Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031620\

Quantitation Report (Not Reviewed)

Data File : VD065510.D
Acq On : 16 Mar 2020 13:25
Operator : VA/SY
Sample : VD0316SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0316SBL01

Quant Time: Mar 17 07:25:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	605639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	985061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	919830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	427949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	287361	55.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.62%			
35) Dibromofluoromethane	7.92	113	311171	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.16%			
50) Toluene-d8	10.34	98	1182705	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.22%			
62) 4-Bromofluorobenzene	12.64	95	376433	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.36%			
Target Compounds						Qvalue
5) Bromomethane	2.79	94	2574	Below Cal		95
11) Tert butyl alcohol	5.17	59	1384	4.644	ug/l #	76
16) Acetone	4.16	43	4952	4.713	ug/l	95
20) Methylene Chloride	4.96	84	11455	Below Cal		91
25) 2-Butanone	7.22	43	2630	1.834	ug/l #	47
31) Cyclohexane	7.98	56	14669	1.422	ug/l #	4
51) 4-Methyl-2-Pentanone	10.23	43	11987	3.535	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.94	63	134	2.261	ug/l #	46
76) 1,2,3-Trichloropropane	12.64	75	182206	53.957	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	182206	113.865	ug/l #	14
95) Naphthalene	15.41	128	5547	4.773	ug/l #	95

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

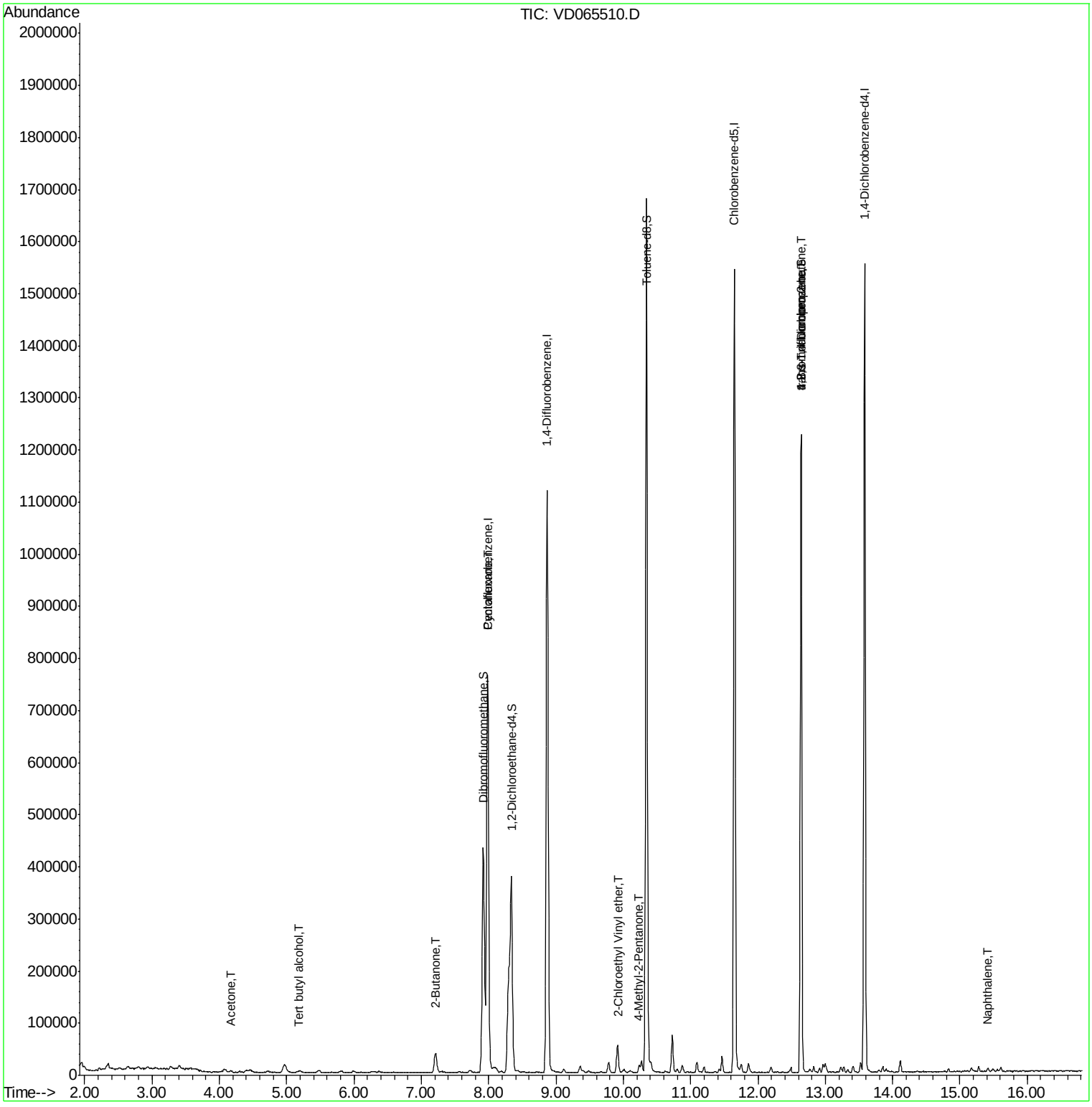
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031620\

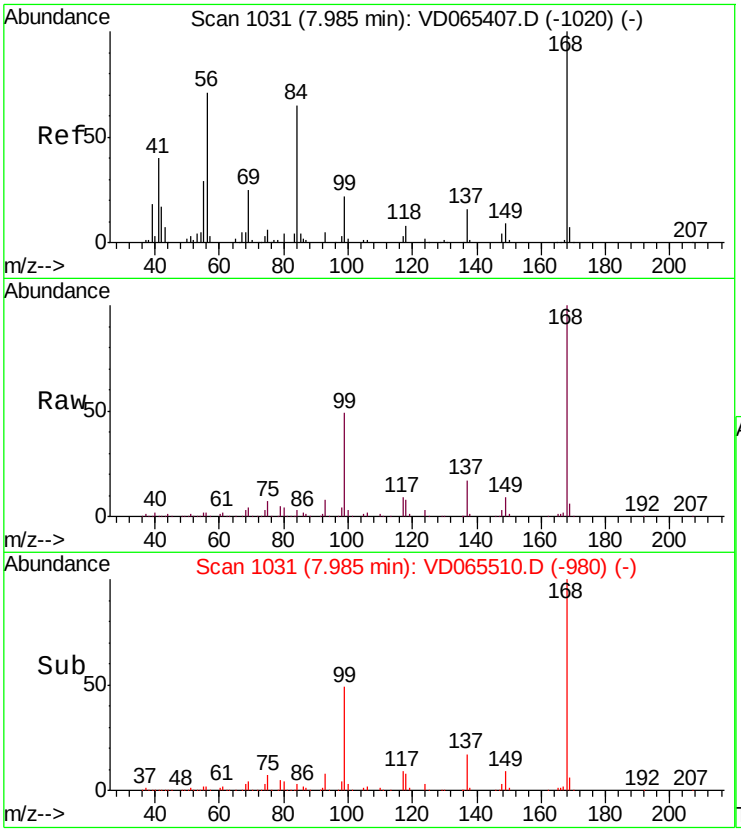
Quantitation Report (Not Reviewed)

Data File : VD065510.D
Acq On : 16 Mar 2020 13:25
Operator : VA/SY
Sample : VD0316SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBL01

Quant Time: Mar 17 07:25:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration



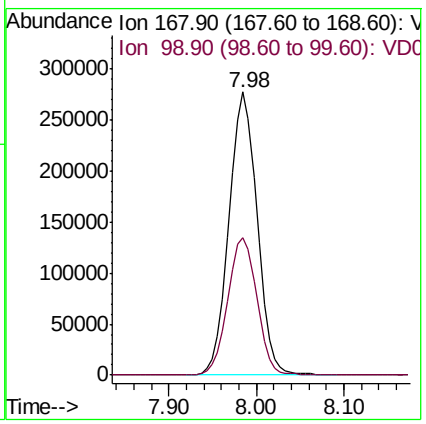


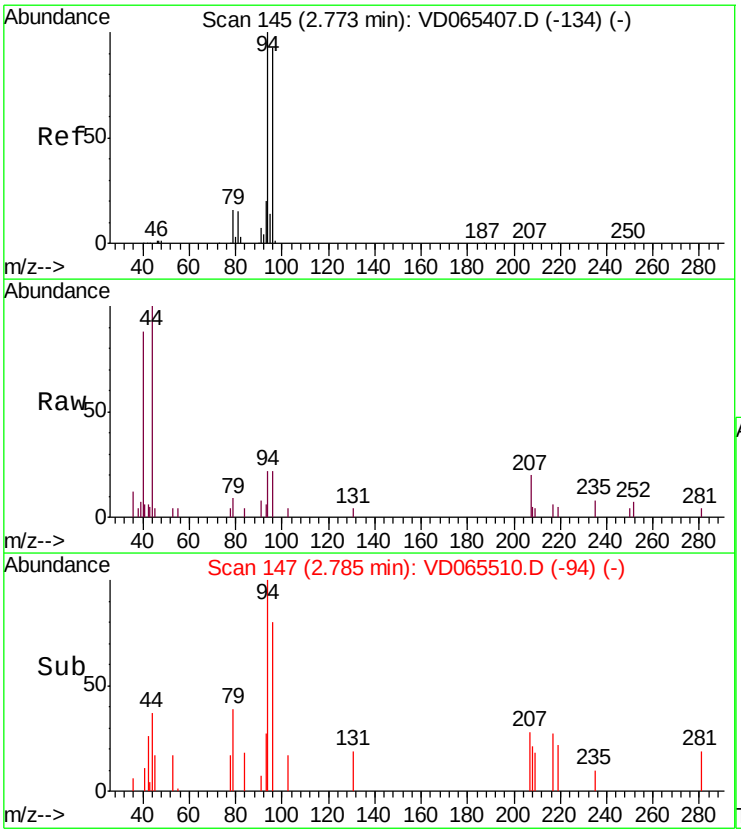
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Instrument : MSVOA_D
ClientSampleId : VD0316SBL01

Tgt Ion:168 Resp: 605639

Ion	Ratio	Lower	Upper
168	100		
99	48.5	41.5	62.3

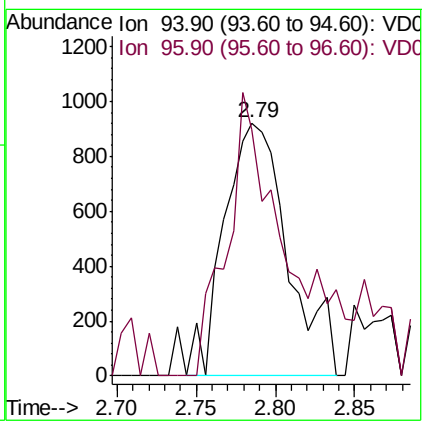


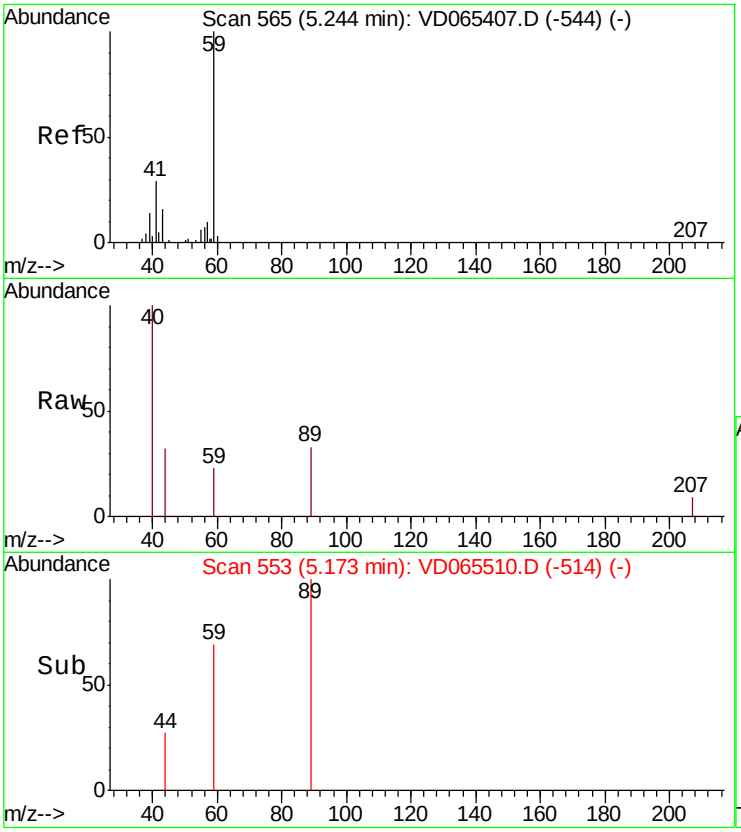


#5
Bromomethane
Concen: Below Cal
RT: 2.79 min Scan# 147
Delta R.T. 0.01 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Tgt Ion: 94 Resp: 2574

Ion	Ratio	Lower	Upper
94	100		
96	97.5	74.4	111.6



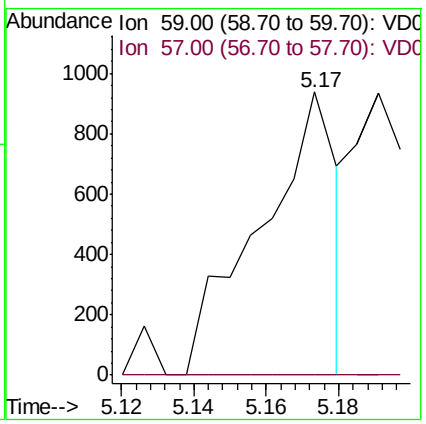


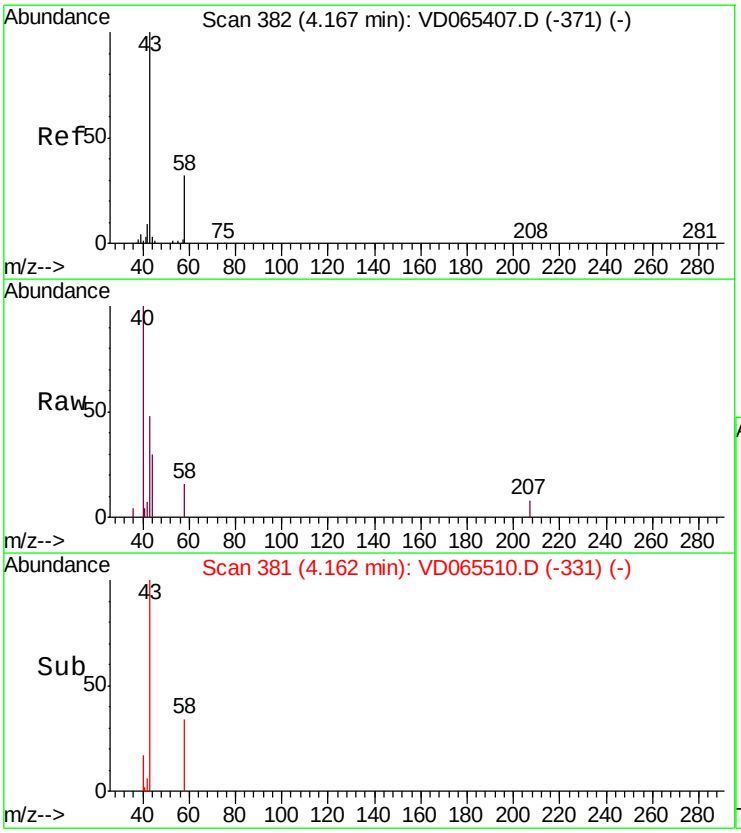
#11
Tert butyl alcohol
Concen: 4.644 ug/l
RT: 5.17 min Scan# 553
Delta R.T. -0.07 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Instrument : MSVOA_D
ClientSampleId : VD0316SBL01

Tgt Ion: 59 Resp: 1384

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.9	10.3#

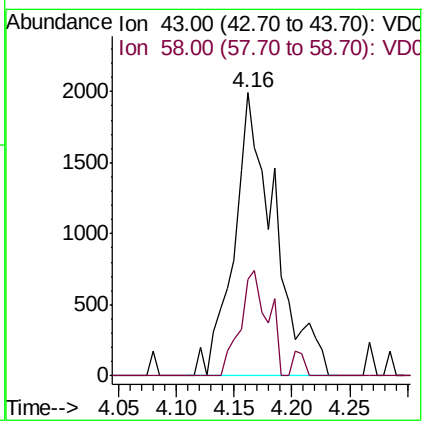


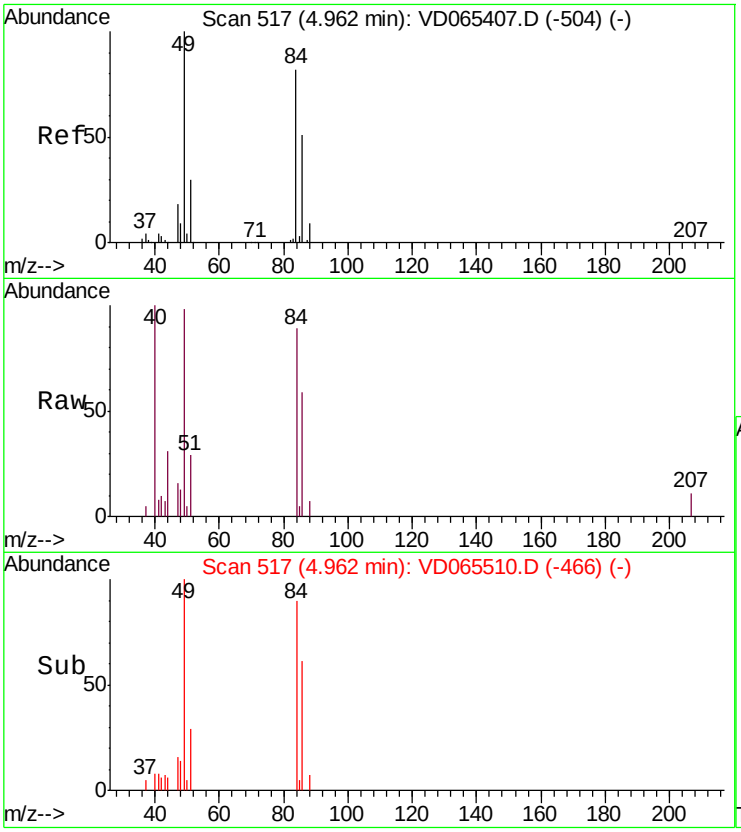


#16
Acetone
Concen: 4.713 ug/l
RT: 4.16 min Scan# 381
Delta R.T. -0.01 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Tgt Ion: 43 Resp: 4952

Ion	Ratio	Lower	Upper
43	100		
58	34.1	25.1	37.7



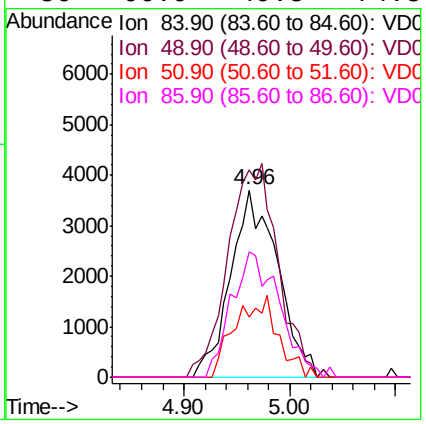


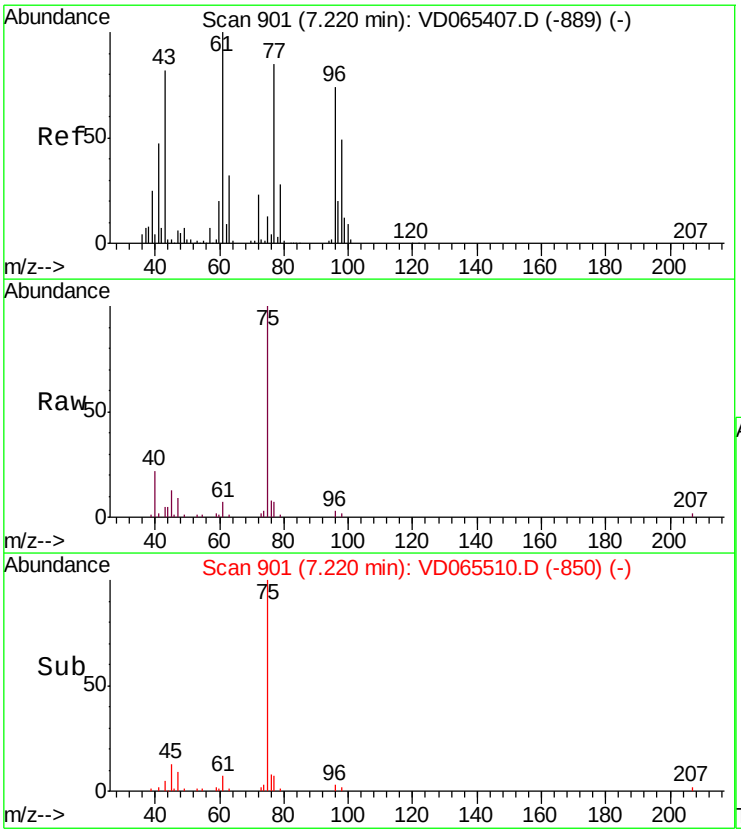
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBL01

Tgt Ion: 84 Resp: 11455

Ion	Ratio	Lower	Upper
84	100		
49	110.5	97.7	146.5
51	32.4	28.8	43.2
86	66.9	49.5	74.3

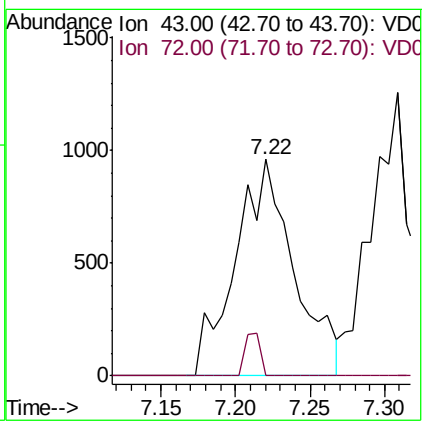


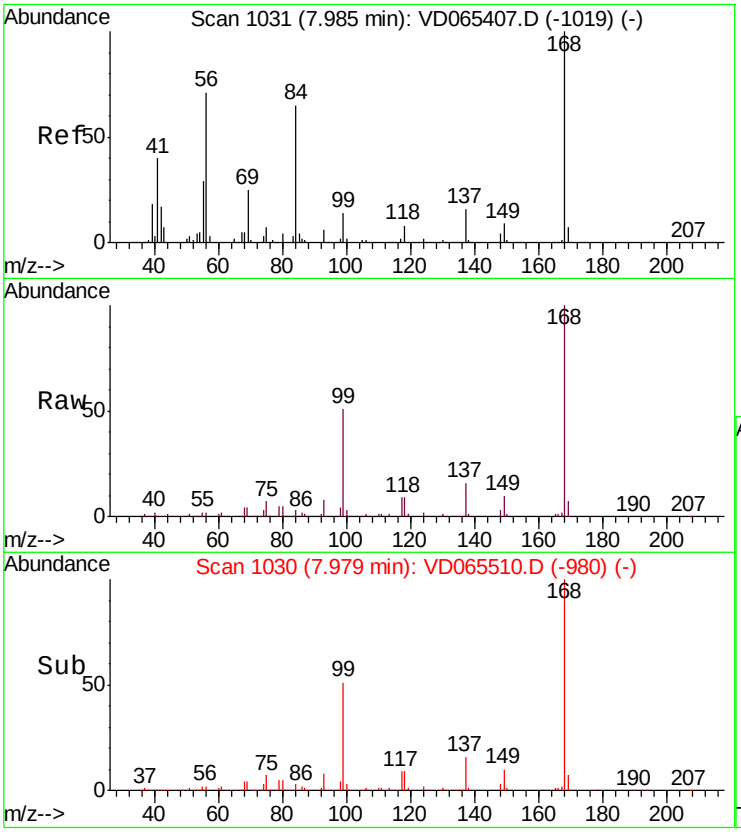


#25
2-Butanone
Concen: 1.834 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Tgt Ion: 43 Resp: 2630

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.3	33.5#



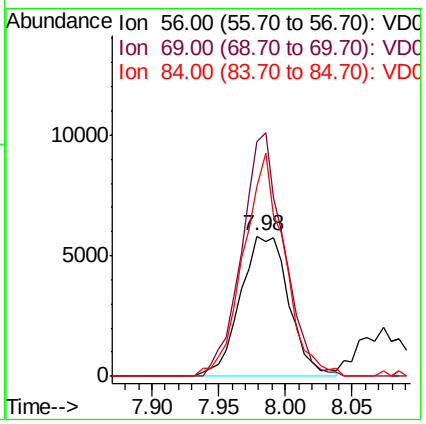


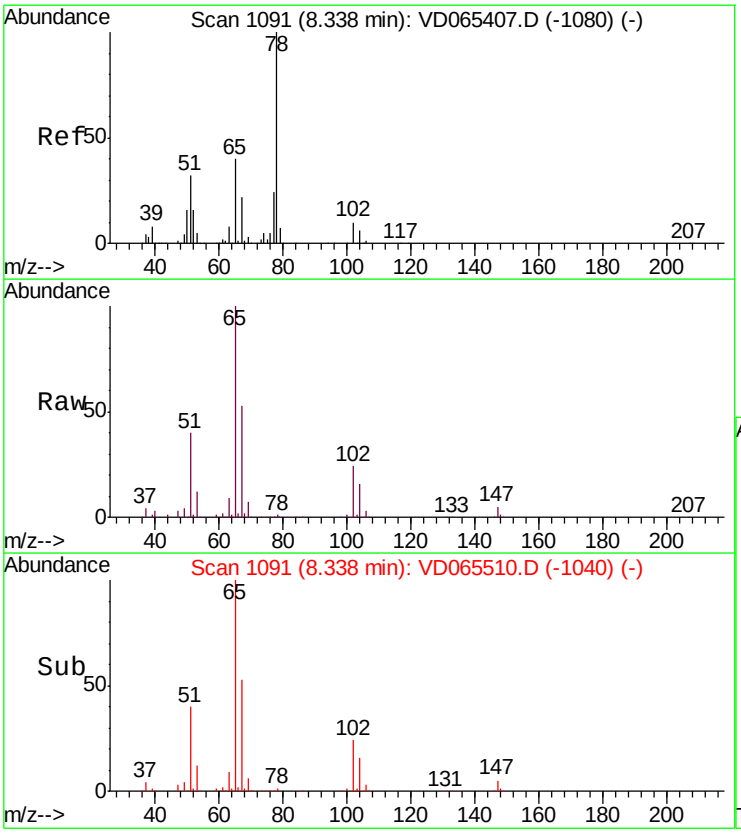
#31
Cyclohexane
Concen: 1.422 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Instrument : MSVOA_D
ClientSampleId : VD0316SBL01

Tgt Ion: 56 Resp: 14669

Ion	Ratio	Lower	Upper
56	100		
69	166.9	28.3	42.5#
84	135.1	73.1	109.7#

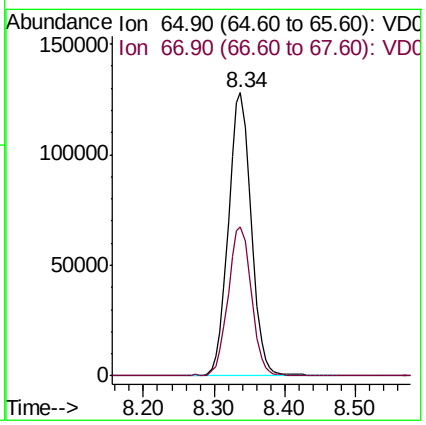


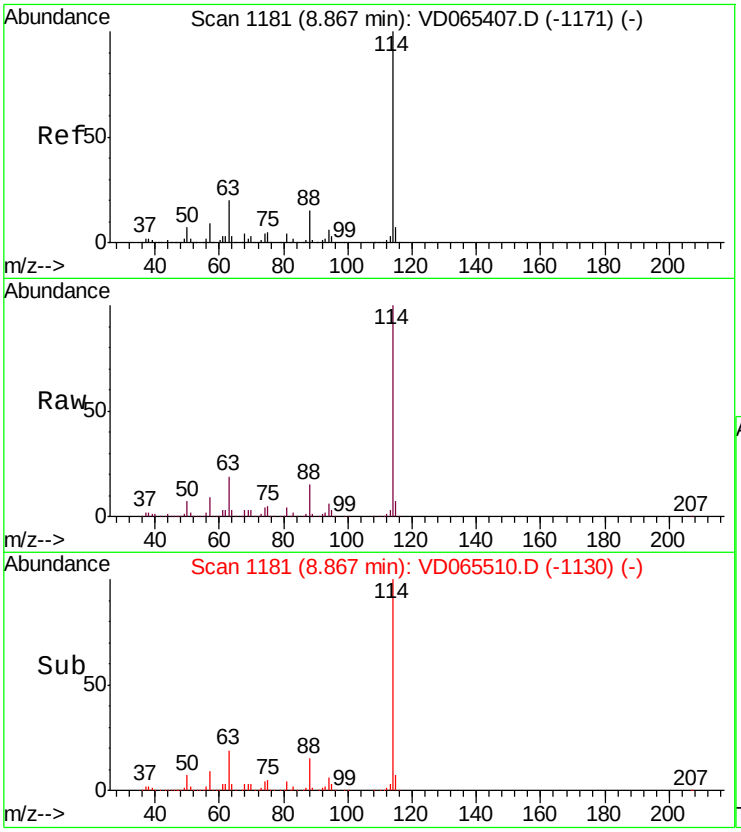


#33
1,2-Dichloroethane-d4
Concen: 55.313 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Tgt Ion: 65 Resp: 287361

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	108.0



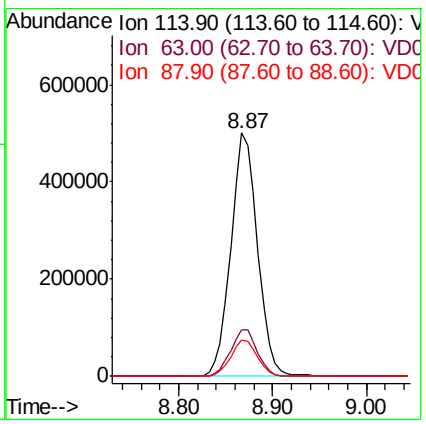


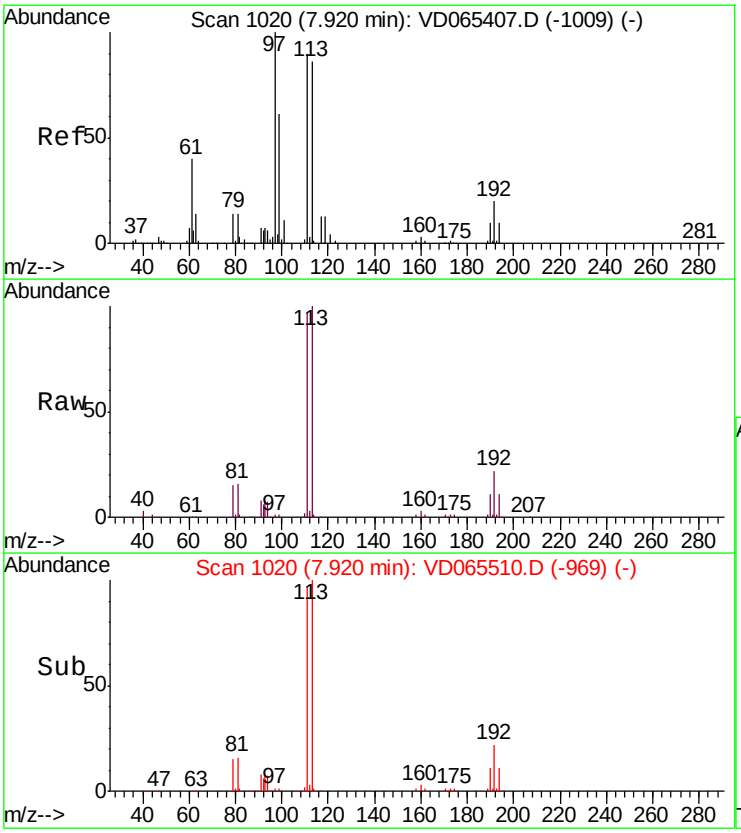
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBL01

Tgt Ion:114 Resp: 985061

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.6
88	14.8	0.0	30.4

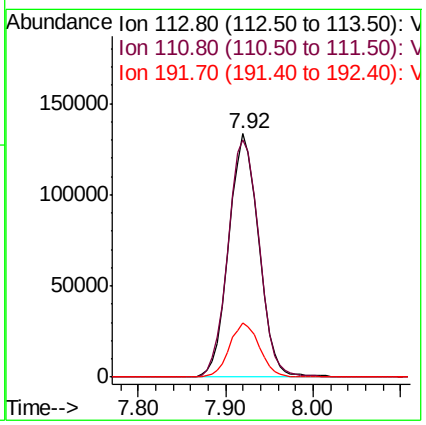


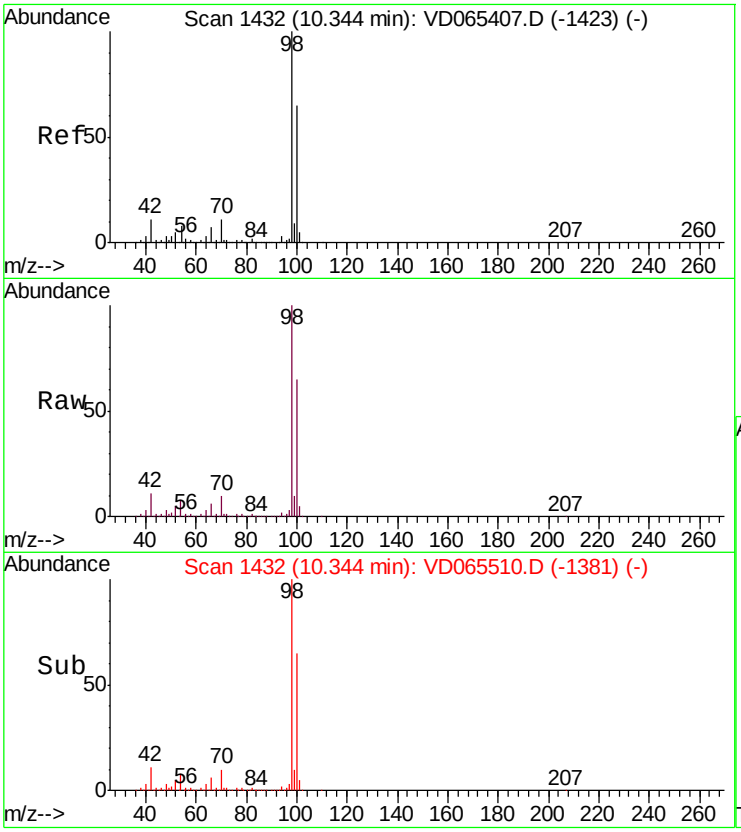


#35
Dibromofluoromethane
Concen: 51.081 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Tgt Ion:113 Resp: 311171

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.1	123.1
192	22.2	17.2	25.8



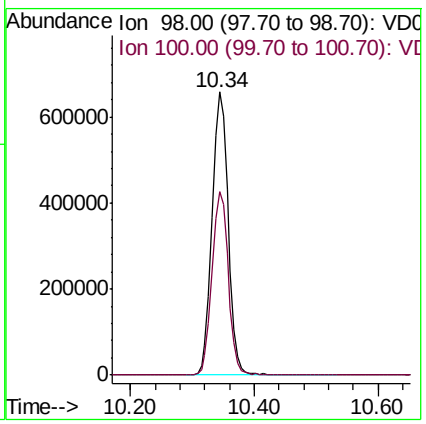


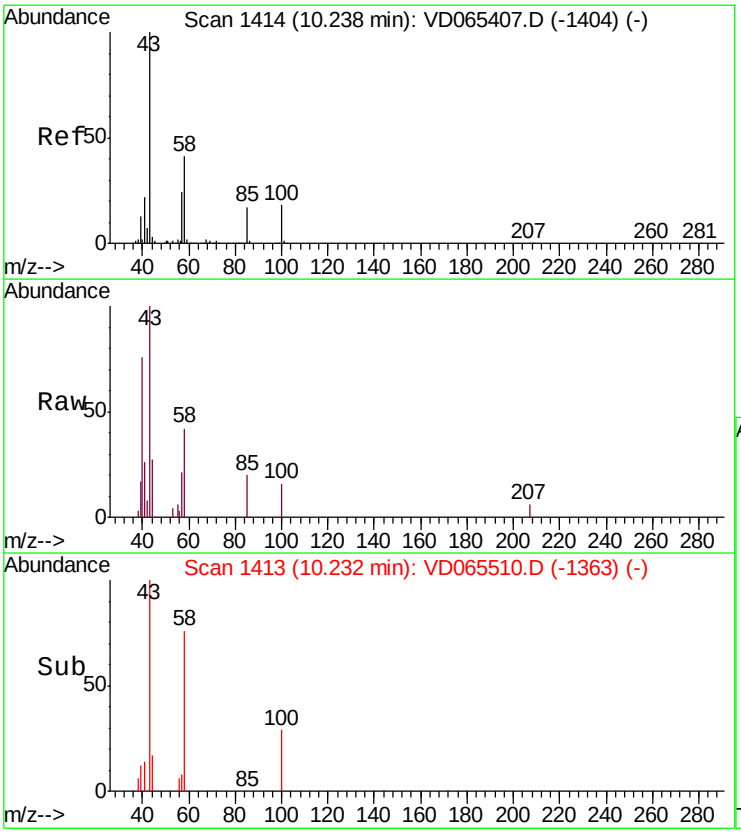
#50
Toluene-d8
Concen: 50.608 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Instrument : MSVOA_D
ClientSampleId : VD0316SBL01

Tgt Ion: 98 Resp: 1182705

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.8	79.2

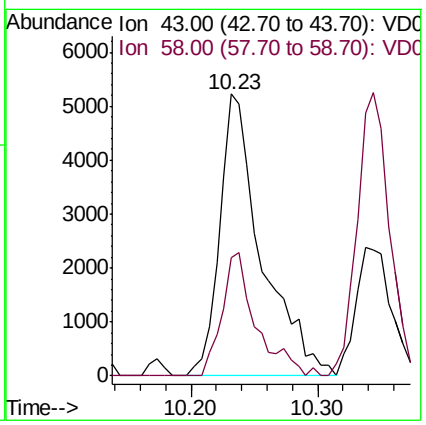


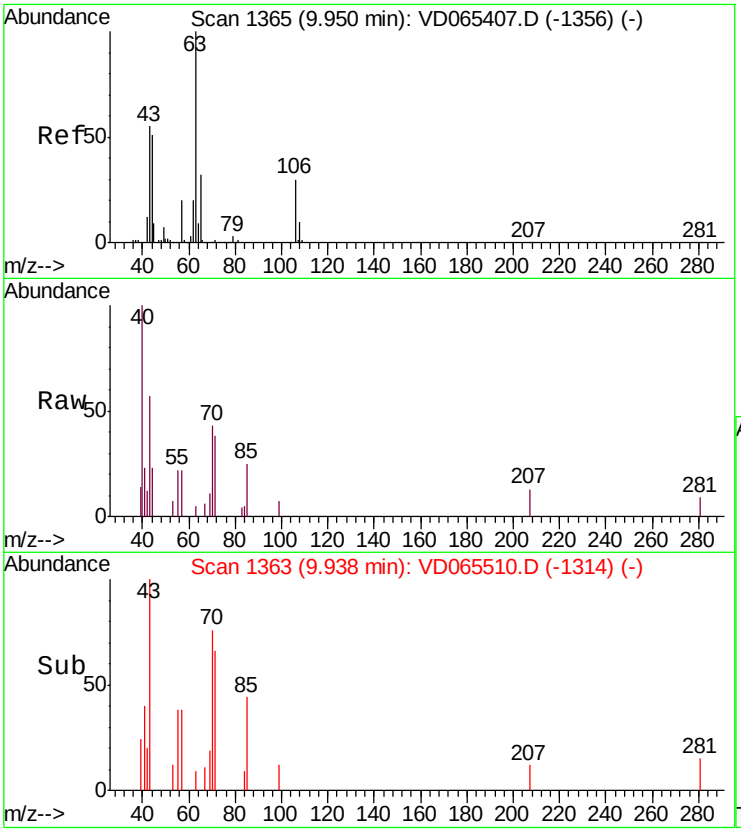


#51
4-Methyl-2-Pentanone
Concen: 3.535 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.01 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Tgt Ion: 43 Resp: 11987

Ion	Ratio	Lower	Upper
43	100		
58	35.4	31.8	47.6



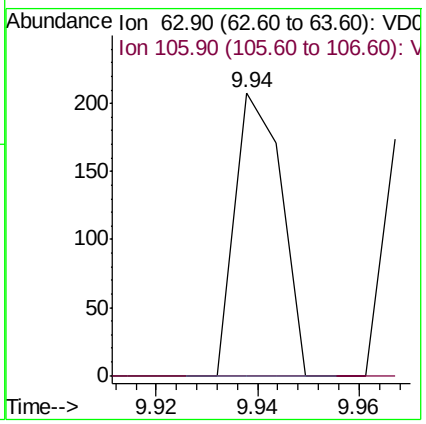


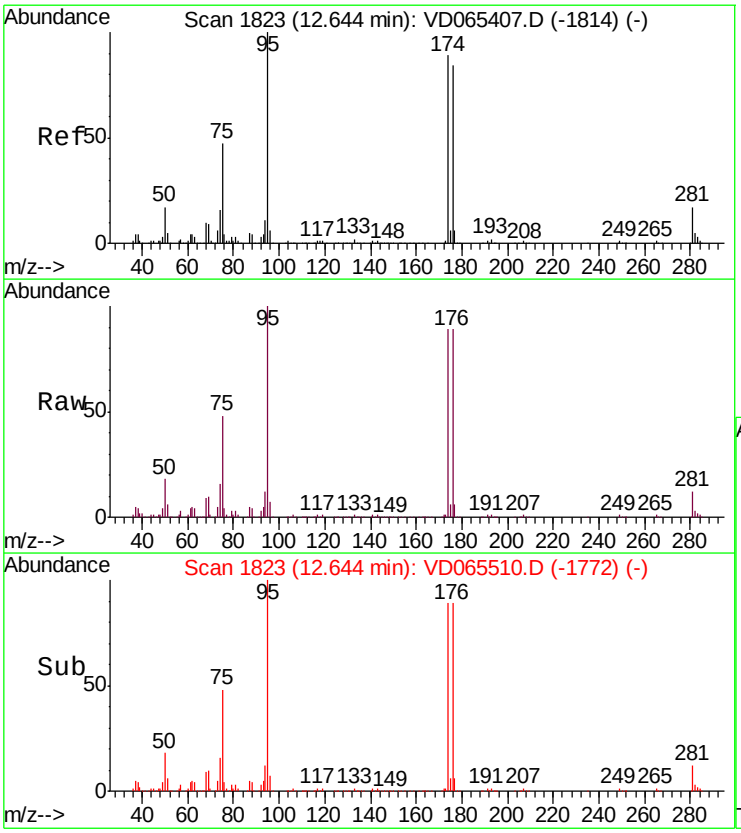
#58
2-Chloroethyl Vinyl ether
Concen: 2.261 ug/l
RT: 9.94 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Instrument : MSVOA_D
ClientSampleId : VD0316SBL01

Tgt Ion: 63 Resp: 134

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.3	34.9#

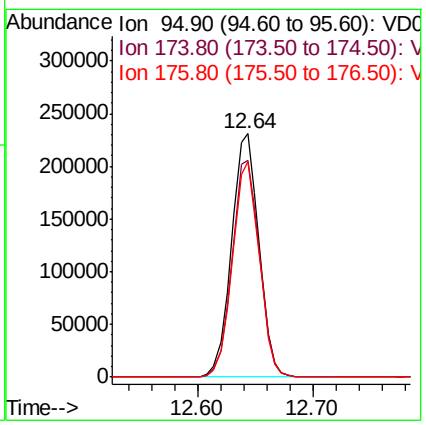


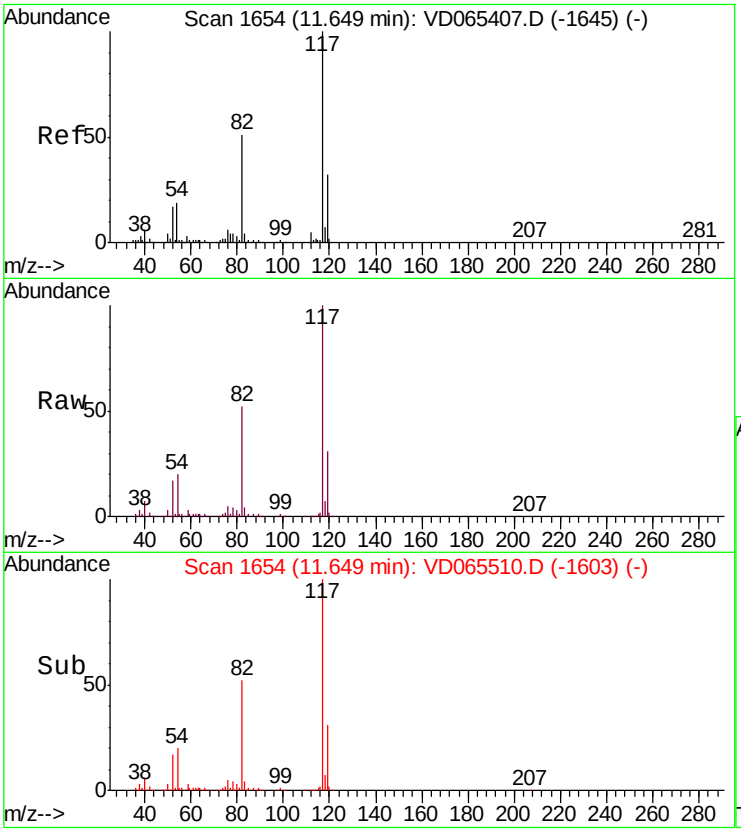


#62
4-Bromofluorobenzene
Concen: 52.177 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Tgt Ion: 95 Resp: 376433

Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	176.8
176	86.9	0.0	171.4



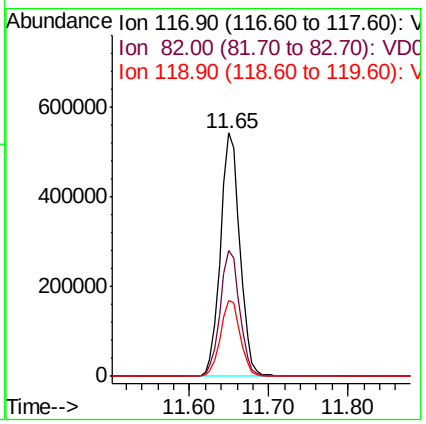


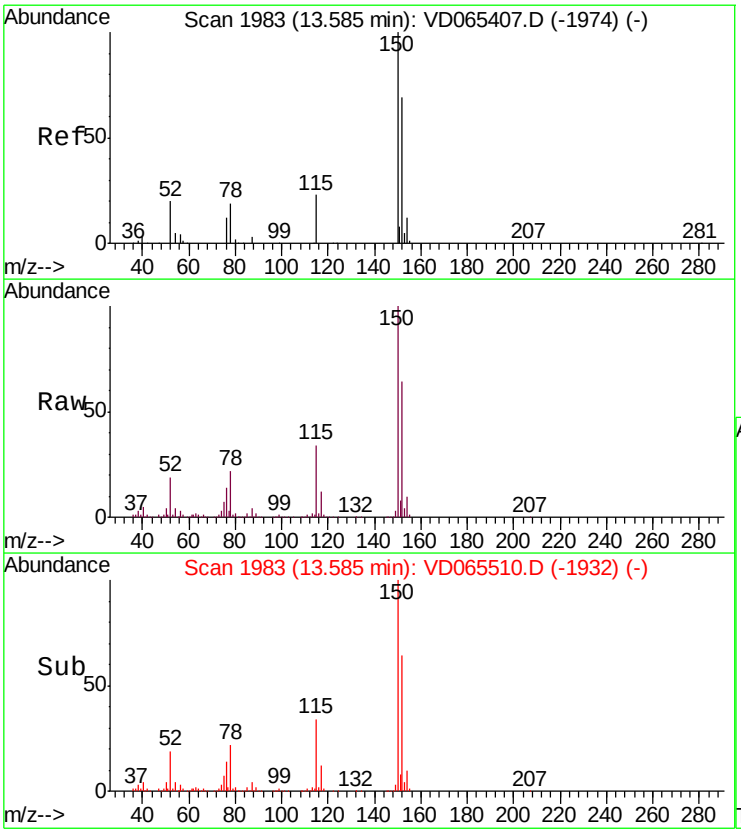
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Instrument : MSVOA_D
ClientSampleId : VD0316SBL01

Tgt Ion:117 Resp: 919830

Ion	Ratio	Lower	Upper
117	100		
82	51.8	40.6	60.8
119	30.9	25.4	38.2

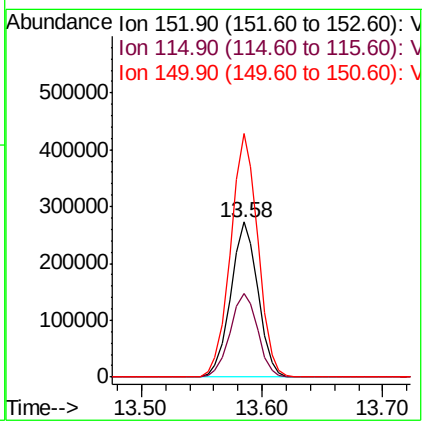


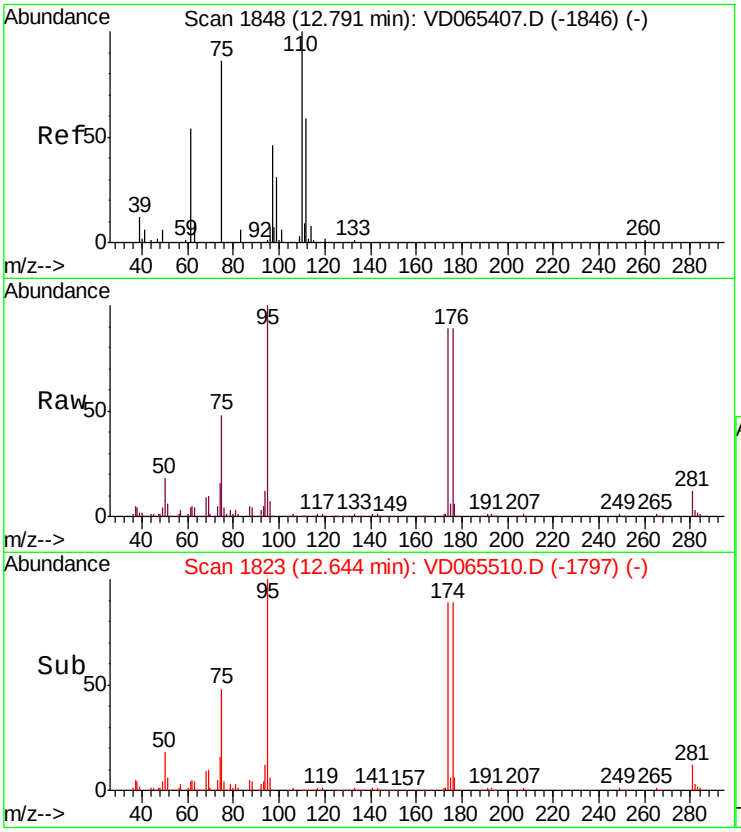


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Tgt Ion:152 Resp: 427949

Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.6	82.8
150	157.2	0.0	345.0



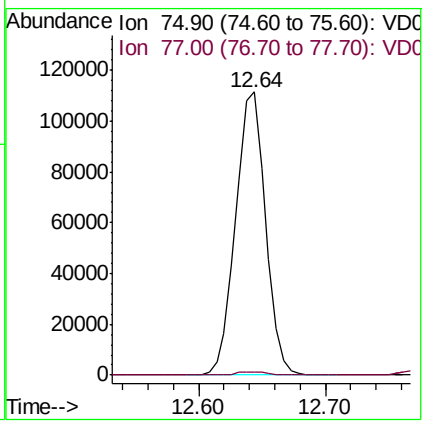


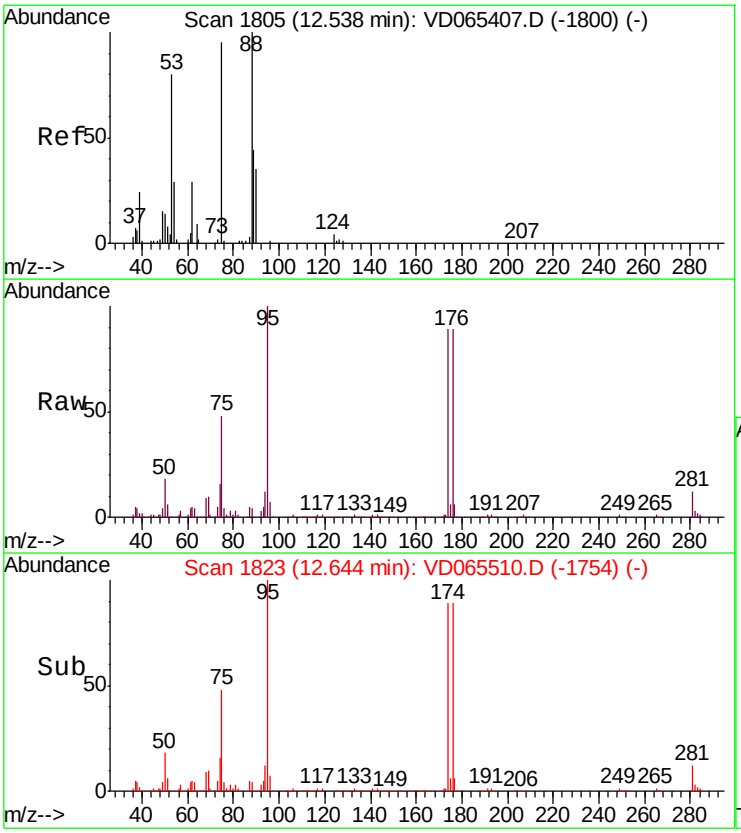
#76
1,2,3-Trichloropropane
Concen: 53.957 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. -0.15 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBL01

Tgt Ion: 75 Resp: 182206

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

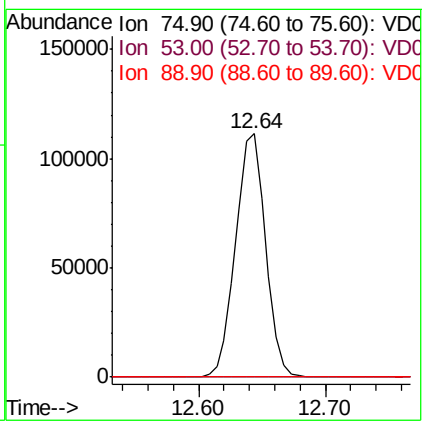


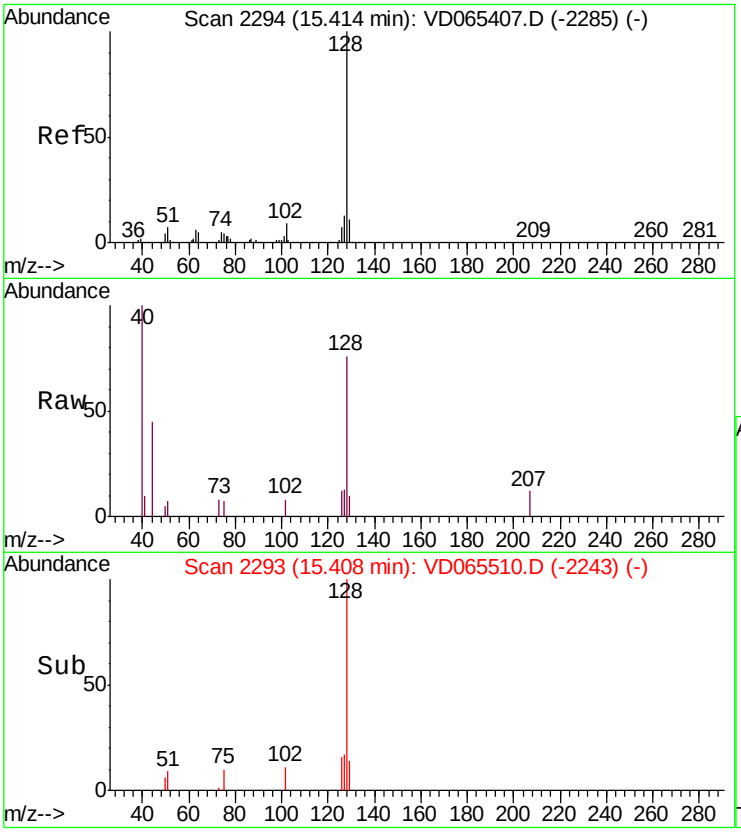


#81
trans-1,4-Dichloro-2-butene
Concen: 113.865 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.11 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Tgt Ion: 75 Resp: 182206

Ion	Ratio	Lower	Upper
75	100		
53	0.2	71.3	106.9#
89	0.2	37.0	55.6#





#95
Naphthalene
Concen: 4.773 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065510.D
Acq: 16 Mar 2020 13:25

Instrument :
MSVOA_D
ClientSampleId :
VD0316SBL01

Tgt Ion:128 Resp: 5547

Ion	Ratio	Lower	Upper
128	100		
127	9.6	10.6	16.0#
129	11.1	8.7	13.1