Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092820\
Data File : VD066918.D
Acq On : 28 Sep 2020 17:27
Operator : VA/SY
Sample : L4155-02
Misc : 7.14G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-061-A

Quant Time: Sep 29 00:58:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	372903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	673463	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	698252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	328764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	199038	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.06%			
35) Dibromofluoromethane	7.91	113	212149	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.02%			
50) Toluene-d8	10.34	98	821260	56.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.52%			
62) 4-Bromofluorobenzene	12.63	95	305826	61.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 122.40%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.24	59	1995	Below Cal	#	72
18) Methyl Acetate	4.72	43	249	Below Cal	#	50
20) Methylene Chloride	4.98	84	7736	Below Cal	#	84
31) Cyclohexane	7.98	56	8052	1.213 ug/l	#	1
36) 1,1-Dichloropropene	7.98	75	30592	4.579 ug/l	#	49
38) Carbon Tetrachloride	7.97	117	38130	5.220 ug/l	#	16
49) 1,4-Dioxane	9.70	88	83	Below Cal	#	18
51) 4-Methyl-2-Pentanone	10.33	43	3627	1.537 ug/l	#	1
76) 1,2,3-Trichloropropane	12.63	75	151156	55.480 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.63	75	151156	138.805 ug/l	#	10

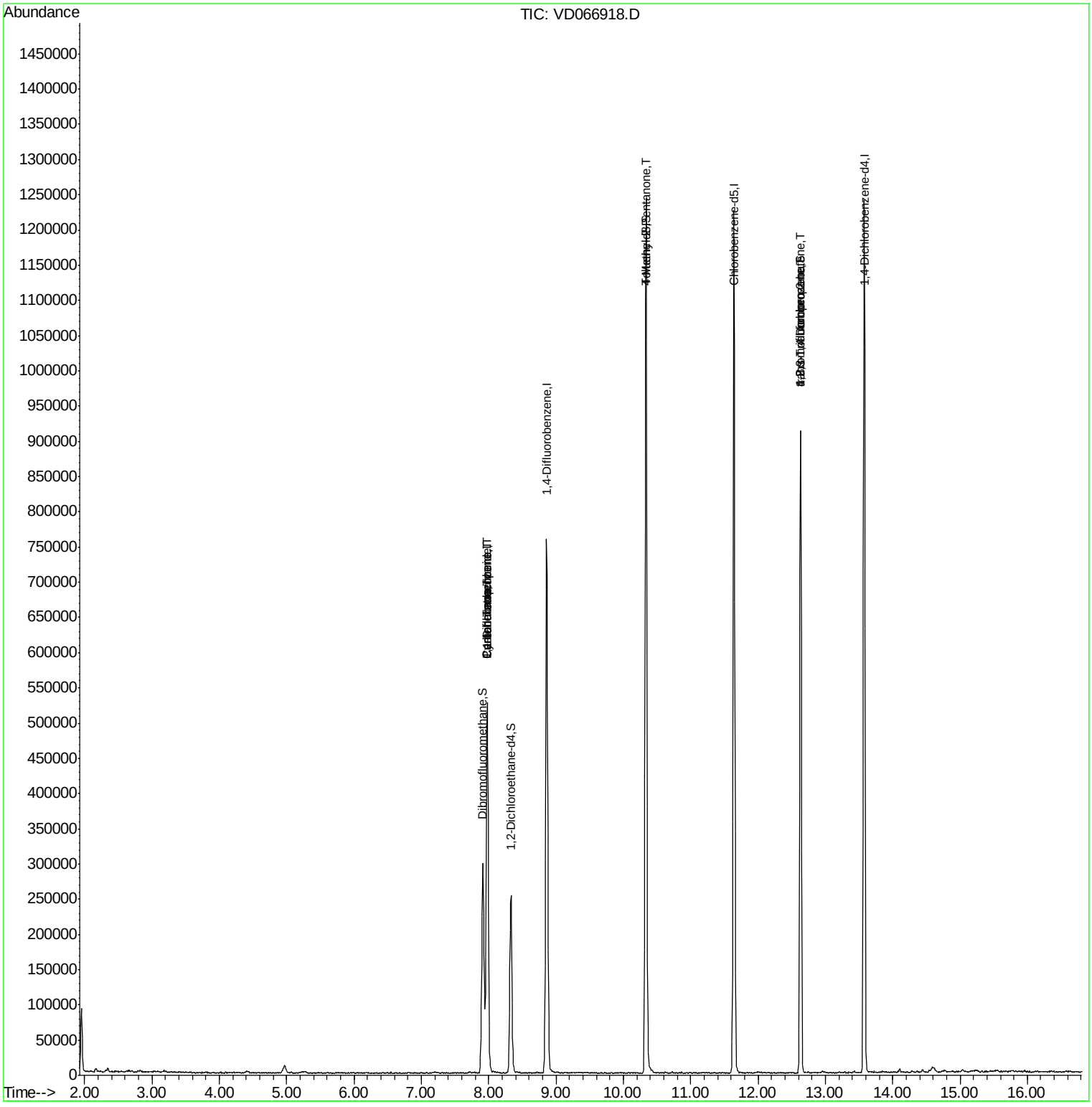
(#) = qualifier out of range (m) = manual integration (+) = signals summed

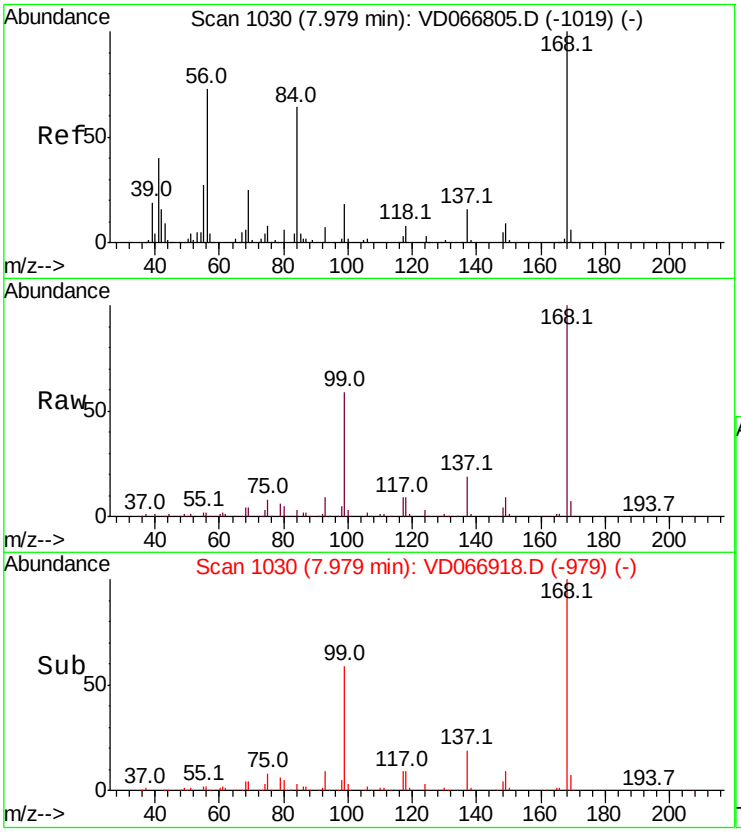
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092820\
Data File : VD066918.D
Acq On : 28 Sep 2020 17:27
Operator : VA/SY
Sample : L4155-02
Misc : 7.14G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-061-A

Quant Time: Sep 29 00:58:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration



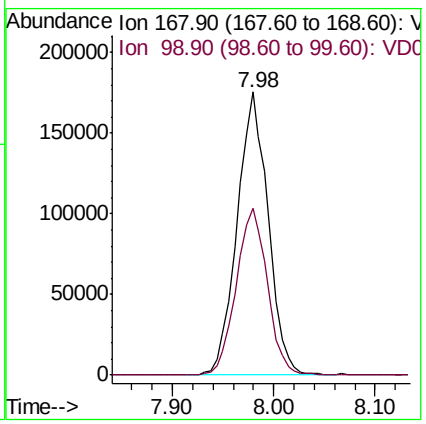


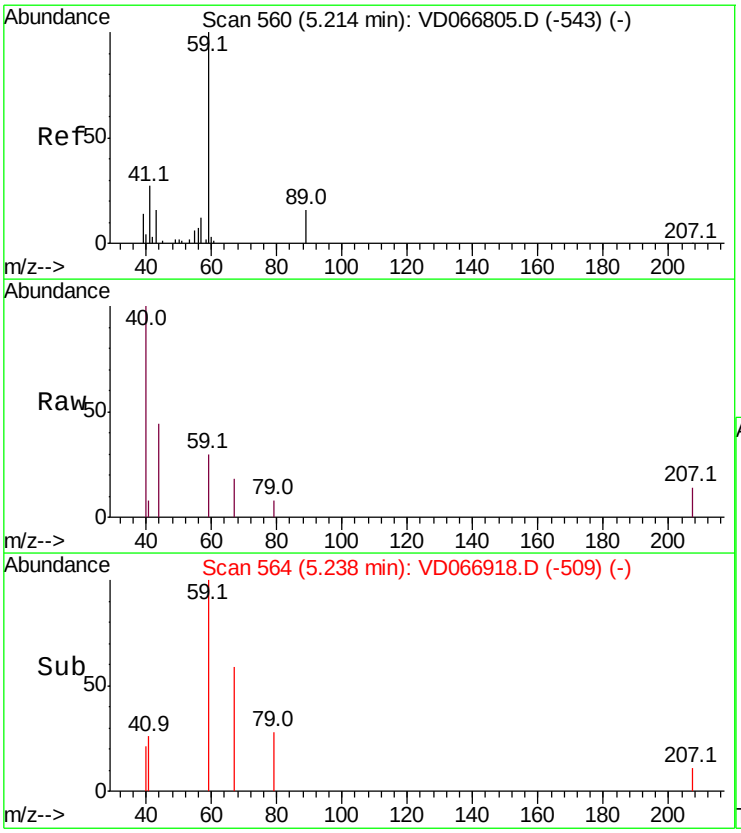
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066918.D
Acq: 28 Sep 2020 17:27

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-061-A

Tgt Ion:168 Resp: 372903

Ion	Ratio	Lower	Upper
168	100		
99	58.9	46.6	69.8

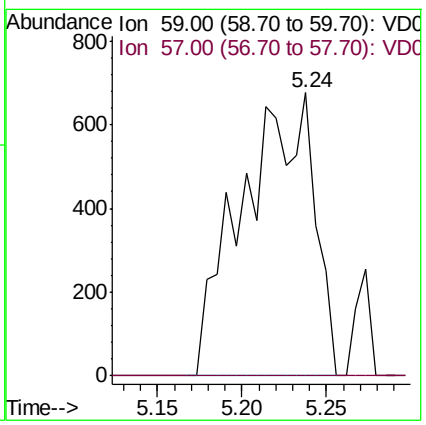


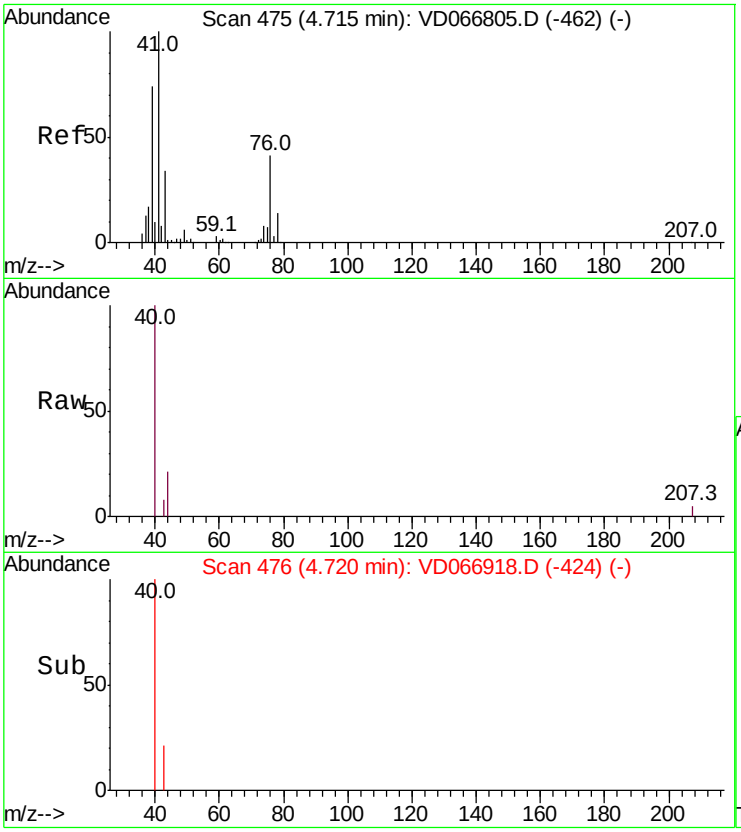


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.24 min Scan# 564
Delta R.T. 0.02 min
Lab File: VD066918.D
Acq: 28 Sep 2020 17:27

Tgt Ion: 59 Resp: 1995

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



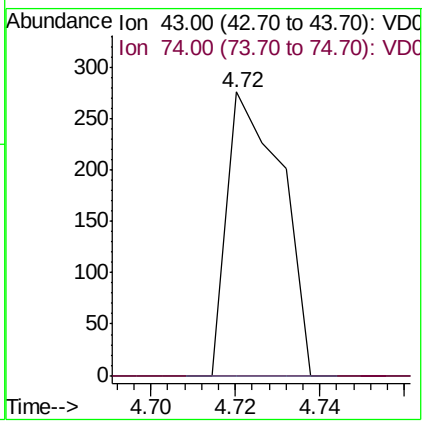


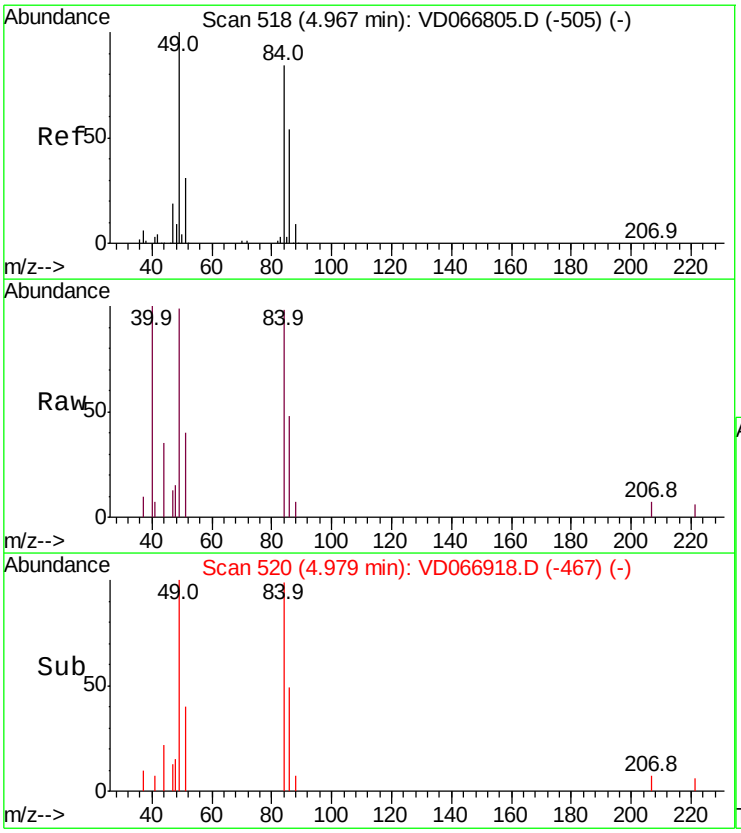
#18
Methyl Acetate
Concen: Below Cal
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066918.D
Acq: 28 Sep 2020 17:27

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-061-A

Tgt Ion: 43 Resp: 249

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.3	30.5#

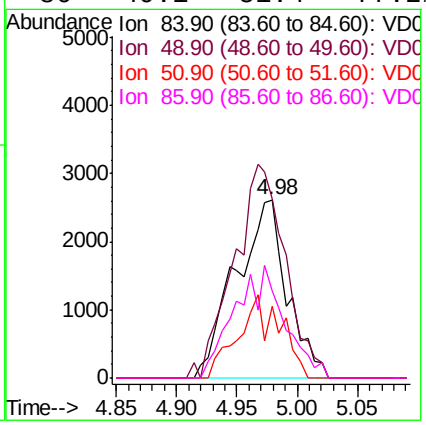


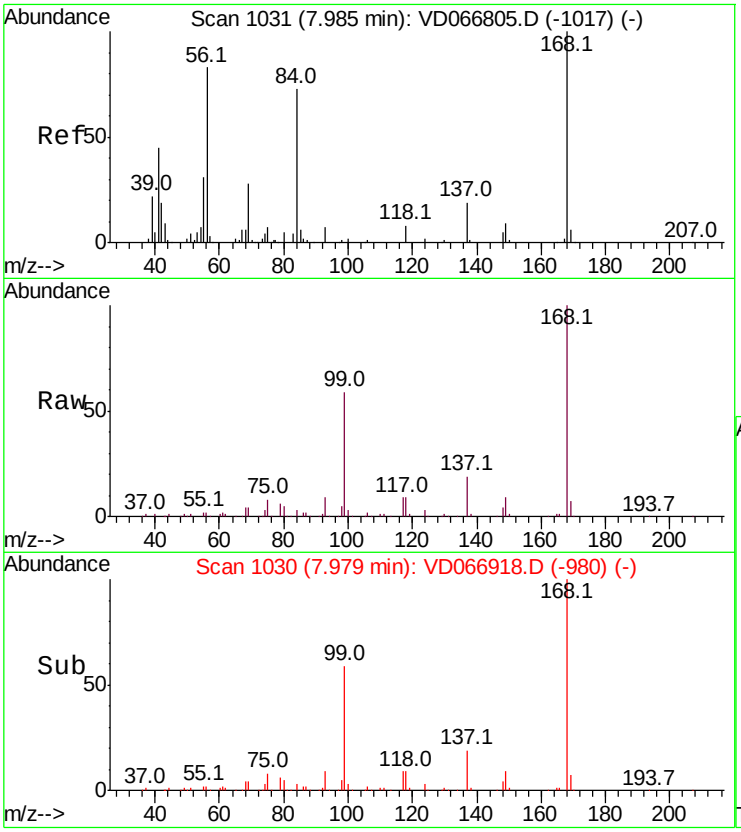


#20
Methylene Chloride
Concen: Below Cal
RT: 4.98 min Scan# 520
Delta R.T. 0.01 min
Lab File: VD066918.D
Acq: 28 Sep 2020 17:27

Tgt Ion: 84 Resp: 7736

Ion	Ratio	Lower	Upper
84	100		
49	100.5	95.4	143.2
51	40.6	29.7	44.5
86	49.1	51.4	77.2#



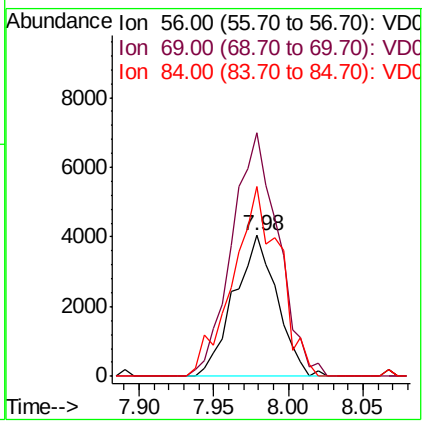


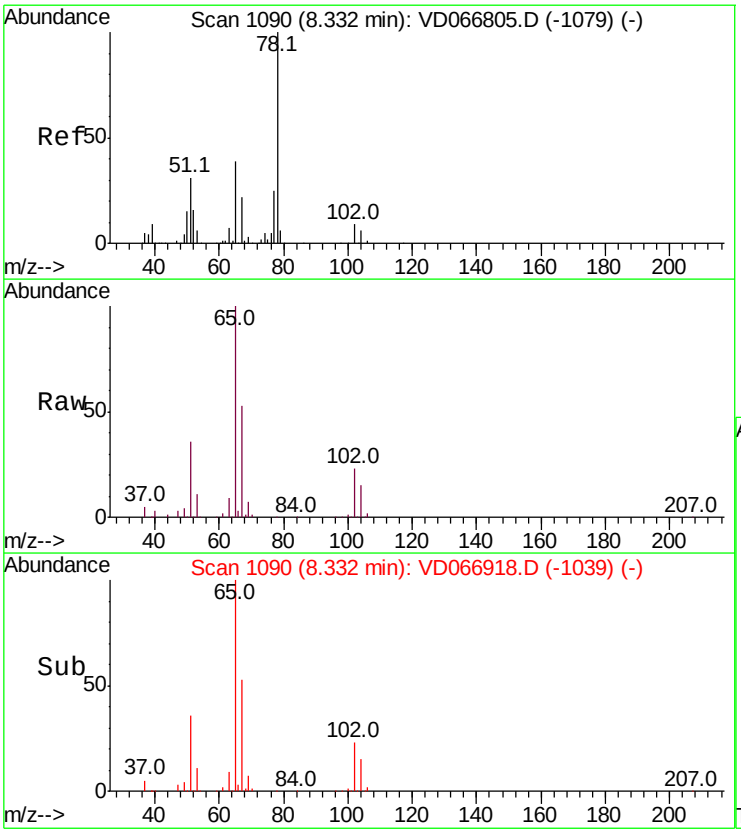
#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066918.D
Acq: 28 Sep 2020 17:27

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-061-A

Tgt Ion: 56 Resp: 8052

Ion	Ratio	Lower	Upper
56	100		
69	172.8	27.0	40.4#
84	134.8	70.2	105.4#

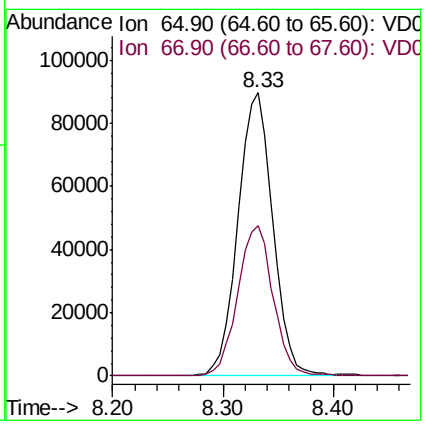


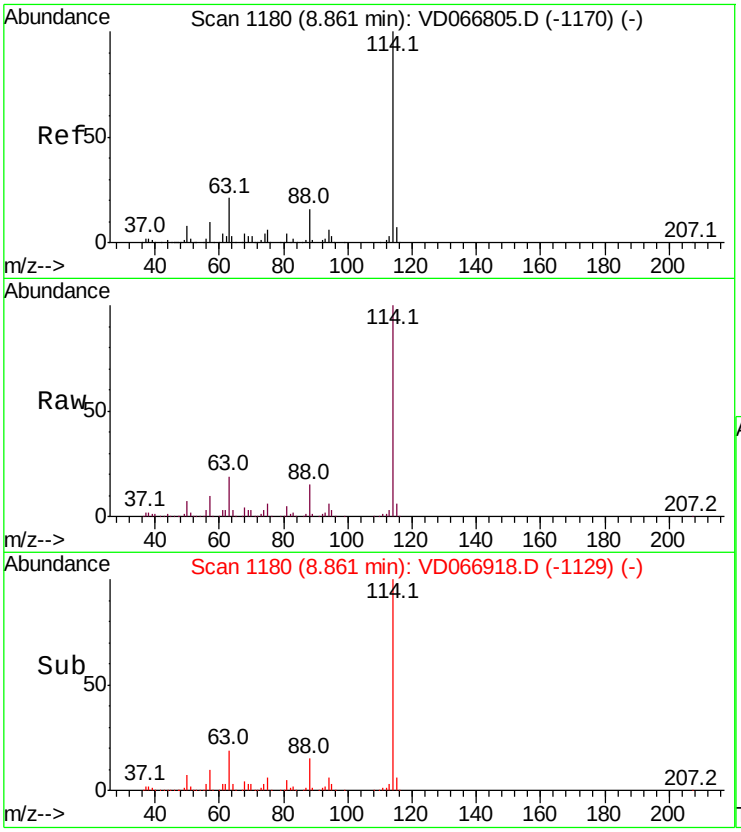


#33
1,2-Dichloroethane-d4
Concen: 54.534 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD066918.D
Acq: 28 Sep 2020 17:27

Tgt Ion: 65 Resp: 199038

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.2



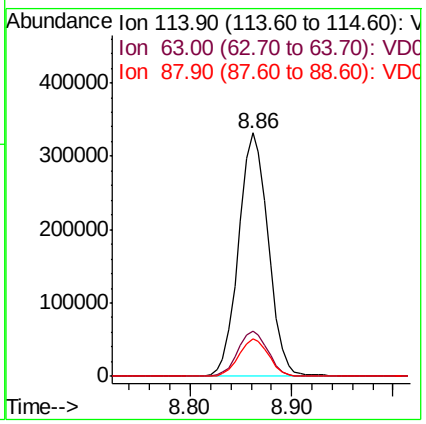


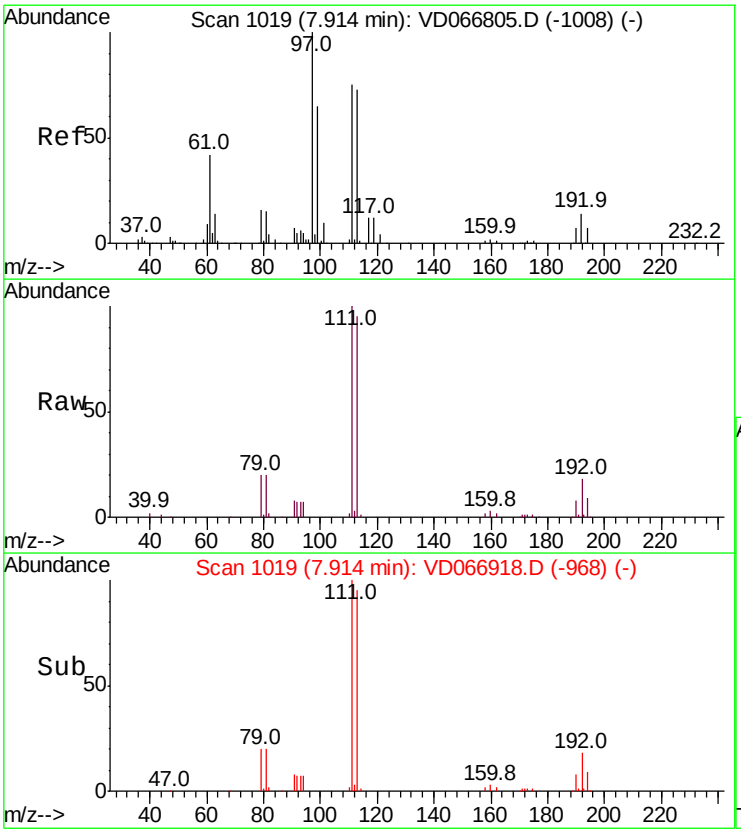
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD066918.D
Acq: 28 Sep 2020 17:27

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-061-A

Tgt Ion:114 Resp: 673463

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	42.6
88	15.4	0.0	32.6

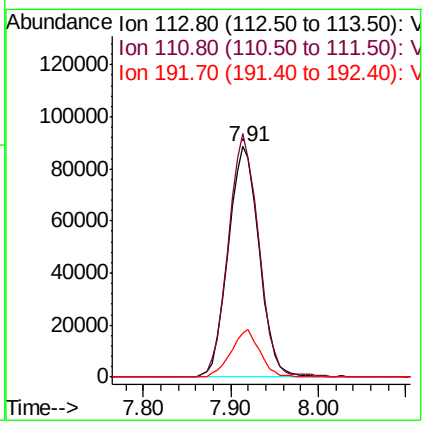


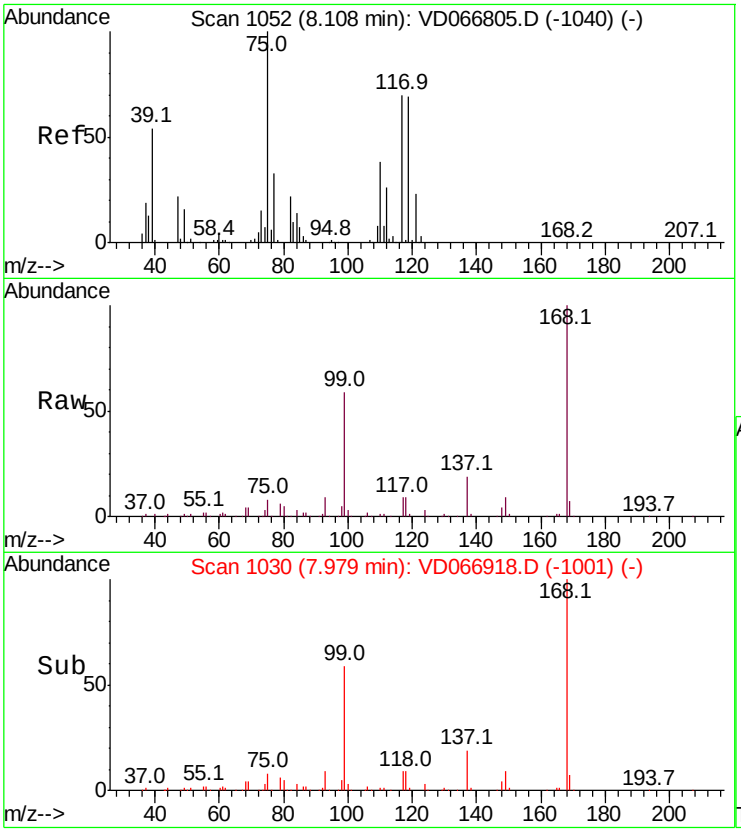


#35
Dibromofluoromethane
Concen: 49.515 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD066918.D
Acq: 28 Sep 2020 17:27

Tgt Ion:113 Resp: 212149

Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.8	122.8
192	19.0	14.4	21.6



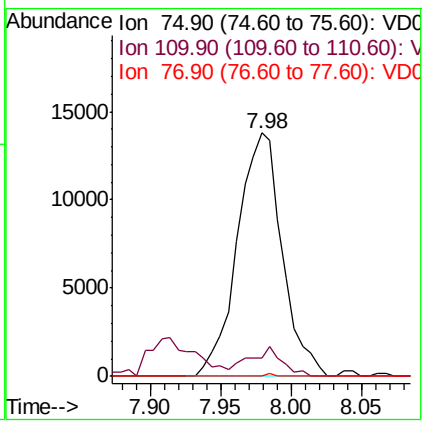


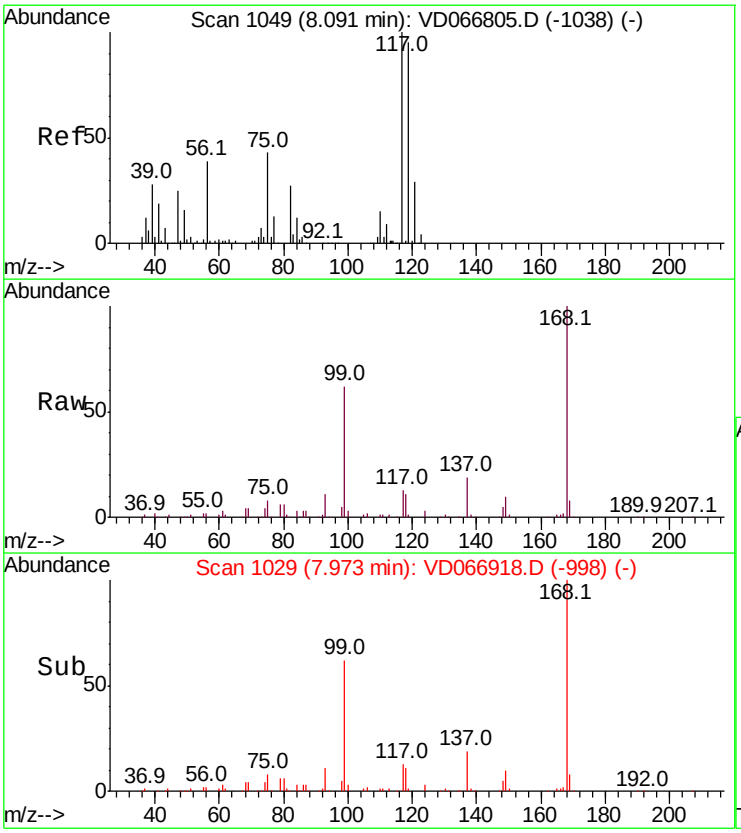
#36
1,1-Dichloropropene
Concen: 4.579 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.13 min
Lab File: VD066918.D
Acq: 28 Sep 2020 17:27

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-061-A

Tgt Ion: 75 Resp: 30592

Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.9	53.8#
77	0.2	25.0	37.6#

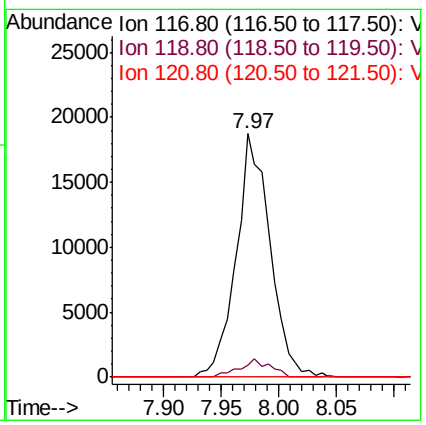


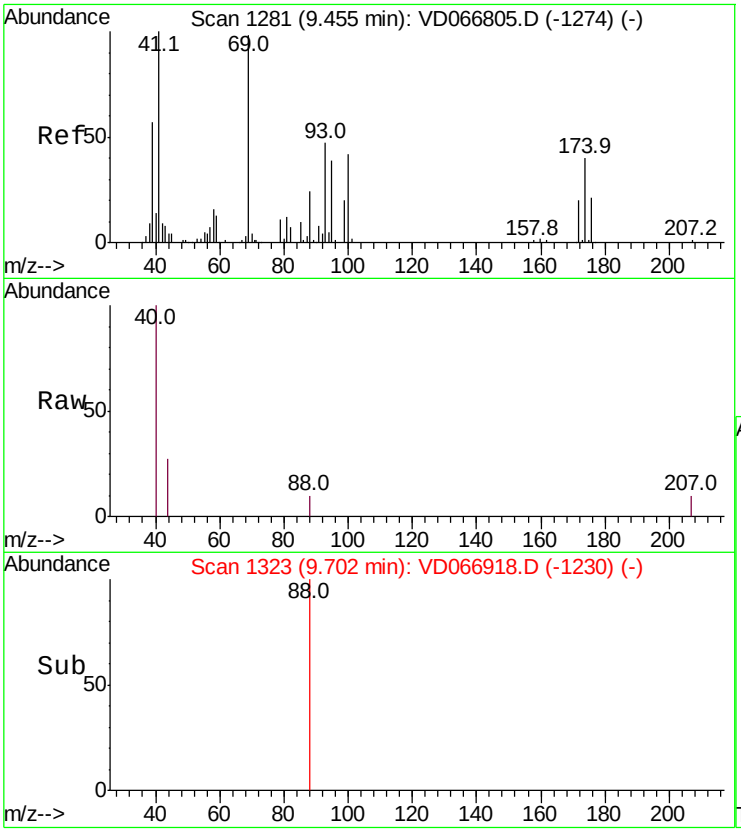


#38
Carbon Tetrachloride
Concen: 5.220 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD066918.D
Acq: 28 Sep 2020 17:27

Tgt Ion:117 Resp: 38130

Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.8	113.8#
121	0.0	23.4	35.0#



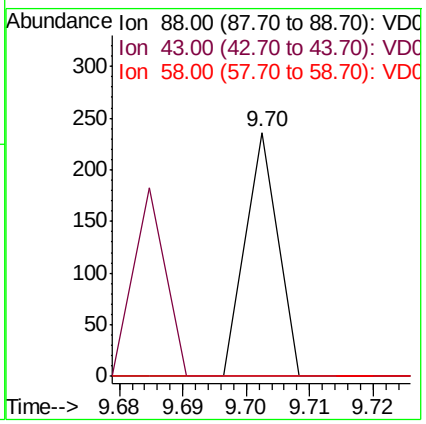


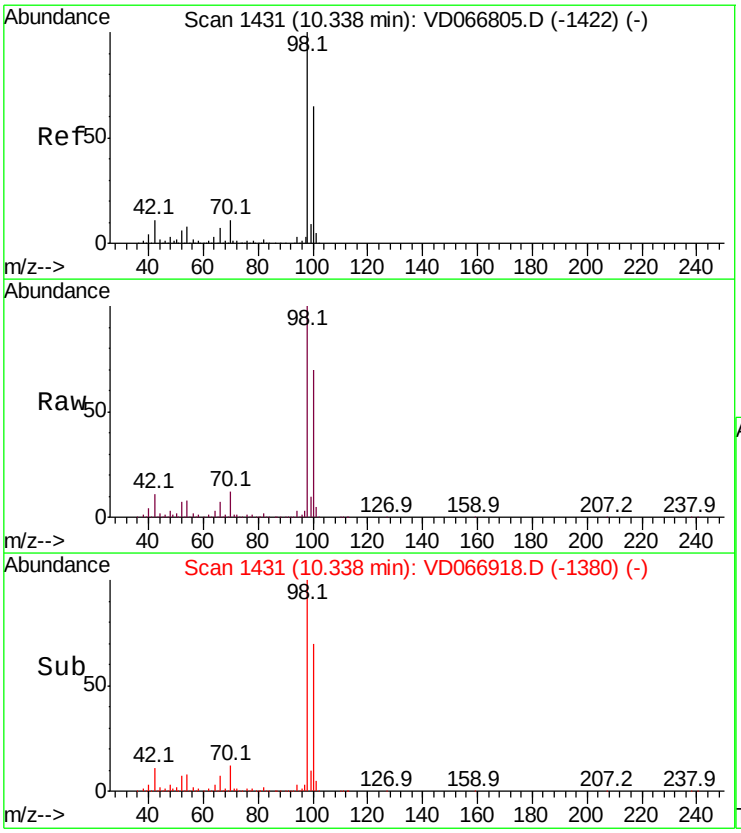
#49
1,4-Dioxane
Concen: Below Cal
RT: 9.70 min Scan# 1323
Delta R.T. 0.25 min
Lab File: VD066918.D
Acq: 28 Sep 2020 17:27

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-061-A

Tgt Ion: 88 Resp: 83

Ion	Ratio	Lower	Upper
88	100		
43	78.3	27.7	41.5#
58	0.0	55.5	83.3#

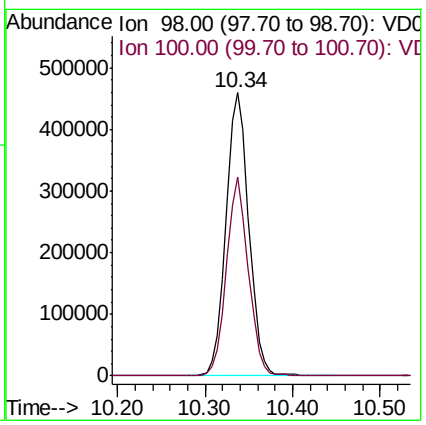


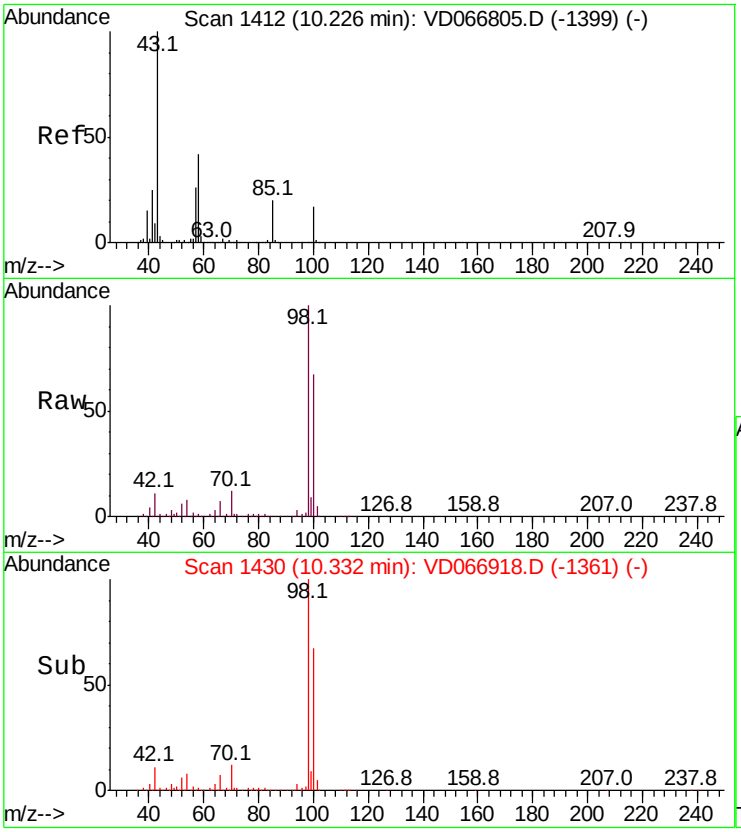


#50
Toluene-d8
Concen: 56.257 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066918.D
Acq: 28 Sep 2020 17:27

Tgt Ion: 98 Resp: 821260

Ion	Ratio	Lower	Upper
98	100		
100	67.1	52.2	78.2



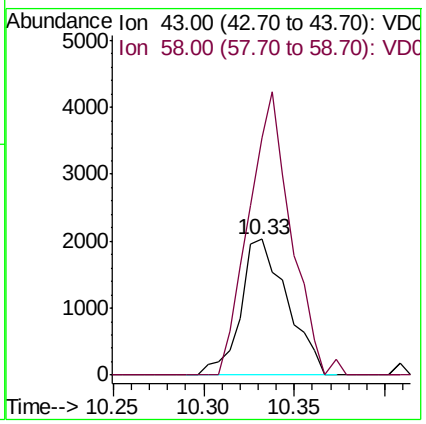


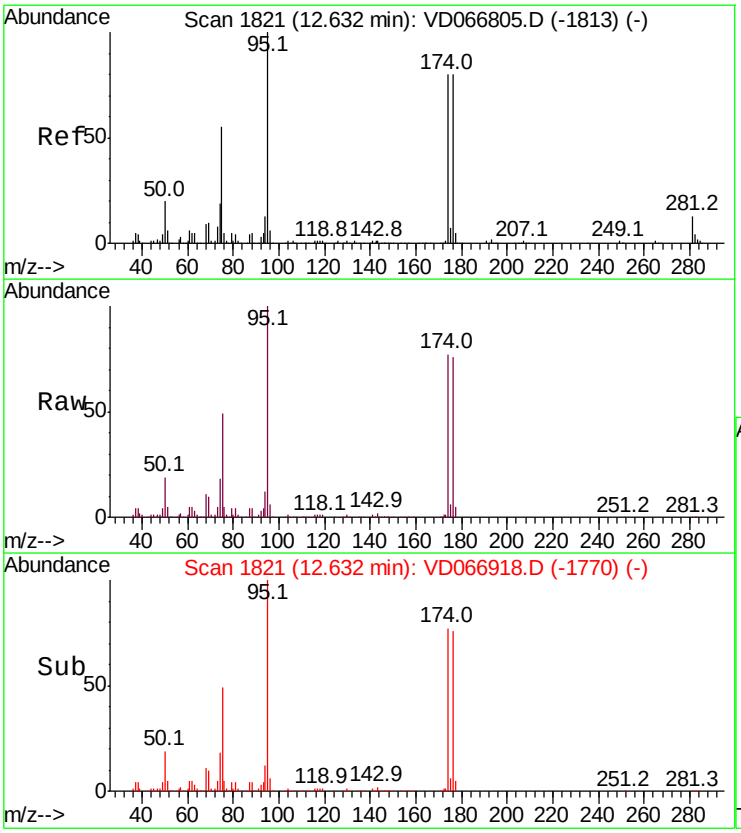
#51
4-Methyl-2-Pentanone
Concen: 1.537 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. 0.11 min
Lab File: VD066918.D
Acq: 28 Sep 2020 17:27

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-061-A

Tgt Ion: 43 Resp: 3627

Ion	Ratio	Lower	Upper
43	100		
58	189.7	32.2	48.4#

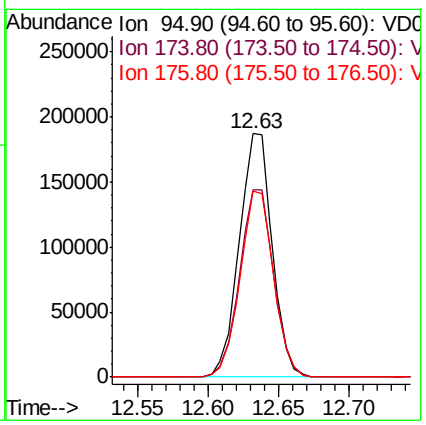


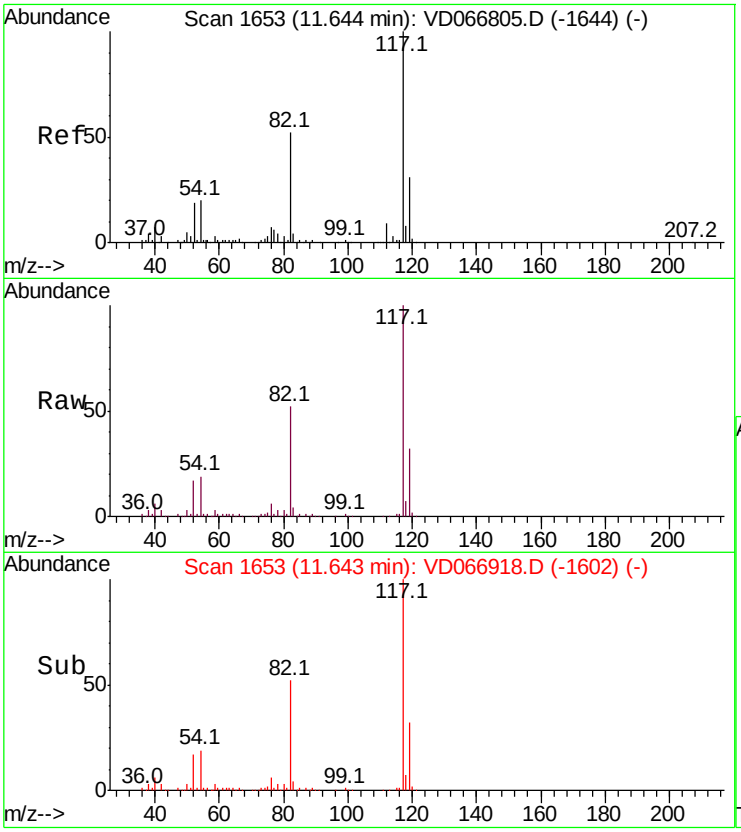


#62
4-Bromofluorobenzene
Concen: 61.196 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066918.D
Acq: 28 Sep 2020 17:27

Tgt Ion: 95 Resp: 305826

Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	159.8
176	77.5	0.0	154.4



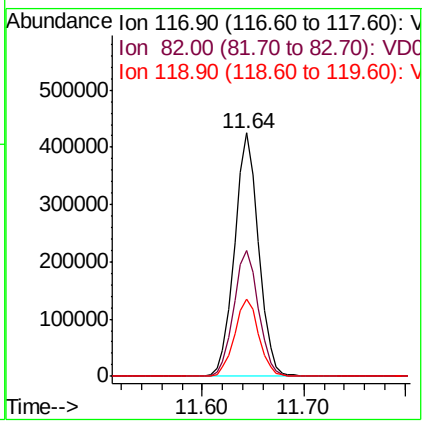


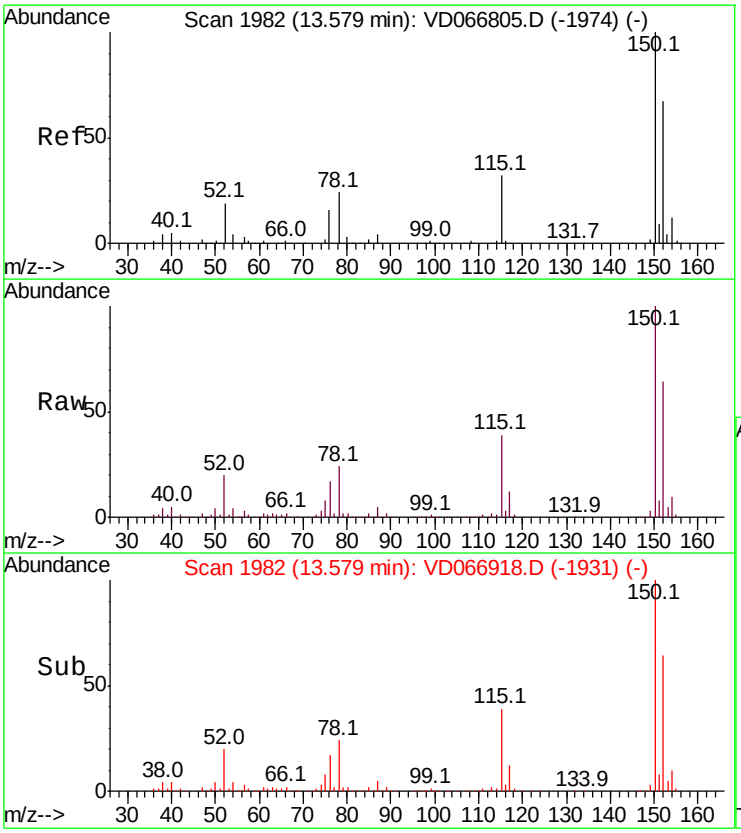
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066918.D
Acq: 28 Sep 2020 17:27

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-061-A

Tgt Ion:117 Resp: 698252

Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.8	62.6
119	31.7	24.6	37.0

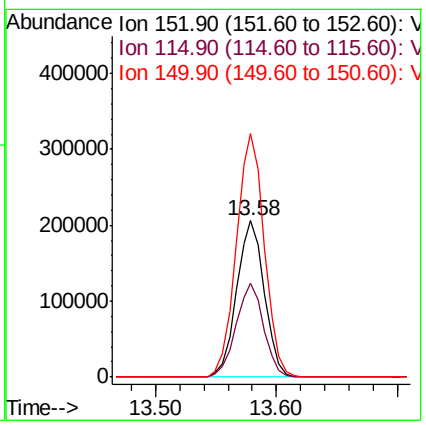


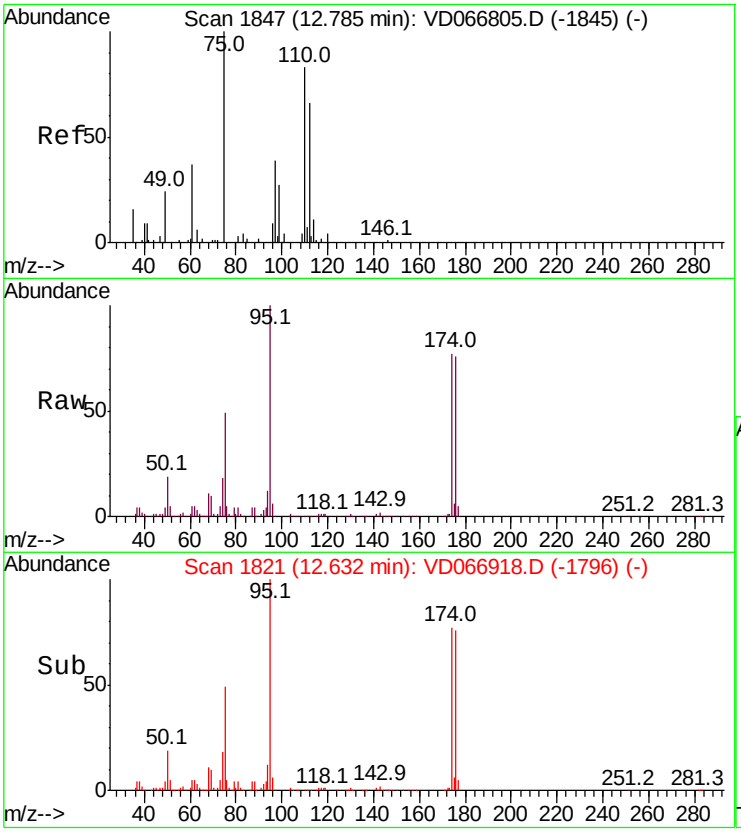


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066918.D
Acq: 28 Sep 2020 17:27

Tgt Ion:152 Resp: 328764

Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.3	91.0
150	156.9	0.0	346.2



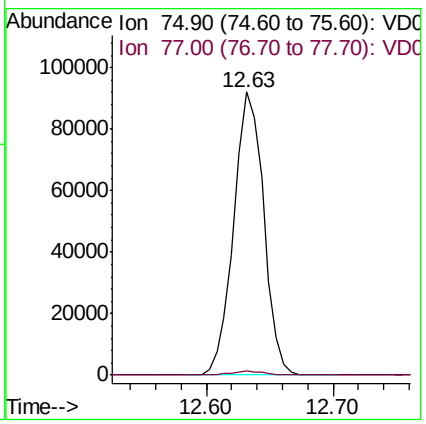


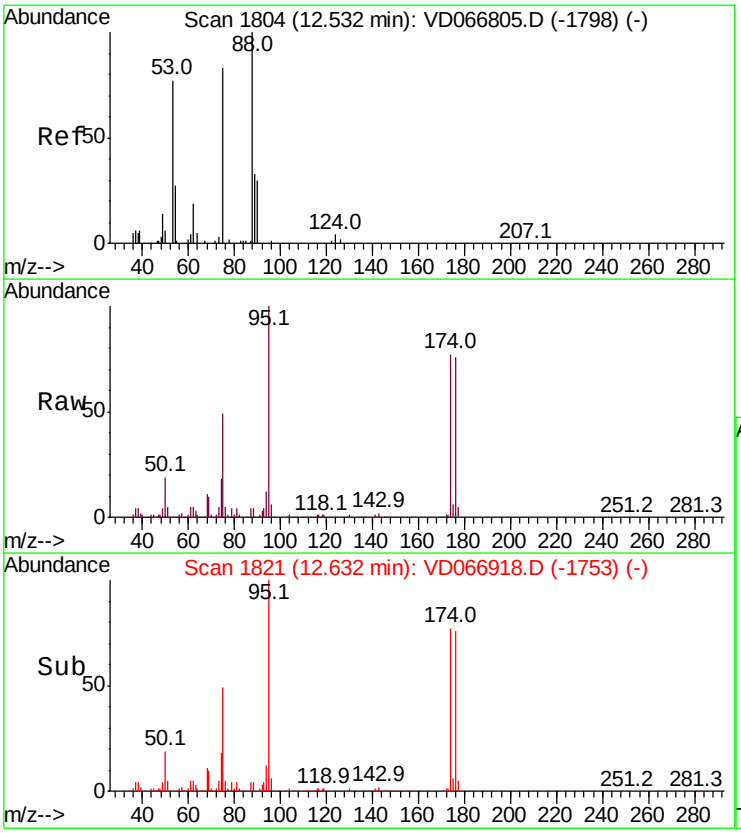
#76
1,2,3-Trichloropropane
Concen: 55.480 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066918.D
Acq: 28 Sep 2020 17:27

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-061-A

Tgt Ion: 75 Resp: 151156

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 138.805 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD066918.D
Acq: 28 Sep 2020 17:27

Tgt Ion: 75 Resp: 151156

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.5	117.7#
89	0.2	38.1	57.1#