Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
Data File : VD066180.D
Acq On : 11 Aug 2020 11:51
Operator : VA/SY
Sample : VD0811SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VD0811

Quant Time: Aug 11 15:14:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	305022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	510039	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	590646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	329452	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	133591	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.18%			
35) Dibromofluoromethane	7.91	113	155336	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.16%			
50) Toluene-d8	10.34	98	622247	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.38%			
62) 4-Bromofluorobenzene	12.63	95	290353	67.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 135.12%			
Target Compounds						Qvalue
10) Methyl Iodide	4.30	142	1790	7.306	ug/l #	60
11) Tert butyl alcohol	5.20	59	915	Below Cal	#	93
13) Acrolein	3.93	56	304	1.403	ug/l #	14
16) Acetone	4.17	43	1924	3.726	ug/l #	45
25) 2-Butanone	7.20	43	2787	3.670	ug/l #	47
29) Tetrahydrofuran	7.56	42	698	1.483	ug/l #	43
31) Cyclohexane	7.97	56	8146	1.709	ug/l #	31
76) 1,2,3-Trichloropropane	12.63	75	141742	51.591	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	141742	114.046	ug/l #	13

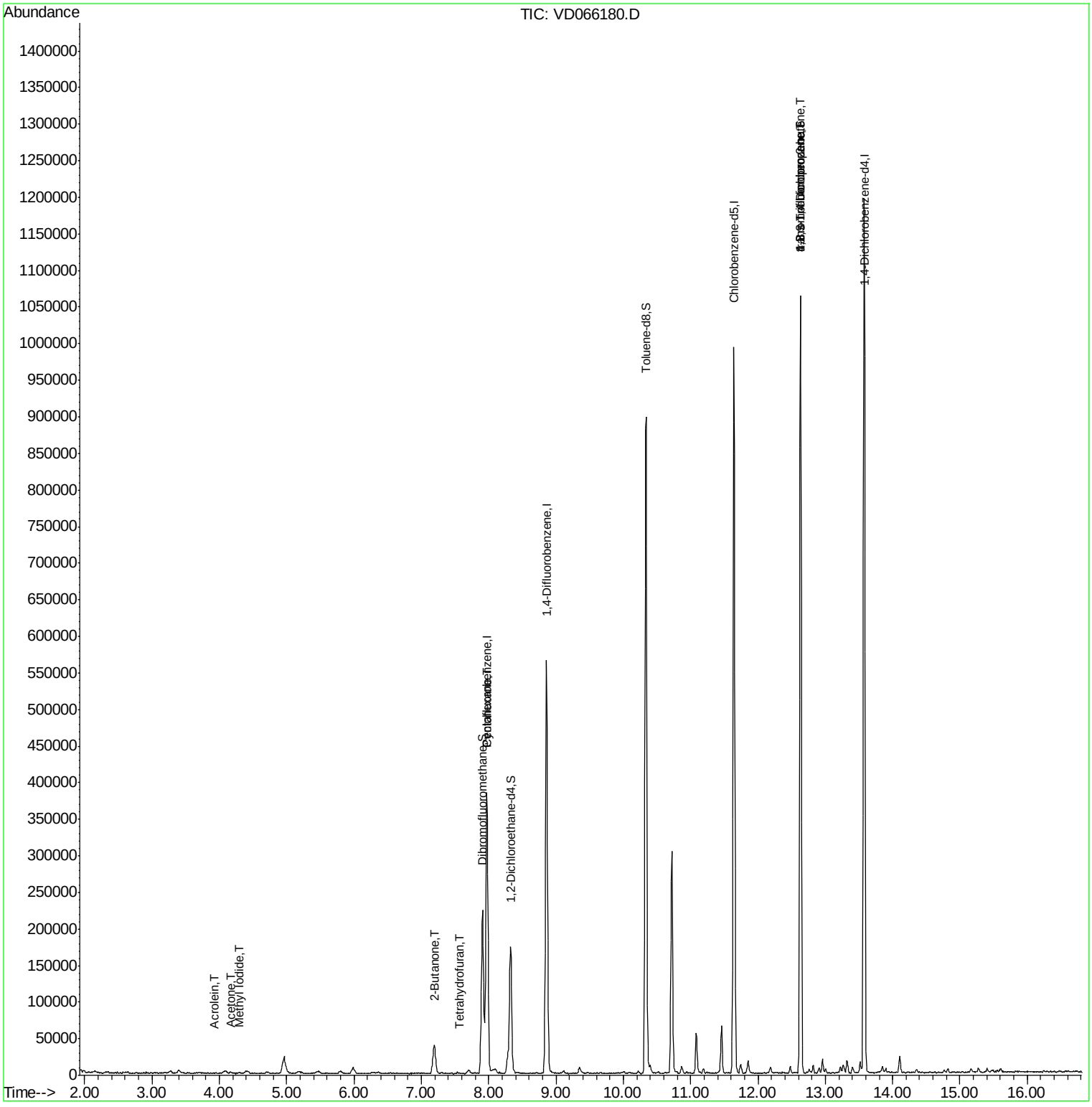
(#) = qualifier out of range (m) = manual integration (+) = signals summed

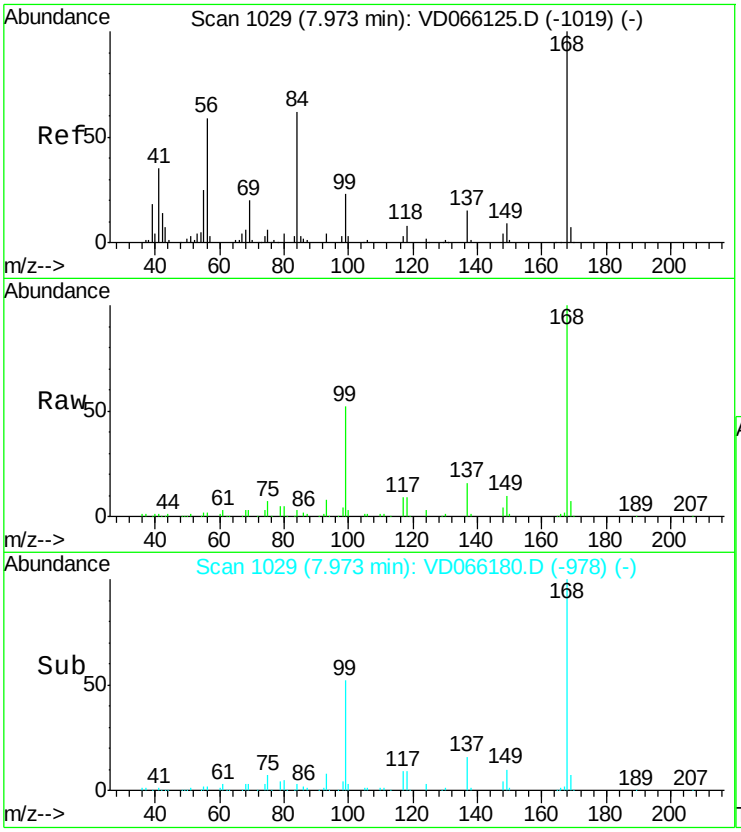
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081120\
Data File : VD066180.D
Acq On : 11 Aug 2020 11:51
Operator : VA/SY
Sample : VD0811SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VD0811

Quant Time: Aug 11 15:14:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration



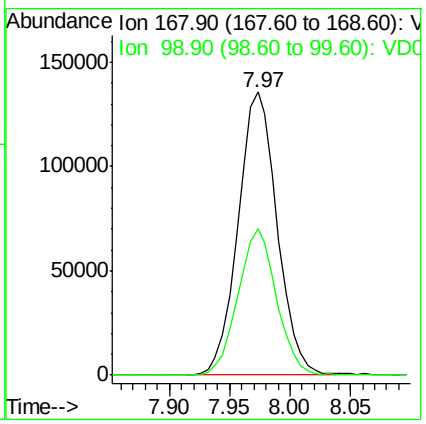


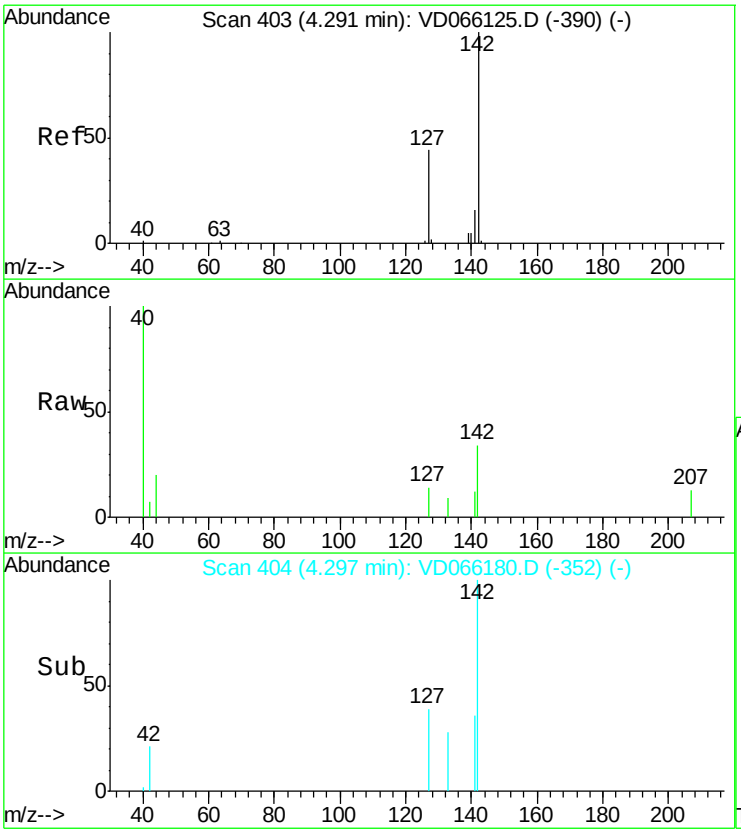
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VD066180.D
Acq: 11 Aug 2020 11:51

Instrument : MSVOA_N
ClientSampleId : VD0811

Tgt Ion:168 Resp: 305022

Ion	Ratio	Lower	Upper
168	100		
99	51.3	42.2	63.4

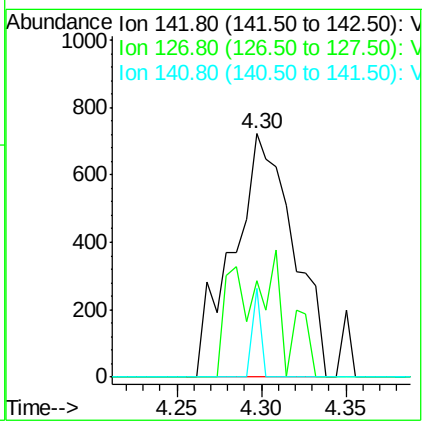


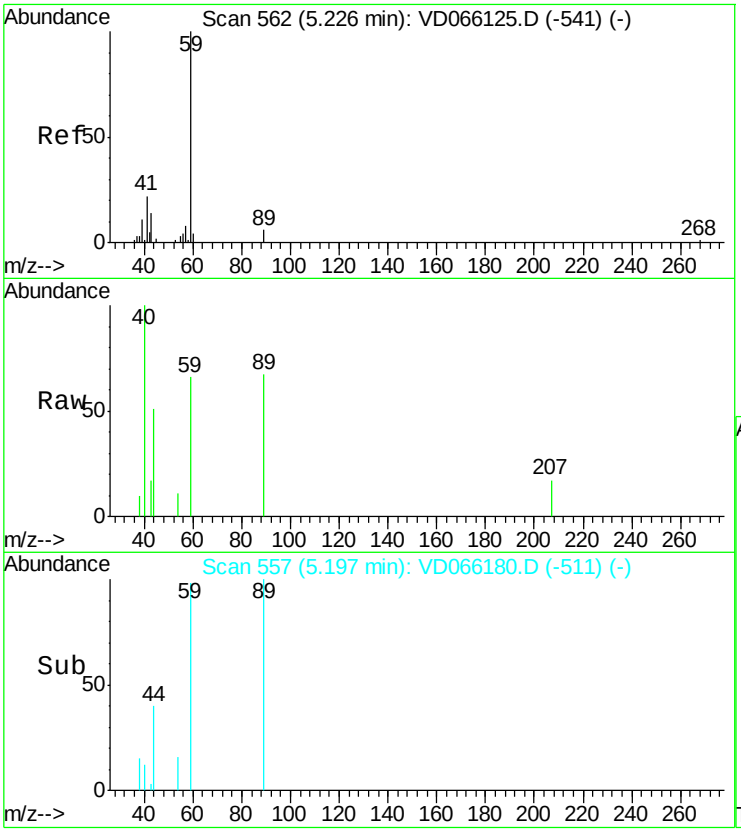


#10
Methyl Iodide
Concen: 7.306 ug/l
RT: 4.30 min Scan# 404
Delta R.T. 0.01 min
Lab File: VD066180.D
Acq: 11 Aug 2020 11:51

Tgt Ion:142 Resp: 1790

Ion	Ratio	Lower	Upper
142	100		
127	15.6	36.2	54.4#
141	5.1	12.6	18.8#



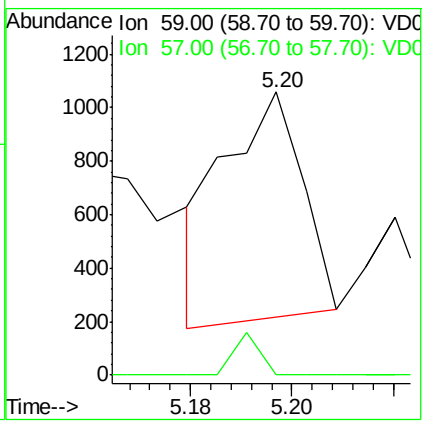


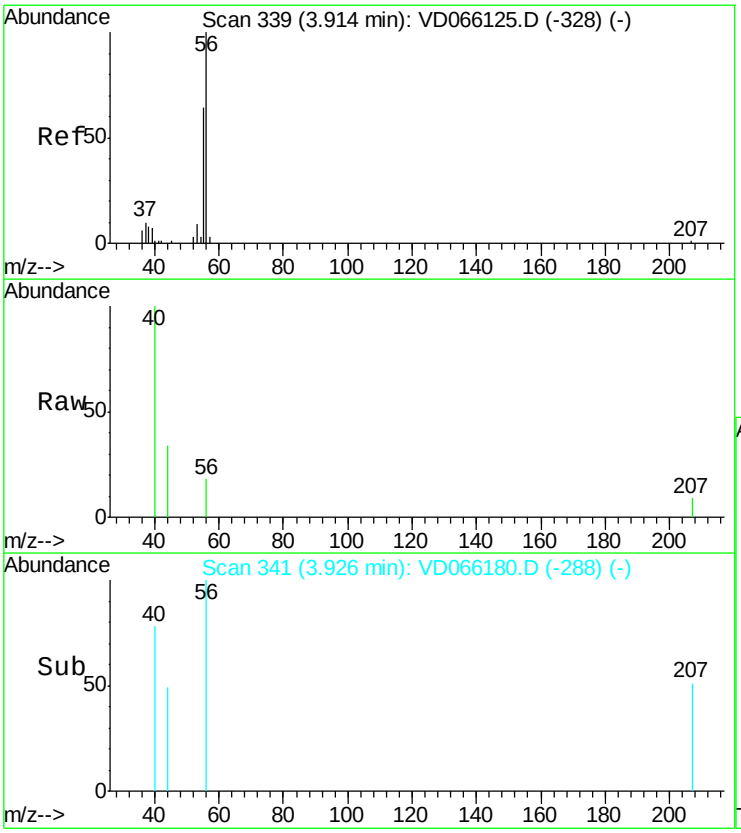
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.20 min Scan# 557
Delta R.T. -0.03 min
Lab File: VD066180.D
Acq: 11 Aug 2020 11:51

Instrument : MSVOA_N
ClientSampleId : VD0811

Tgt Ion: 59 Resp: 915

Ion	Ratio	Lower	Upper
59	100		
57	6.2	7.0	10.4#

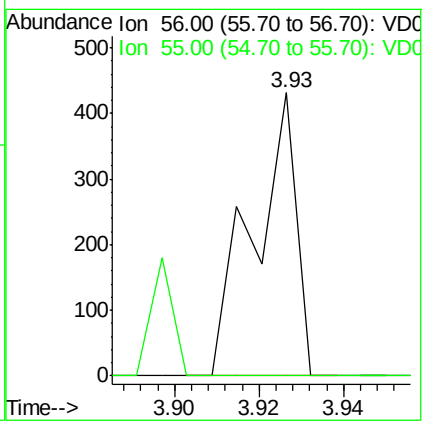


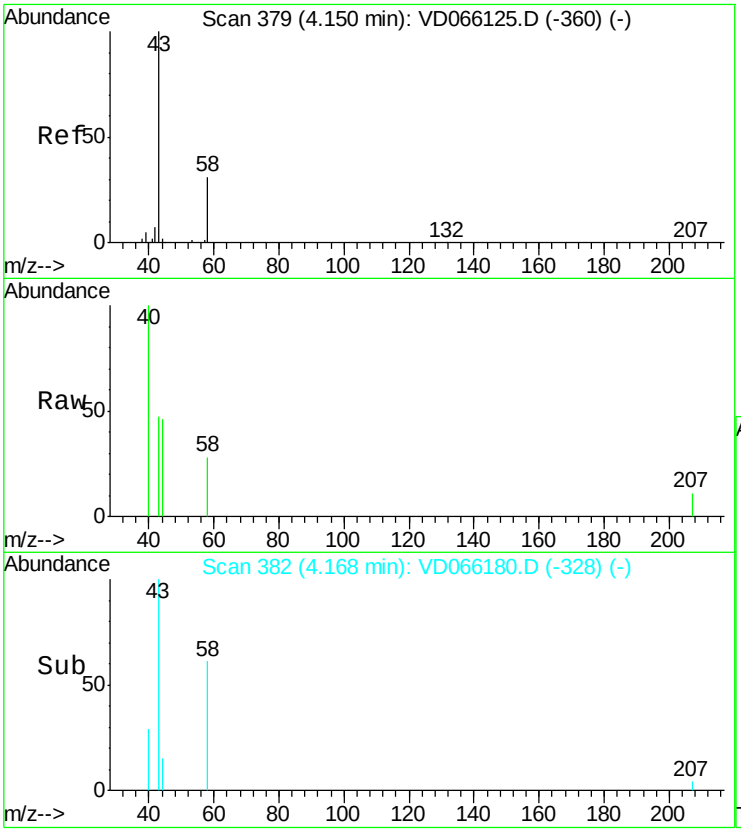


#13
Acrolein
Concen: 1.403 ug/l
RT: 3.93 min Scan# 341
Delta R.T. 0.01 min
Lab File: VD066180.D
Acq: 11 Aug 2020 11:51

Tgt Ion: 56 Resp: 304

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.7	85.1#



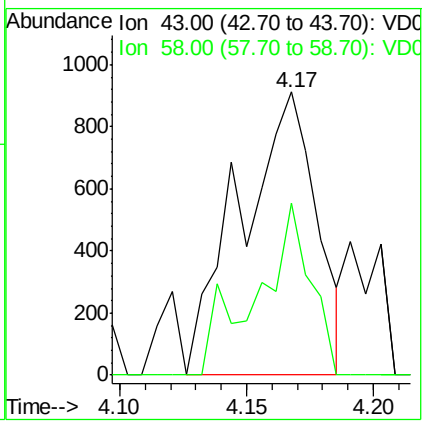


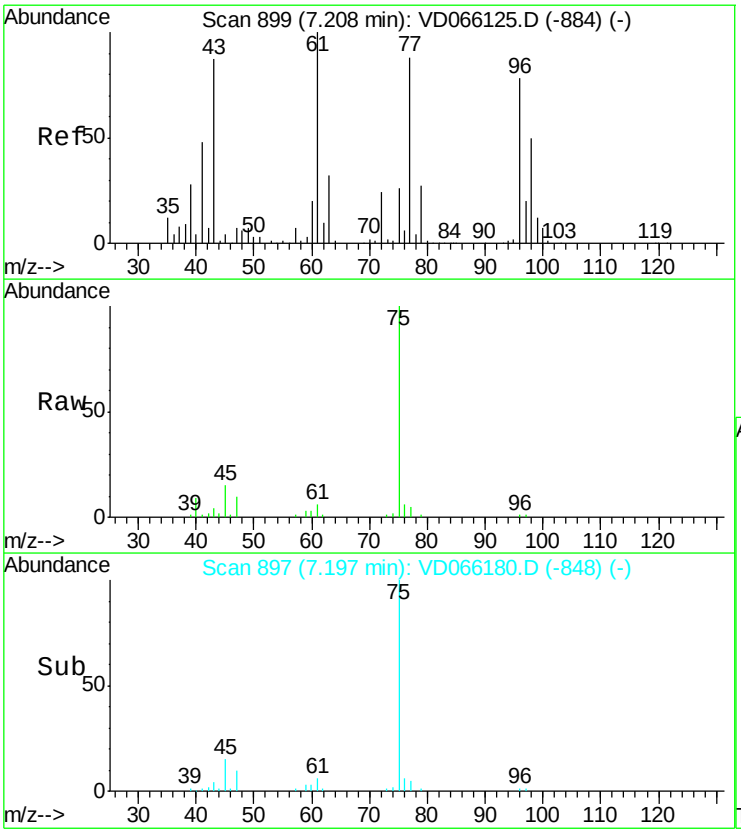
#16
Acetone
Concen: 3.726 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.02 min
Lab File: VD066180.D
Acq: 11 Aug 2020 11:51

Instrument : MSVOA_N
ClientSampleId : VD0811

Tgt Ion: 43 Resp: 1924

Ion	Ratio	Lower	Upper
43	100		
58	61.0	24.7	37.1#

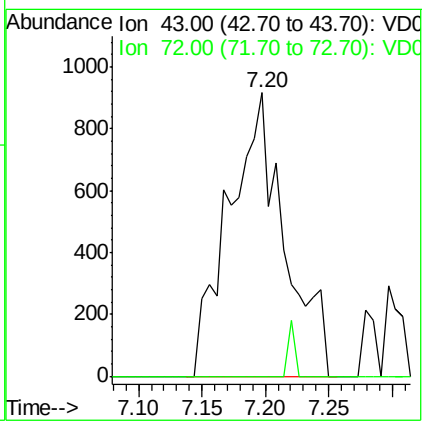


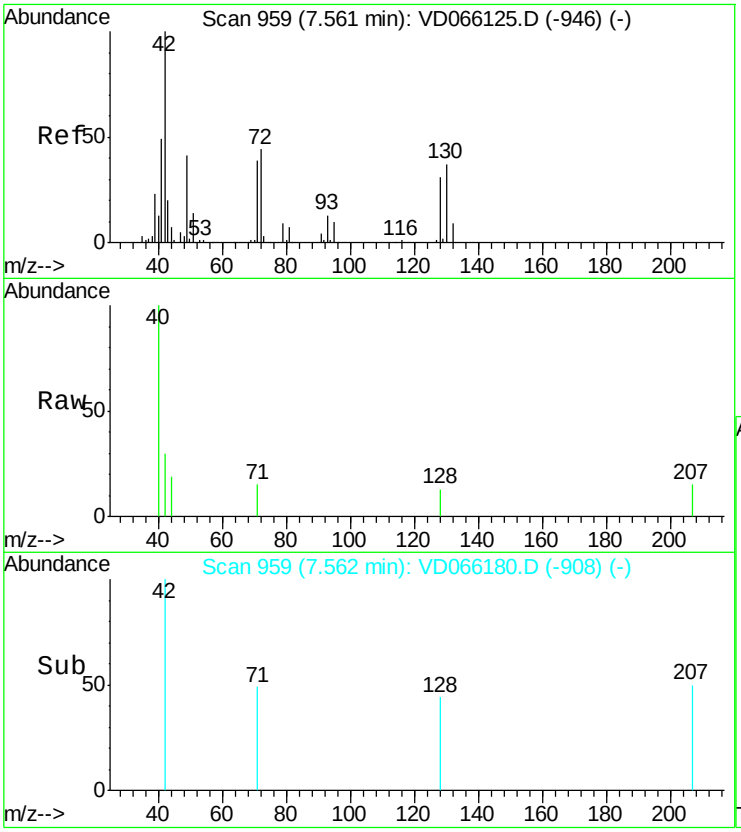


#25
2-Butanone
Concen: 3.670 ug/l
RT: 7.20 min Scan# 897
Delta R.T. -0.01 min
Lab File: VD066180.D
Acq: 11 Aug 2020 11:51

Tgt Ion: 43 Resp: 2787

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.2	33.2#



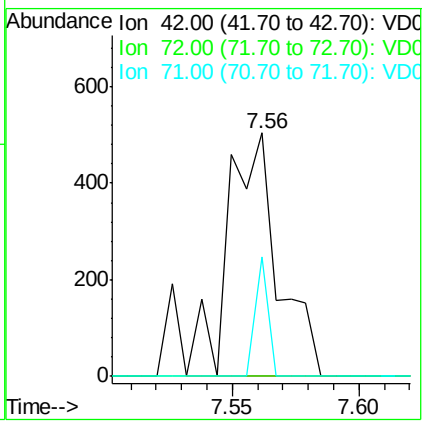


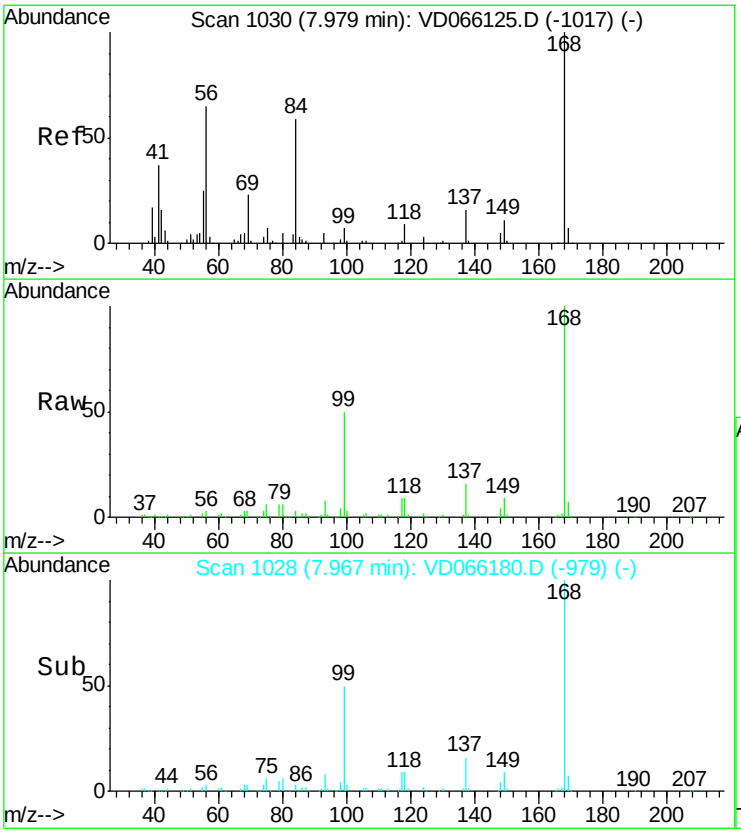
#29
Tetrahydrofuran
Concen: 1.483 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066180.D
Acq: 11 Aug 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VD0811

Tgt Ion: 42 Resp: 698

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.8	52.2#
71	12.5	33.5	50.3#

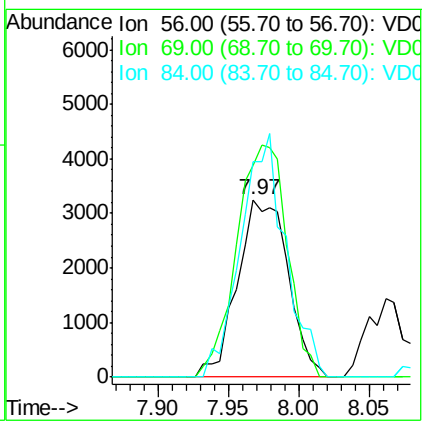


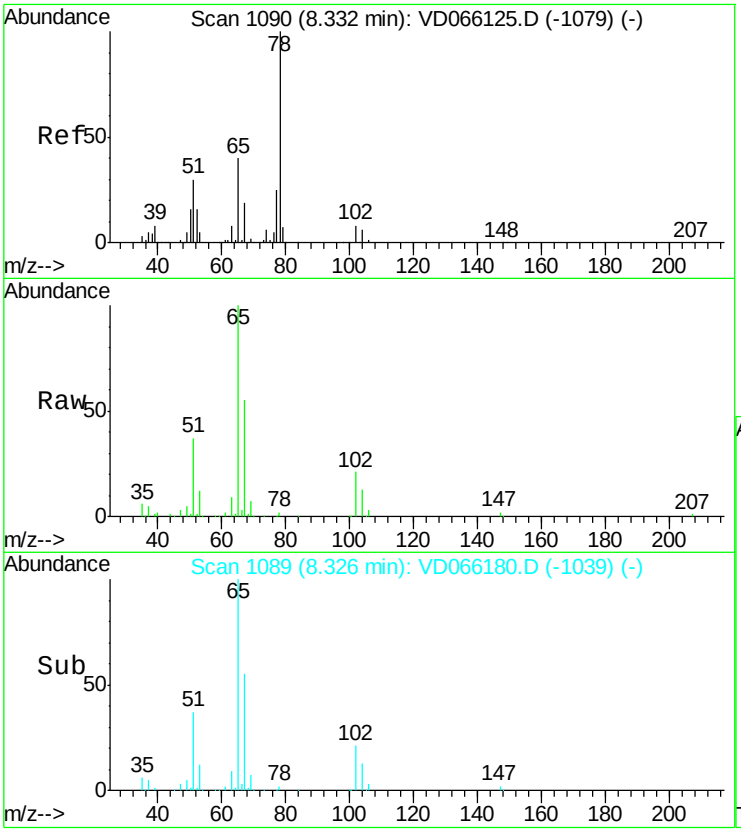


#31
Cyclohexane
Concen: 1.709 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VD066180.D
Acq: 11 Aug 2020 11:51

Tgt Ion: 56 Resp: 8146

Ion	Ratio	Lower	Upper
56	100		
69	119.5	28.8	43.2#
84	129.2	73.0	109.6#



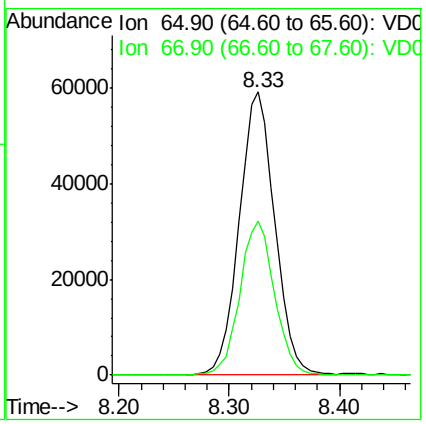


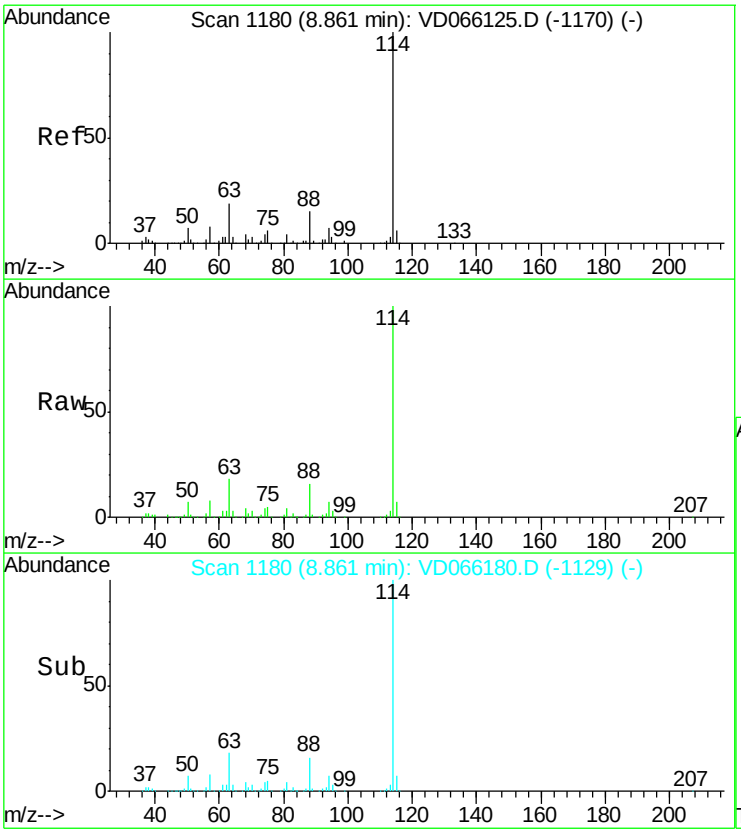
#33
1,2-Dichloroethane-d4
Concen: 49.092 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066180.D
Acq: 11 Aug 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VD0811

Tgt Ion: 65 Resp: 133591

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	104.6

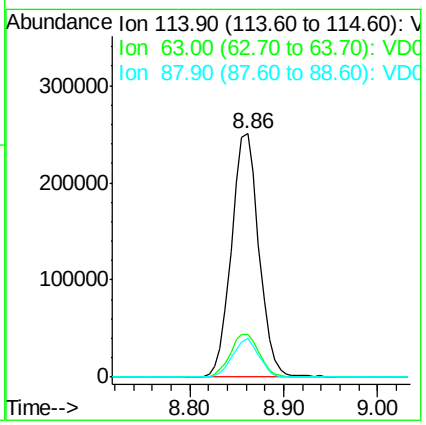


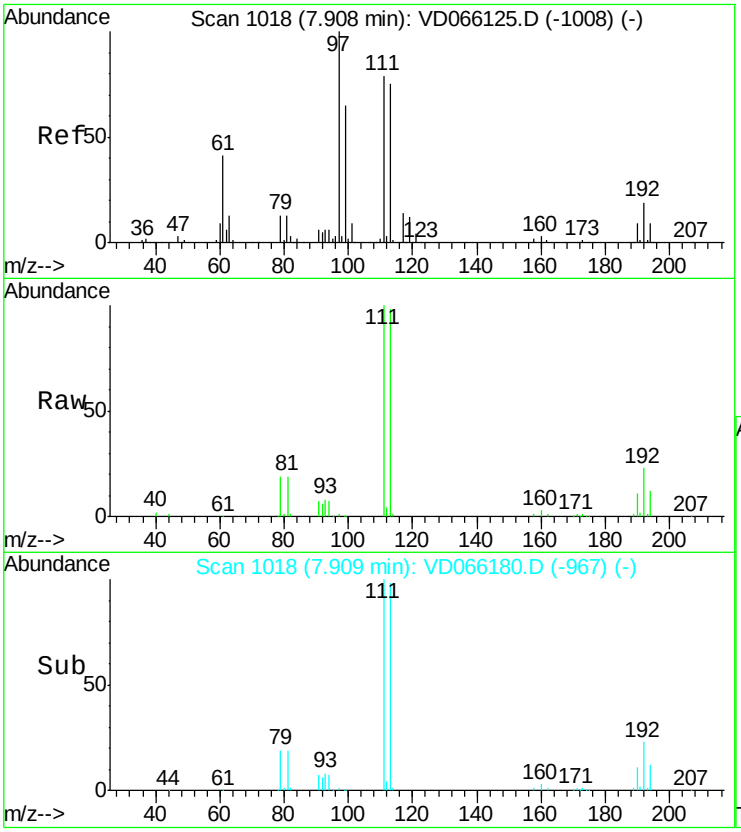


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD066180.D
Acq: 11 Aug 2020 11:51

Tgt Ion:114 Resp: 510039

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	38.6
88	15.8	0.0	30.0



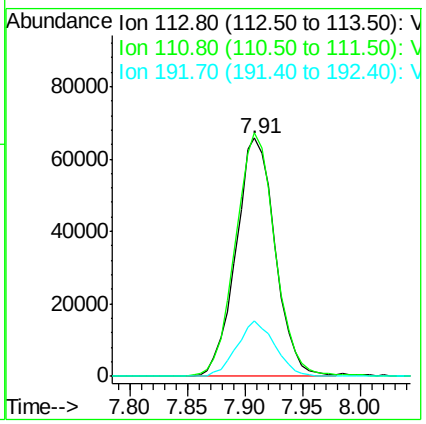


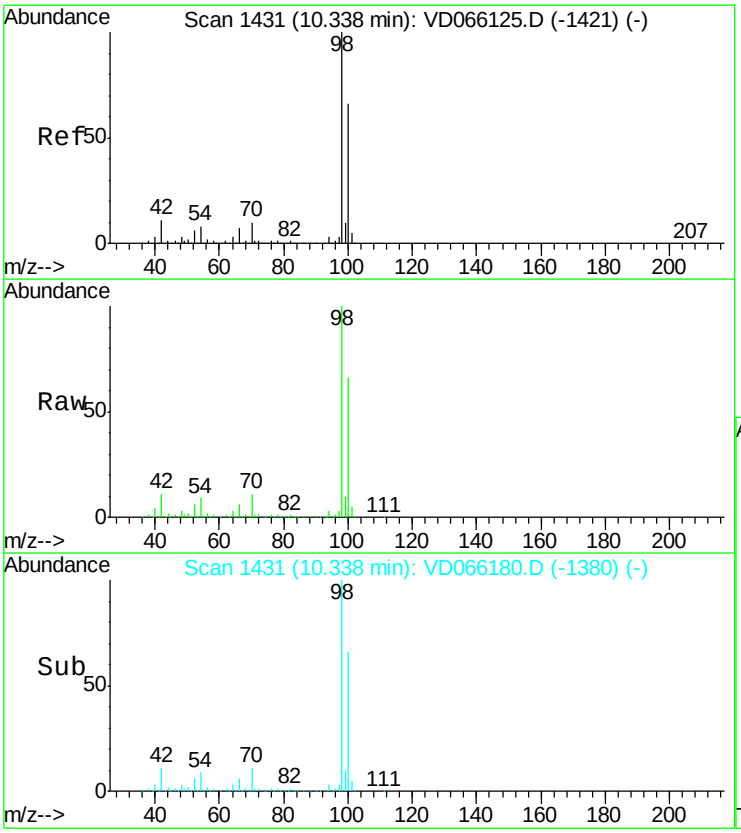
#35
Dibromofluoromethane
Concen: 48.076 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD066180.D
Acq: 11 Aug 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VD0811

Tgt Ion:113 Resp: 155336

Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.7	121.1
192	22.6	18.4	27.6

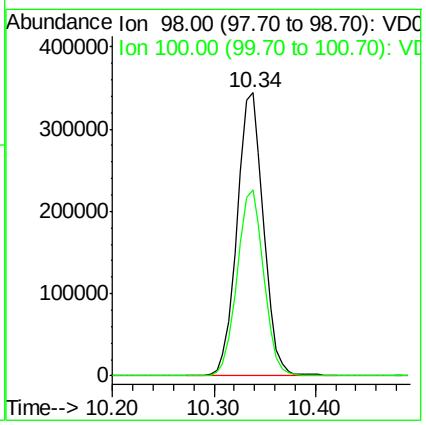


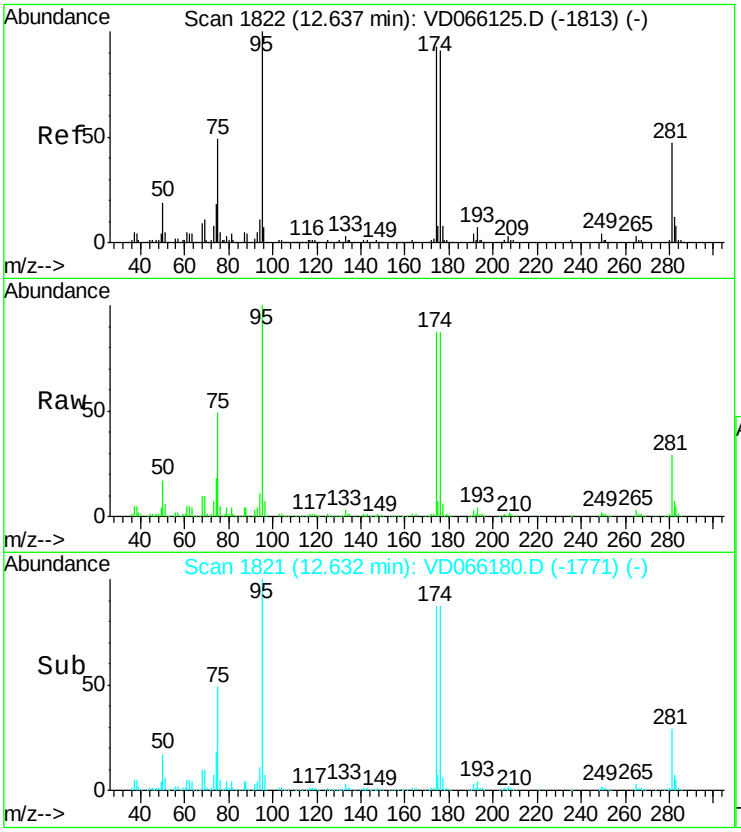


#50
Toluene-d8
Concen: 52.187 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066180.D
Acq: 11 Aug 2020 11:51

Tgt Ion: 98 Resp: 622247

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.6	78.8



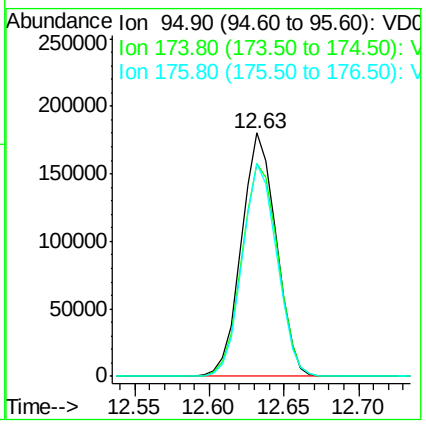


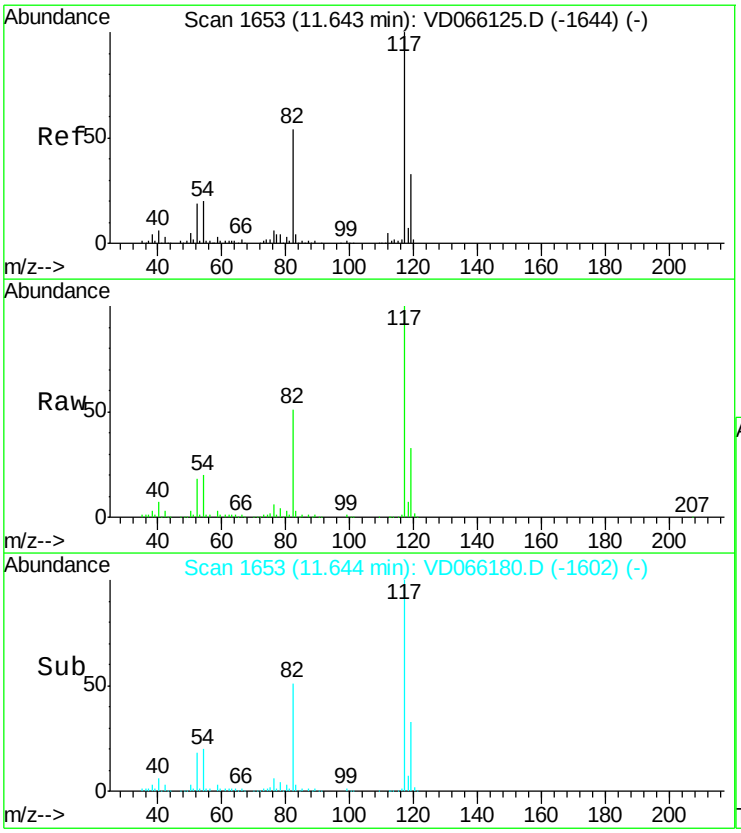
#62
4-Bromofluorobenzene
Concen: 67.557 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066180.D
Acq: 11 Aug 2020 11:51

Instrument : MSVOA_N
ClientSampleId : VD0811

Tgt Ion: 95 Resp: 290353

Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	180.8
176	86.9	0.0	181.2

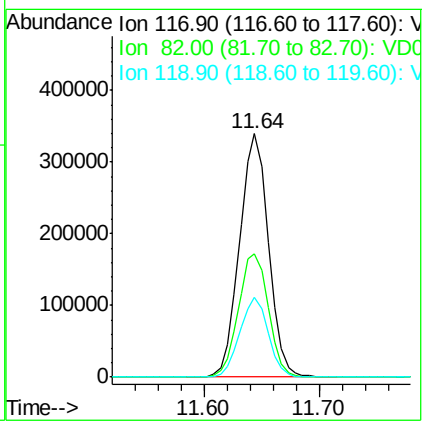


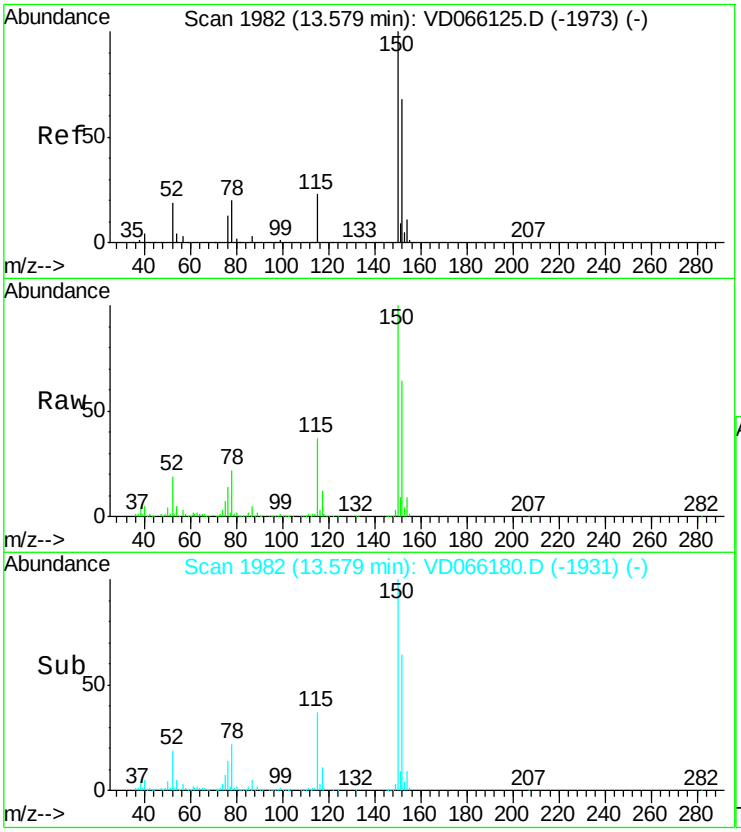


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066180.D
Acq: 11 Aug 2020 11:51

Tgt Ion:117 Resp: 590646

Ion	Ratio	Lower	Upper
117	100		
82	50.9	43.0	64.4
119	32.9	26.1	39.1



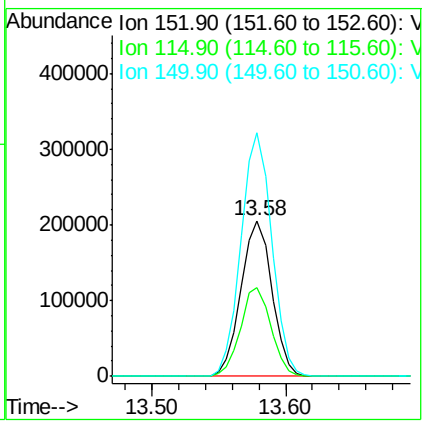


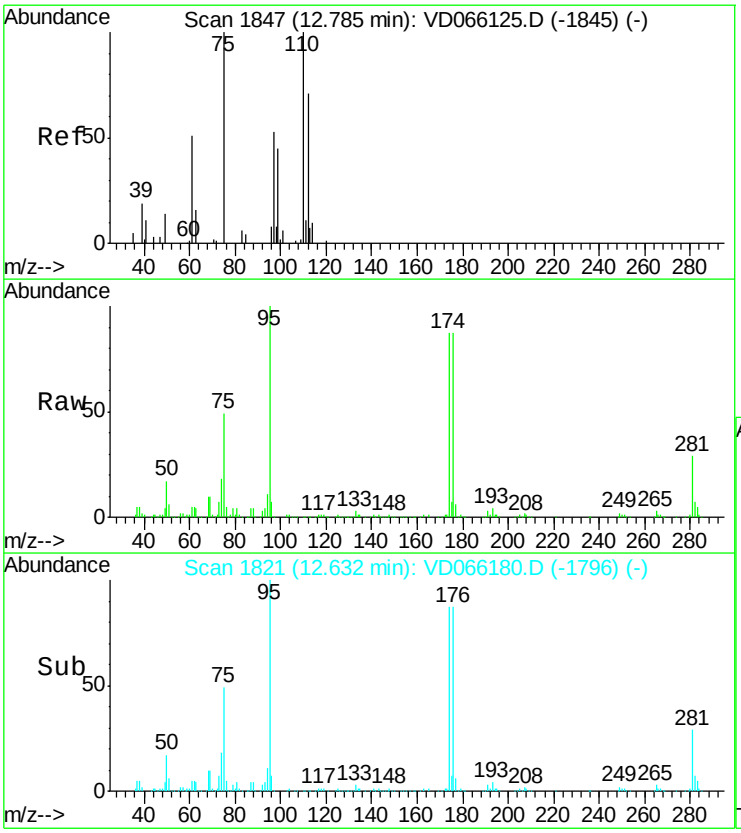
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066180.D
Acq: 11 Aug 2020 11:51

Instrument : MSVOA_N
ClientSampleId : VD0811

Tgt Ion:152 Resp: 329452

Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.0	83.9
150	155.5	0.0	346.4

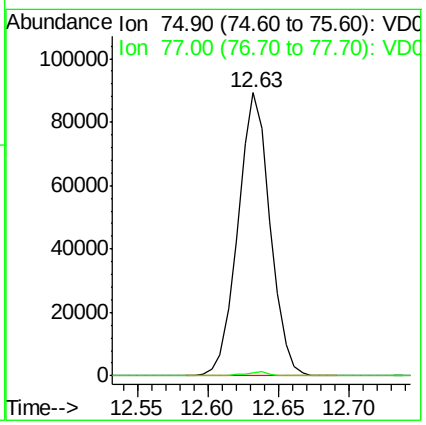


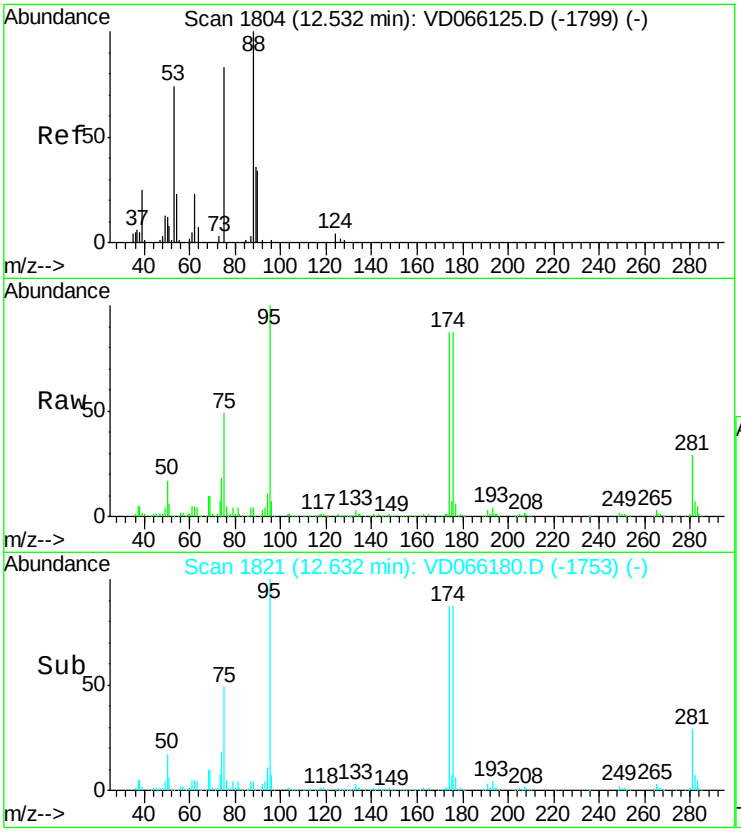


#76
1,2,3-Trichloropropane
Concen: 51.591 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066180.D
Acq: 11 Aug 2020 11:51

Tgt Ion: 75 Resp: 141742

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 114.046 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD066180.D
Acq: 11 Aug 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VD0811

Tgt Ion: 75 Resp: 141742

Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.4	110.2#
89	0.4	36.6	55.0#