Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080620\
Data File : VD066131.D
Acq On : 06 Aug 2020 12:15
Operator : VA/SY
Sample : VD0806SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0806SBL01

Quant Time: Aug 07 01:24:17 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	344289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	540468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	598904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	323747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	142904	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.04%			
35) Dibromofluoromethane	7.91	113	164996	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.38%			
50) Toluene-d8	10.34	98	647867	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.56%			
62) 4-Bromofluorobenzene	12.63	95	290481	63.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 127.56%			
Target Compounds						Qvalue
10) Methyl Iodide	4.29	142	1875	7.263	ug/l #	91
11) Tert butyl alcohol	5.19	59	6610	Below Cal	#	76
13) Acrolein	3.93	56	361	1.477	ug/l #	51
16) Acetone	4.16	43	2880	4.942	ug/l	100
20) Methylene Chloride	4.95	84	25329	3.202	ug/l	95
25) 2-Butanone	7.20	43	5068	5.912	ug/l #	86
26) 2,2-Dichloropropane	7.19	77	8010	1.581	ug/l #	64
29) Tetrahydrofuran	7.56	42	651	1.226	ug/l #	64
31) Cyclohexane	7.97	56	8701	1.617	ug/l #	3
76) 1,2,3-Trichloropropane	12.63	75	146558	54.284	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	146558	119.999	ug/l #	13

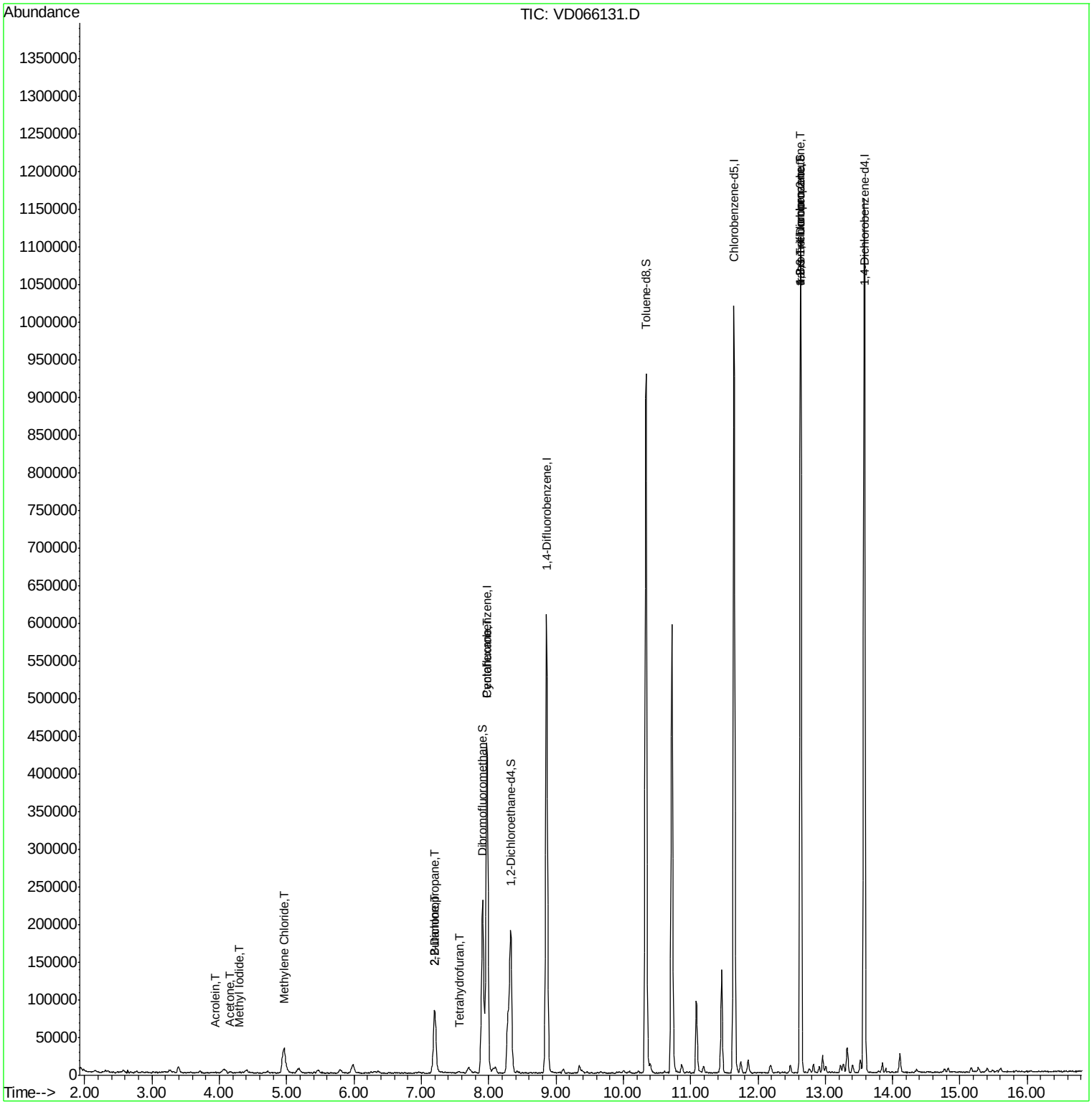
(#) = qualifier out of range (m) = manual integration (+) = signals summed

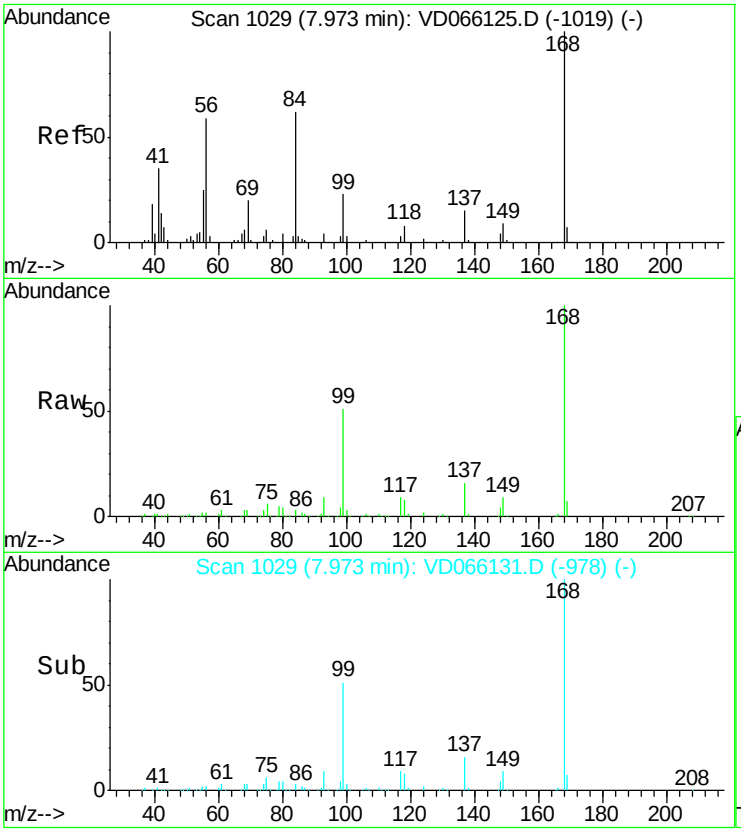
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
Data File : VD066131.D
Acq On : 06 Aug 2020 12:15
Operator : VA/SY
Sample : VD0806SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

Quant Time: Aug 07 01:24:17 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



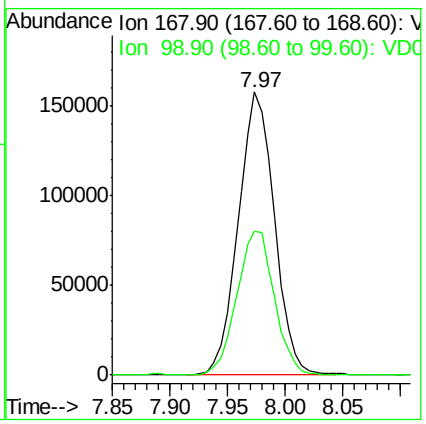


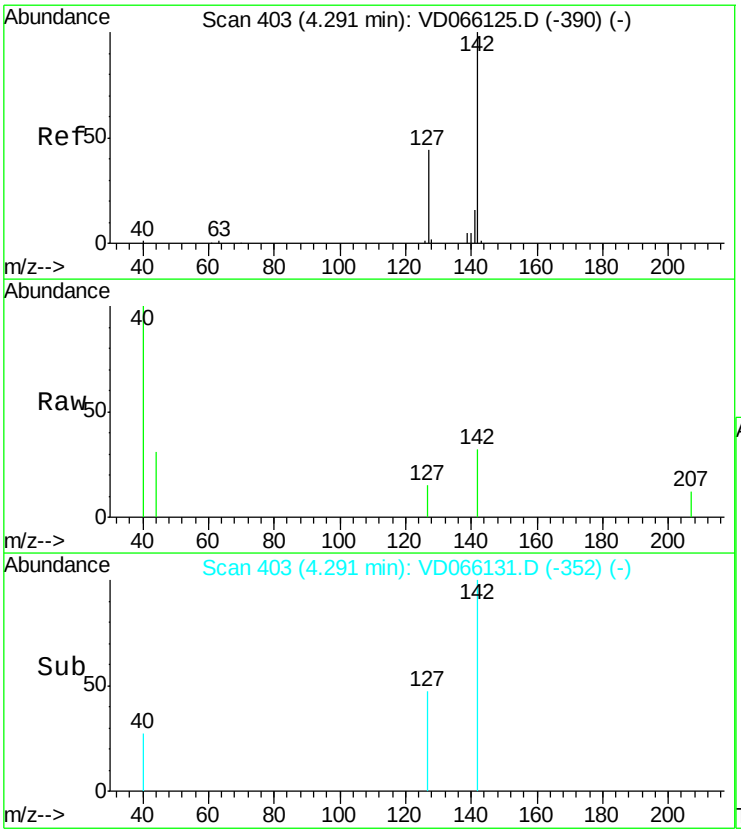
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Instrument : MSVOA_D
ClientSampleId : VD0806SBL01

Tgt Ion:168 Resp: 344289

Ion	Ratio	Lower	Upper
168	100		
99	50.6	42.2	63.4

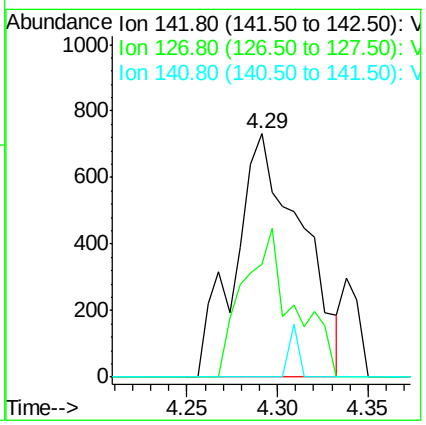


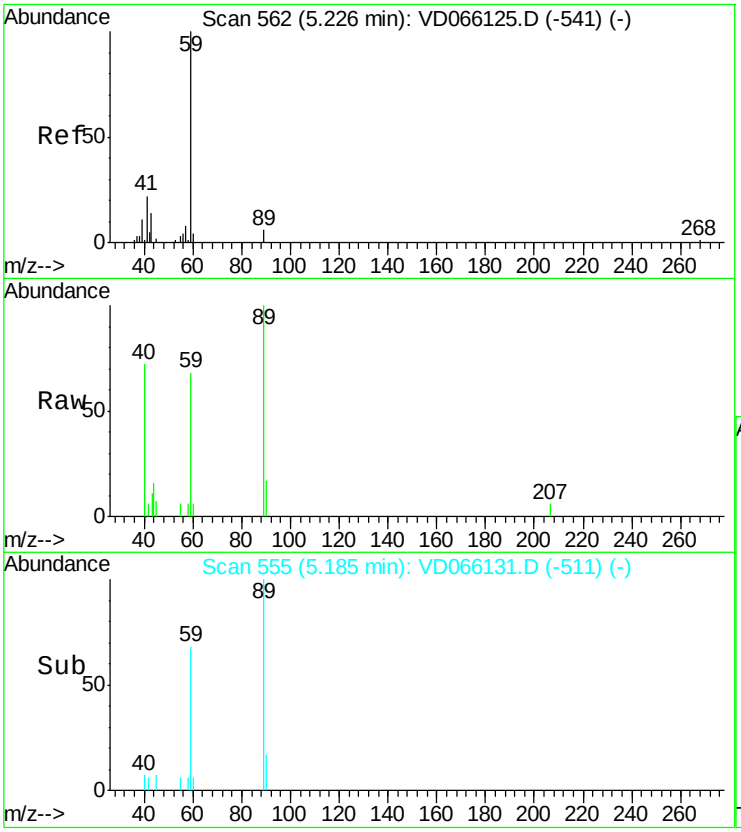


#10
Methyl Iodide
Concen: 7.263 ug/l
RT: 4.29 min Scan# 403
Delta R.T. 0.00 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Tgt Ion:142 Resp: 1875

Ion	Ratio	Lower	Upper
142	100		
127	46.3	36.2	54.4
141	3.0	12.6	18.8#



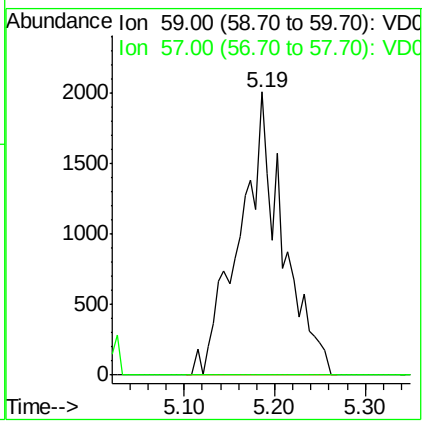


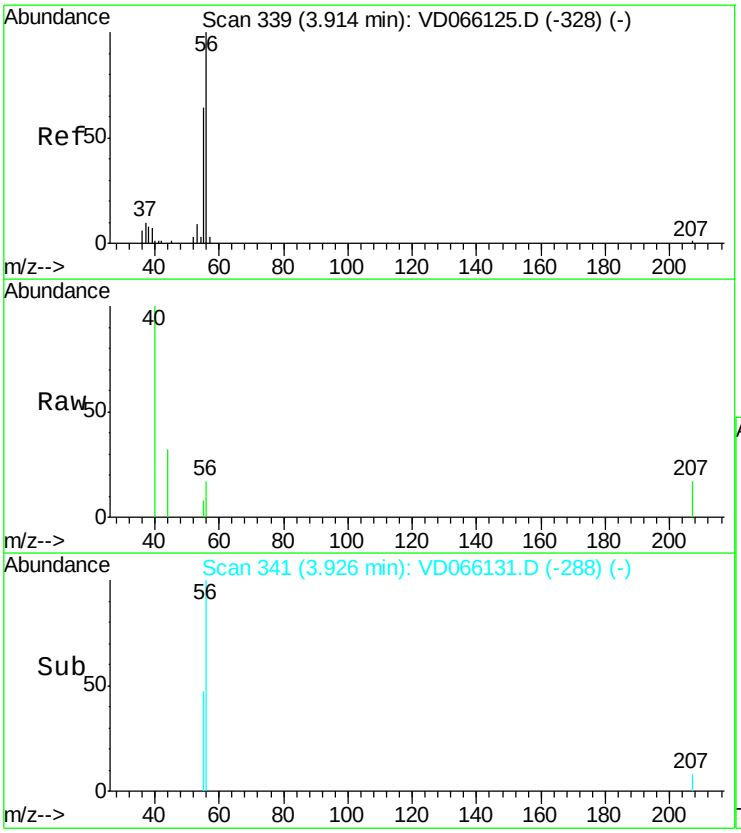
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.19 min Scan# 555
Delta R.T. -0.04 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

Tgt Ion: 59 Resp: 6610

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.0	10.4#

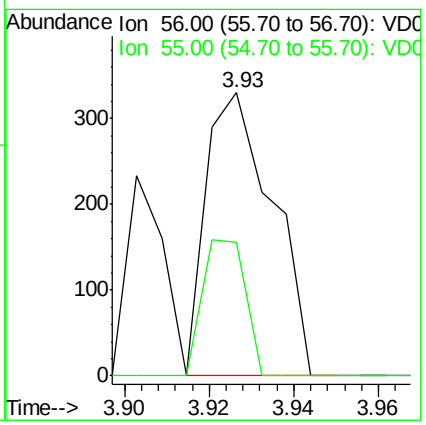


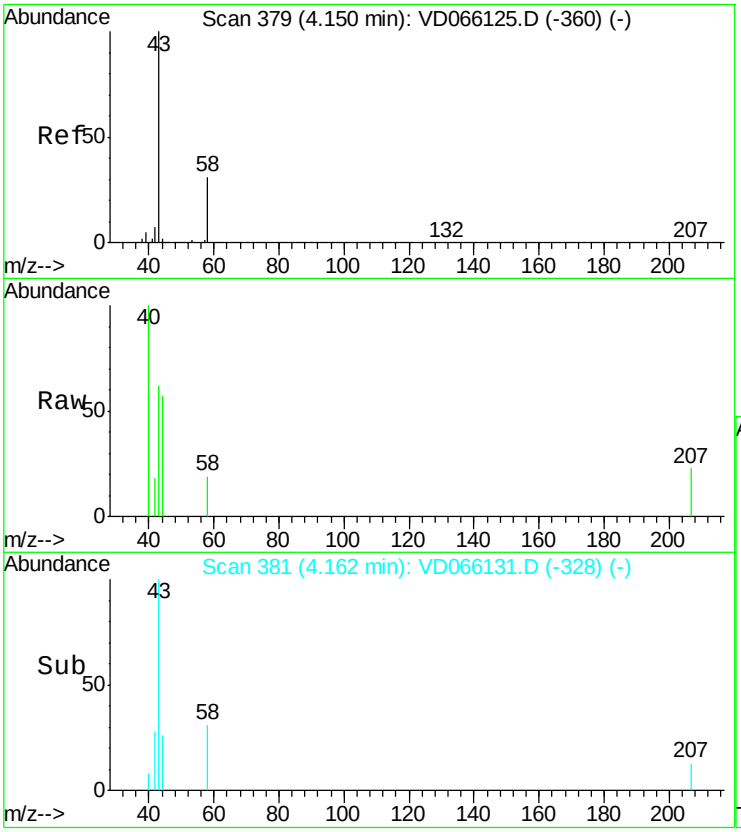


#13
Acrolein
Concen: 1.477 ug/l
RT: 3.93 min Scan# 341
Delta R.T. 0.01 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Tgt Ion: 56 Resp: 361

Ion	Ratio	Lower	Upper
56	100		
55	30.7	56.7	85.1#



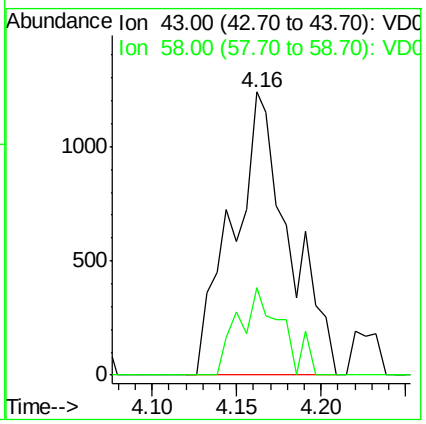


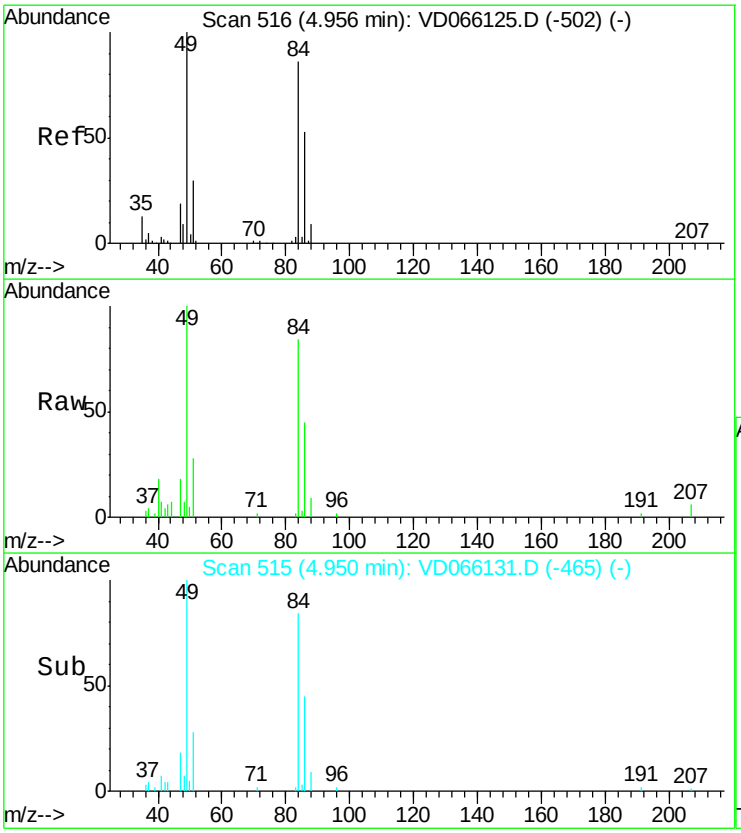
#16
Acetone
Concen: 4.942 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Instrument : MSVOA_D
ClientSampleId : VD0806SBL01

Tgt Ion: 43 Resp: 2880

Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.7	37.1

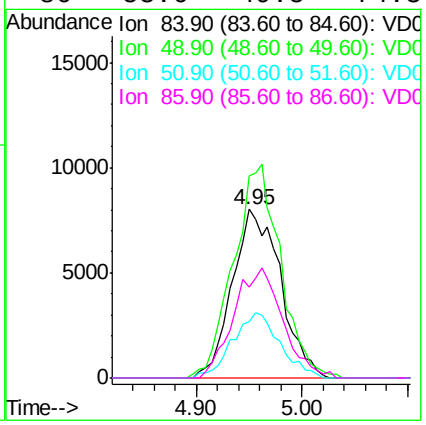


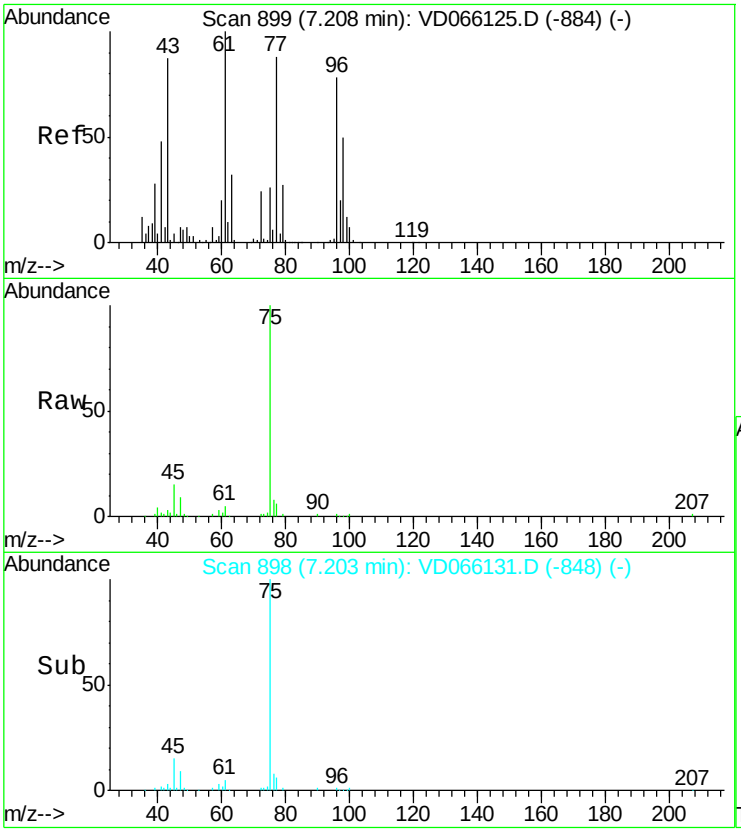


#20
Methylene Chloride
Concen: 3.202 ug/l
RT: 4.95 min Scan# 515
Delta R.T. -0.01 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Tgt Ion: 84 Resp: 25329

Ion	Ratio	Lower	Upper
84	100		
49	119.7	93.5	140.3
51	33.2	28.2	42.4
86	53.6	49.5	74.3



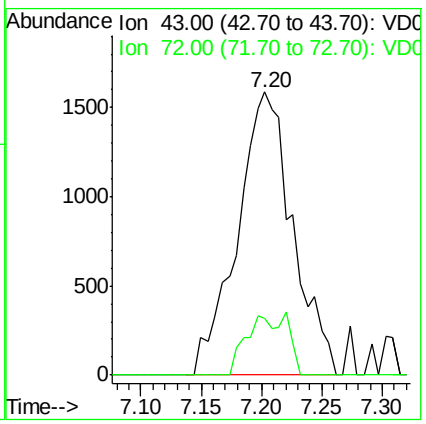


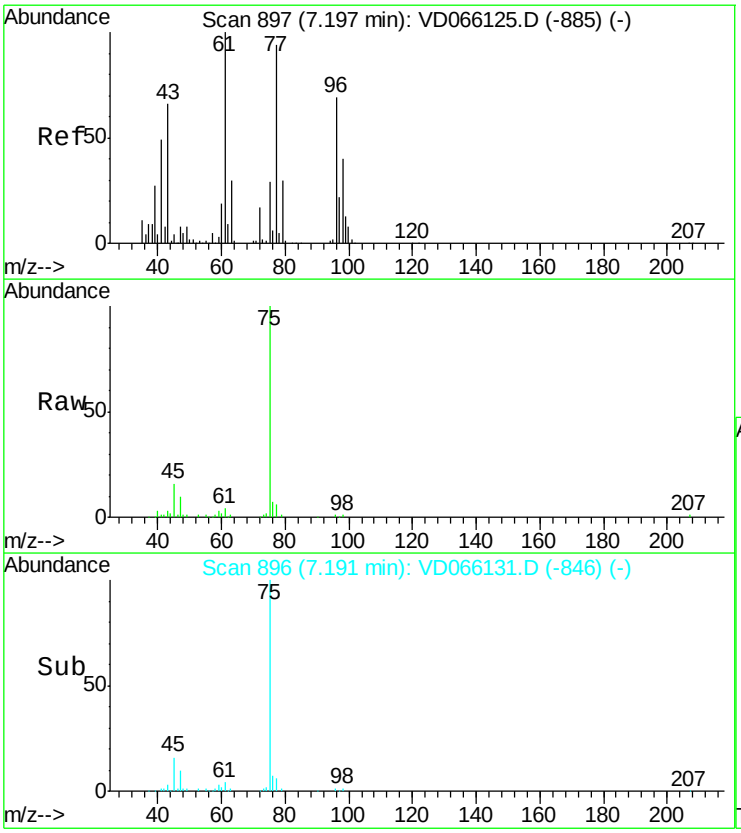
#25
2-Butanone
Concen: 5.912 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

Tgt Ion: 43 Resp: 5068

Ion	Ratio	Lower	Upper
43	100		
72	20.2	22.2	33.2#

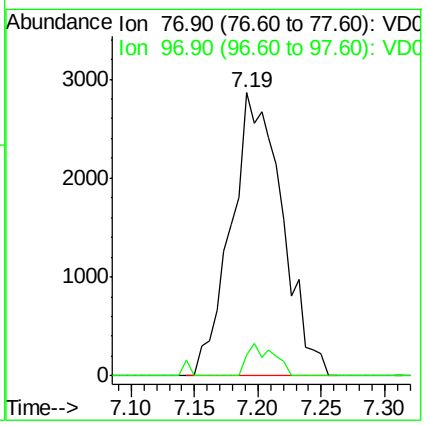


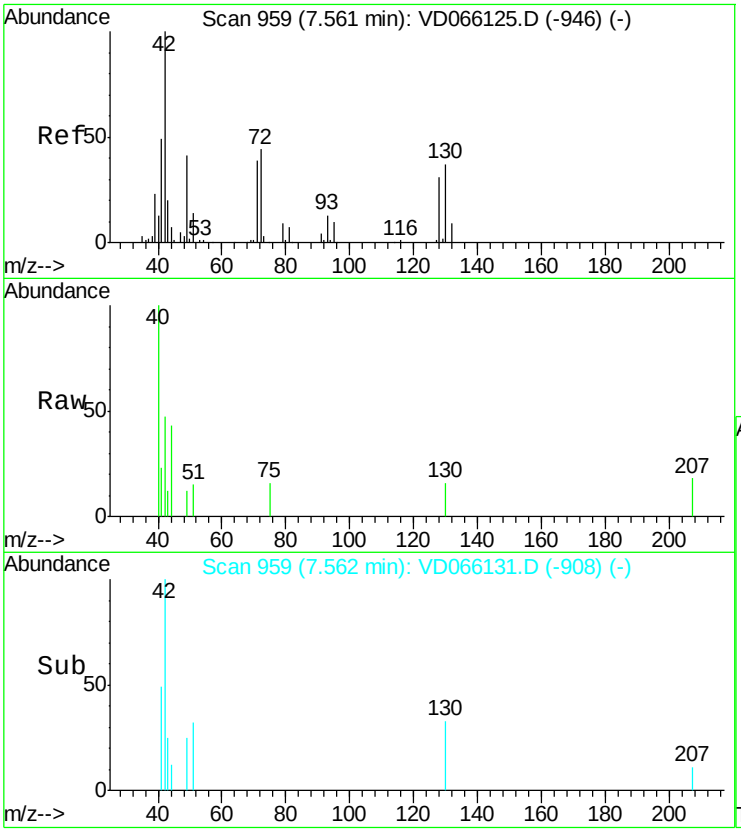


#26
2,2-Dichloropropane
Concen: 1.581 ug/l
RT: 7.19 min Scan# 896
Delta R.T. -0.01 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Tgt Ion: 77 Resp: 8010

Ion	Ratio	Lower	Upper
77	100		
97	5.9	11.8	35.3#



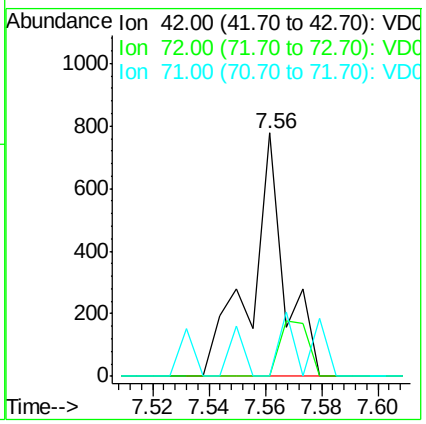


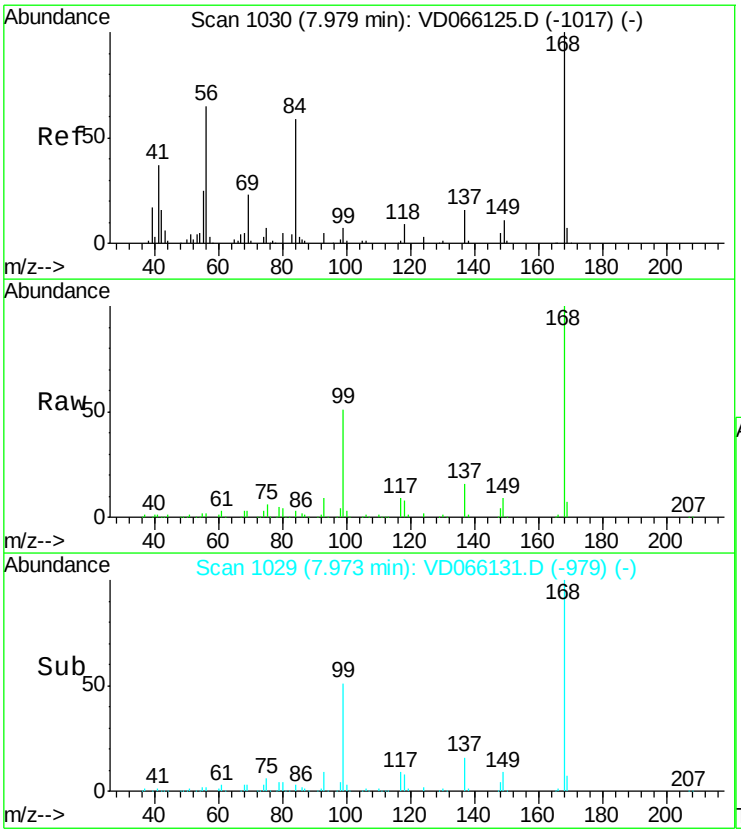
#29
Tetrahydrofuran
Concen: 1.226 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Instrument : MSVOA_D
ClientSampleId : VD0806SBL01

Tgt Ion: 42 Resp: 651

Ion	Ratio	Lower	Upper
42	100		
72	18.9	34.8	52.2#
71	21.2	33.5	50.3#

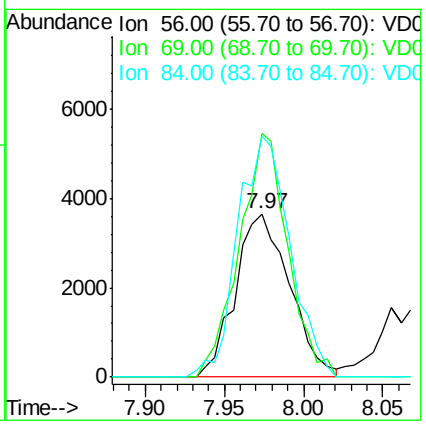


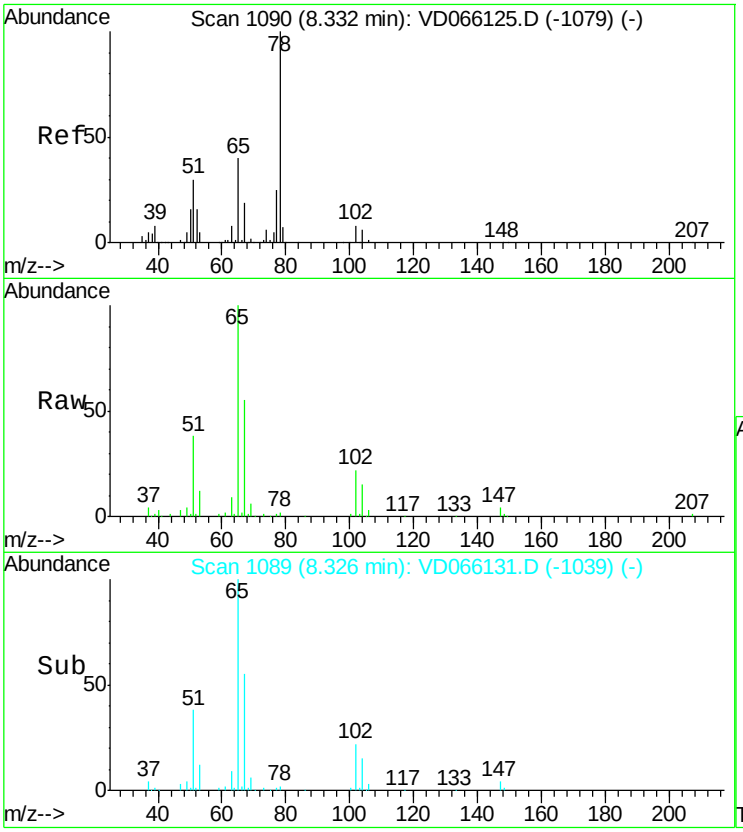


#31
Cyclohexane
Concen: 1.617 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Tgt Ion: 56 Resp: 8701

Ion	Ratio	Lower	Upper
56	100		
69	149.4	28.8	43.2#
84	148.0	73.0	109.6#



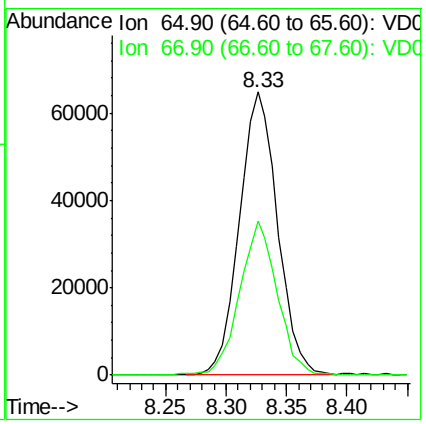


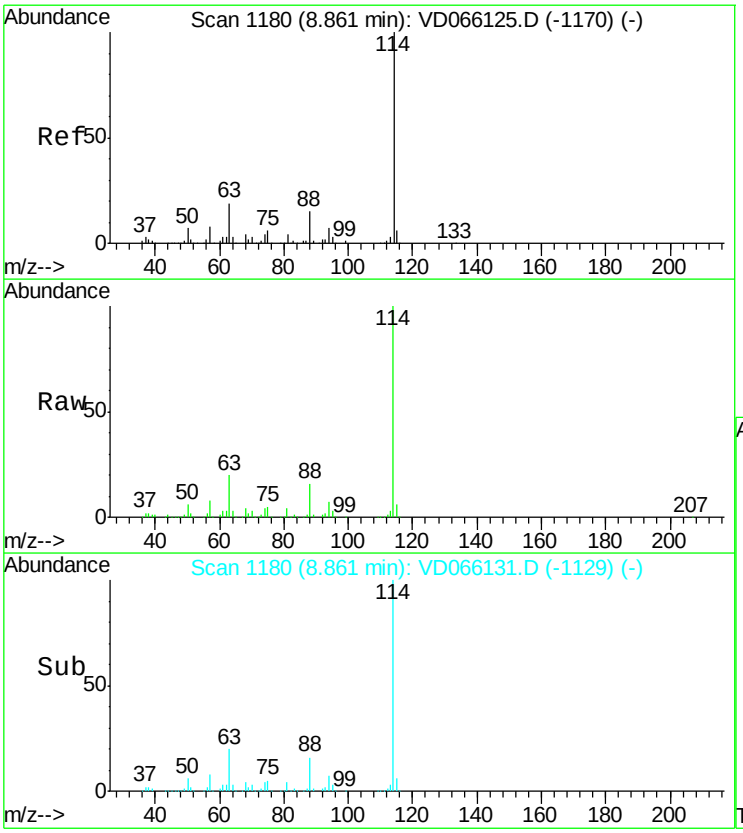
#33
1,2-Dichloroethane-d4
Concen: 46.525 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

Tgt Ion: 65 Resp: 142904

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	104.6

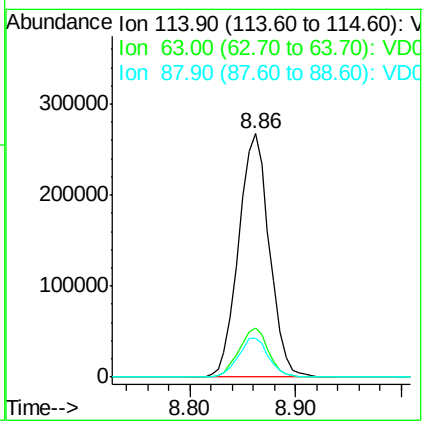


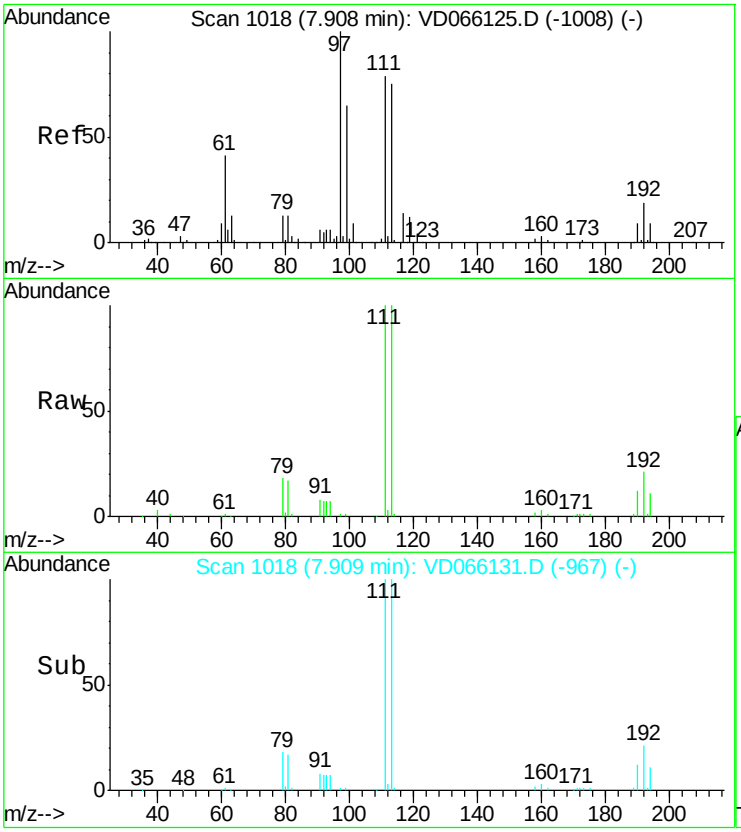


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Tgt Ion:114 Resp: 540468

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	38.6
88	15.8	0.0	30.0



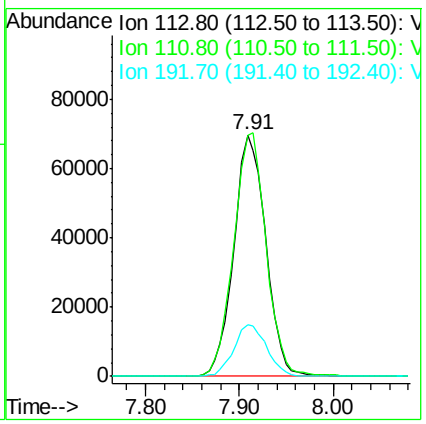


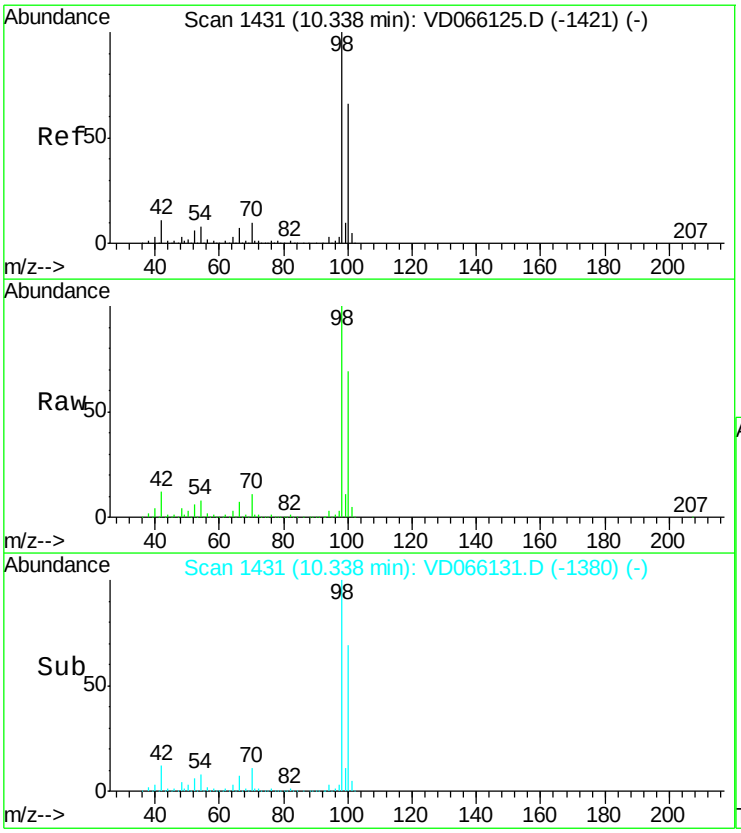
#35
Dibromofluoromethane
Concen: 48.191 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

Tgt Ion:113 Resp: 164996

Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.7	121.1
192	21.9	18.4	27.6

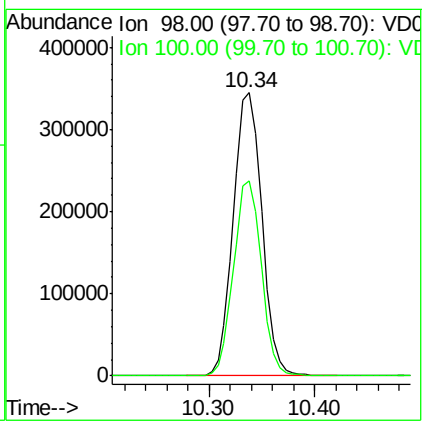


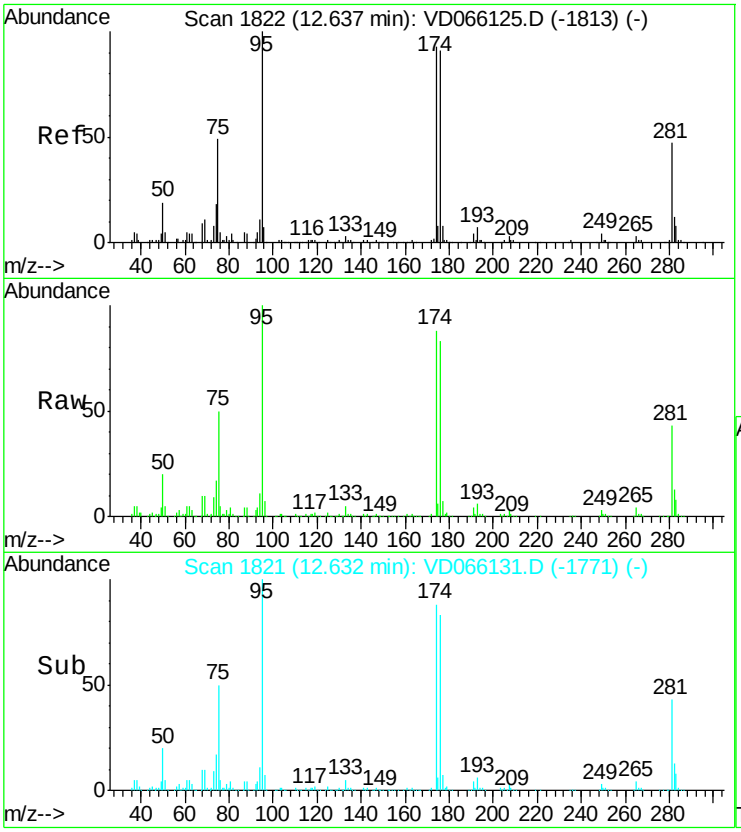


#50
Toluene-d8
Concen: 51.277 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Tgt Ion: 98 Resp: 647867

Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.6	78.8



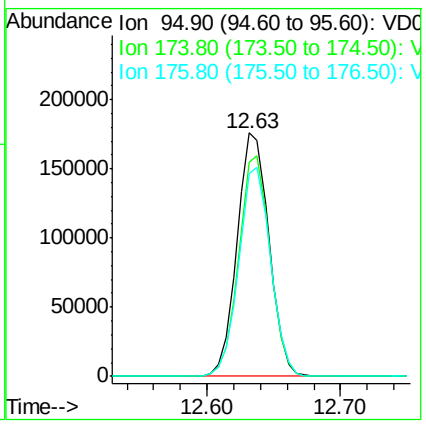


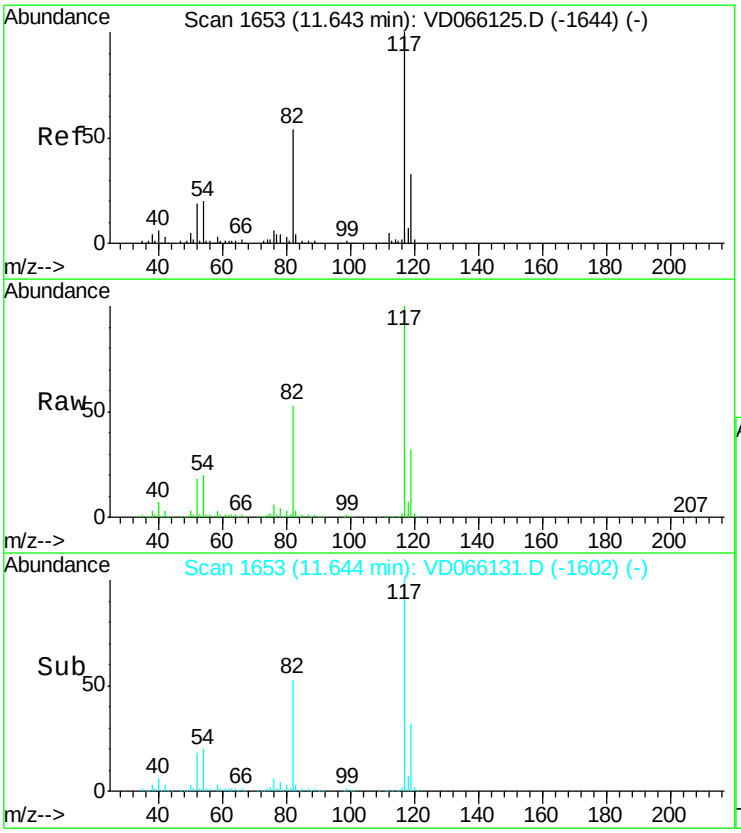
#62
4-Bromofluorobenzene
Concen: 63.782 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Instrument : MSVOA_D
ClientSampleId : VD0806SBL01

Tgt Ion: 95 Resp: 290481

Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	180.8
176	85.4	0.0	181.2

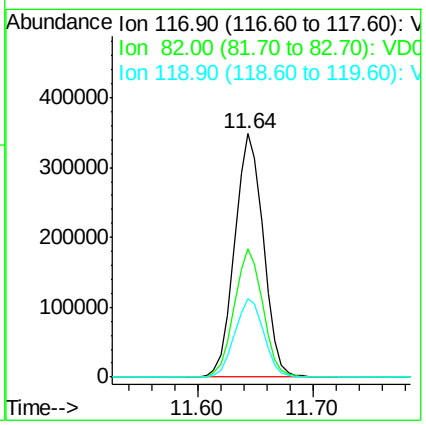


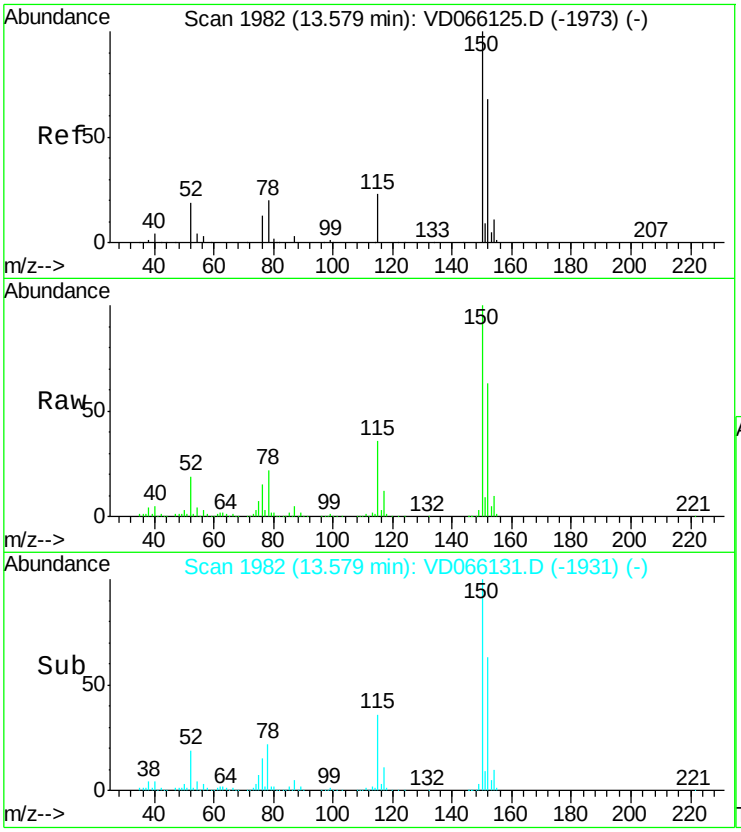


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Tgt Ion:117 Resp: 598904

Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.0	64.4
119	32.1	26.1	39.1



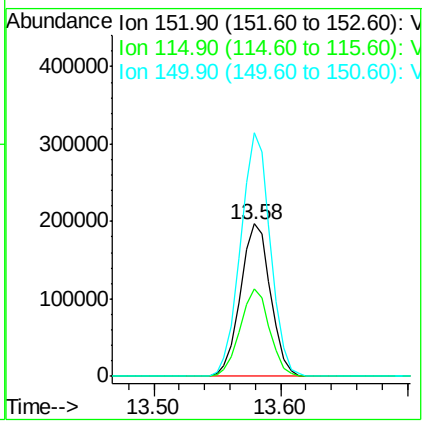


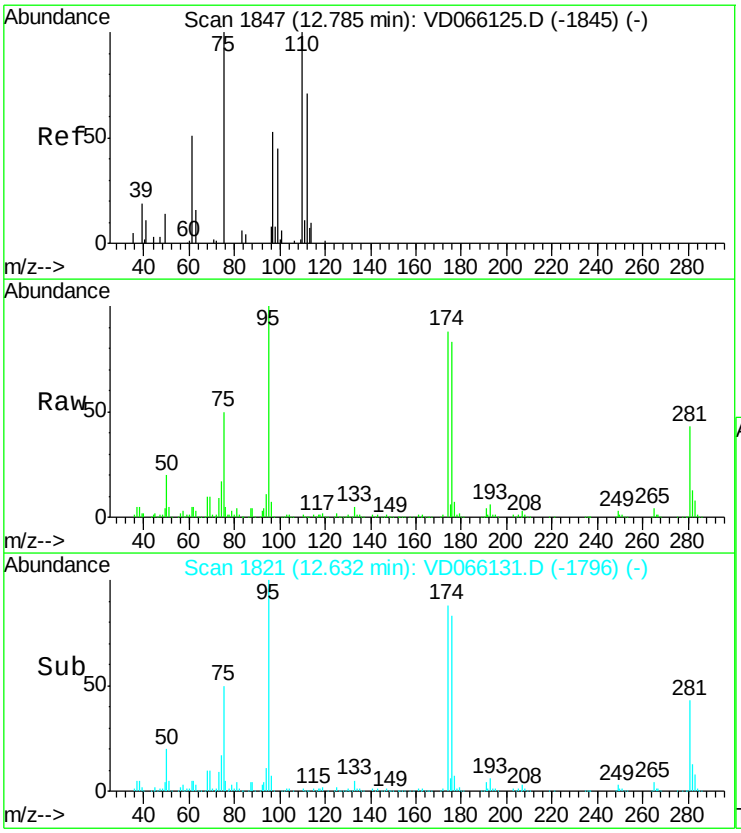
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Instrument : MSVOA_D
ClientSampleId : VD0806SBL01

Tgt Ion:152 Resp: 323747

Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.0	83.9
150	157.6	0.0	346.4

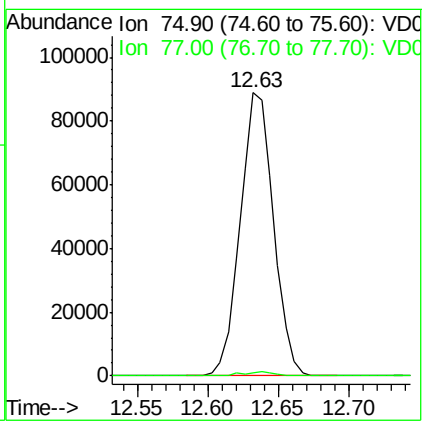


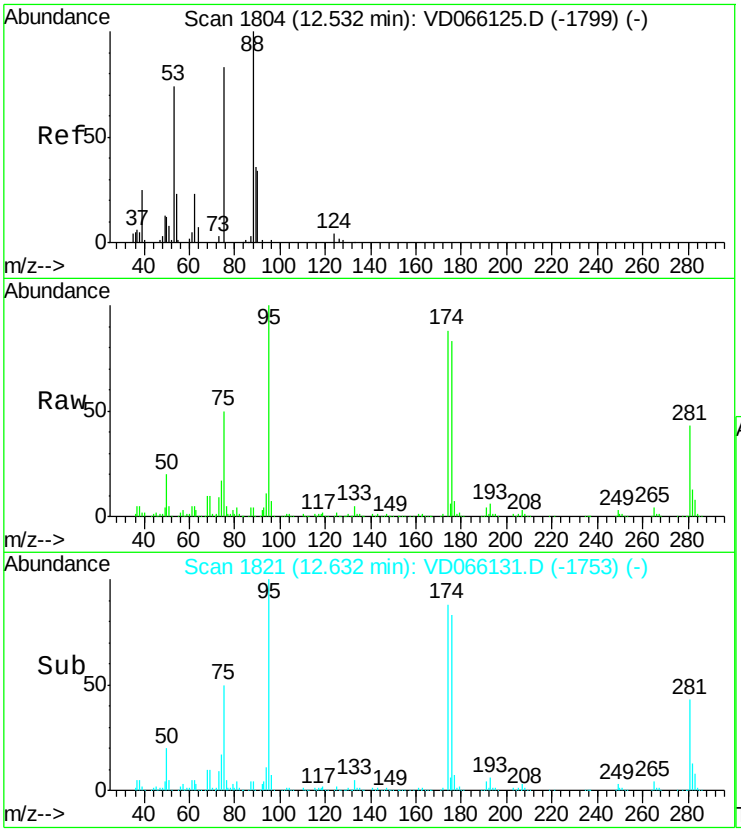


#76
1,2,3-Trichloropropane
Concen: 54.284 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Tgt Ion: 75 Resp: 146558

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 119.999 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD066131.D
Acq: 06 Aug 2020 12:15

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBL01

Tgt Ion: 75 Resp: 146558

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.4	110.2#
89	0.7	36.6	55.0#