Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050720\
Data File : VD065704.D
Acq On : 07 May 2020 10:58
Operator : VA/SY
Sample : VD0507SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0507SBL01

Quant Time: May 08 06:00:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
Quant Title : SW846 8260
QLast Update : Wed May 06 17:01:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	459310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	754712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	681758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	327910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	229151	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.62%			
35) Dibromofluoromethane	7.92	113	236353	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.22%			
50) Toluene-d8	10.34	98	916005	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.14%			
62) 4-Bromofluorobenzene	12.64	95	311947	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.16%			
Target Compounds						Qvalue
5) Bromomethane	2.78	94	3124	1.08	ug/l	91
11) Tert butyl alcohol	5.19	59	3645	Below Cal	#	83
13) Acrolein	3.90	56	676	1.79	ug/l #	14
15) Acrylonitrile	5.43	53	1189	1.10	ug/l #	87
16) Acetone	4.16	43	3495	3.56	ug/l #	81
20) Methylene Chloride	4.97	84	7237	1.46	ug/l	87
25) 2-Butanone	7.21	43	1707	1.17	ug/l	94
31) Cyclohexane	7.98	56	14619	1.59	ug/l #	31
51) 4-Methyl-2-Pentanone	10.23	43	7039	2.02	ug/l	100
59) 2-Hexanone	10.99	43	2719	1.14	ug/l	82
76) 1,2,3-Trichloropropane	12.64	75	160774	58.05	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	160774	102.76	ug/l #	12

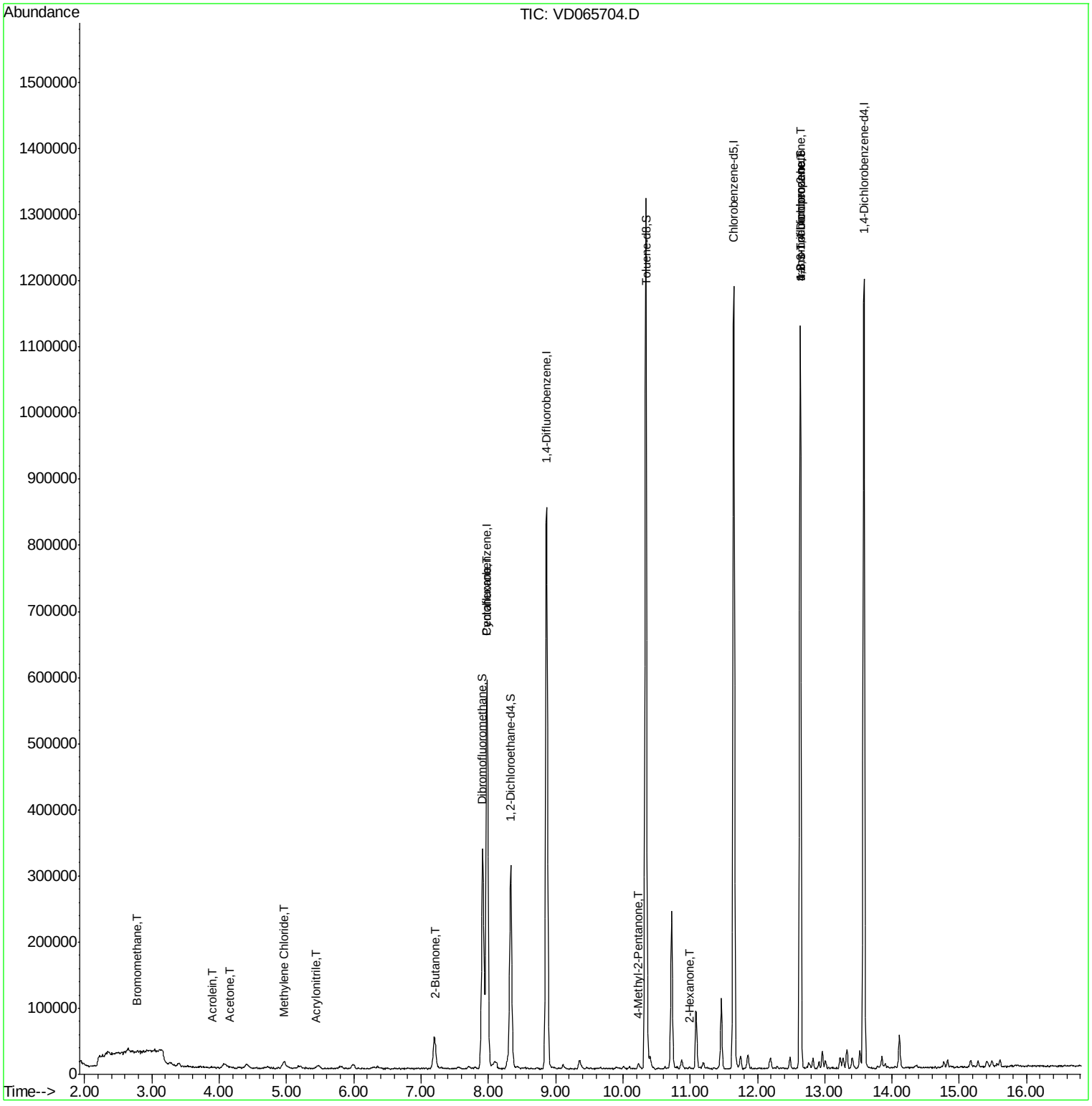
(#) = qualifier out of range (m) = manual integration (+) = signals summed

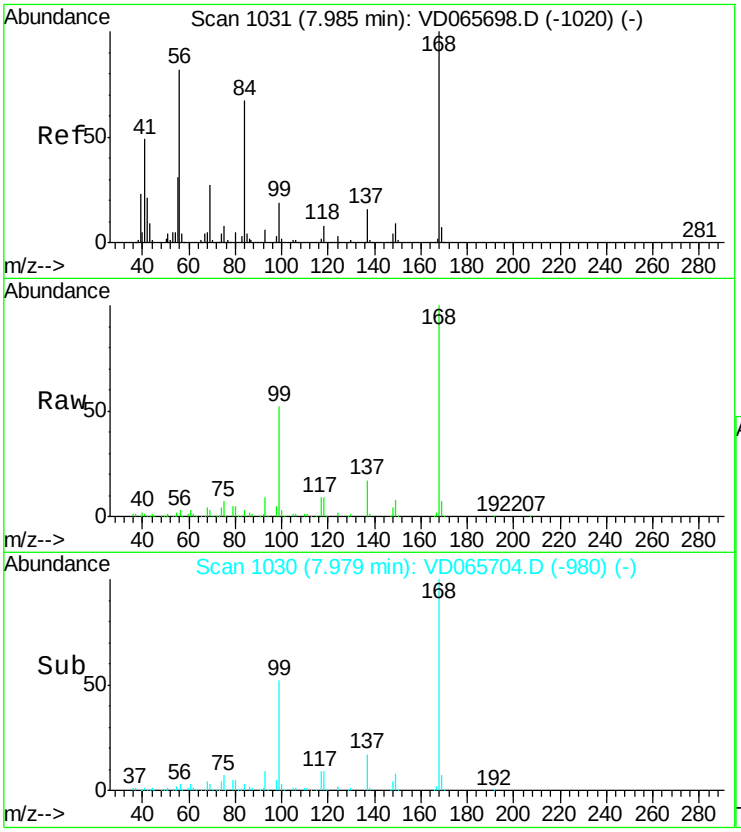
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050720\
Data File : VD065704.D
Acq On : 07 May 2020 10:58
Operator : VA/SY
Sample : VD0507SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

Quant Time: May 08 06:00:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
Quant Title : SW846 8260
QLast Update : Wed May 06 17:01:16 2020
Response via : Initial Calibration



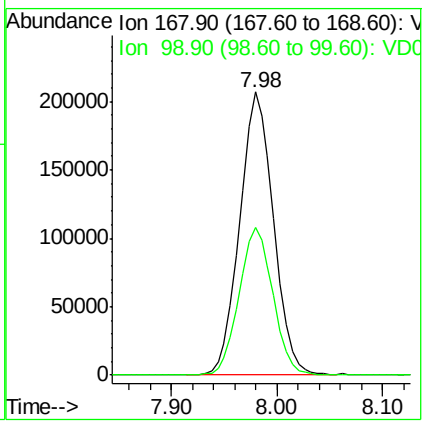


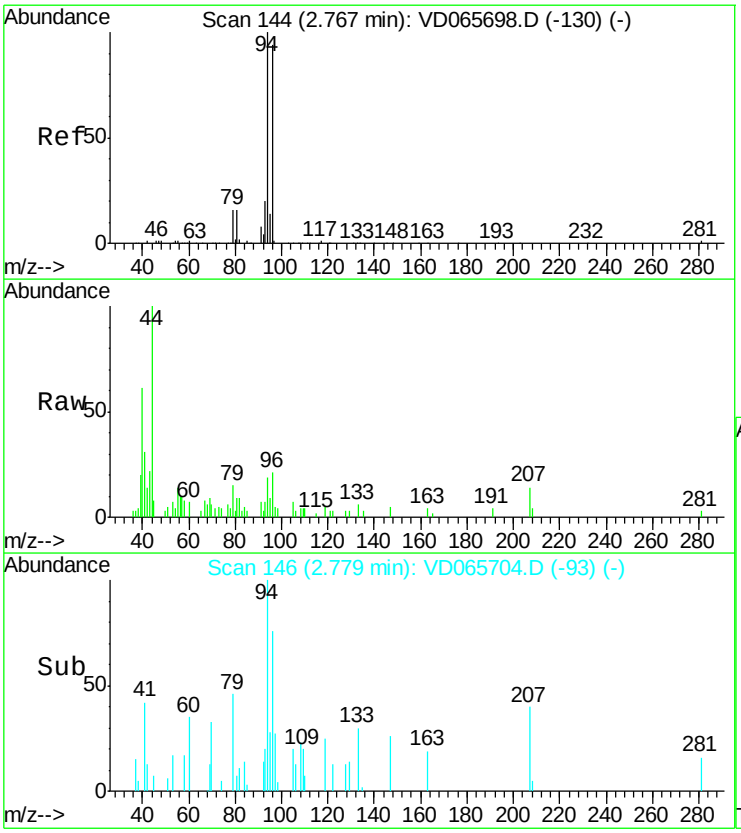
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

Tgt Ion:168 Resp: 459310

Ion	Ratio	Lower	Upper
168	100		
99	52.0	44.2	66.4

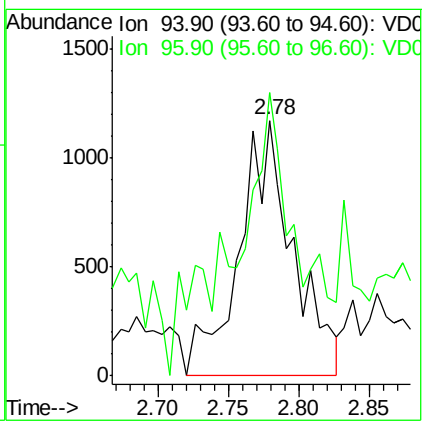


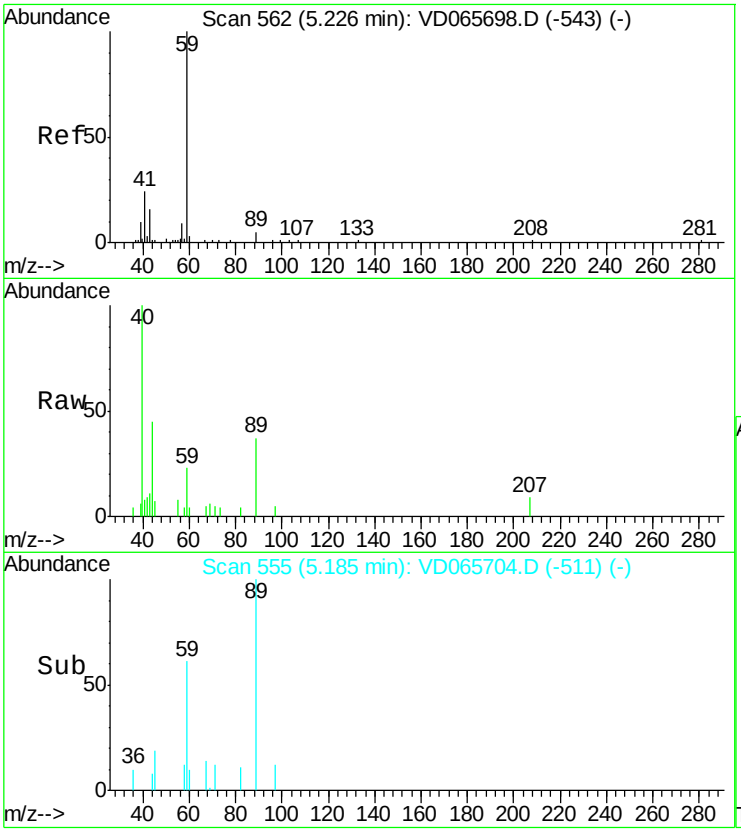


#5
Bromomethane
Concen: 1.08 ug/l
RT: 2.78 min Scan# 146
Delta R.T. 0.01 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Tgt Ion: 94 Resp: 3124

Ion	Ratio	Lower	Upper
94	100		
96	84.8	75.0	112.6



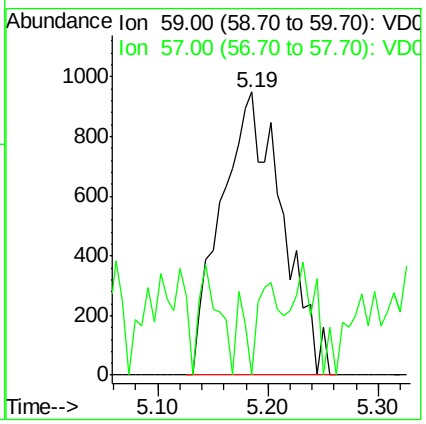


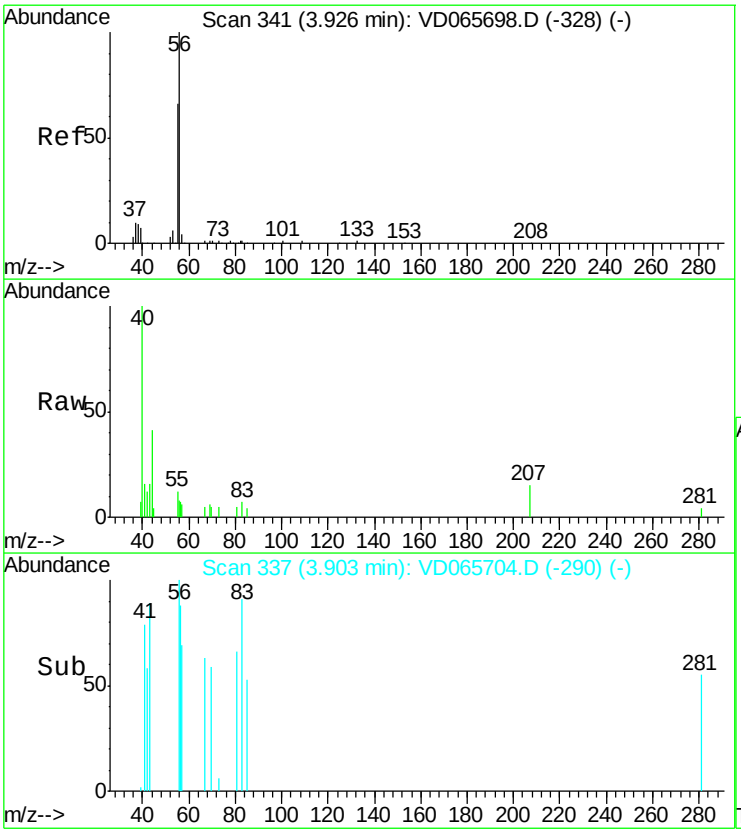
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.19 min Scan# 555
Delta R.T. -0.04 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

Tgt Ion: 59 Resp: 3645

Ion	Ratio	Lower	Upper
59	100		
57	4.4	8.7	13.1#

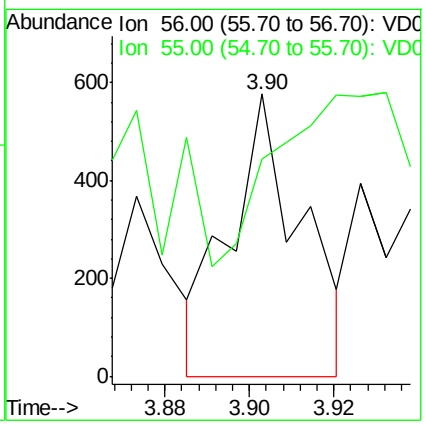


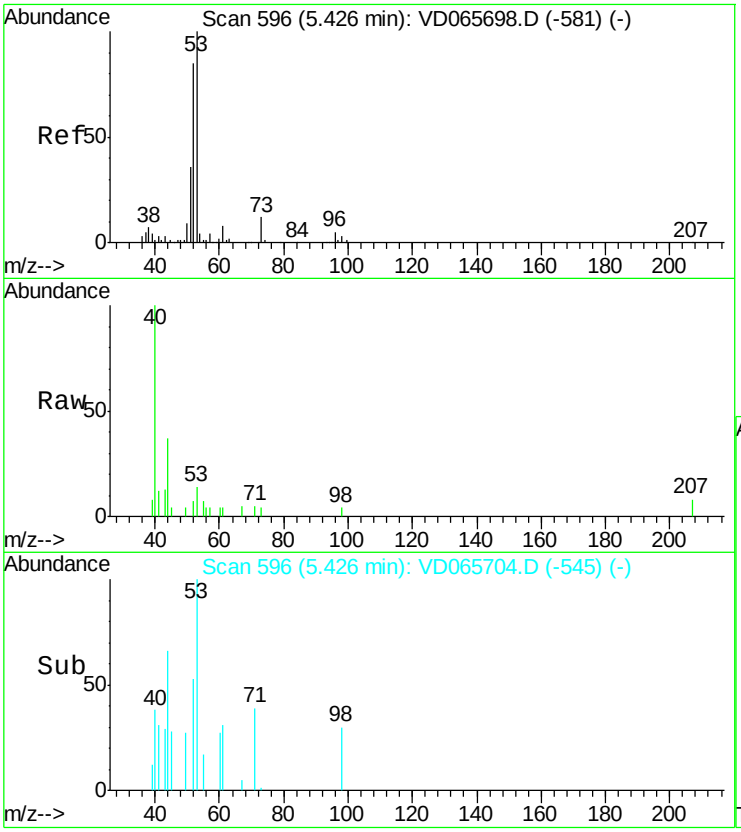


#13
Acrolein
Concen: 1.79 ug/l
RT: 3.90 min Scan# 337
Delta R.T. -0.02 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Tgt Ion: 56 Resp: 676

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.7	85.1#



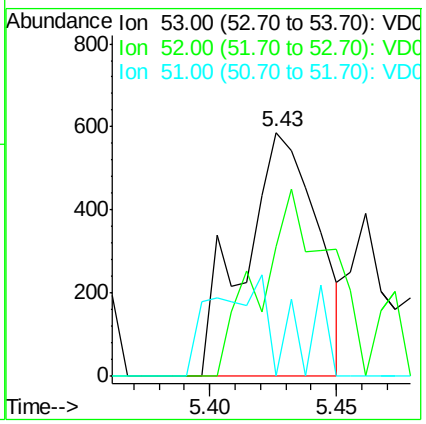


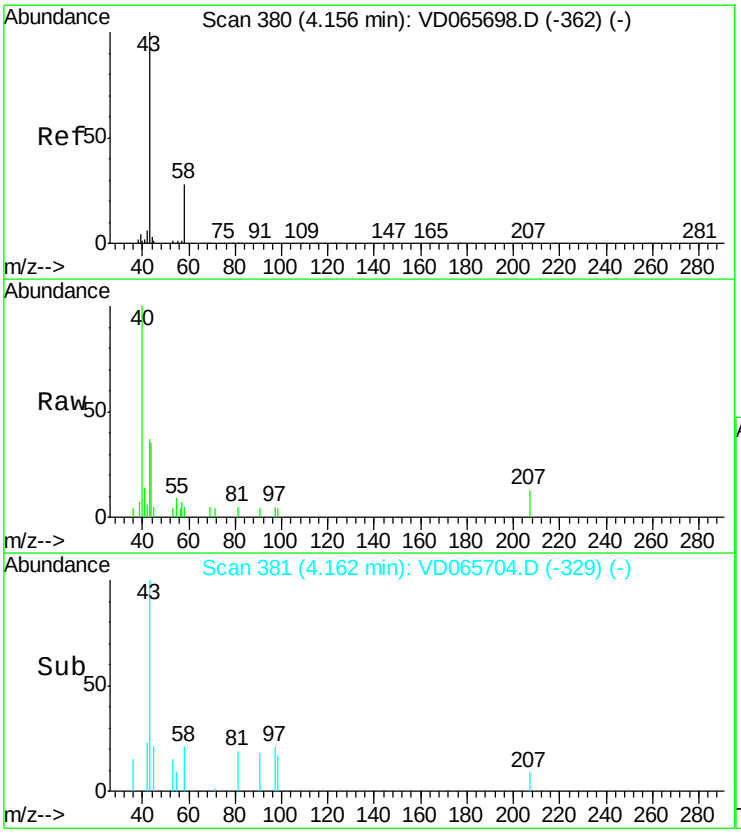
#15
Acrylonitrile
Concen: 1.10 ug/l
RT: 5.43 min Scan# 596
Delta R.T. 0.00 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

Tgt Ion: 53 Resp: 1189

Ion	Ratio	Lower	Upper
53	100		
52	72.4	66.2	99.2
51	28.5	29.9	44.9#

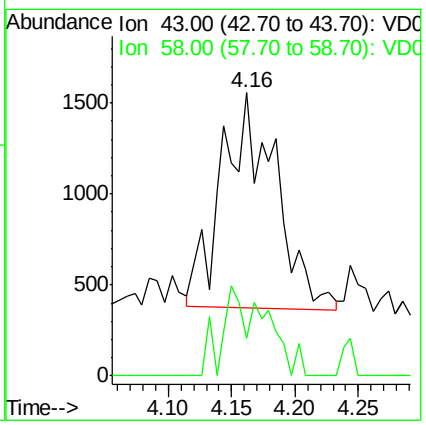


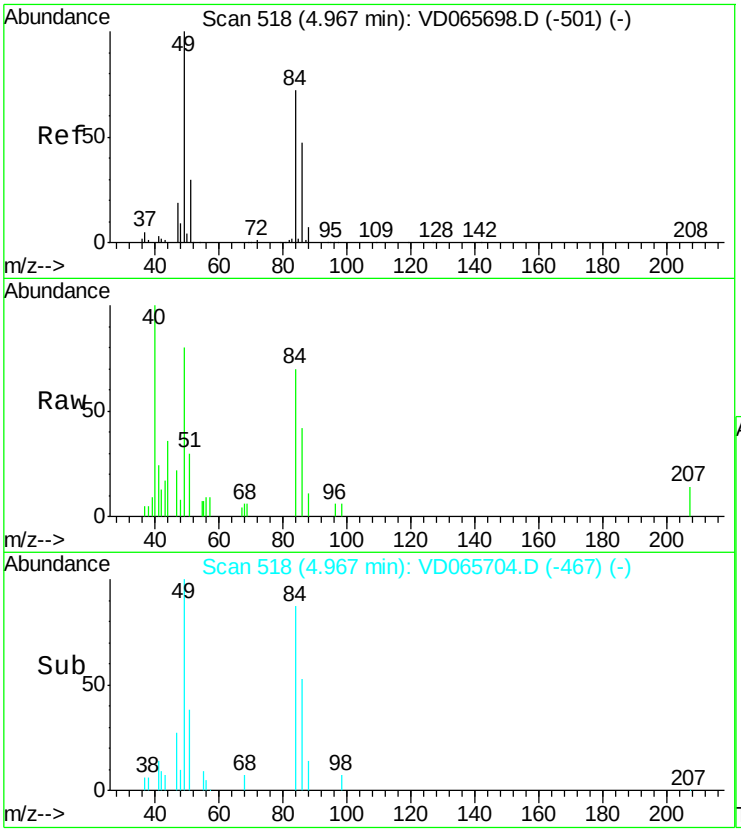


#16
Acetone
Concen: 3.56 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Tgt Ion: 43 Resp: 3495

Ion	Ratio	Lower	Upper
43	100		
58	18.3	22.5	33.7#



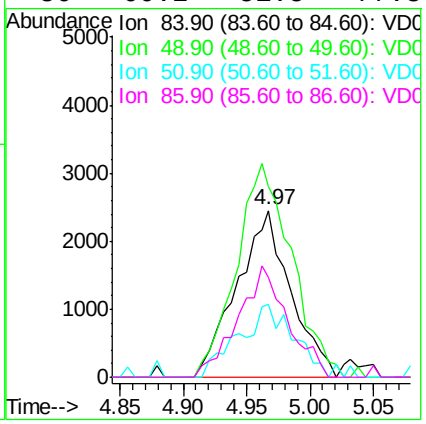


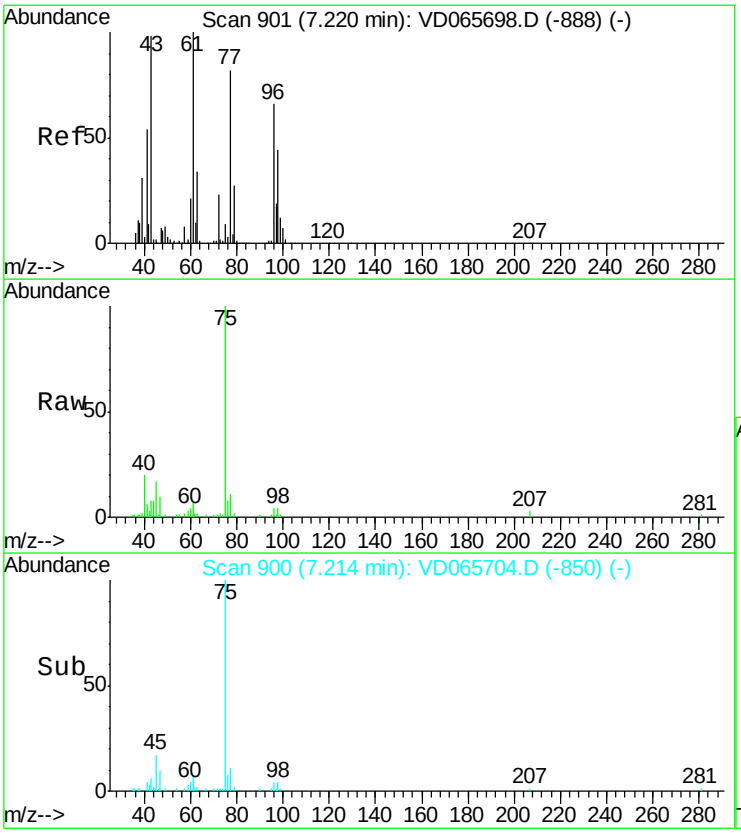
#20
Methylene Chloride
Concen: 1.46 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

Tgt Ion: 84 Resp: 7237

Ion	Ratio	Lower	Upper
84	100		
49	114.3	110.4	165.6
51	43.5	33.4	50.2
86	60.2	51.5	77.3

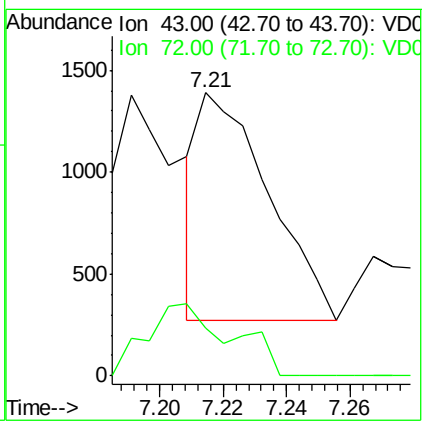


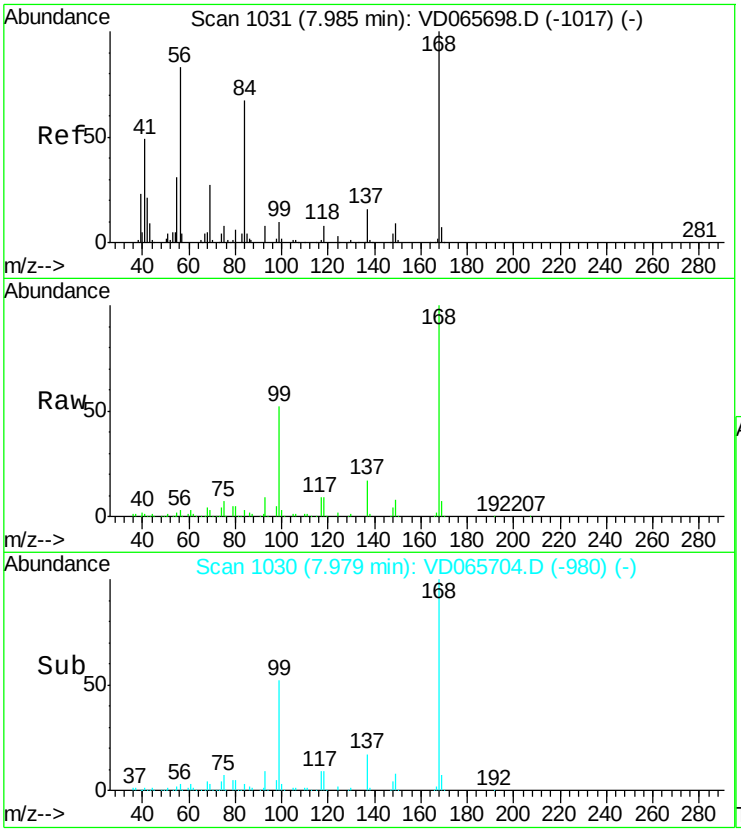


#25
2-Butanone
Concen: 1.17 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.01 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Tgt Ion: 43 Resp: 1707

Ion	Ratio	Lower	Upper
43	100		
72	21.3	19.2	28.8



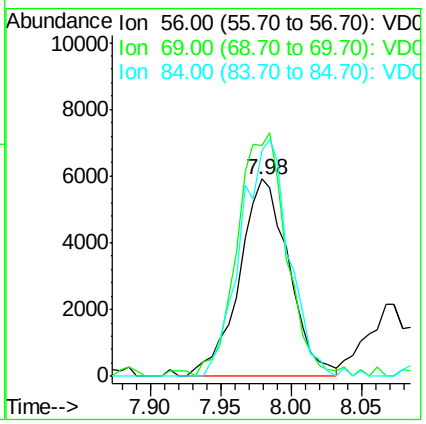


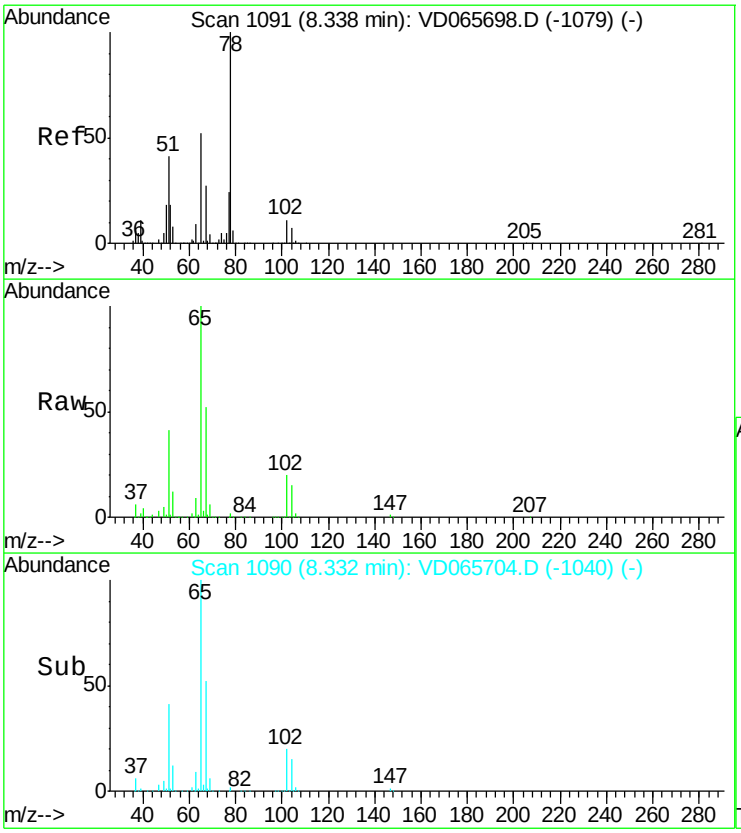
#31
Cyclohexane
Concen: 1.59 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

Tgt Ion: 56 Resp: 14619

Ion	Ratio	Lower	Upper
56	100		
69	114.0	26.3	39.5#
84	114.6	64.5	96.7#

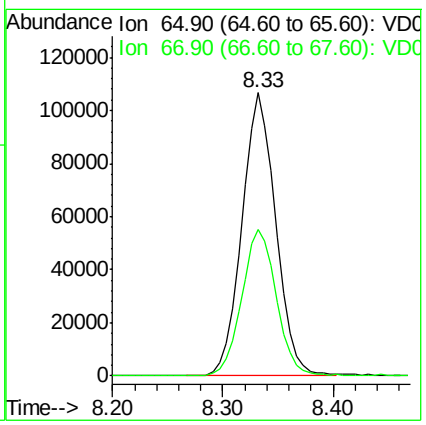


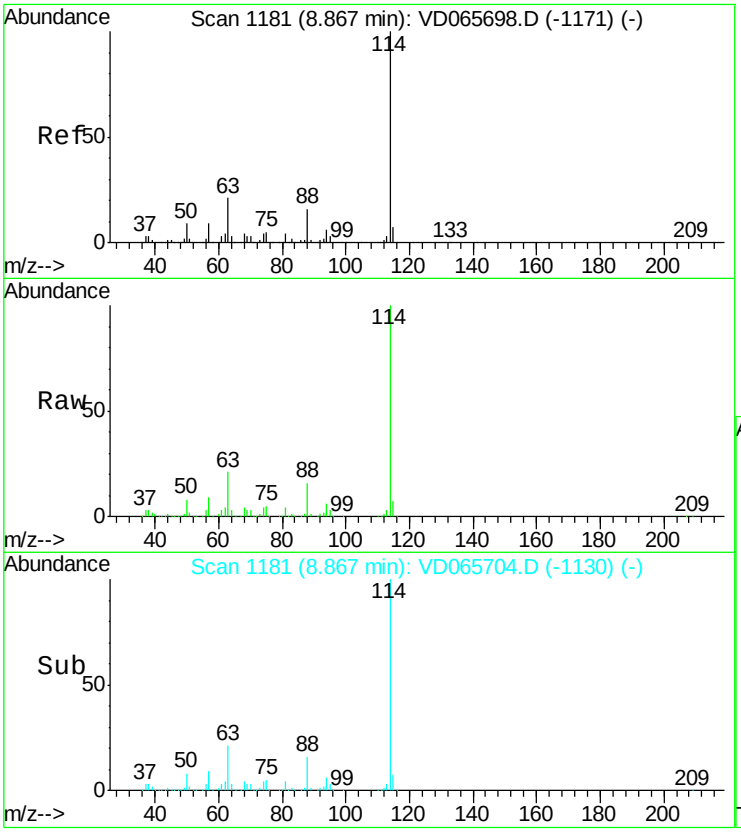


#33
1,2-Dichloroethane-d4
Concen: 49.81 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Tgt Ion: 65 Resp: 229151

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	103.8



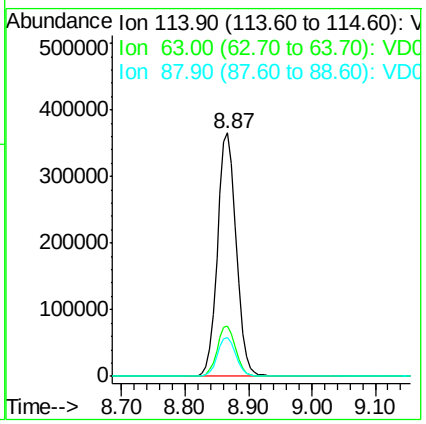


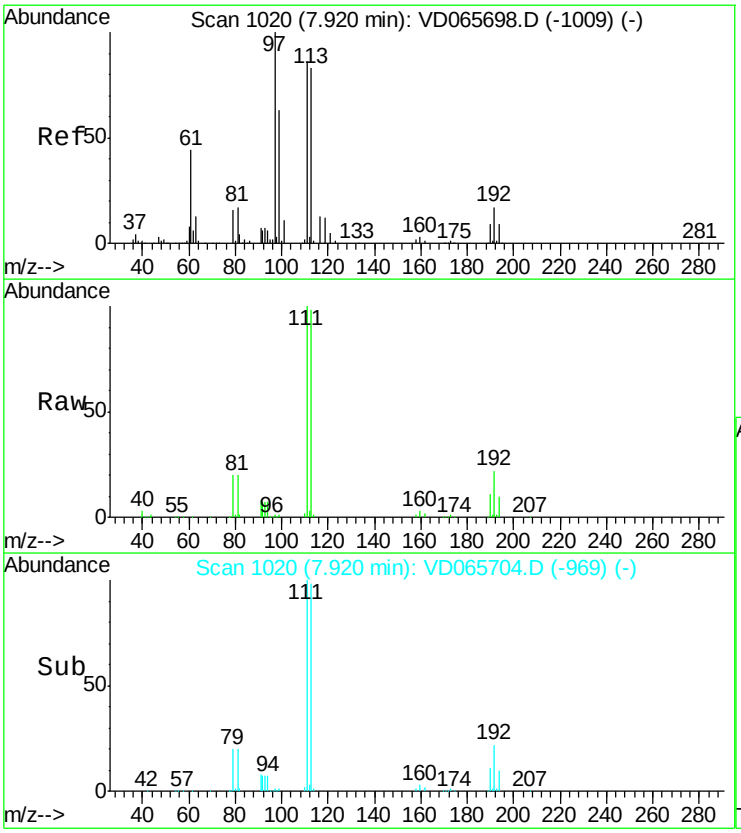
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

Tgt Ion:114 Resp: 754712

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.4
88	15.9	0.0	32.6

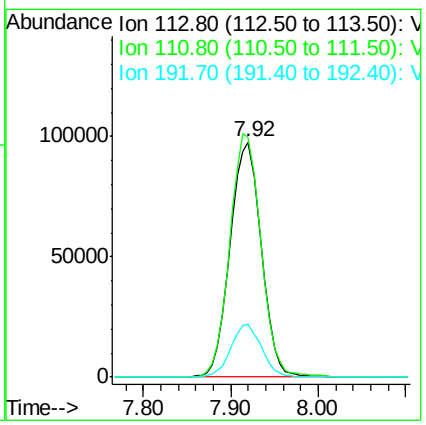


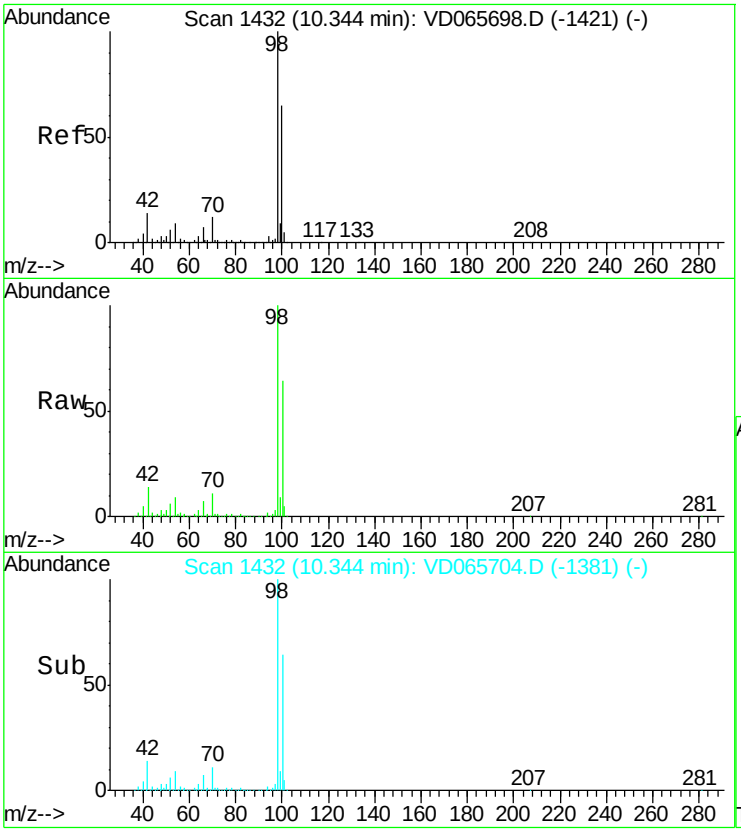


#35
Dibromofluoromethane
Concen: 50.11 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Tgt Ion:113 Resp: 236353

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.7	124.1
192	22.1	17.0	25.4



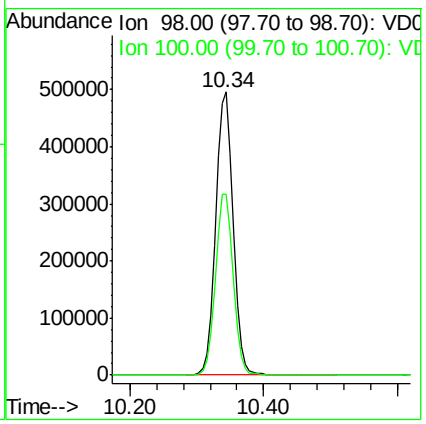


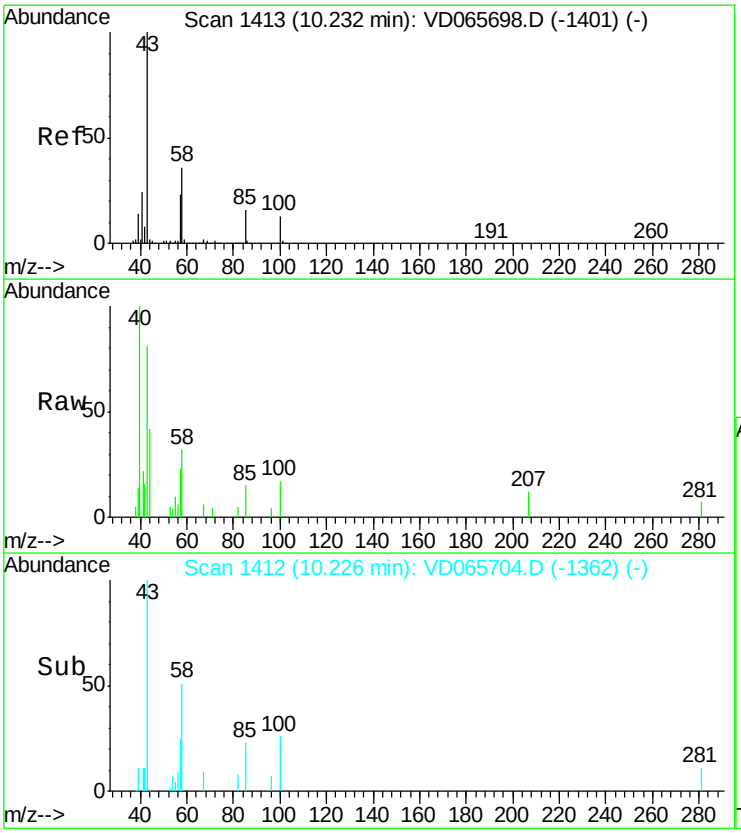
#50
Toluene-d8
Concen: 50.57 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Instrument : MSVOA_D
ClientSampleId : VD0507SBL01

Tgt Ion: 98 Resp: 916005

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.6	78.8

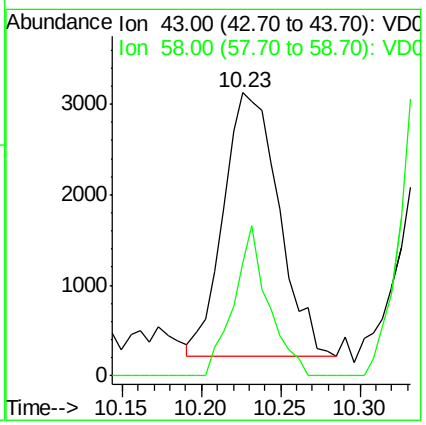


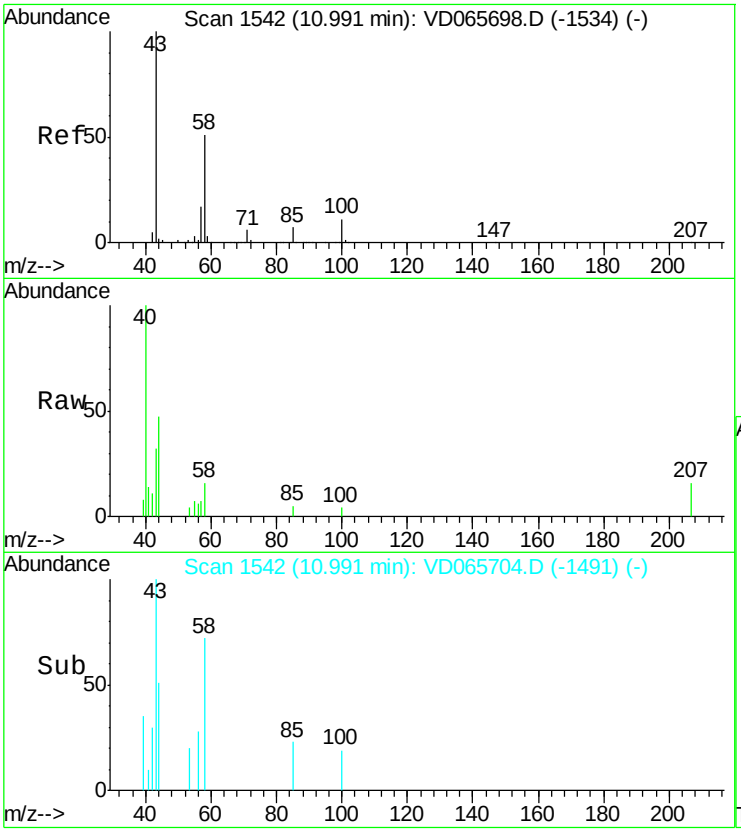


#51
4-Methyl-2-Pentanone
Concen: 2.02 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.01 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Tgt Ion: 43 Resp: 7039

Ion	Ratio	Lower	Upper
43	100		
58	35.6	28.6	42.8



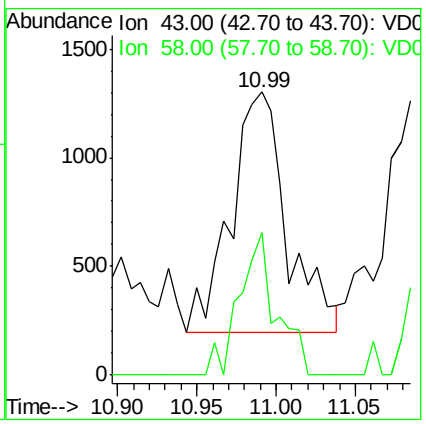


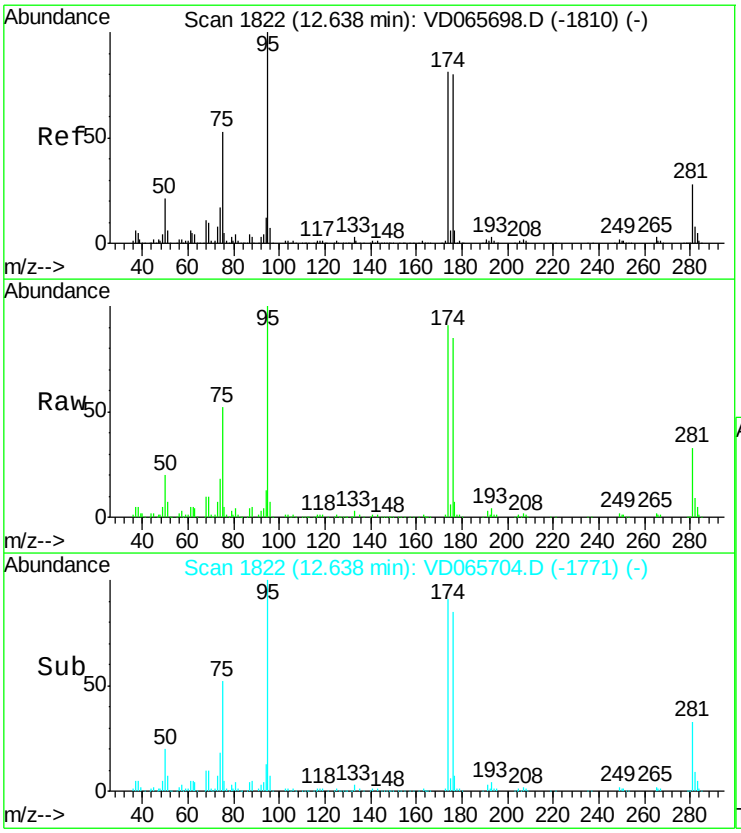
#59
2-Hexanone
Concen: 1.14 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Instrument : MSVOA_D
ClientSampleId : VD0507SBL01

Tgt Ion: 43 Resp: 2719

Ion	Ratio	Lower	Upper
43	100		
58	38.5	25.4	76.0

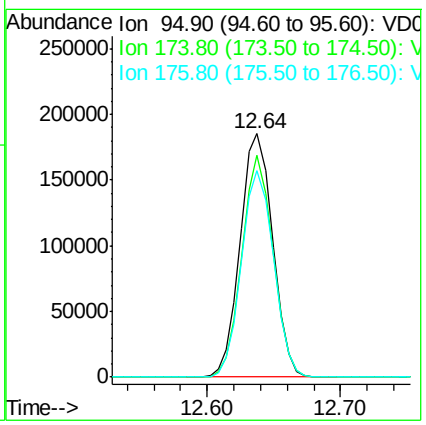


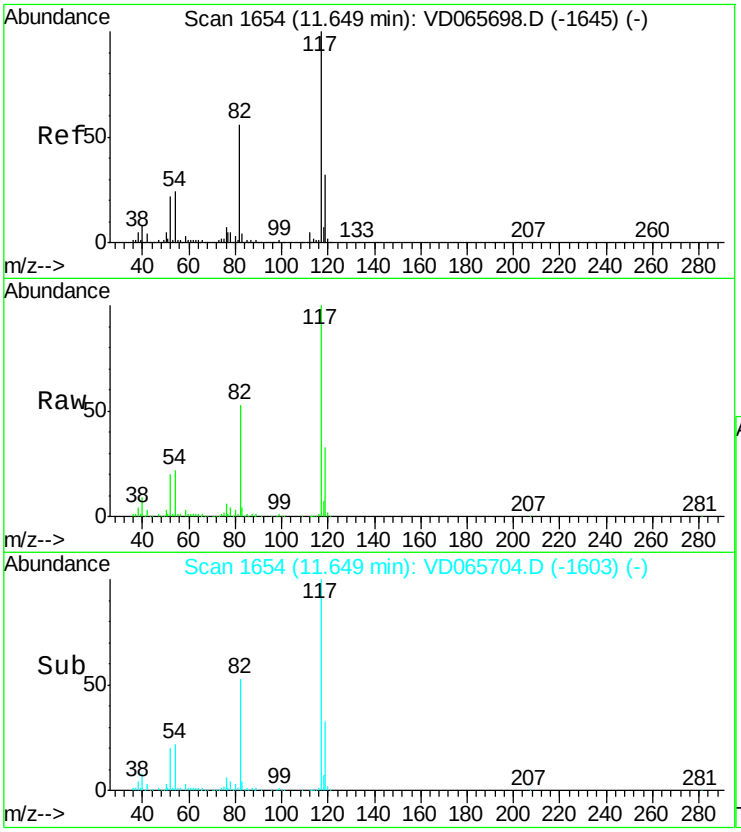


#62
4-Bromofluorobenzene
Concen: 48.58 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Tgt Ion: 95 Resp: 311947

Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	162.6
176	83.7	0.0	159.0



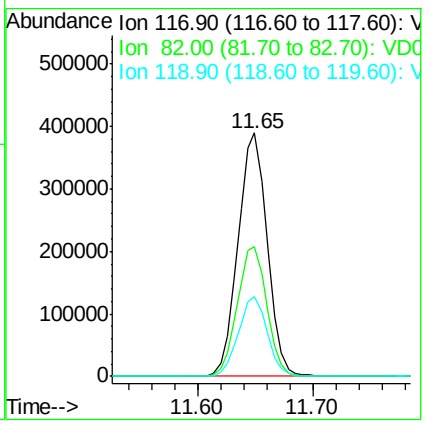


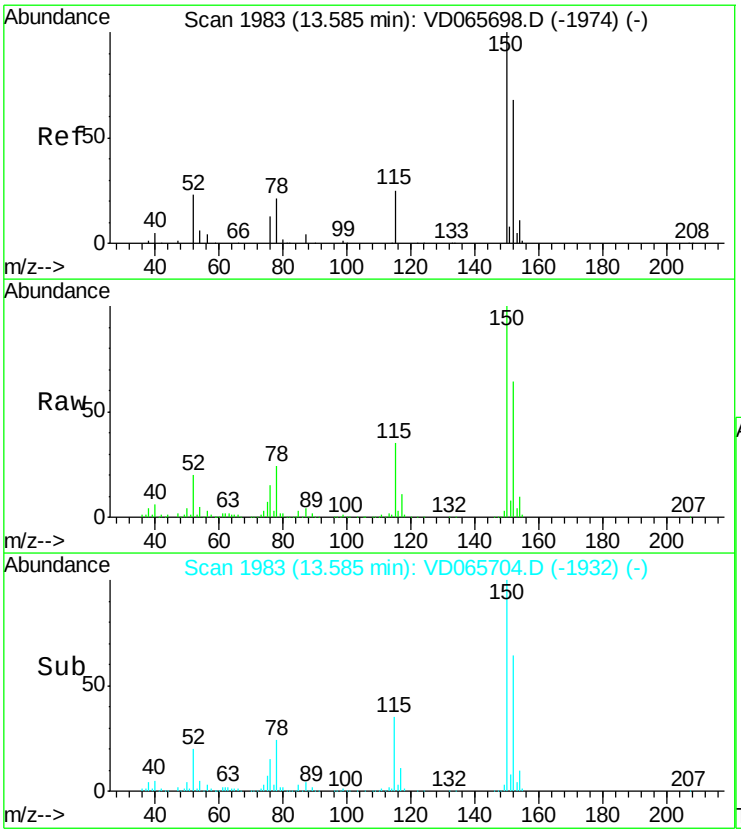
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

Tgt Ion:117 Resp: 681758

Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.9	67.3
119	33.0	25.4	38.2

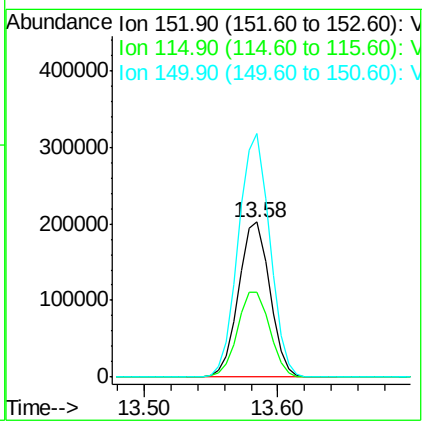


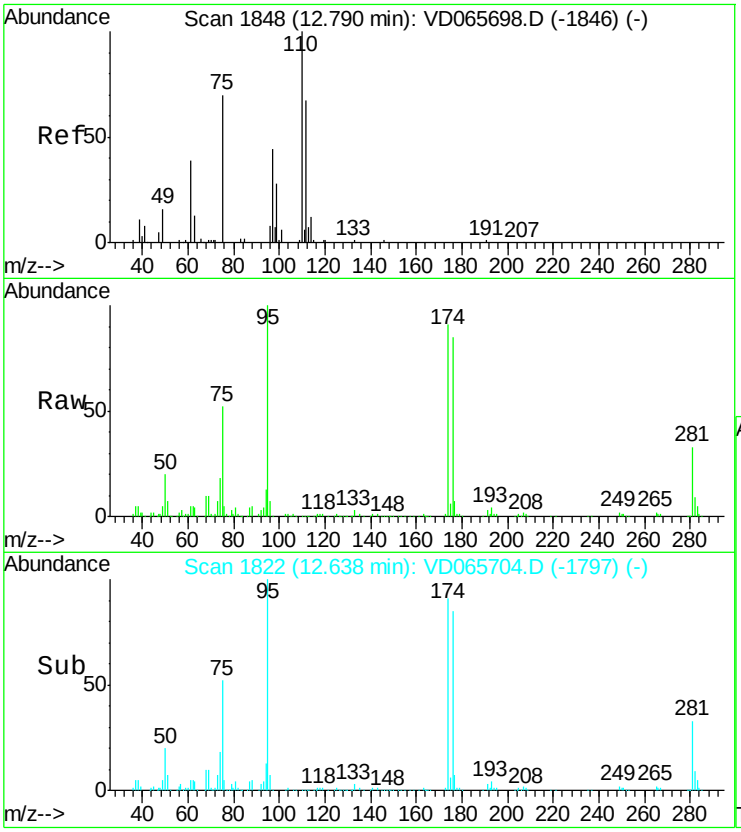


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Tgt Ion:152 Resp: 327910

Ion	Ratio	Lower	Upper
152	100		
115	56.9	29.5	88.5
150	158.1	0.0	346.8



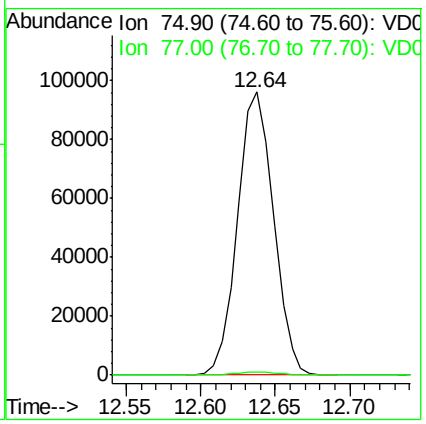


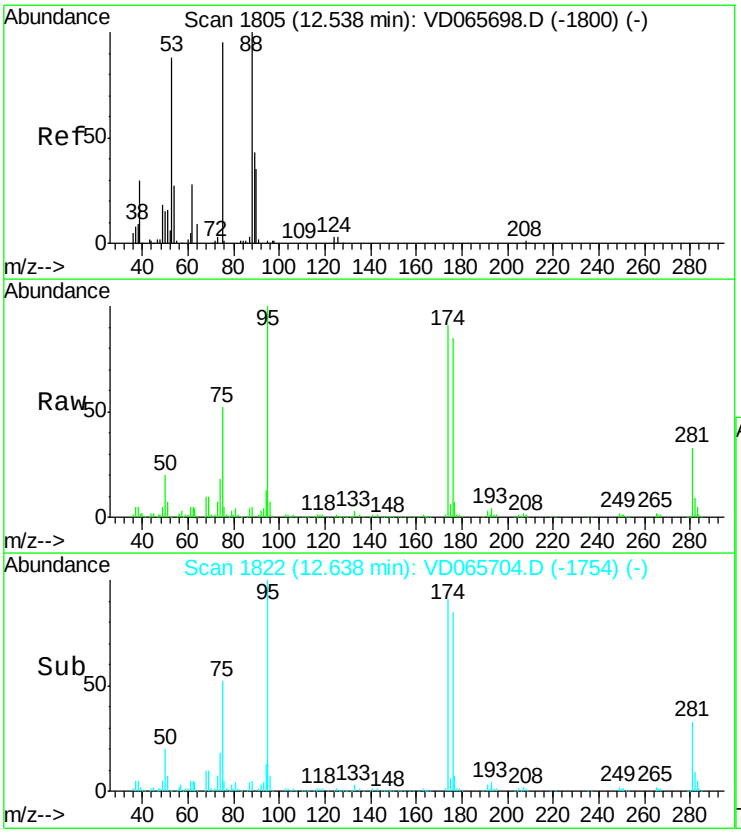
#76
1,2,3-Trichloropropane
Concen: 58.05 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBL01

Tgt Ion: 75 Resp: 160774

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 102.76 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.10 min
Lab File: VD065704.D
Acq: 07 May 2020 10:58

Tgt Ion: 75 Resp: 160774

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.8	113.8#
89	0.2	36.2	54.2#