Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101320\
Data File : VD067250.D
Acq On : 13 Oct 2020 14:13
Operator : VA/SY
Sample : VD1013SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD1013SBL01

Quant Time: Oct 14 02:11:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 13 13:05:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	362615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	603610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	568629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	273185	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	189748	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.46%			
35) Dibromofluoromethane	7.91	113	193609	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.40%			
50) Toluene-d8	10.34	98	707885	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.38%			
62) 4-Bromofluorobenzene	12.64	95	244708	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	2552	Below Cal		87
5) Bromomethane	2.78	94	2253	Below Cal	#	49
7) Trichlorofluoromethane	3.29	101	7054	1.119	ug/l #	64
9) 1,1,2-Trichlorotrifluoroet	4.10	101	3365	1.005	ug/l	92
11) Tert butyl alcohol	5.21	59	373	Below Cal	#	81
13) Acrolein	3.93	56	58	21.908	ug/l #	15
16) Acetone	4.16	43	1925	3.784	ug/l #	73
17) Carbon Disulfide	4.41	76	9126	1.070	ug/l	98
20) Methylene Chloride	4.96	84	2542	Below Cal	#	87
29) Tetrahydrofuran	7.56	42	912	2.829	ug/l #	20
31) Cyclohexane	7.99	56	10734	2.565	ug/l #	55
68) m/p-Xylenes	11.86	106	7270	1.010	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	123139	65.035	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	123139	147.480	ug/l #	10

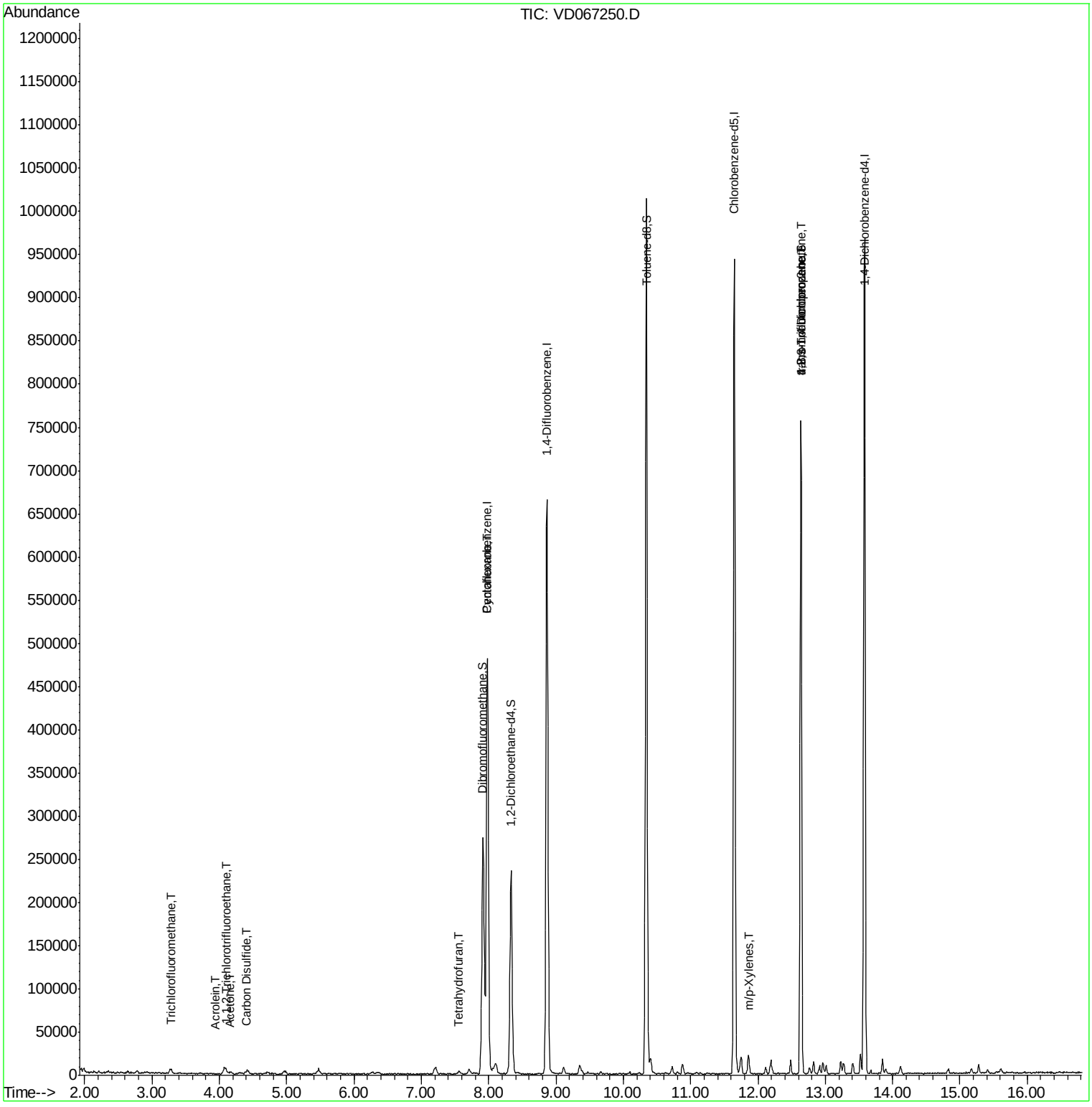
(#) = qualifier out of range (m) = manual integration (+) = signals summed

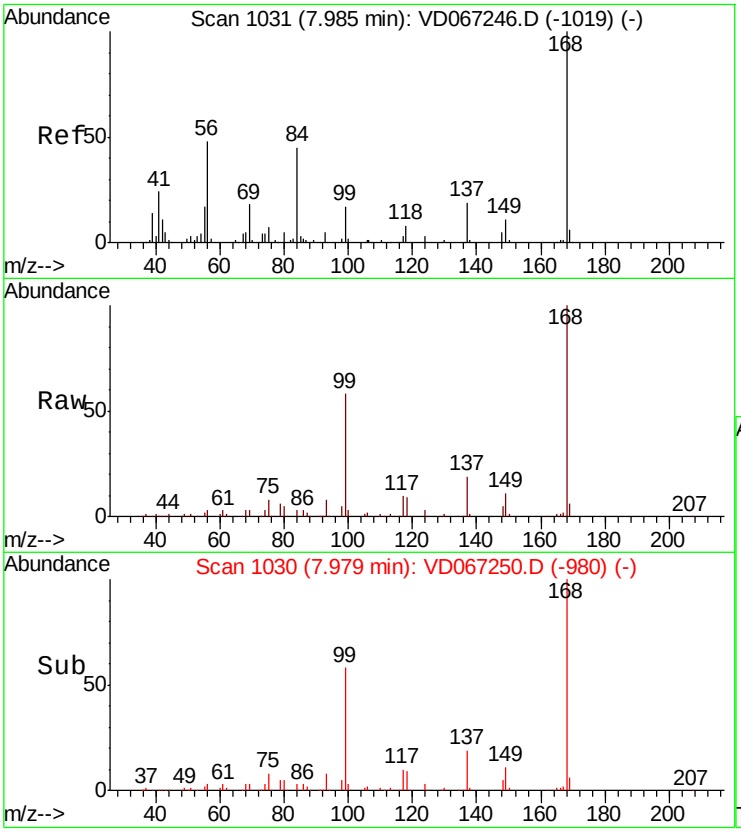
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101320\
Data File : VD067250.D
Acq On : 13 Oct 2020 14:13
Operator : VA/SY
Sample : VD1013SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1013SBL01

Quant Time: Oct 14 02:11:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 13 13:05:03 2020
Response via : Initial Calibration



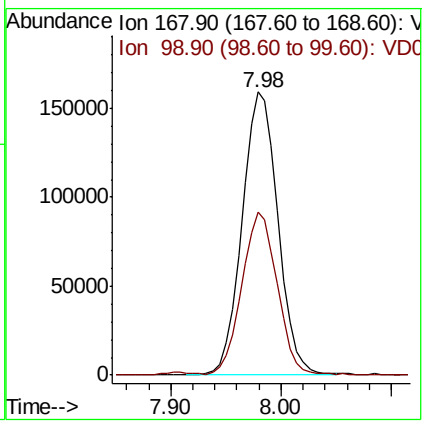


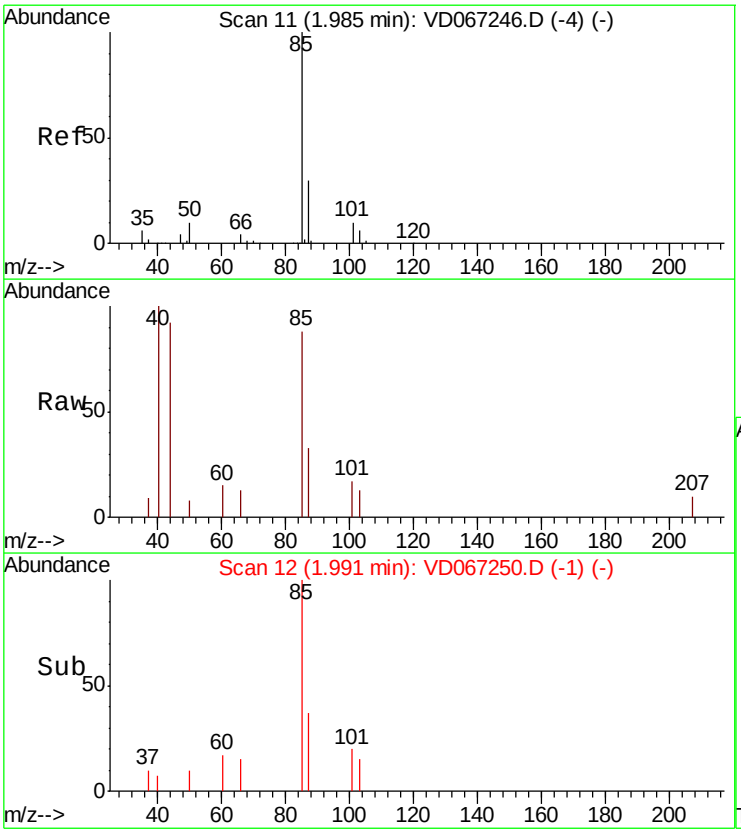
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Instrument : MSVOA_D
ClientSampleId : VD1013SBL01

Tgt Ion:168 Resp: 362615

Ion	Ratio	Lower	Upper
168	100		
99	57.6	45.9	68.9

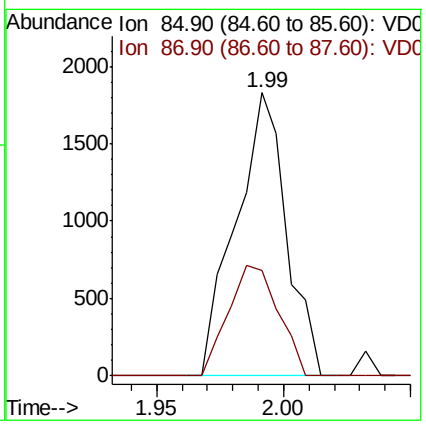


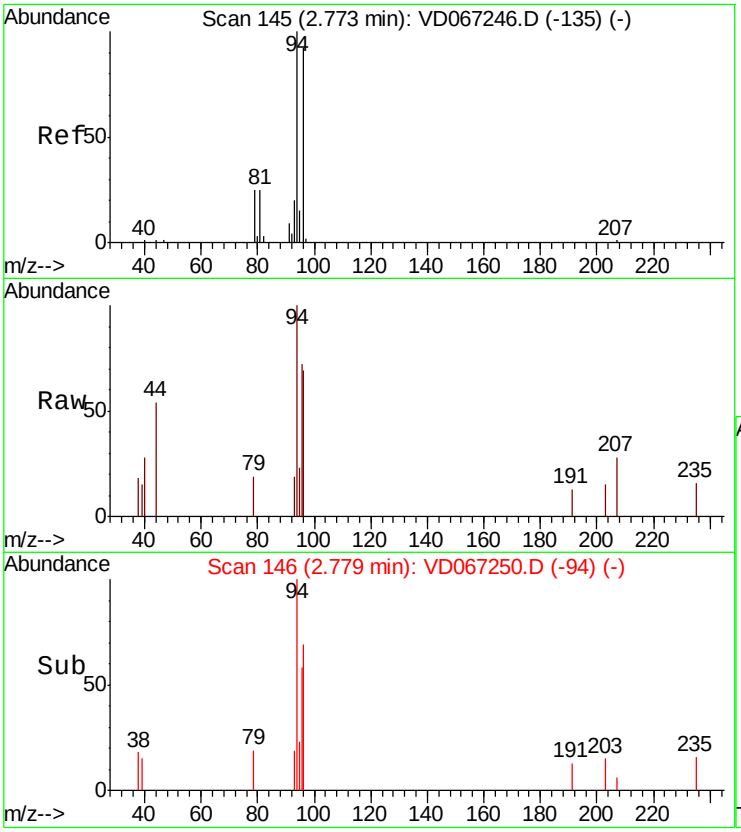


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.99 min Scan# 12
Delta R.T. 0.01 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Tgt Ion: 85 Resp: 2552

Ion	Ratio	Lower	Upper
85	100		
87	37.3	15.2	45.6



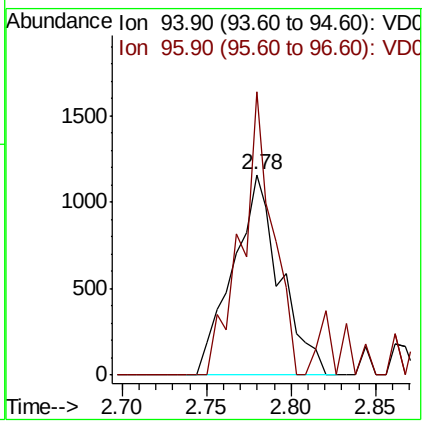


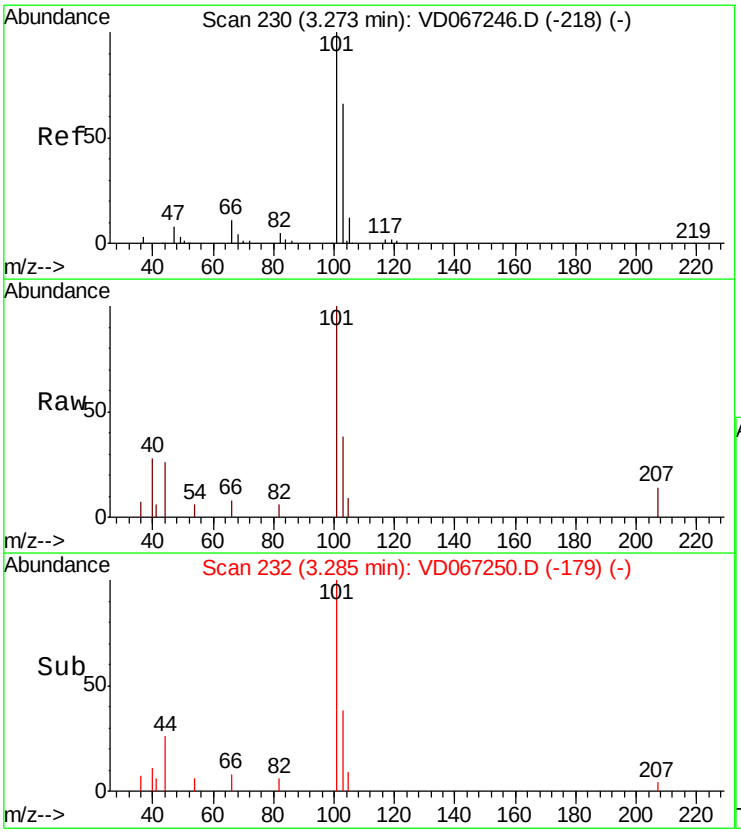
#5
Bromomethane
Concen: Below Cal
RT: 2.78 min Scan# 146
Delta R.T. 0.01 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Instrument : MSVOA_D
ClientSampleId : VD1013SBL01

Tgt Ion: 94 Resp: 2253

Ion	Ratio	Lower	Upper
94	100		
96	141.0	73.8	110.6#

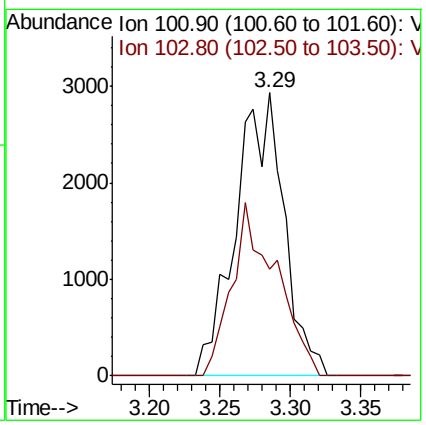


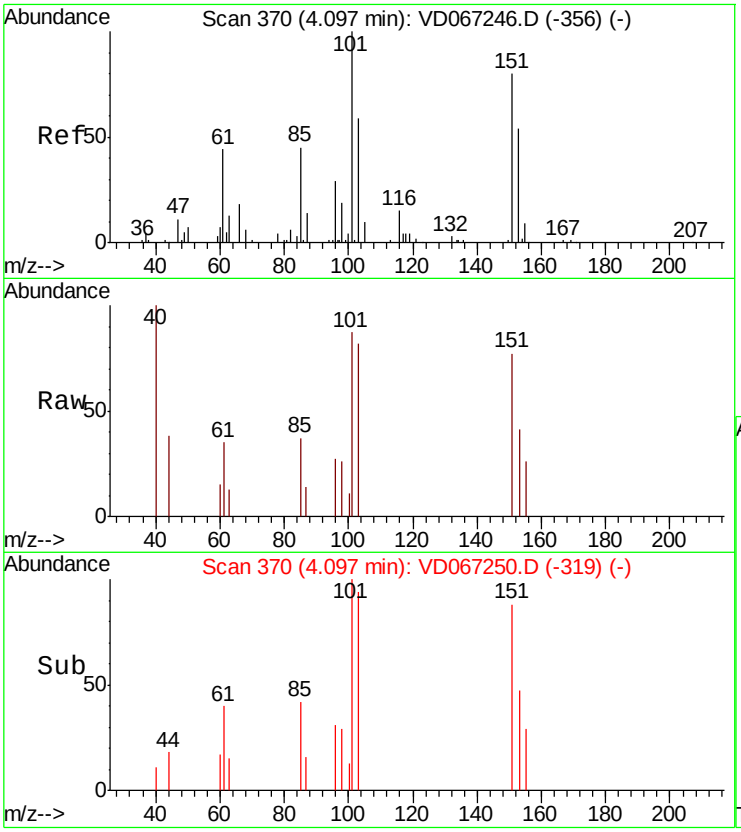


#7
Trichlorofluoromethane
Concen: 1.119 ug/l
RT: 3.29 min Scan# 232
Delta R.T. 0.01 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Tgt Ion:101 Resp: 7054

Ion	Ratio	Lower	Upper
101	100		
103	37.8	53.1	79.7#



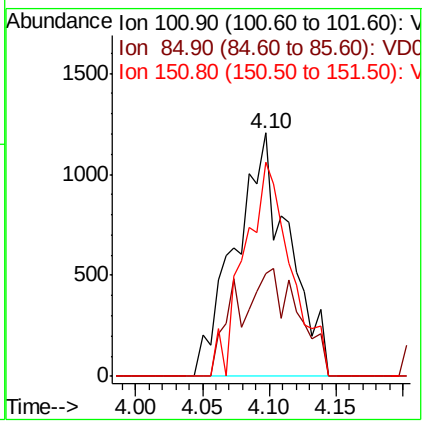


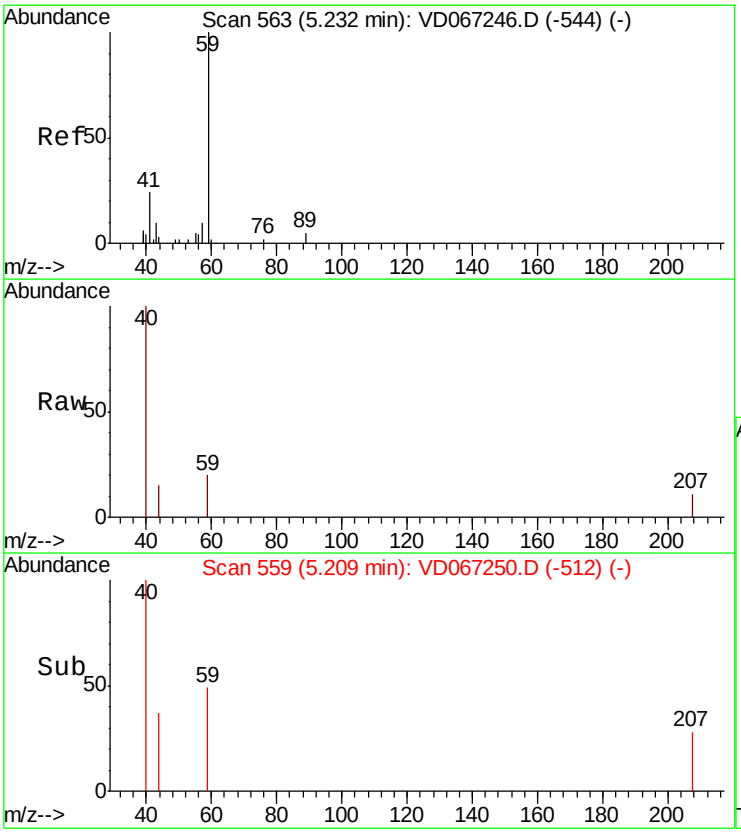
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.005 ug/l
RT: 4.10 min Scan# 370
Delta R.T. 0.00 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Instrument : MSVOA_D
ClientSampleId : VD1013SBL01

Tgt Ion:101 Resp: 3365

Ion	Ratio	Lower	Upper
101	100		
85	37.1	34.2	51.4
151	76.3	66.3	99.5

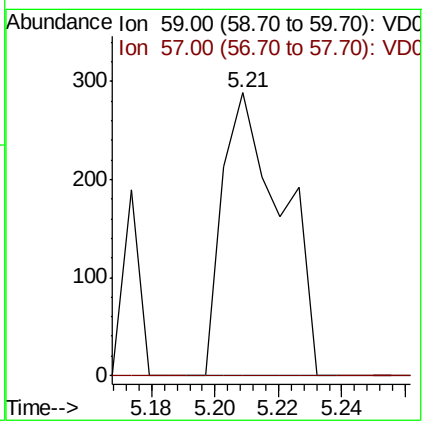


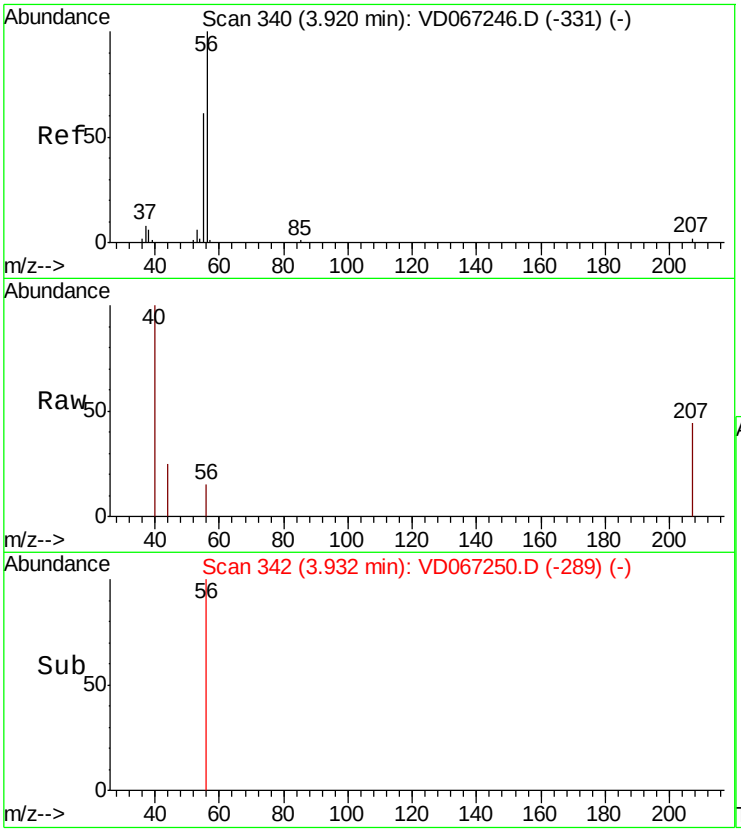


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.21 min Scan# 559
Delta R.T. -0.02 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Tgt Ion: 59 Resp: 373

Ion	Ratio	Lower	Upper
59	100		
57	0.0	5.1	7.7#



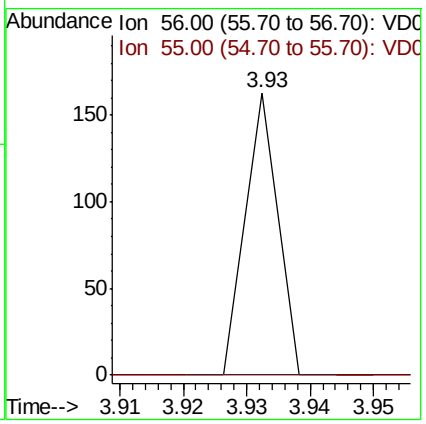


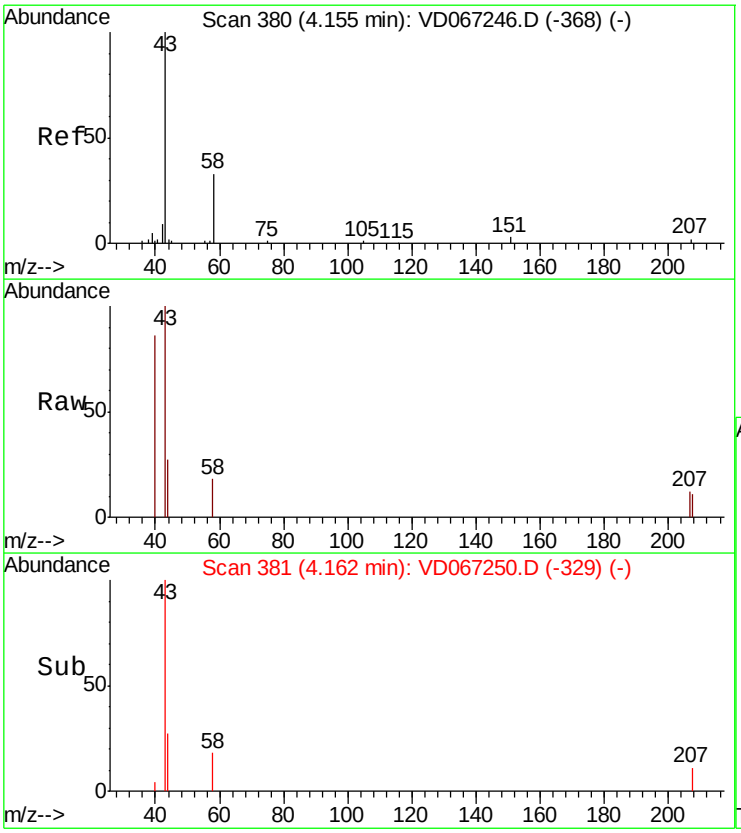
#13
Acrolein
Concen: 21.908 ug/l
RT: 3.93 min Scan# 342
Delta R.T. 0.01 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Instrument : MSVOA_D
ClientSampleId : VD1013SBL01

Tgt Ion: 56 Resp: 58

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.0	84.0#

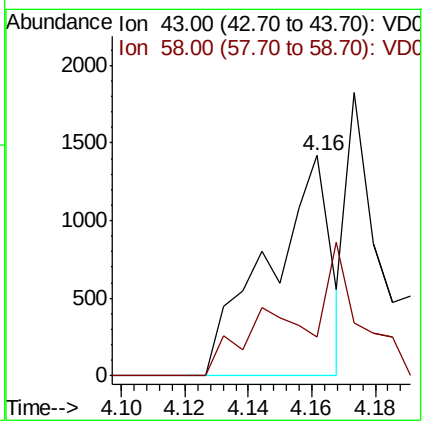


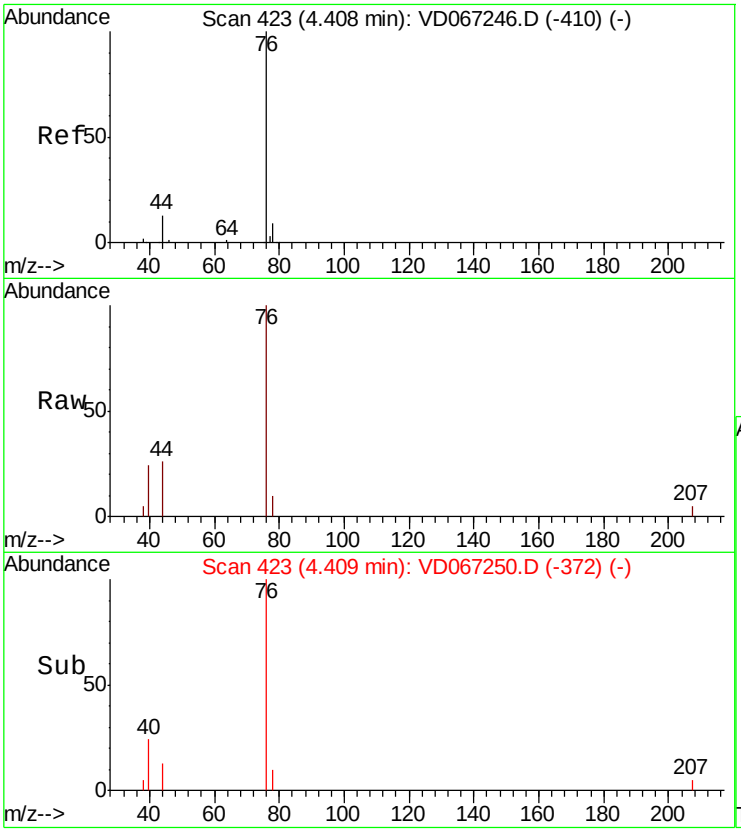


#16
Acetone
Concen: 3.784 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Tgt Ion: 43 Resp: 1925

Ion	Ratio	Lower	Upper
43	100		
58	17.7	26.1	39.1#



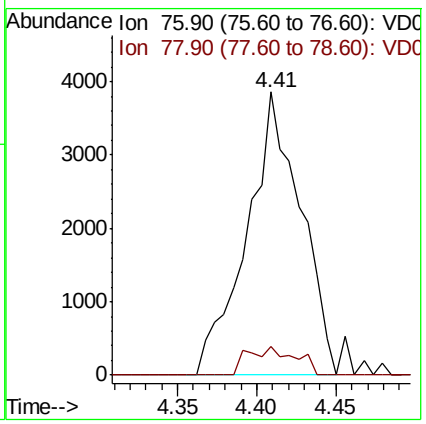


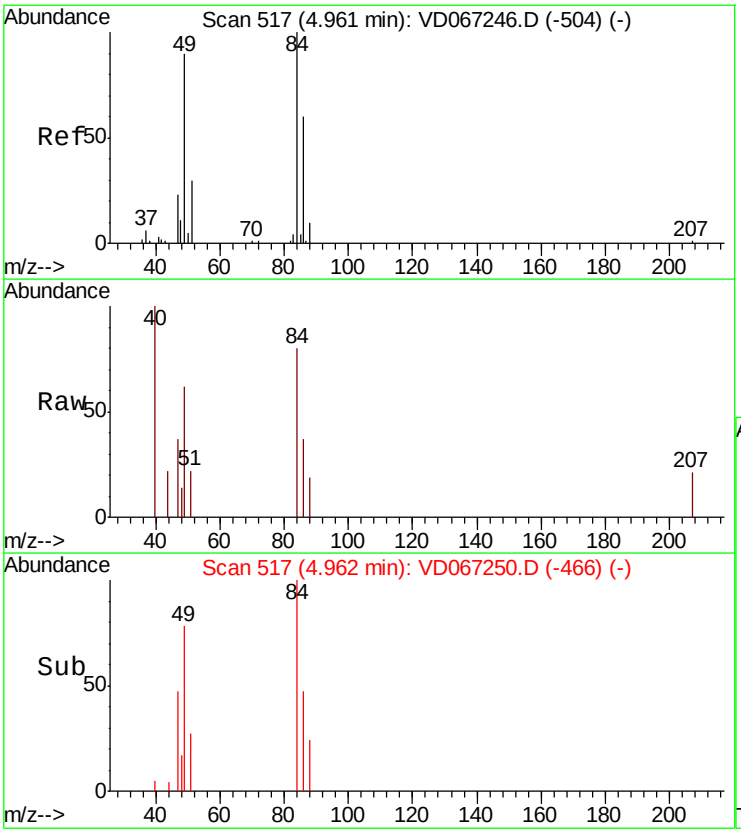
#17
Carbon Disulfide
Concen: 1.070 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
VD1013SBL01

Tgt Ion: 76 Resp: 9126

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.4	11.0

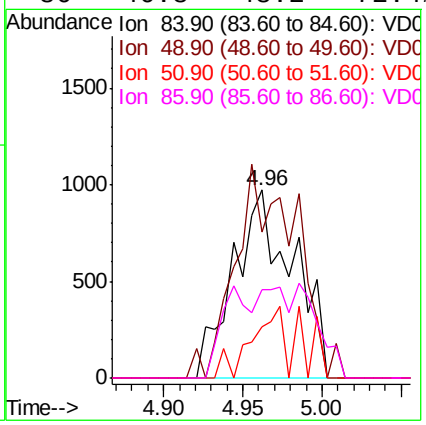


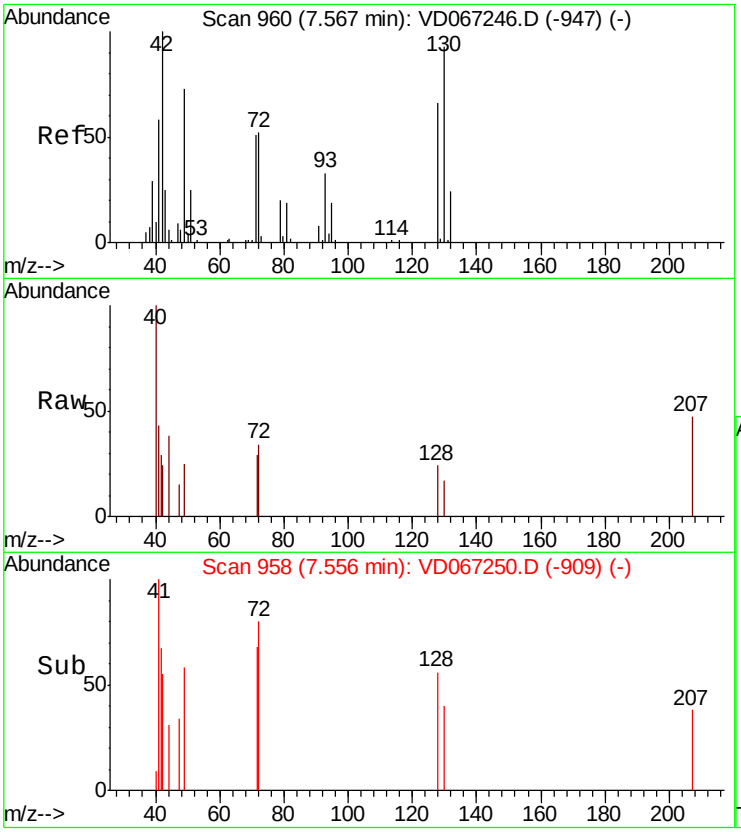


#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Tgt Ion: 84 Resp: 2542

Ion	Ratio	Lower	Upper
84	100		
49	77.8	72.2	108.2
51	27.3	23.8	35.8
86	46.8	48.2	72.4#



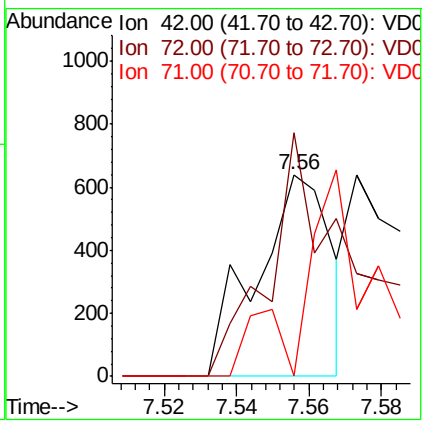


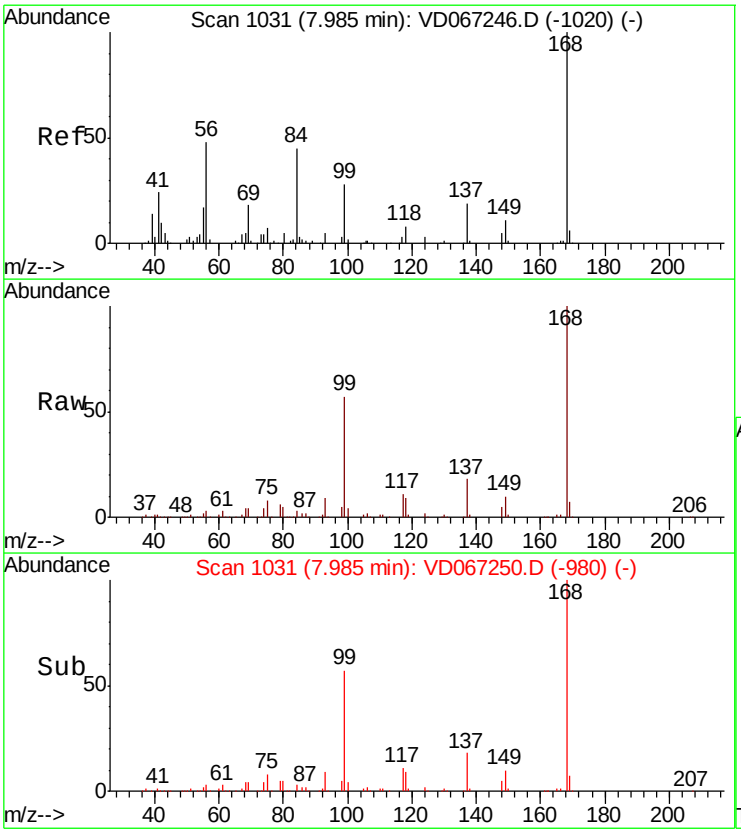
#29
Tetrahydrofuran
Concen: 2.829 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Instrument : MSVOA_D
ClientSampleId : VD1013SBL01

Tgt Ion: 42 Resp: 912

Ion	Ratio	Lower	Upper
42	100		
72	126.6	43.2	64.8#
71	87.4	39.4	59.0#

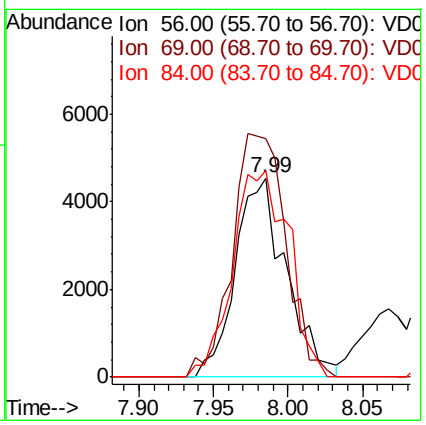


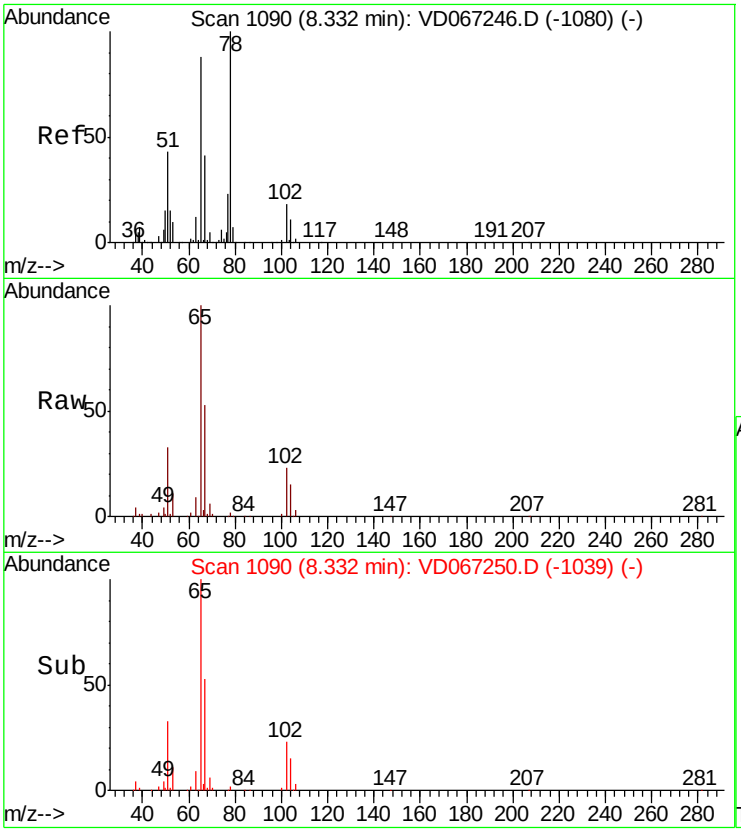


#31
Cyclohexane
Concen: 2.565 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Tgt Ion: 56 Resp: 10734

Ion	Ratio	Lower	Upper
56	100		
69	120.1	29.8	44.6#
84	103.7	76.6	114.8



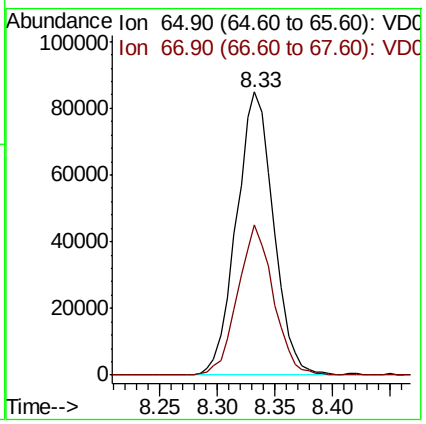


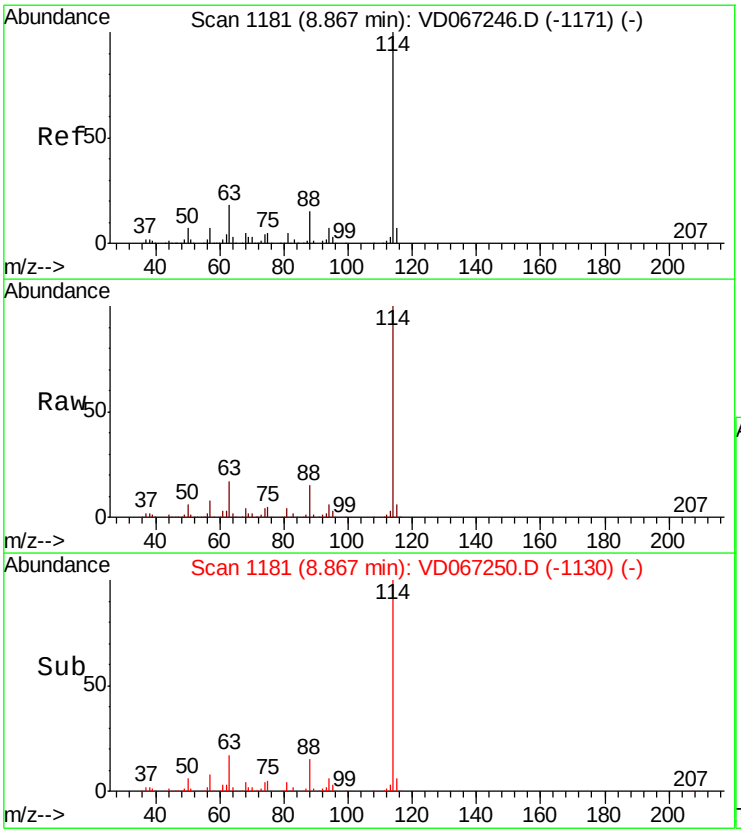
#33
1,2-Dichloroethane-d4
Concen: 52.231 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Instrument : MSVOA_D
ClientSampleId : VD1013SBL01

Tgt Ion: 65 Resp: 189748

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.8

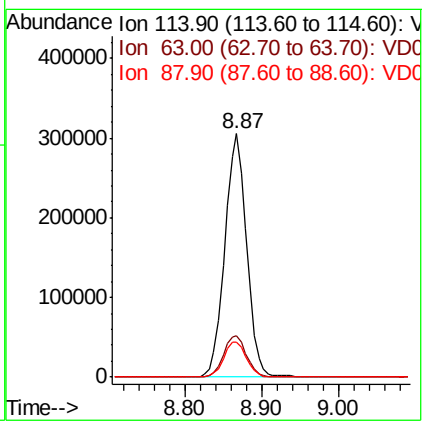


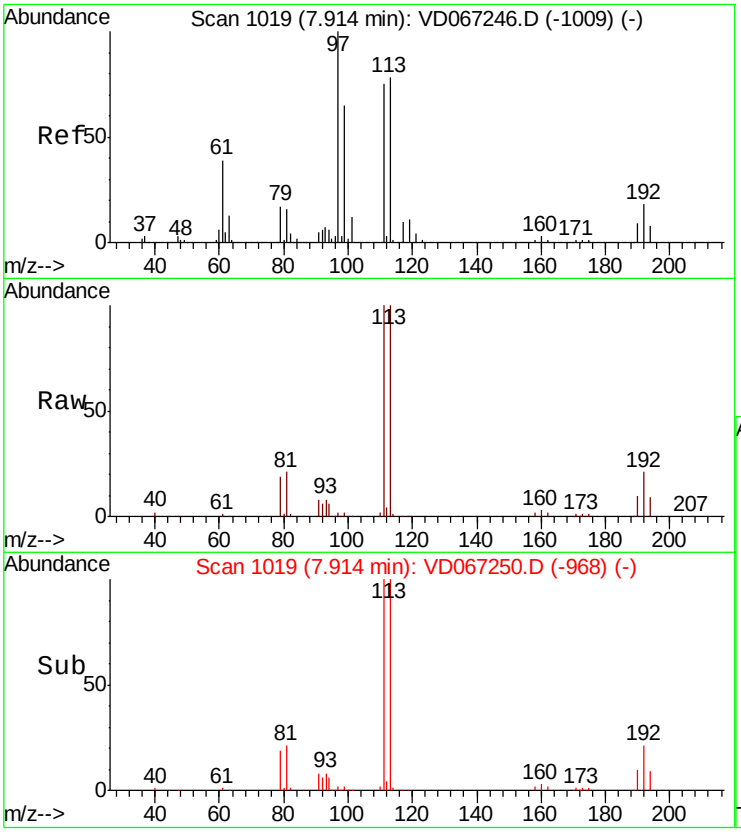


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Tgt Ion:114 Resp: 603610

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	35.0
88	14.5	0.0	30.6



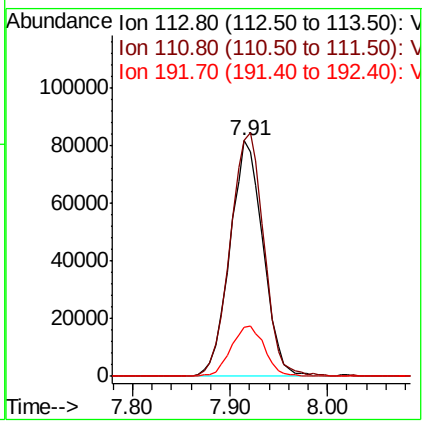


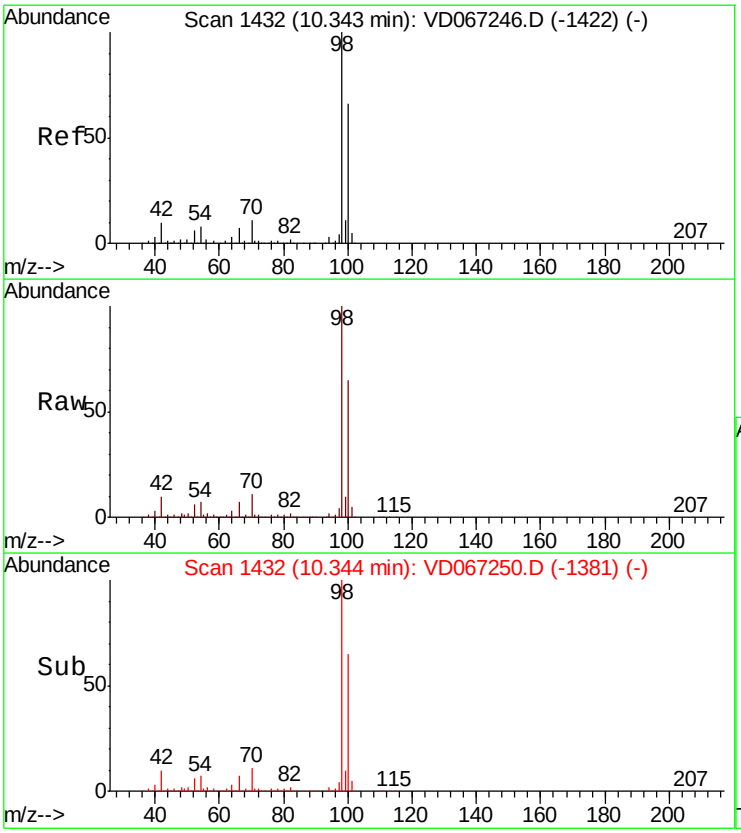
#35
Dibromofluoromethane
Concen: 48.197 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
VD1013SBL01

Tgt Ion:113 Resp: 193609

Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.6	122.4
192	21.5	17.0	25.4

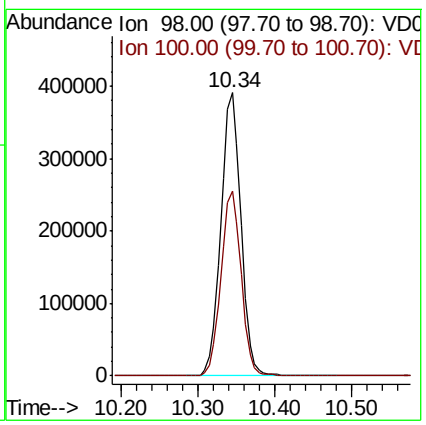


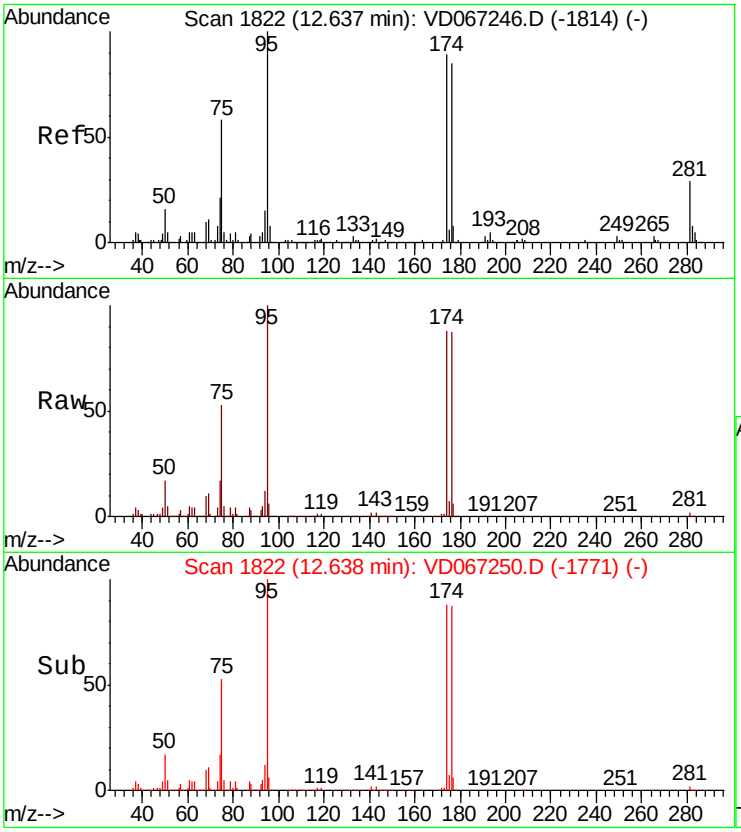


#50
Toluene-d8
Concen: 48.694 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Tgt Ion: 98 Resp: 707885

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7



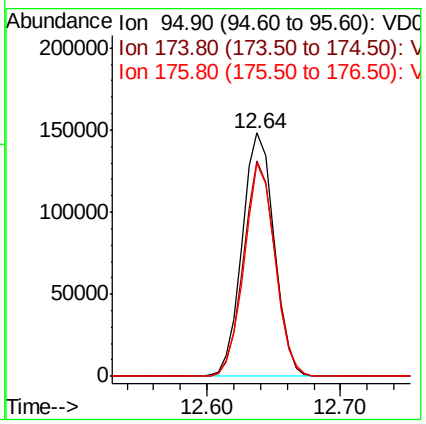


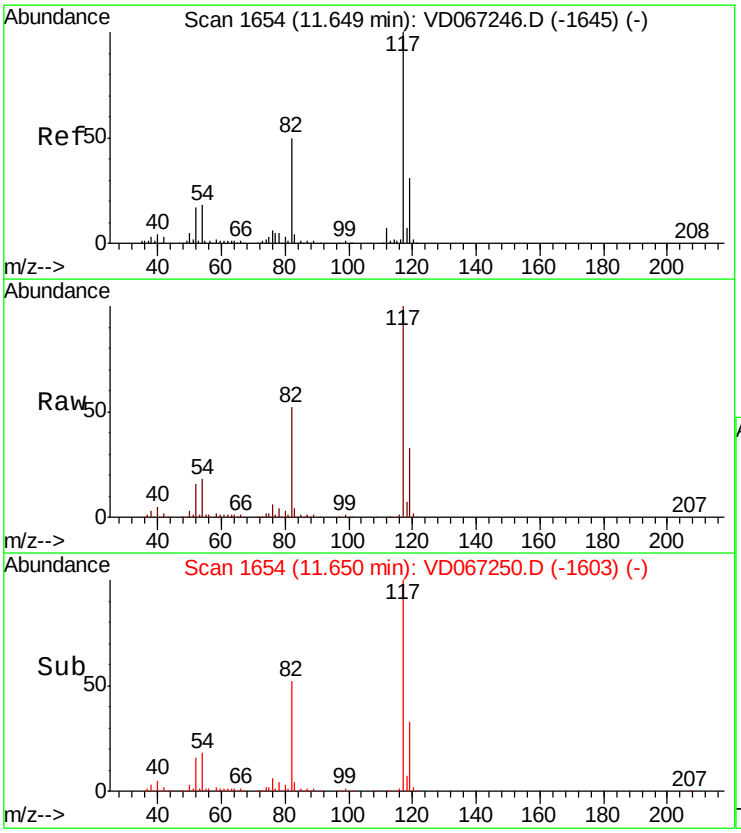
#62
4-Bromofluorobenzene
Concen: 48.410 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Instrument : MSVOA_D
ClientSampleId : VD1013SBL01

Tgt Ion: 95 Resp: 244708

Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	175.2
176	84.1	0.0	168.6

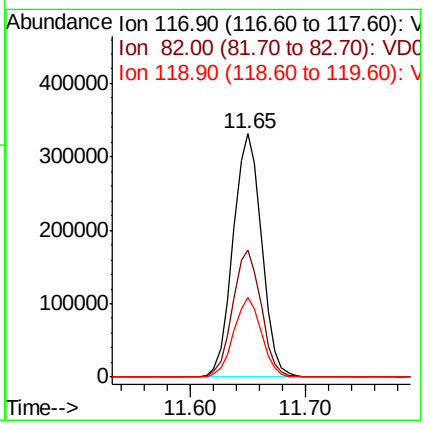


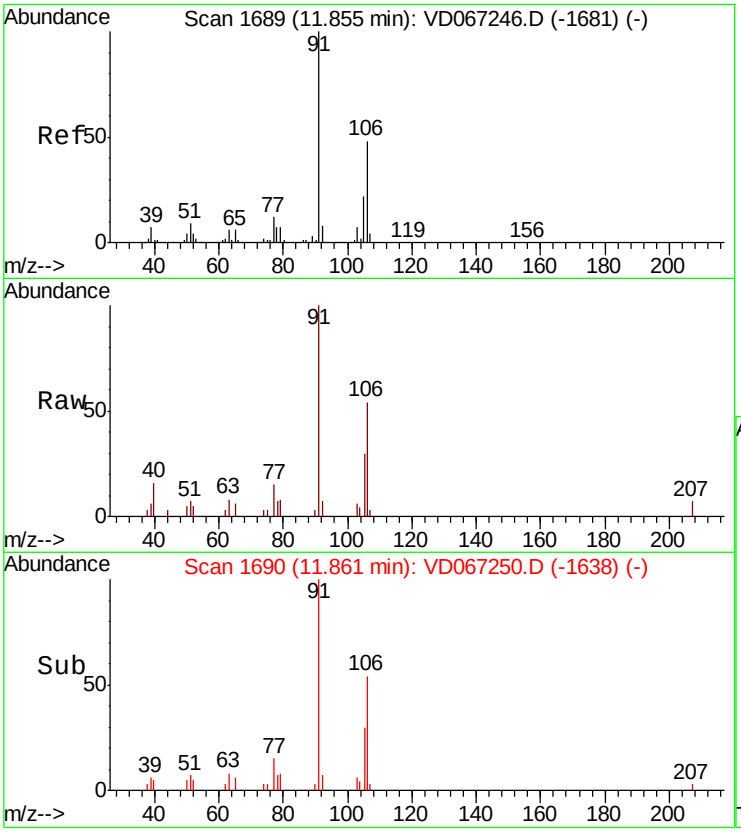


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Tgt Ion:117 Resp: 568629

Ion	Ratio	Lower	Upper
117	100		
82	52.2	39.9	59.9
119	33.0	24.9	37.3



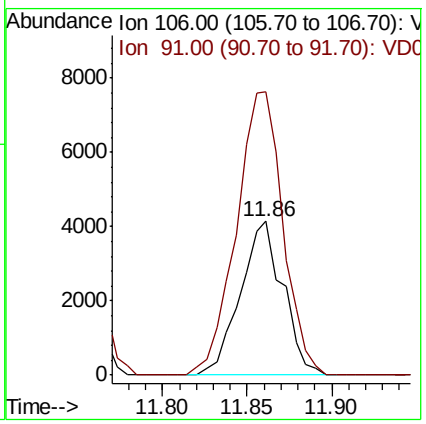


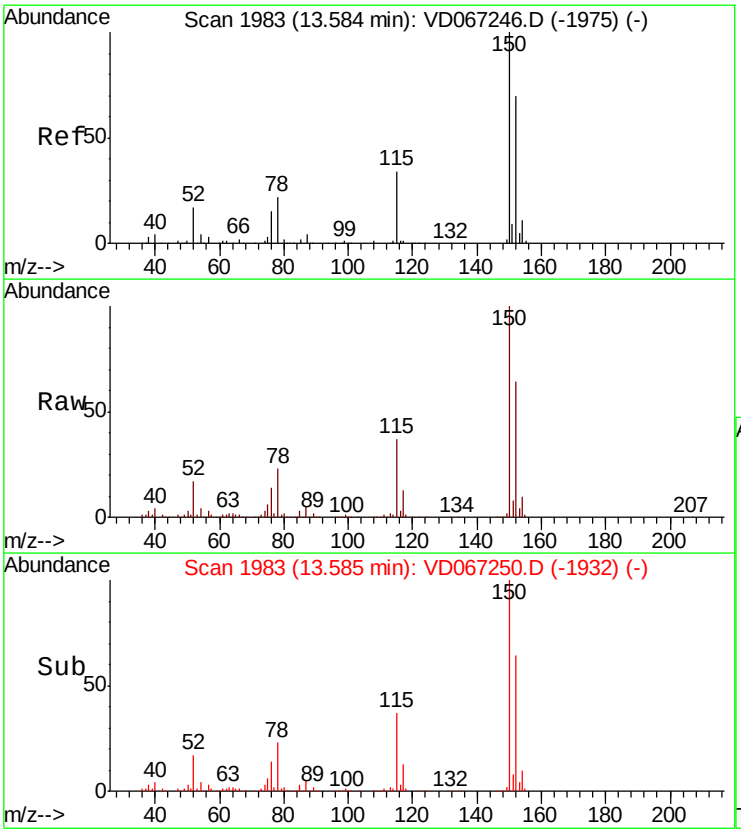
#68
m/p-Xylenes
Concen: 1.010 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
VD1013SBL01

Tgt Ion:106 Resp: 7270

Ion	Ratio	Lower	Upper
106	100		
91	201.3	163.8	245.8

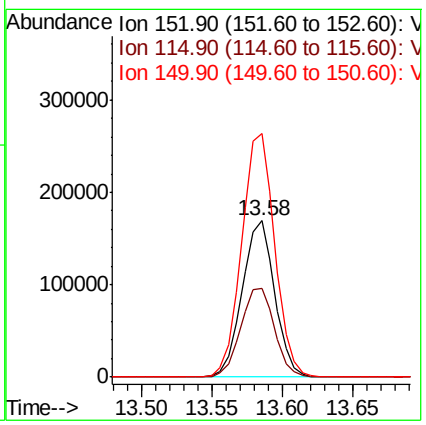


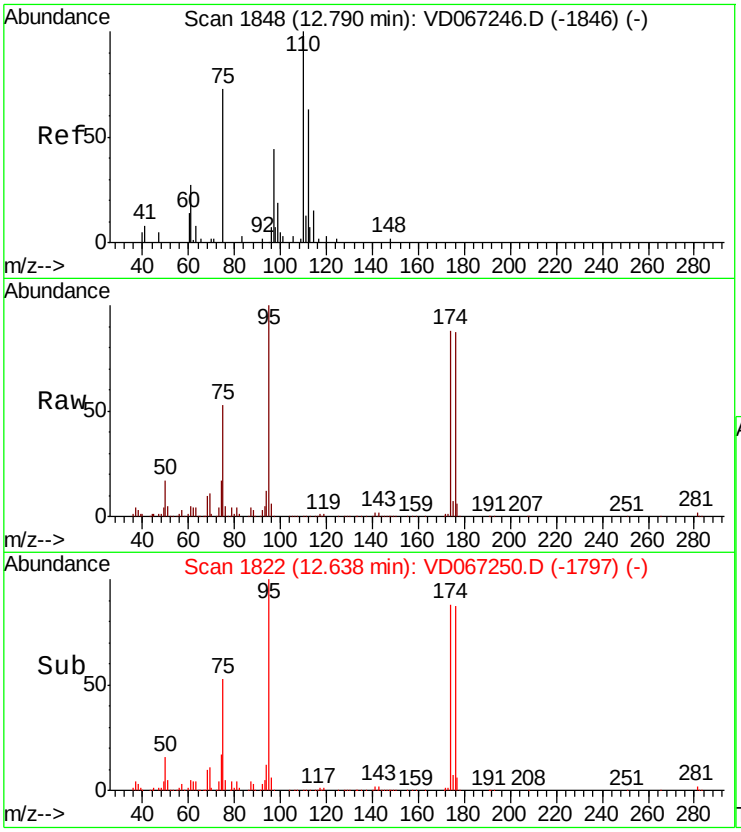


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Tgt Ion:152 Resp: 273185

Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.3	87.9
150	158.5	0.0	339.0



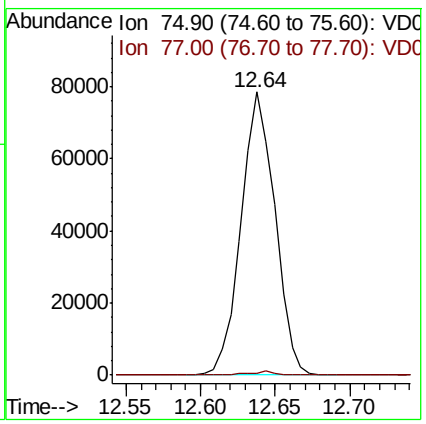


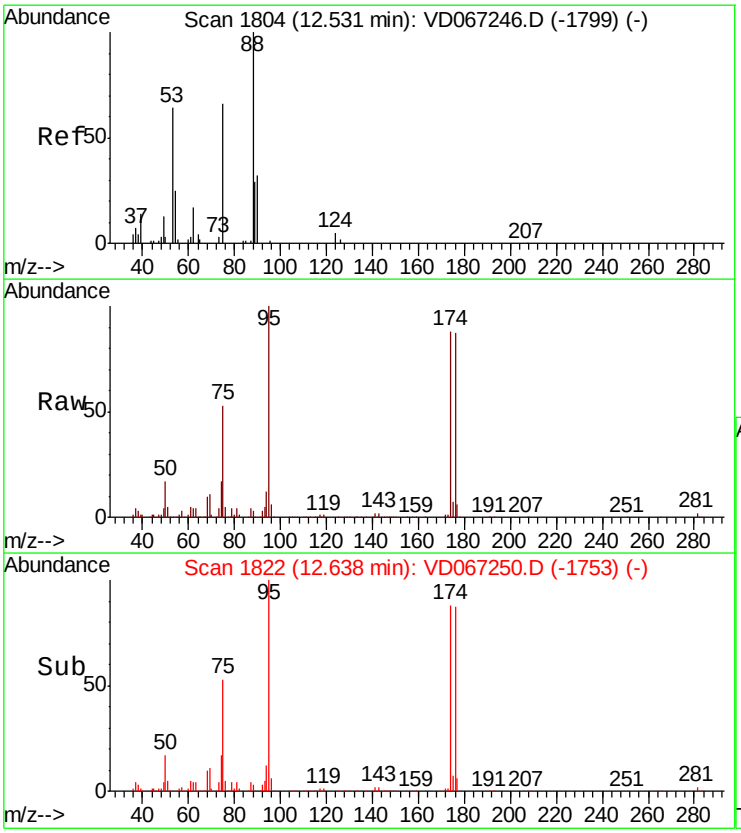
#76
1,2,3-Trichloropropane
Concen: 65.035 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
VD1013SBL01

Tgt Ion: 75 Resp: 123139

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 147.480 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD067250.D
Acq: 13 Oct 2020 14:13

Tgt Ion: 75 Resp: 123139

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.5	117.7#
89	0.1	39.9	59.9#