Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102720\
Data File : VD067404.D
Acq On : 27 Oct 2020 11:48
Operator : VA/SY
Sample : VD1027SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD1027SBL01

Quant Time: Oct 28 00:43:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	318774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	542146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	530925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	261260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	172038	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.74%			
35) Dibromofluoromethane	7.91	113	171436	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.04%			
50) Toluene-d8	10.34	98	635930	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.40%			
62) 4-Bromofluorobenzene	12.64	95	228800	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	1523	Below Cal		93
5) Bromomethane	2.78	94	991	Below Cal	#	66
11) Tert butyl alcohol	5.23	59	130	Below Cal	#	81
13) Acrolein	3.92	56	173	22.492	ug/l #	15
16) Acetone	4.16	43	1539	3.441	ug/l	91
20) Methylene Chloride	4.94	84	1398	Below Cal	#	73
25) 2-Butanone	7.21	43	954	1.871	ug/l #	45
31) Cyclohexane	7.99	56	7553	2.053	ug/l #	33
48) Methyl methacrylate	9.37	41	1716	1.316	ug/l #	11
51) 4-Methyl-2-Pentanone	10.24	43	2183	1.632	ug/l	91
76) 1,2,3-Trichloropropane	12.64	75	118241	65.298	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	118241	148.077	ug/l #	10

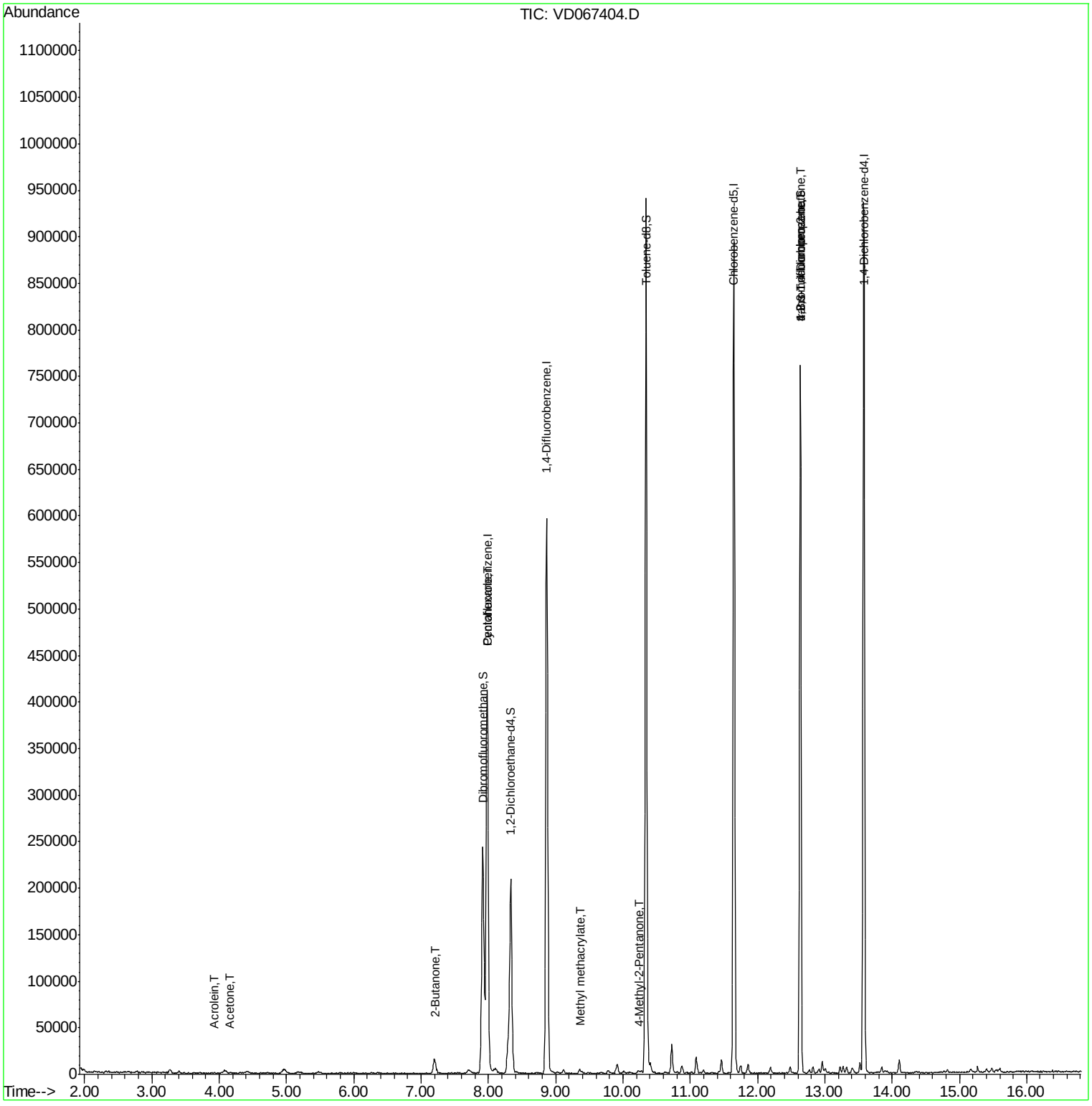
(#) = qualifier out of range (m) = manual integration (+) = signals summed

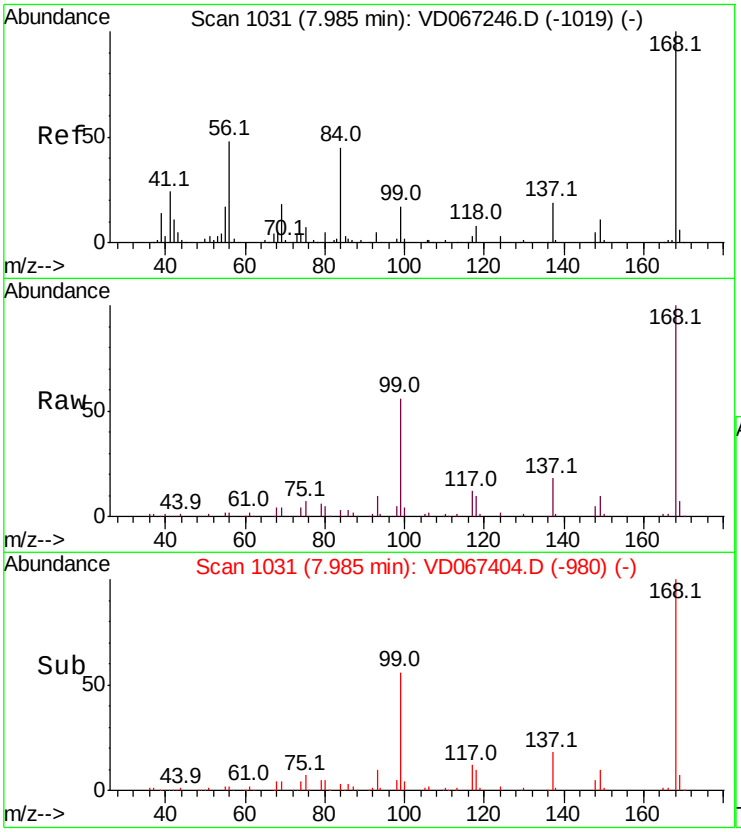
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
Data File : VD067404.D
Acq On : 27 Oct 2020 11:48
Operator : VA/SY
Sample : VD1027SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1027SBL01

Quant Time: Oct 28 00:43:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration



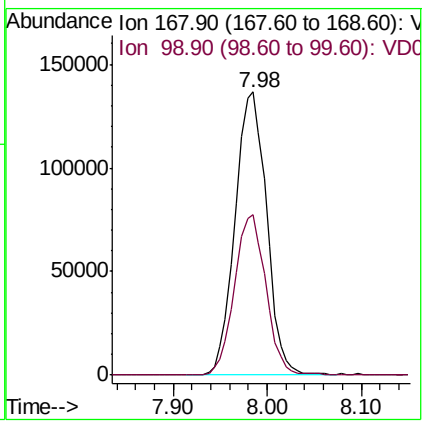


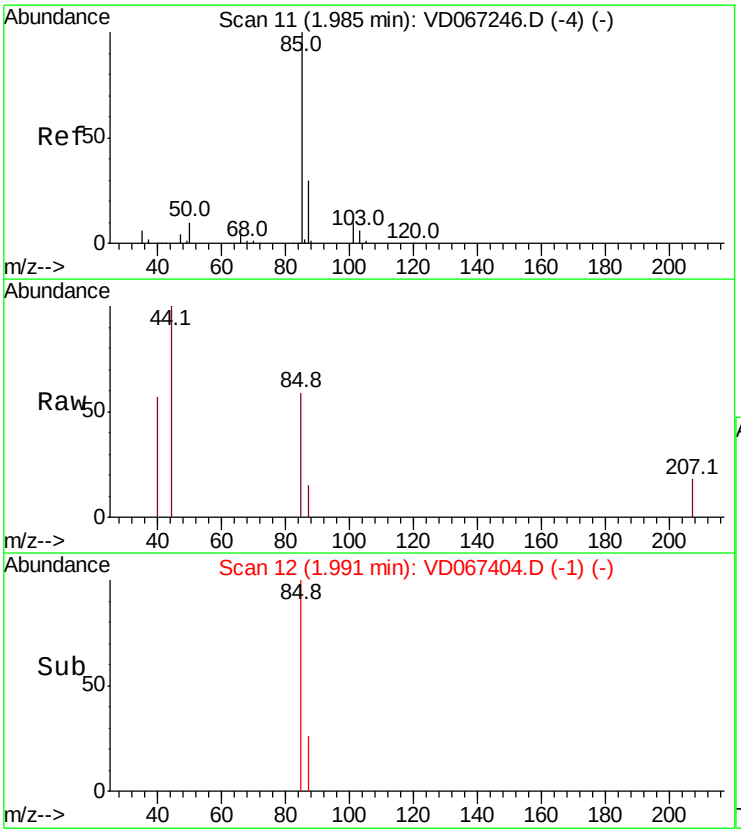
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD1027SBL01

Tgt Ion:168 Resp: 318774

Ion	Ratio	Lower	Upper
168	100		
99	56.3	45.9	68.9

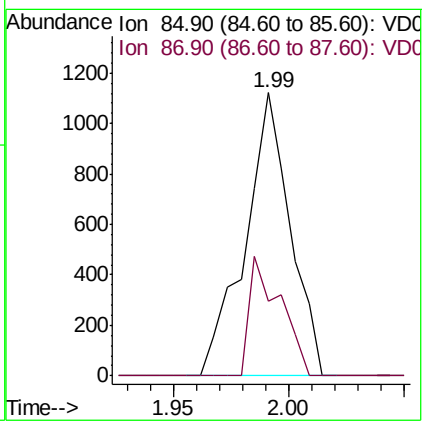


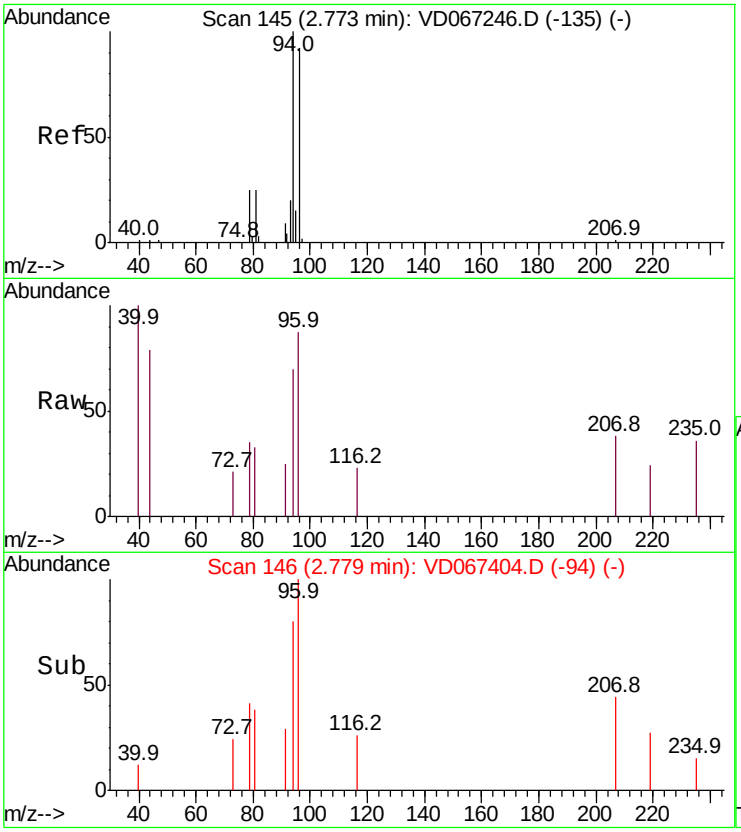


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.99 min Scan# 12
Delta R.T. 0.01 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Tgt Ion: 85 Resp: 1523

Ion	Ratio	Lower	Upper
85	100		
87	26.4	15.2	45.6



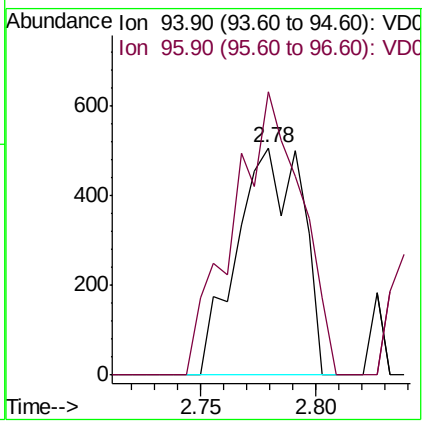


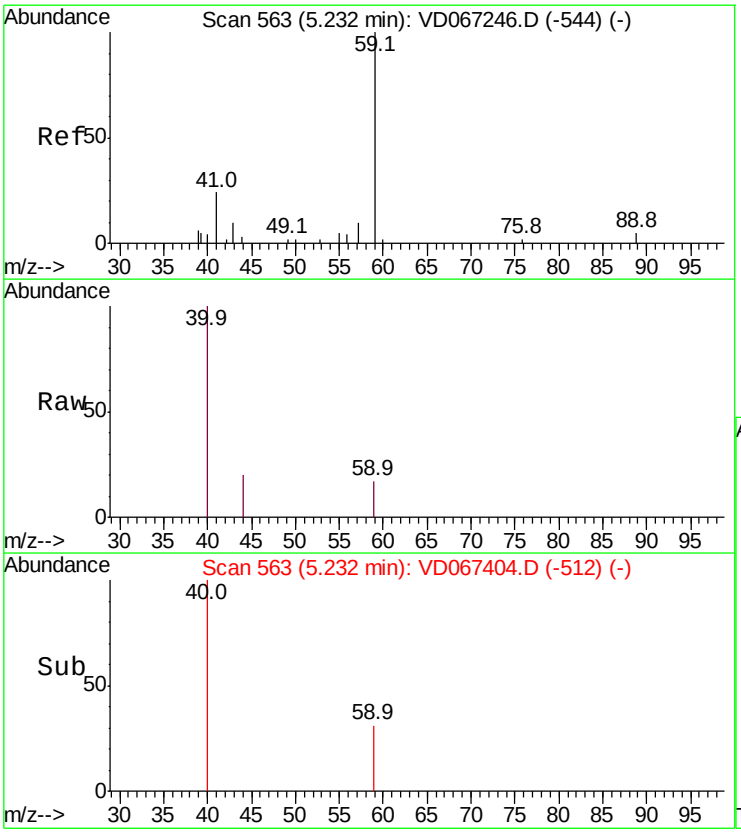
#5
Bromomethane
Concen: Below Cal
RT: 2.78 min Scan# 146
Delta R.T. 0.01 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD1027SBL01

Tgt Ion: 94 Resp: 991

Ion	Ratio	Lower	Upper
94	100		
96	124.7	73.8	110.6#

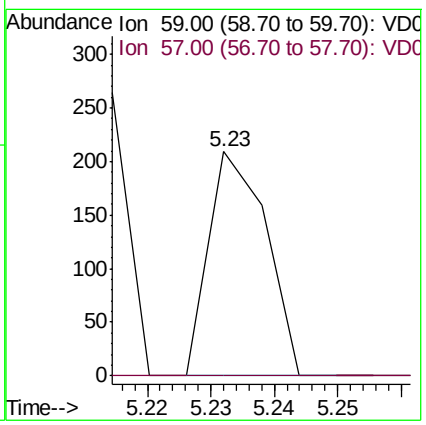


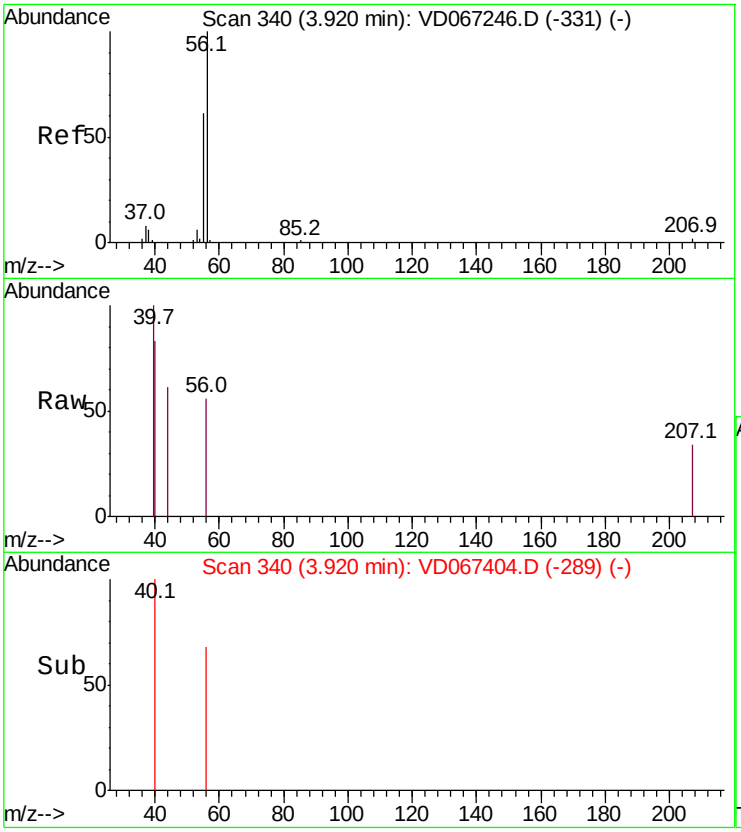


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.23 min Scan# 563
Delta R.T. 0.00 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Tgt Ion: 59 Resp: 130

Ion	Ratio	Lower	Upper
59	100		
57	0.0	5.1	7.7#



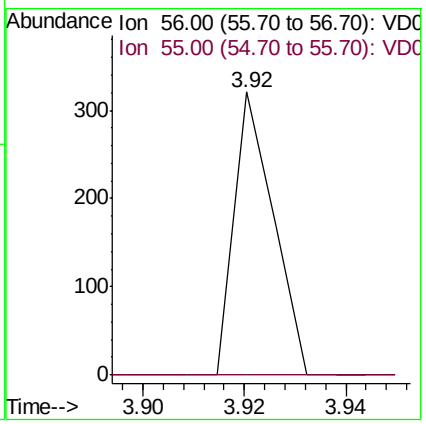


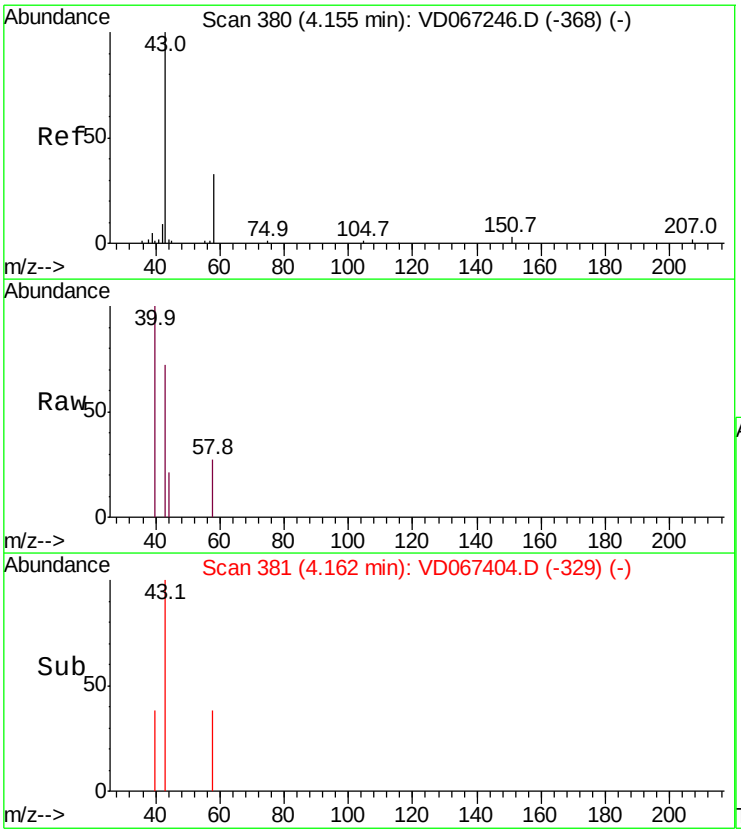
#13
Acrolein
Concen: 22.492 ug/l
RT: 3.92 min Scan# 340
Delta R.T. 0.00 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD1027SBL01

Tgt Ion: 56 Resp: 173

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.0	84.0#

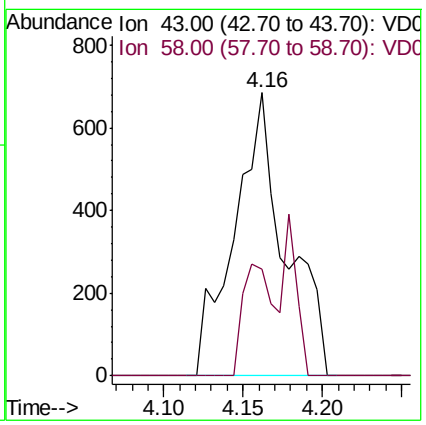


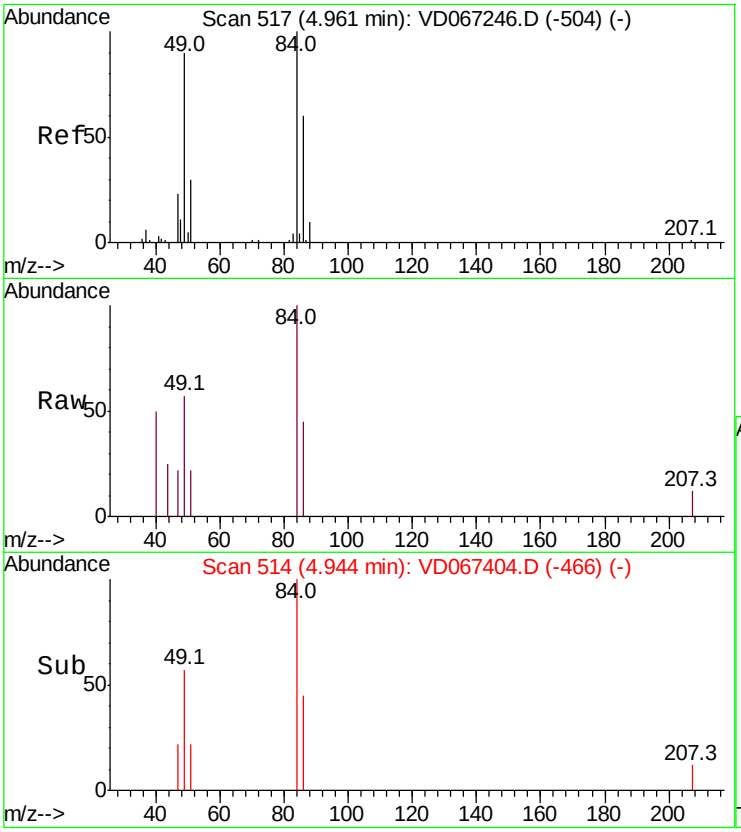


#16
Acetone
Concen: 3.441 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Tgt Ion: 43 Resp: 1539

Ion	Ratio	Lower	Upper
43	100		
58	37.5	26.1	39.1



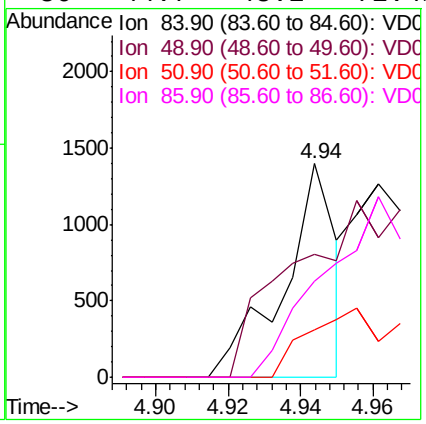


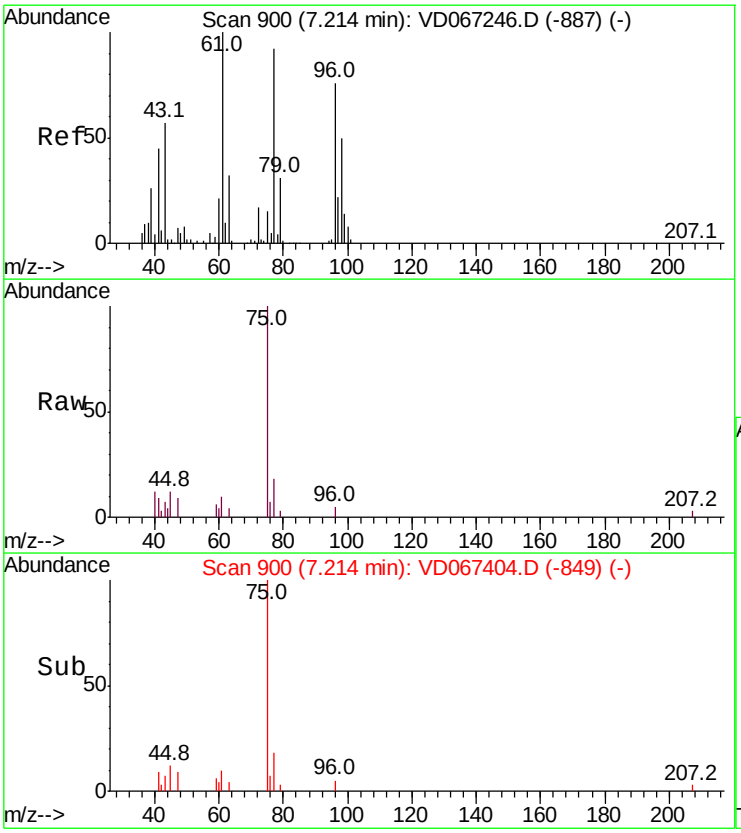
#20
Methylene Chloride
Concen: Below Cal
RT: 4.94 min Scan# 514
Delta R.T. -0.02 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Instrument : MSVOA_D
ClientSampleId : VD1027SBL01

Tgt Ion: 84 Resp: 1398

Ion	Ratio	Lower	Upper
84	100		
49	57.4	72.2	108.2#
51	22.2	23.8	35.8#
86	44.7	48.2	72.4#

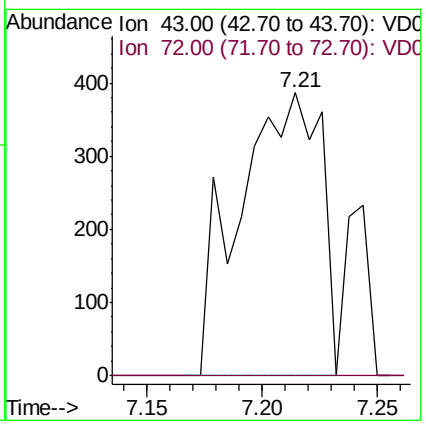


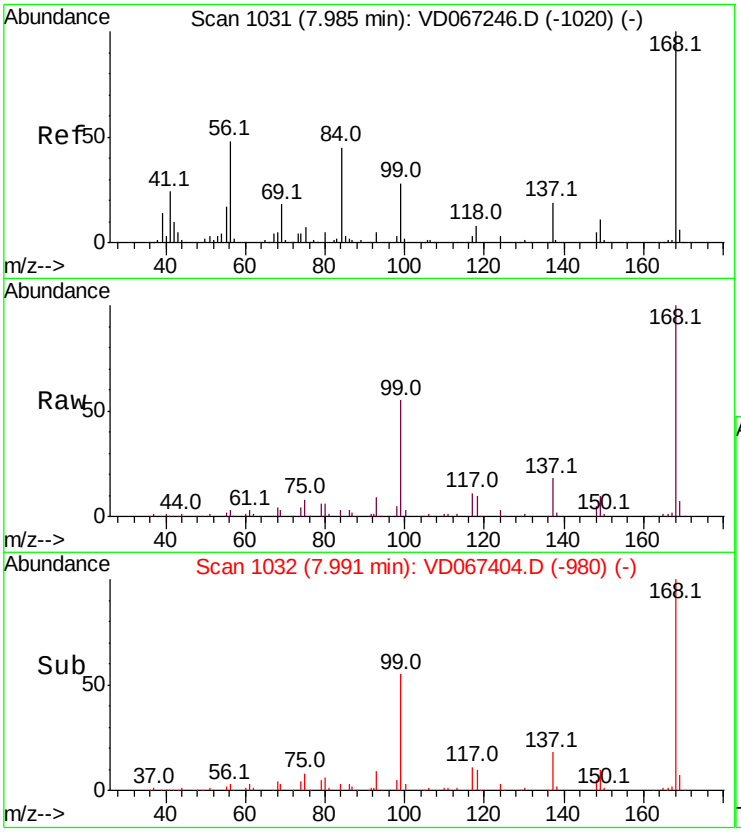


#25
2-Butanone
Concen: 1.871 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Tgt Ion: 43 Resp: 954

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#



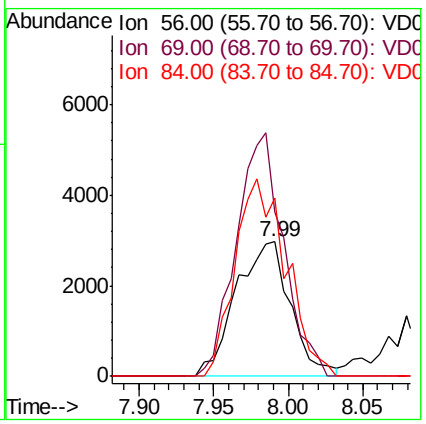


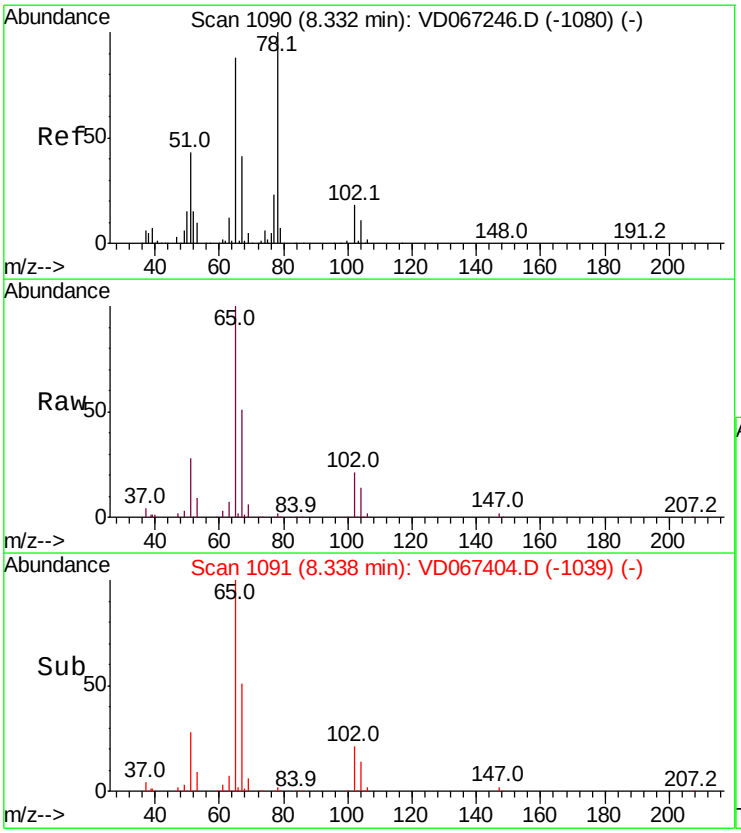
#31
Cyclohexane
Concen: 2.053 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Instrument : MSVOA_D
ClientSampleId : VD1027SBL01

Tgt Ion: 56 Resp: 7553

Ion	Ratio	Lower	Upper
56	100		
69	121.8	29.8	44.6#
84	132.2	76.6	114.8#

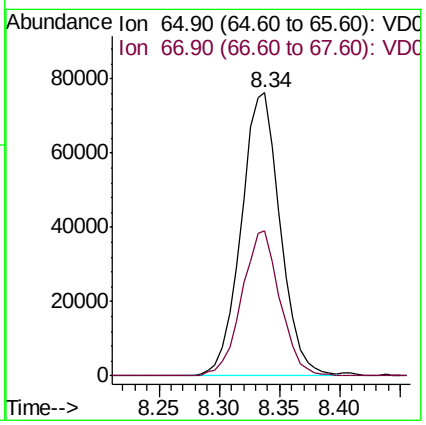


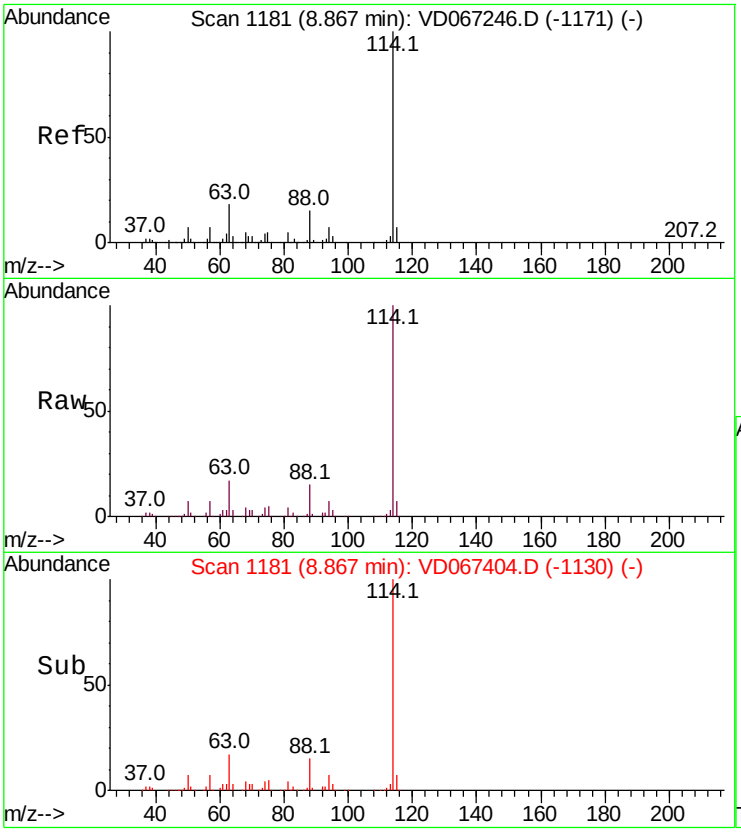


#33
1,2-Dichloroethane-d4
Concen: 53.869 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Tgt Ion: 65 Resp: 172038

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	103.8



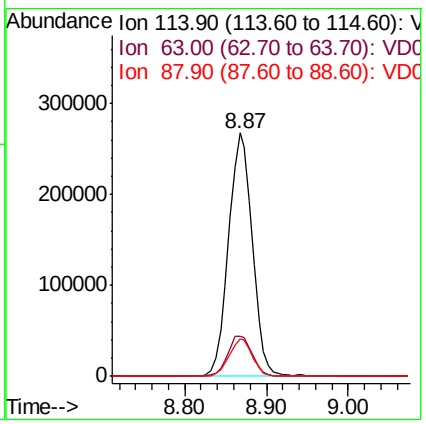


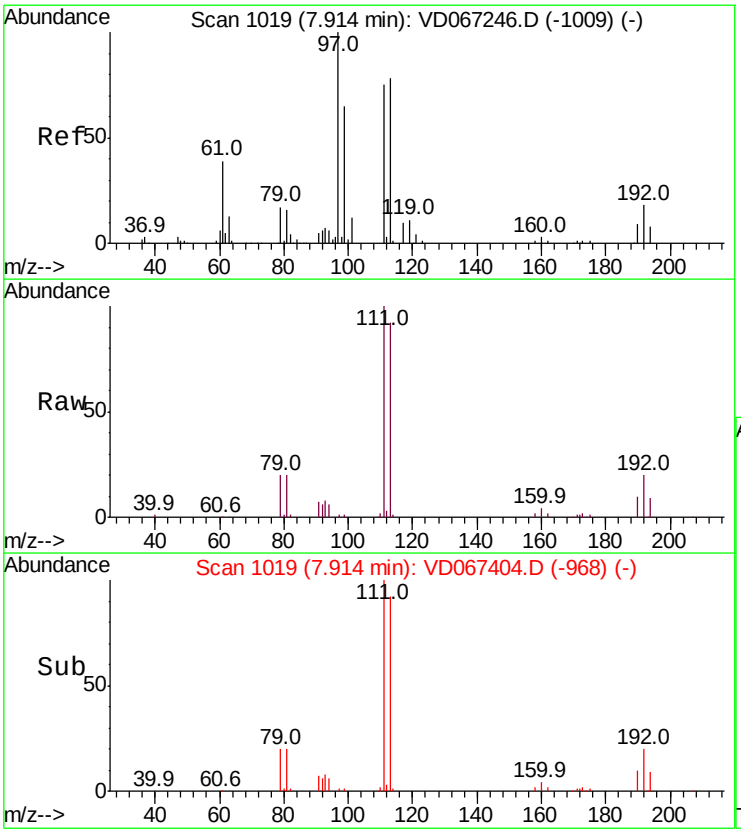
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Instrument : MSVOA_D
ClientSampleId : VD1027SBL01

Tgt Ion:114 Resp: 542146

Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	35.0
88	15.4	0.0	30.6

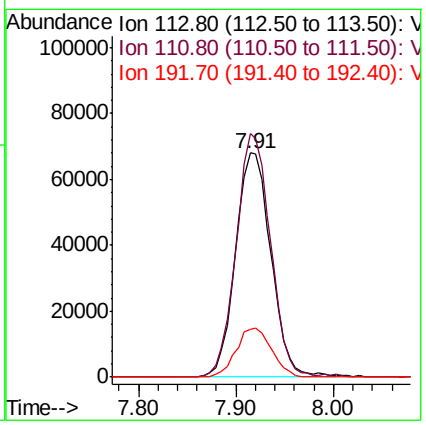


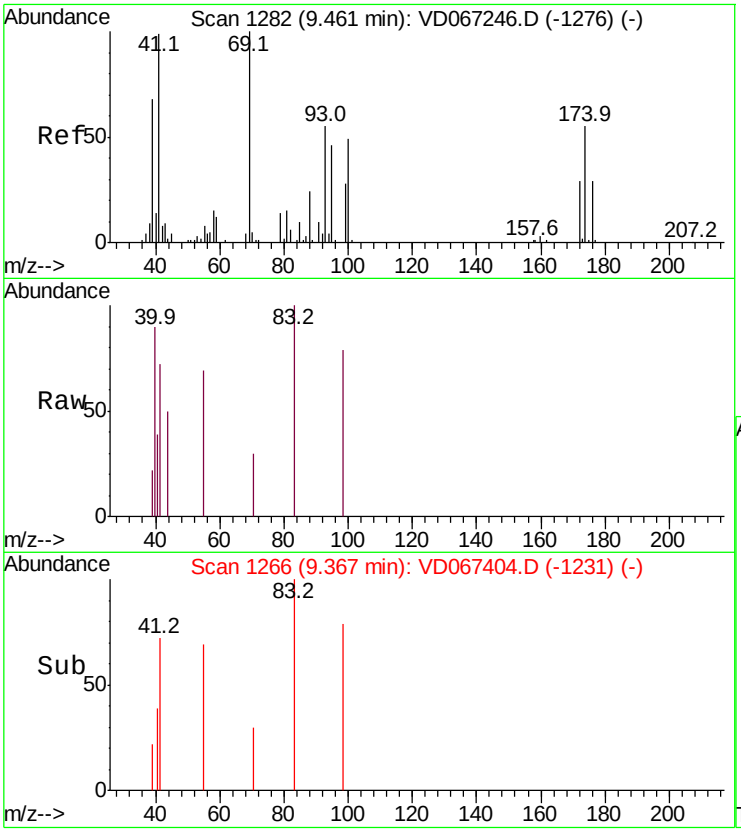


#35
Dibromofluoromethane
Concen: 47.516 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Tgt Ion:113 Resp: 171436

Ion	Ratio	Lower	Upper
113	100		
111	105.1	81.6	122.4
192	21.9	17.0	25.4



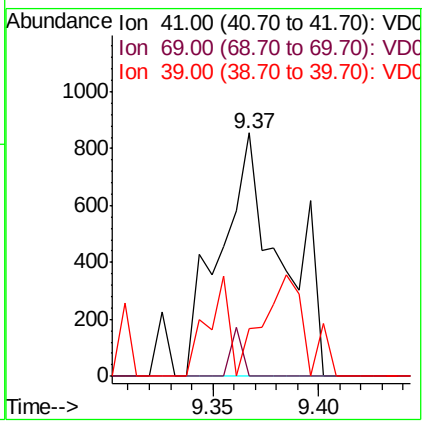


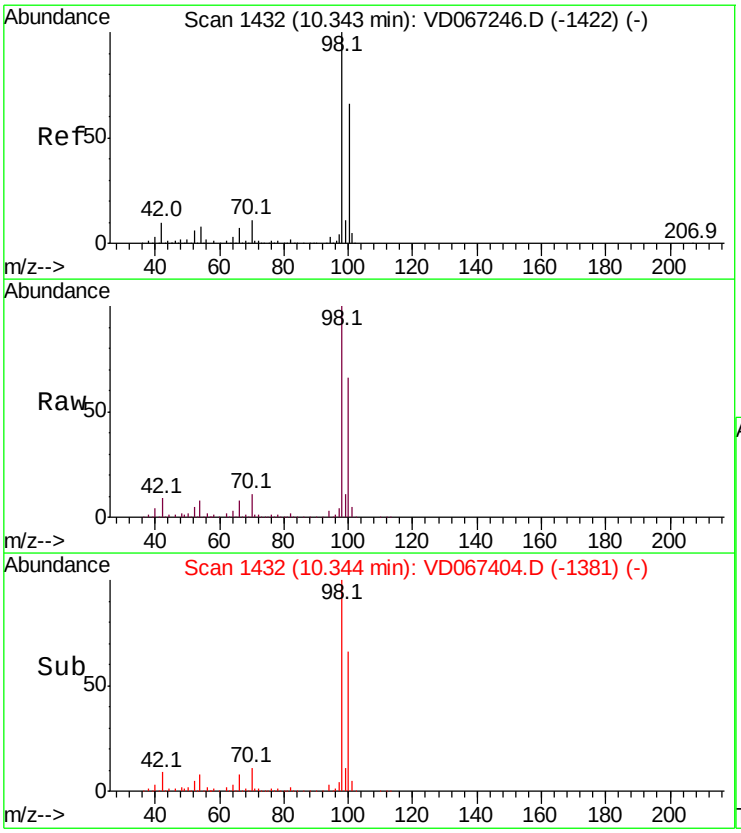
#48
Methyl methacrylate
Concen: 1.316 ug/l
RT: 9.37 min Scan# 1266
Delta R.T. -0.09 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Instrument : MSVOA_D
ClientSampleId : VD1027SBL01

Tgt Ion: 41 Resp: 1716

Ion	Ratio	Lower	Upper
41	100		
69	3.6	89.0	133.6#
39	14.7	60.2	90.2#

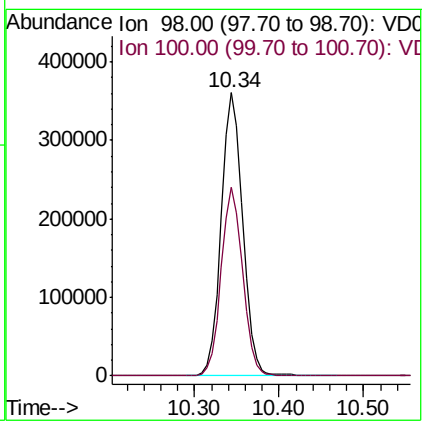


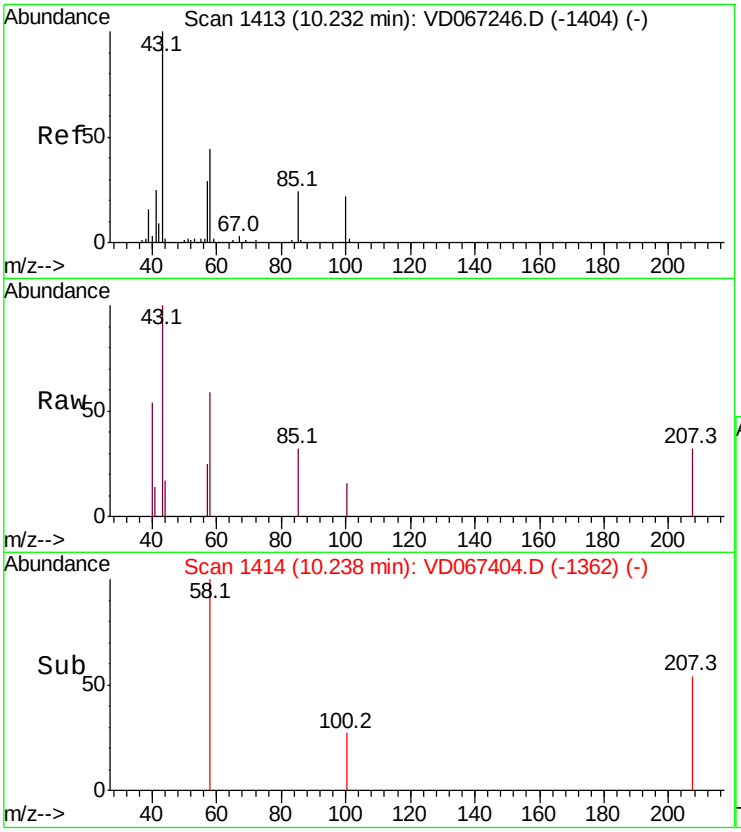


#50
Toluene-d8
Concen: 48.704 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Tgt Ion: 98 Resp: 635930

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.1	79.7



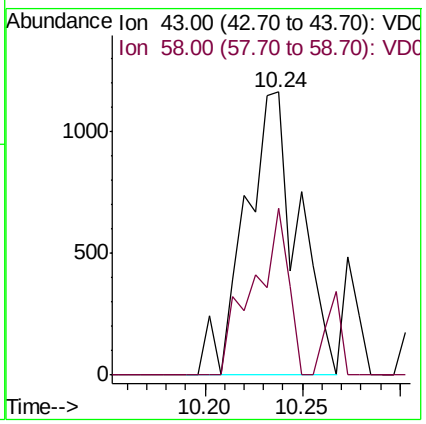


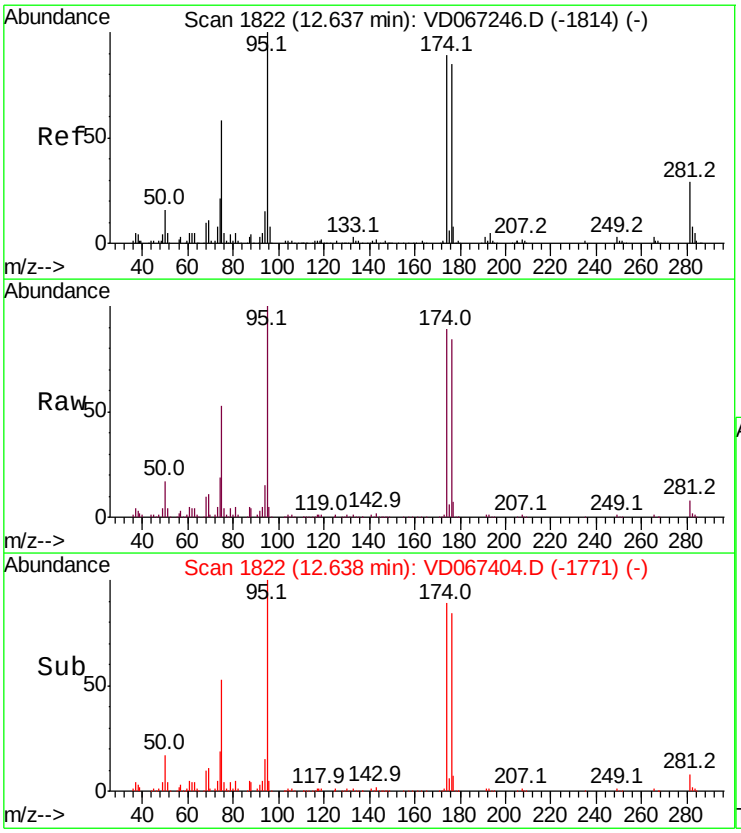
#51
4-Methyl-2-Pentanone
Concen: 1.632 ug/l
RT: 10.24 min Scan# 1414
Delta R.T. 0.01 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD1027SBL01

Tgt Ion: 43 Resp: 2183

Ion	Ratio	Lower	Upper
43	100		
58	38.8	35.7	53.5

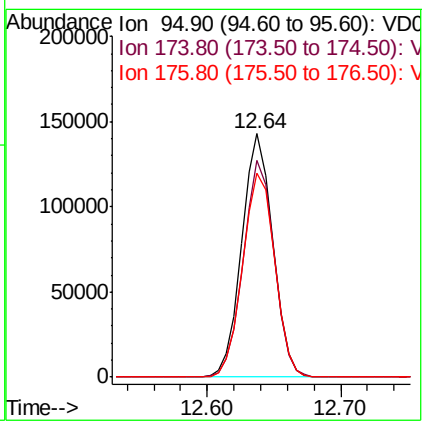


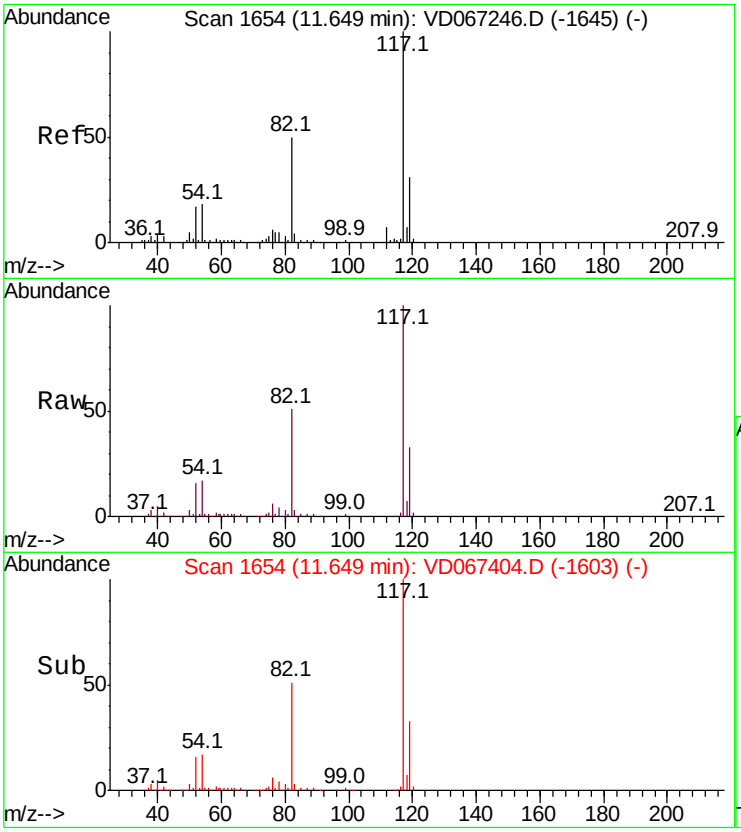


#62
4-Bromofluorobenzene
Concen: 50.394 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Tgt Ion: 95 Resp: 228800

Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	175.2
176	86.3	0.0	168.6



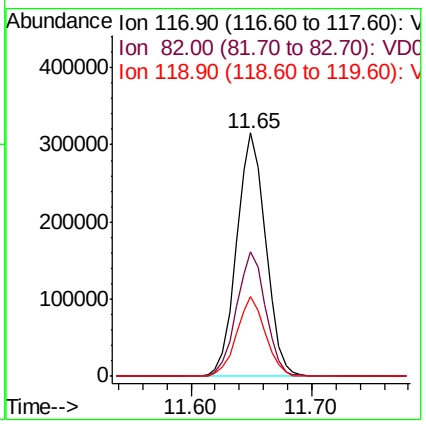


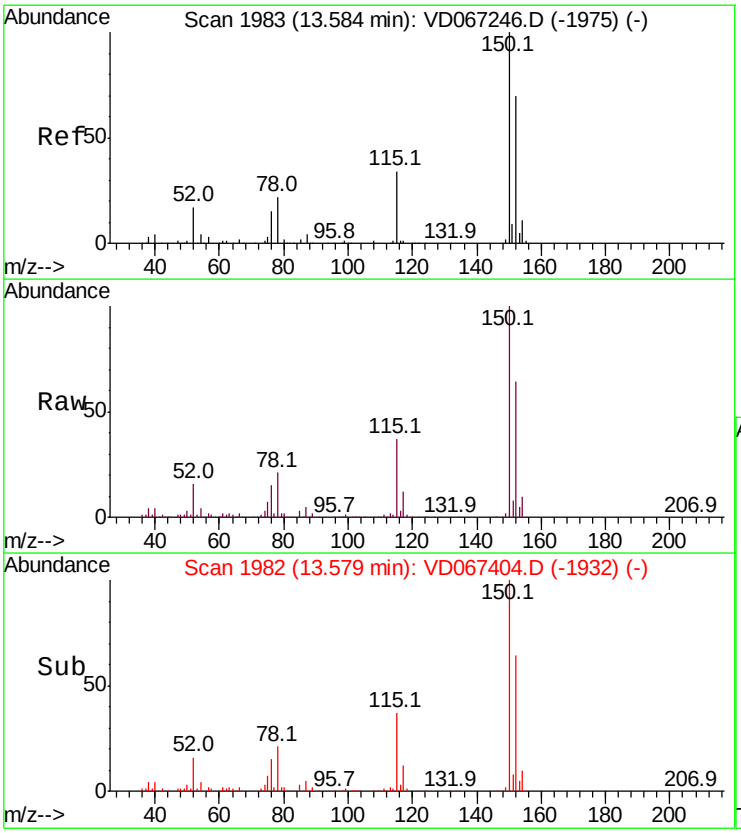
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD1027SBL01

Tgt Ion:117 Resp: 530925

Ion	Ratio	Lower	Upper
117	100		
82	50.9	39.9	59.9
119	33.0	24.9	37.3

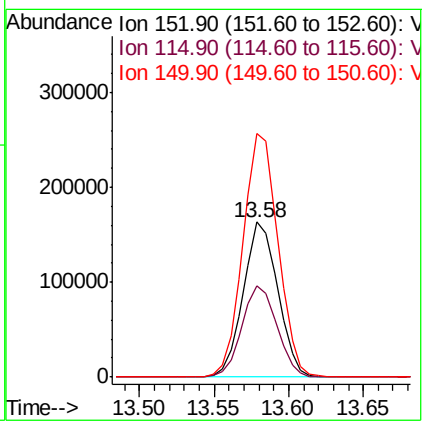


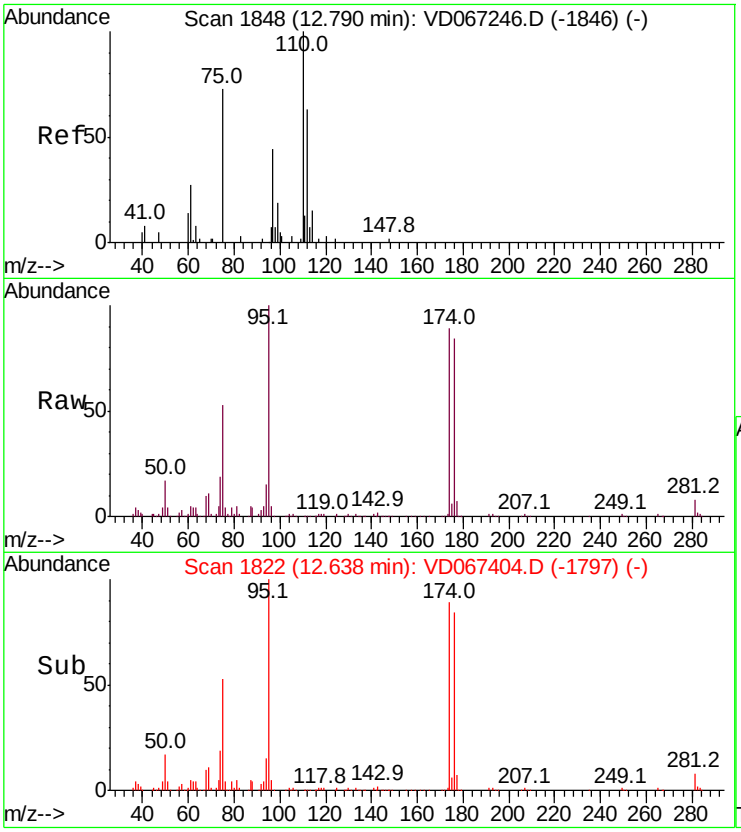


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Tgt Ion:152 Resp: 261260

Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.3	87.9
150	159.6	0.0	339.0



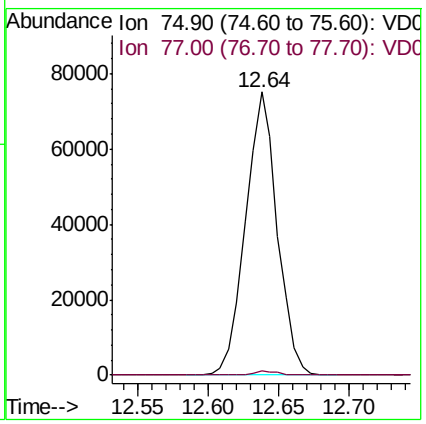


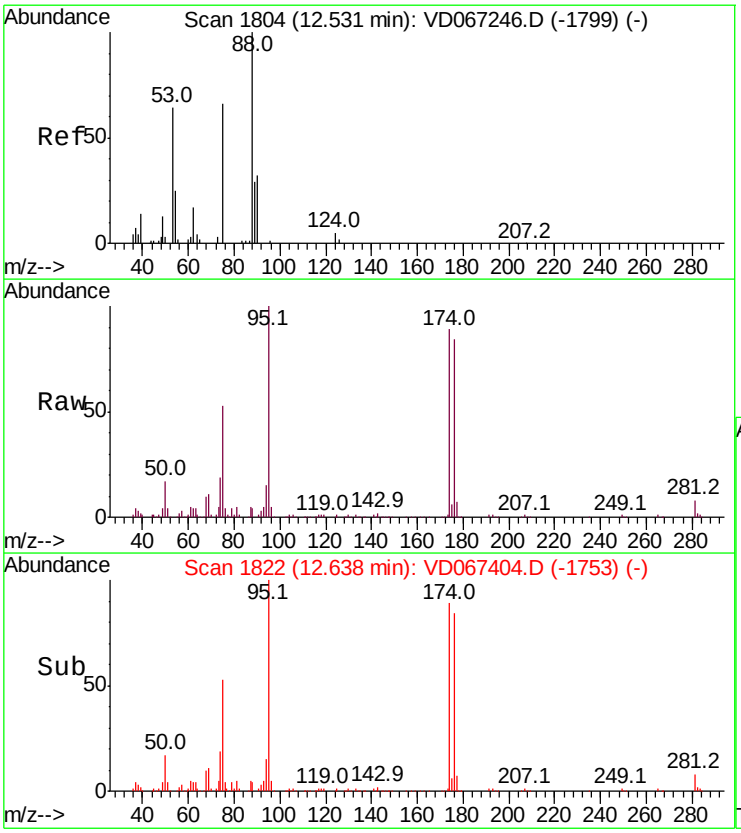
#76
1,2,3-Trichloropropane
Concen: 65.298 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Instrument :
MSVOA_D
ClientSampleId :
VD1027SBL01

Tgt Ion: 75 Resp: 118241

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 148.077 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD067404.D
Acq: 27 Oct 2020 11:48

Tgt Ion: 75 Resp: 118241

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.5	117.7#
89	0.0	39.9	59.9#