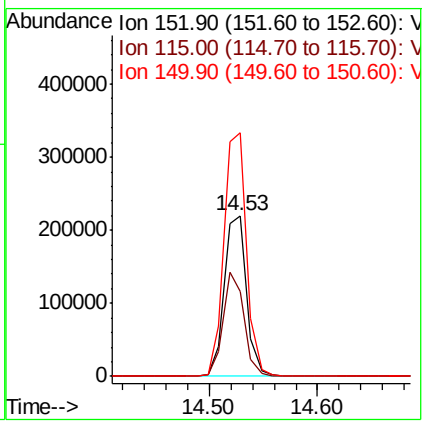


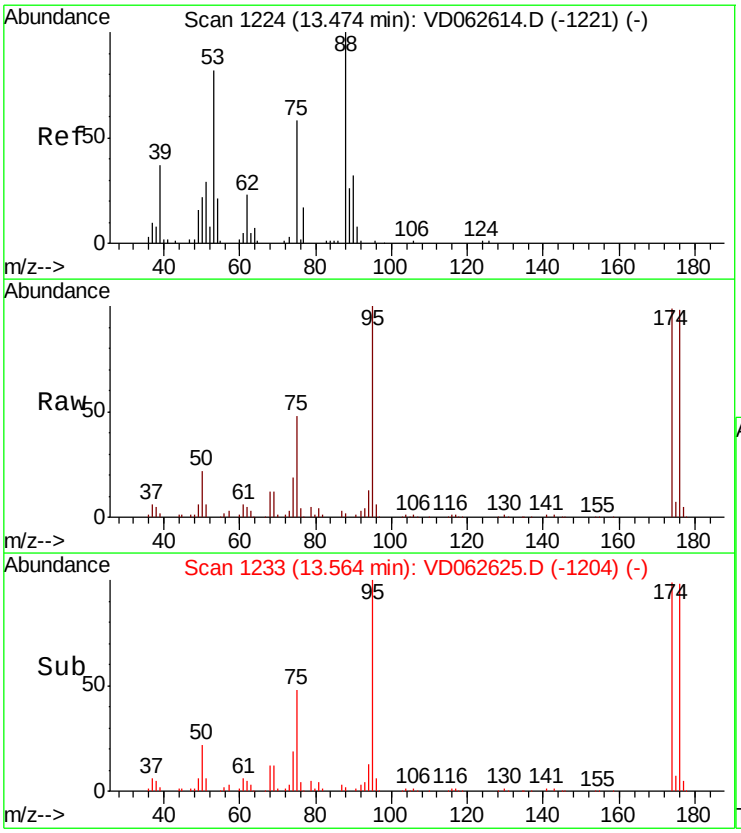
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

Instrument : MSVOA_D
ClientSampleId : RT-1873

Tgt Ion:152 Resp: 314816

Ion	Ratio	Lower	Upper
152	100		
115	52.9	27.1	81.3
150	151.6	0.0	315.0





#81
trans-1,4-Dichloro-2-butene
Concen: 129.752 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.09 min
Lab File: VD062625.D
Acq: 6 Jun 2019 14:05

Tgt Ion: 75 Resp: 136967

Ion	Ratio	Lower	Upper
75	100		
53	0.0	113.2	169.8#
89	0.0	36.9	55.3#