Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052119\
Data File : VF062694.D
Acq On : 21 May 2019 20:26
Operator : FY/SY
Sample : K2971-16RE
Misc : 6.13g/5mL/MSVOA_F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SUP-2C-G-1-052019RE

Quant Time: May 22 03:58:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	714170	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.78	114	1220639	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	862124	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	377626	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	189356	37.52	ug/l	-0.01
Spiked Amount 50.000			Recovery = 75.04%			
35) Dibromofluoromethane	4.31	113	352960	37.79	ug/l	-0.01
Spiked Amount 50.000			Recovery = 75.58%			
50) Toluene-d8	7.71	98	687801	30.84	ug/l	-0.01
Spiked Amount 50.000			Recovery = 61.68%			
62) 4-Bromofluorobenzene	11.49	95	243954	28.84	ug/l	-0.01
Spiked Amount 50.000			Recovery = 57.68%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.69	59	1003	3.010	ug/l #	1
13) Acrolein	2.12	56	1685	4.845	ug/l	84
16) Acetone	2.35	43	2352	1.796	ug/l	96
20) Methylene Chloride	2.32	84	22325	3.402	ug/l #	68
29) Tetrahydrofuran	4.28	42	2383	2.105	ug/l #	87
49) 1,4-Dioxane	6.88	88	144	3.251	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.45	63	2691	1.311	ug/l	96
59) 2-Hexanone	9.63	43	3126	Below Cal		81
74) N-amyl acetate	11.46	43	1798	Below Cal	#	72

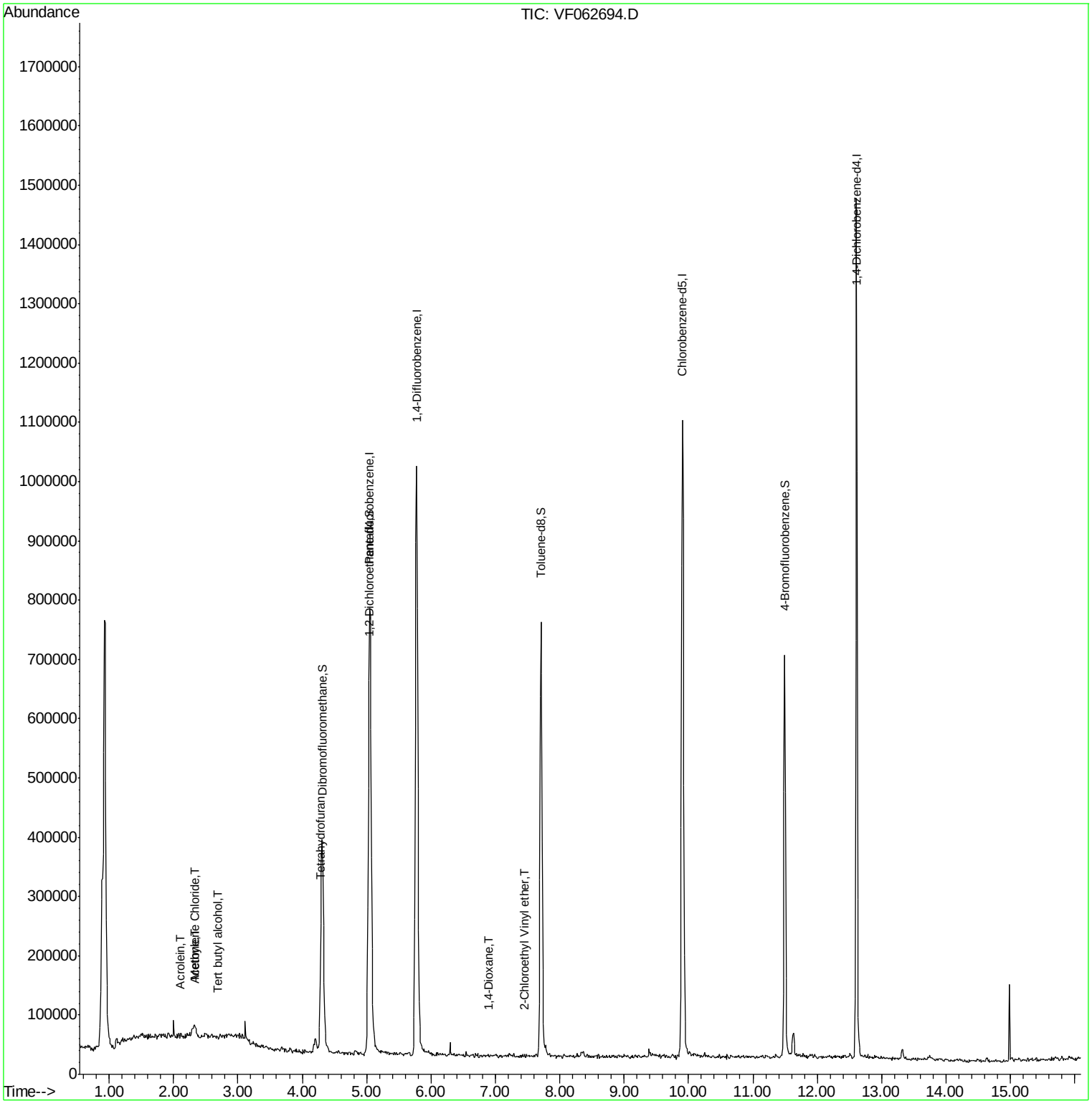
(#) = qualifier out of range (m) = manual integration (+) = signals summed

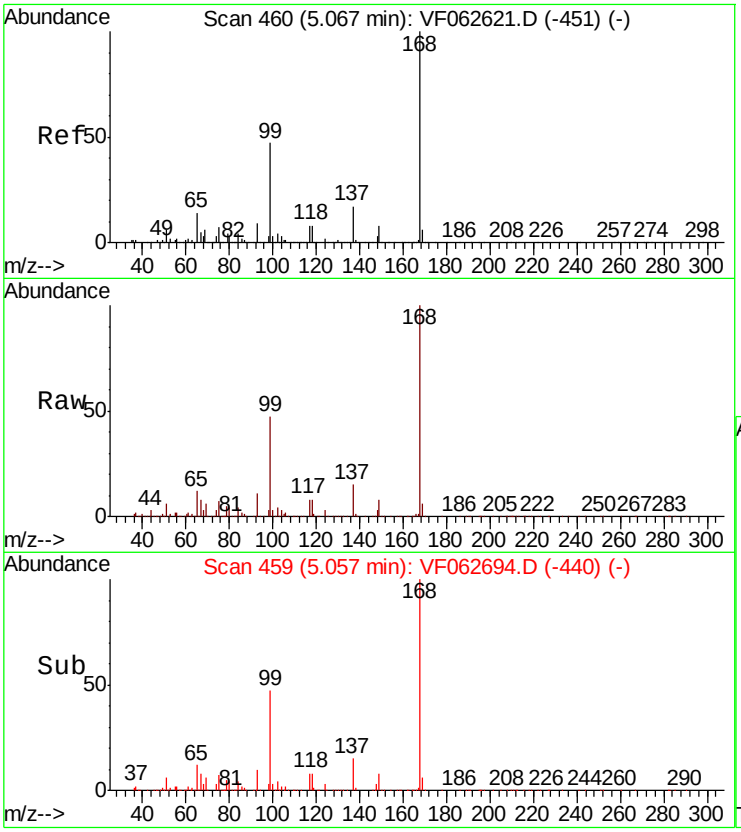
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052119\
Data File : VF062694.D
Acq On : 21 May 2019 20:26
Operator : FY/SY
Sample : K2971-16RE
Misc : 6.13g/5mL/MSVOA_F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SUP-2C-G-1-052019RE

Quant Time: May 22 03:58:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration



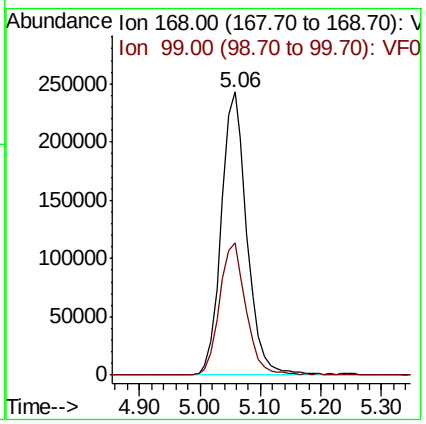


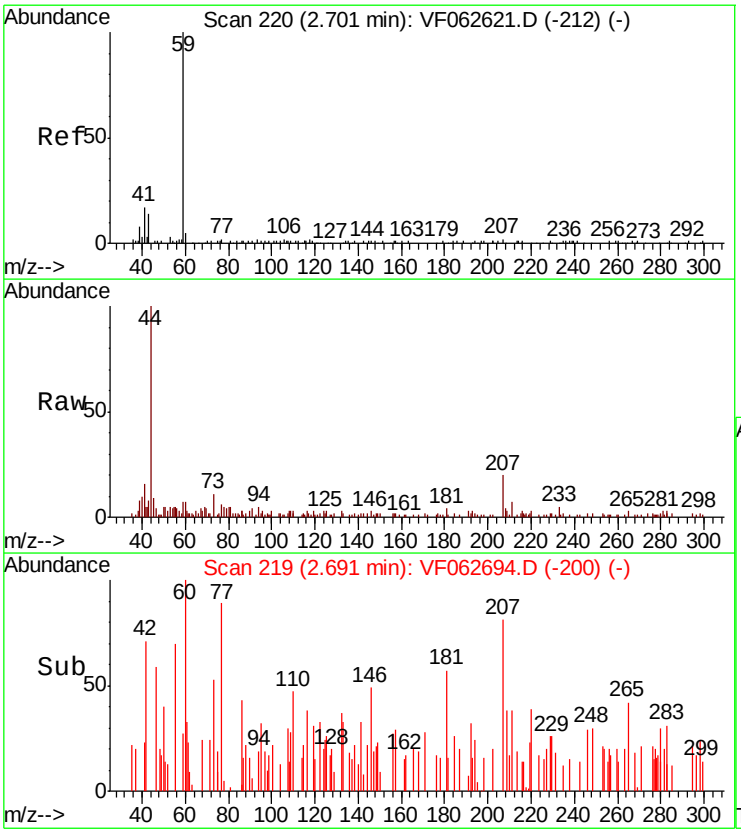
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 459
Delta R.T. -0.01 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Instrument :
MSVOA_F
ClientSampleId :
SUP-2C-G-1-052019RE

Tgt Ion:168 Resp: 714170

Ion	Ratio	Lower	Upper
168	100		
99	46.8	37.8	56.8

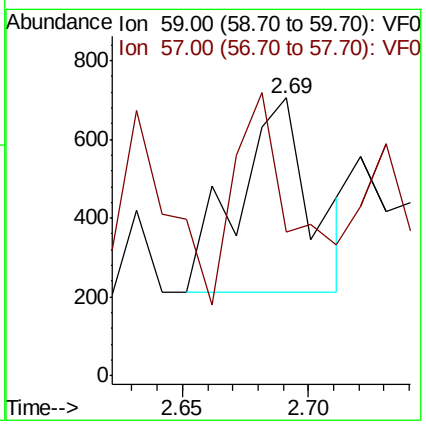


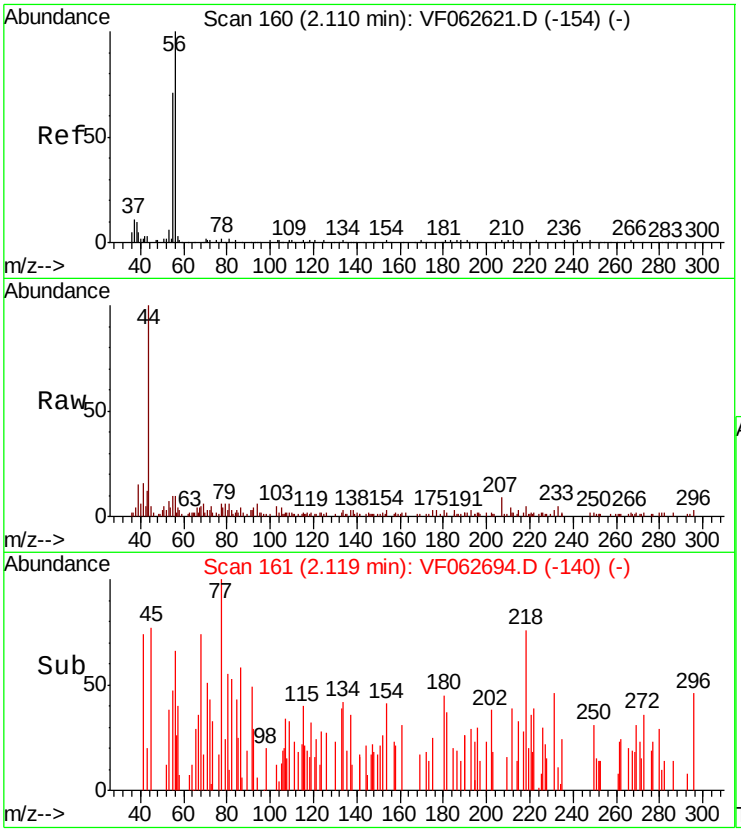


#11
Tert butyl alcohol
Concen: 3.010 ug/l
RT: 2.69 min Scan# 219
Delta R.T. -0.01 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Tgt Ion: 59 Resp: 1003

Ion	Ratio	Lower	Upper
59	100		
57	51.9	9.3	13.9#



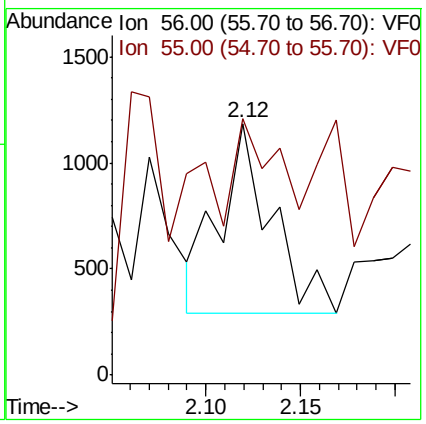


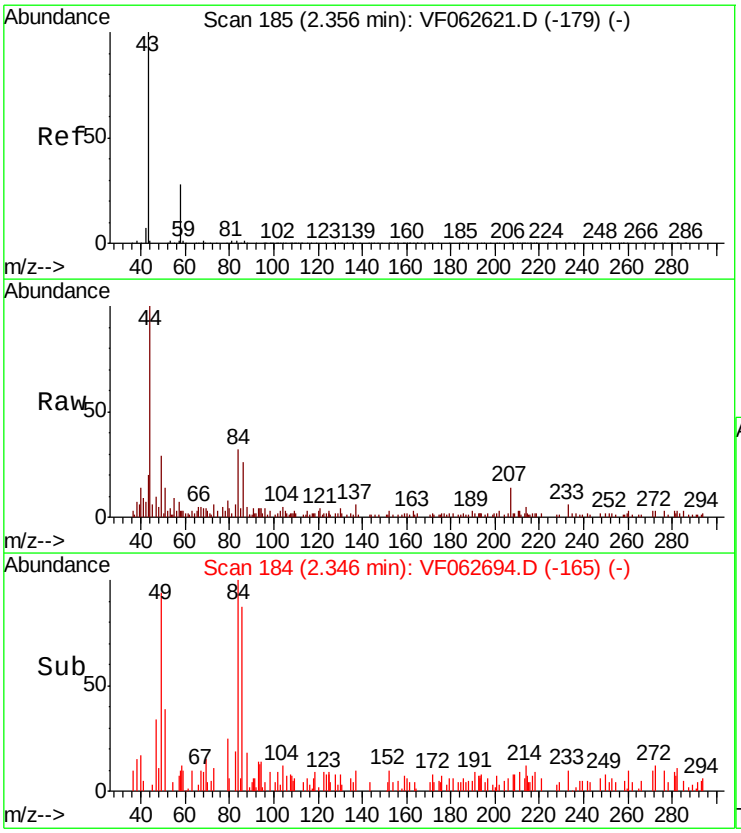
#13
Acrolein
Concen: 4.845 ug/l
RT: 2.12 min Scan# 161
Delta R.T. 0.01 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Instrument :
MSVOA_F
ClientSampleId :
SUP-2C-G-1-052019RE

Tgt Ion: 56 Resp: 1685

Ion	Ratio	Lower	Upper
56	100		
55	88.1	59.4	89.0

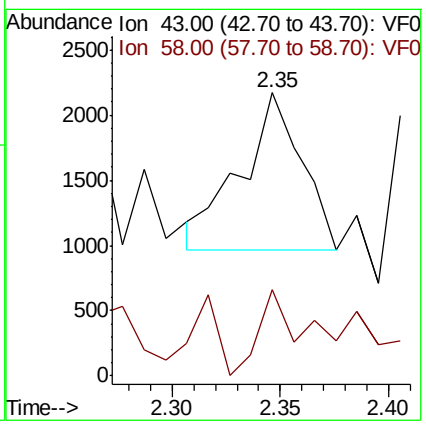


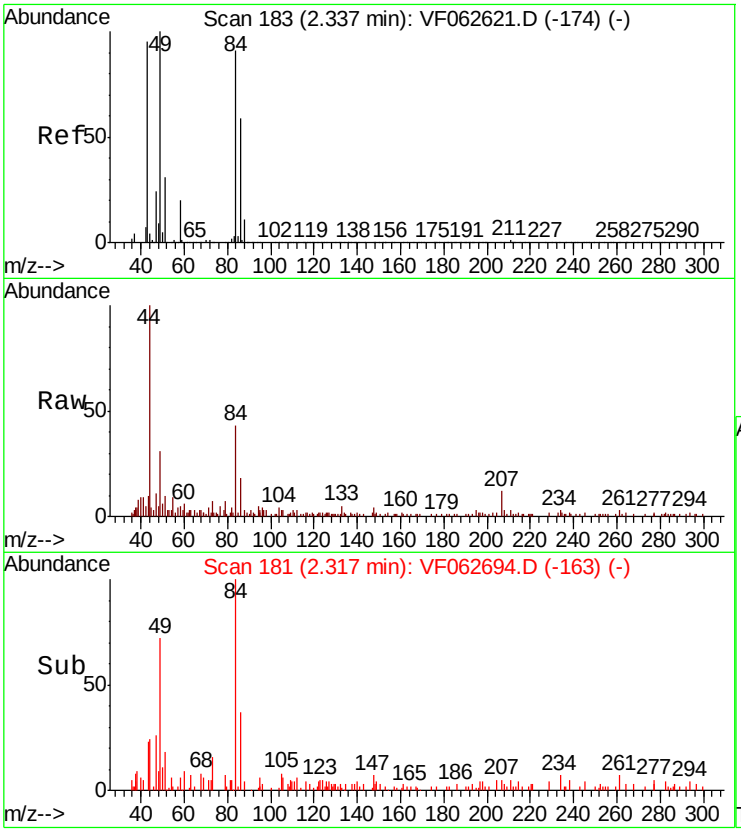


#16
Acetone
Concen: 1.796 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Tgt Ion: 43 Resp: 2352

Ion	Ratio	Lower	Upper
43	100		
58	30.5	22.6	33.8



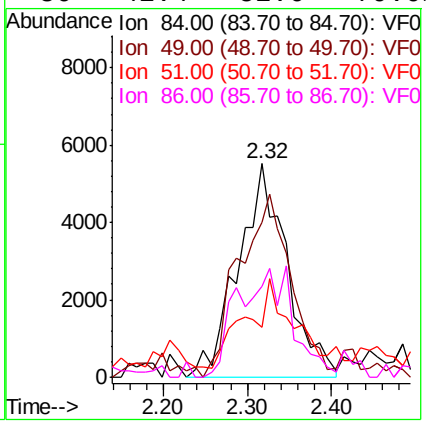


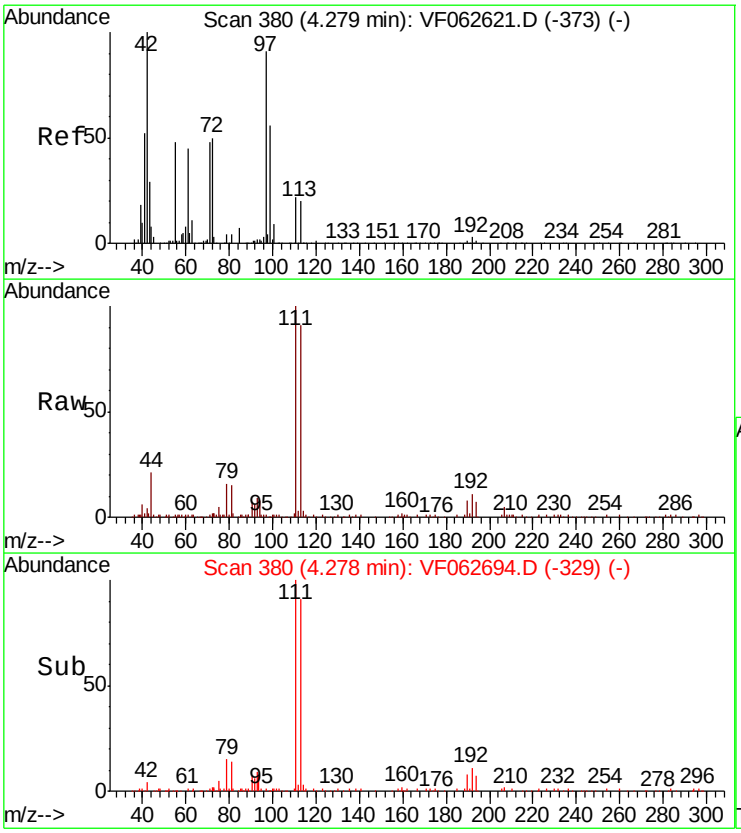
#20
Methylene Chloride
Concen: 3.402 ug/l
RT: 2.32 min Scan# 181
Delta R.T. -0.02 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Instrument :
MSVOA_F
ClientSampleId :
SUP-2C-G-1-052019RE

Tgt Ion: 84 Resp: 22325

Ion	Ratio	Lower	Upper
84	100		
49	72.3	89.8	134.8#
51	23.3	28.4	42.6#
86	42.4	52.6	79.0#

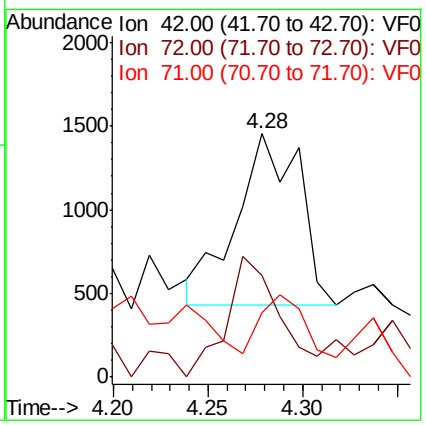


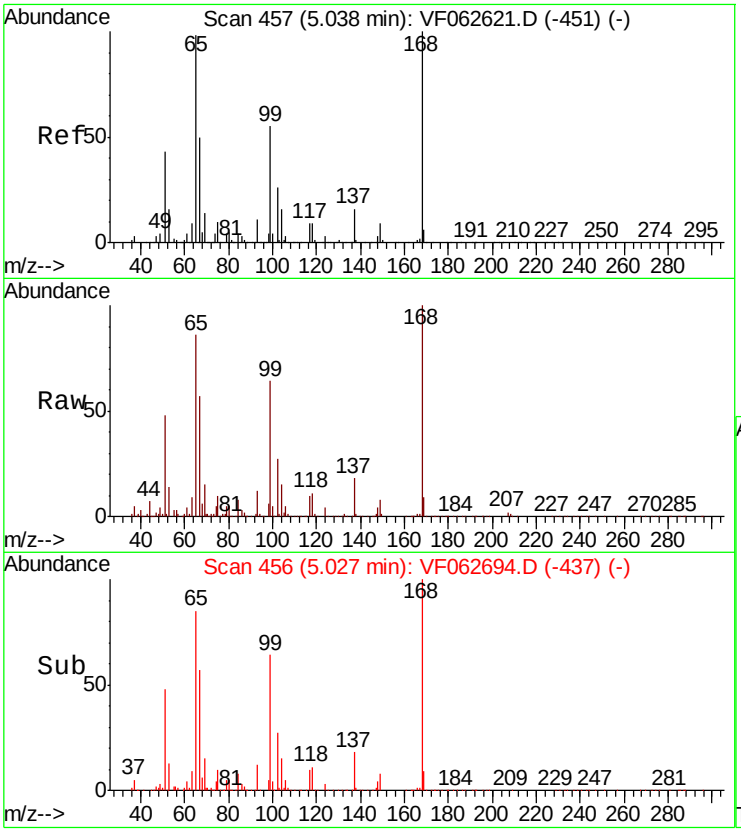


#29
Tetrahydrofuran
Concen: 2.105 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.00 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Tgt Ion: 42 Resp: 2383

Ion	Ratio	Lower	Upper
42	100		
72	59.2	38.2	57.2#
71	38.8	35.8	53.6



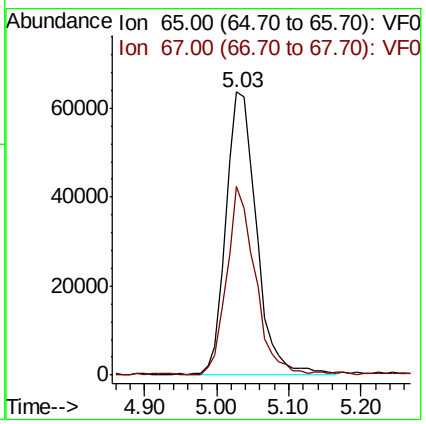


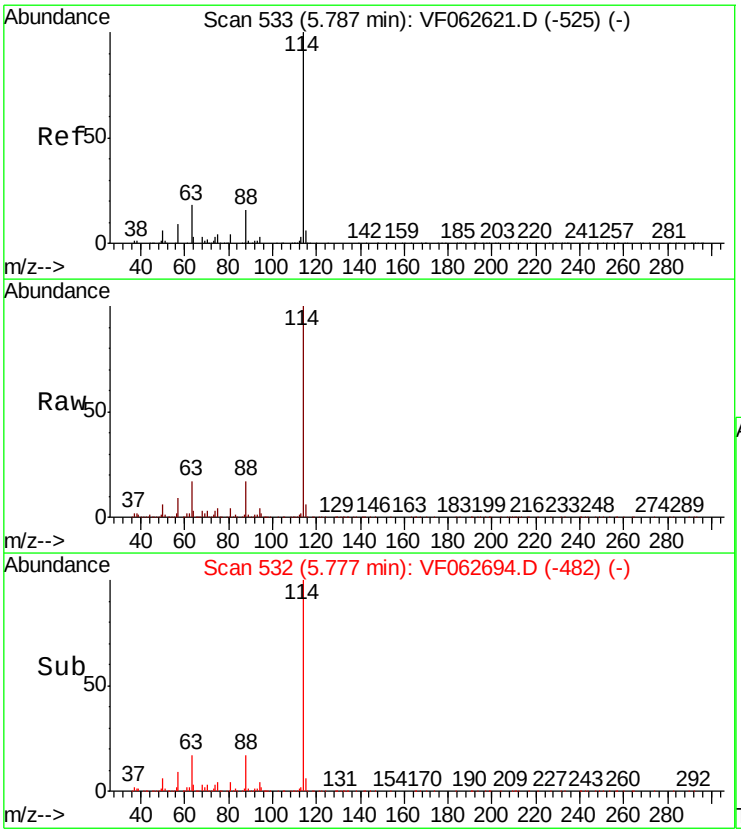
#33
1,2-Dichloroethane-d4
Concen: 37.521 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.01 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Instrument :
MSVOA_F
ClientSampleId :
SUP-2C-G-1-052019RE

Tgt Ion: 65 Resp: 189356

Ion	Ratio	Lower	Upper
65	100		
67	66.6	0.0	117.6

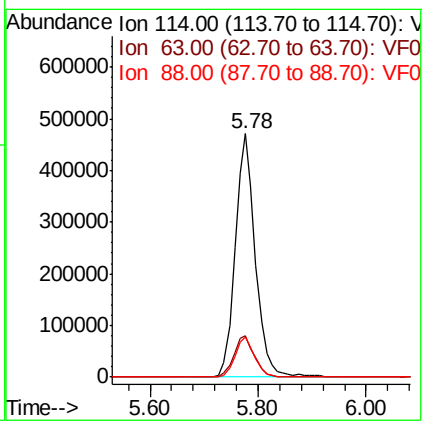


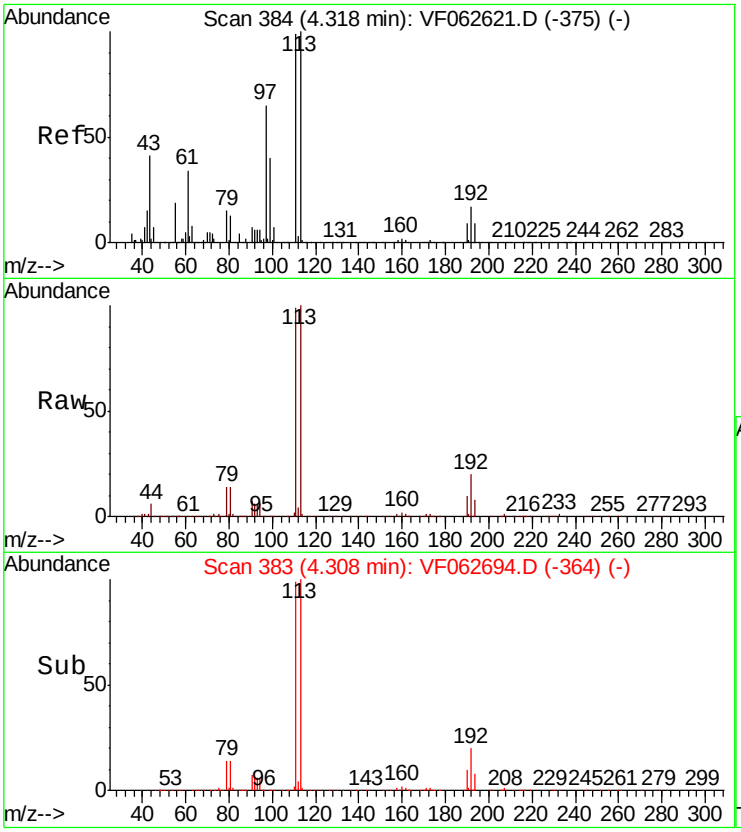


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. -0.01 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Tgt Ion:114 Resp: 1220639

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	35.4
88	16.5	0.0	32.4



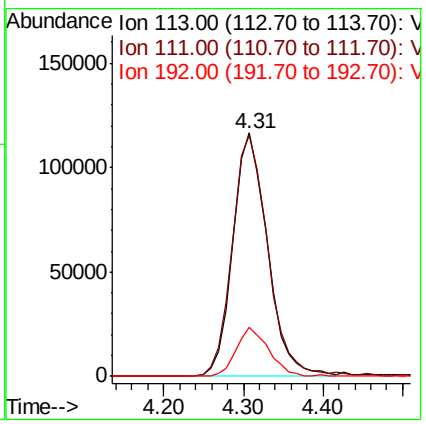


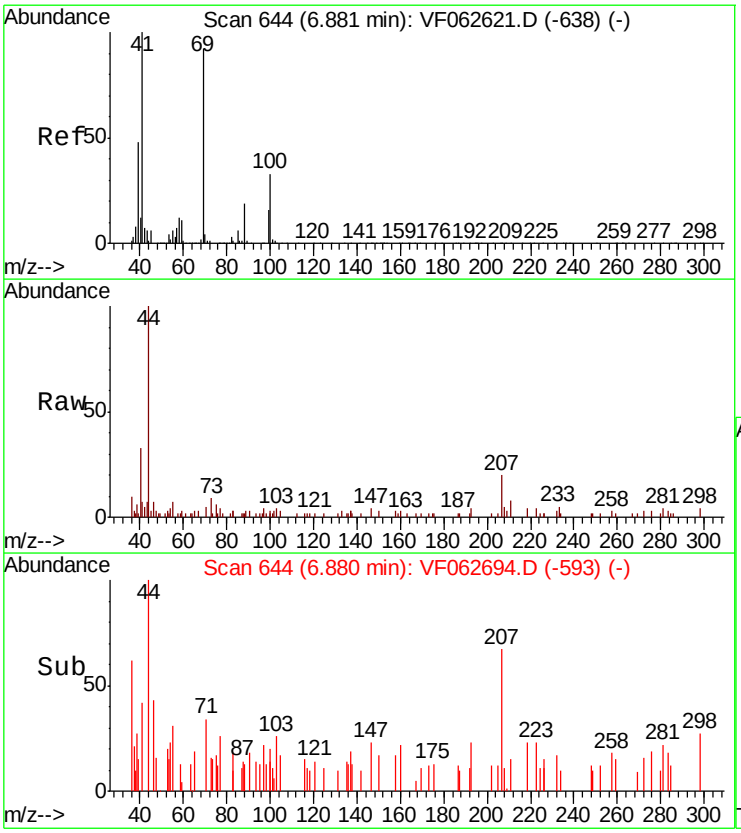
#35
Dibromofluoromethane
Concen: 37.789 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.01 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Instrument :
MSVOA_F
ClientSampleId :
SUP-2C-G-1-052019RE

Tgt Ion:113 Resp: 352960

Ion	Ratio	Lower	Upper
113	100		
111	99.2	79.4	119.2
192	20.1	13.4	20.2

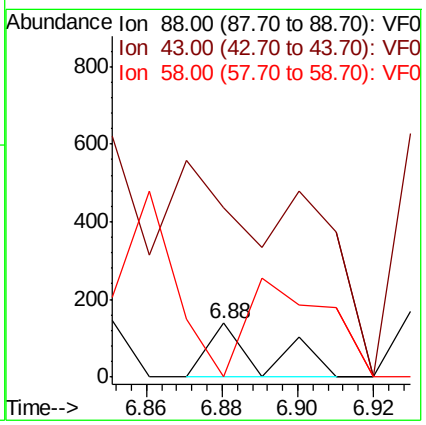


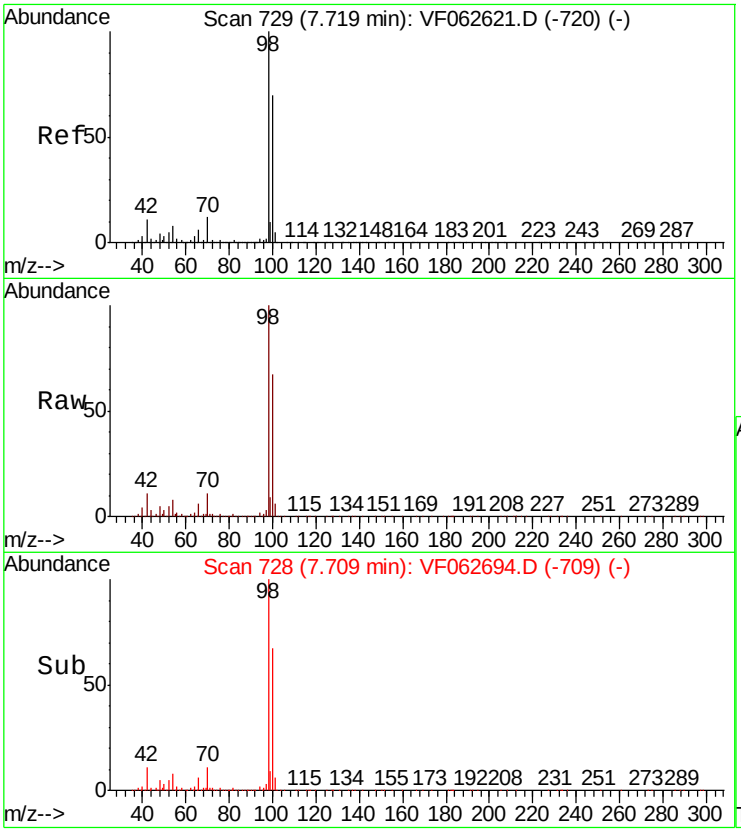


#49
1,4-Dioxane
Concen: 3.251 ug/l
RT: 6.88 min Scan# 644
Delta R.T. -0.00 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Tgt Ion: 88 Resp: 144

Ion	Ratio	Lower	Upper
88	100		
43	313.7	30.0	45.0#
58	0.0	51.1	76.7#



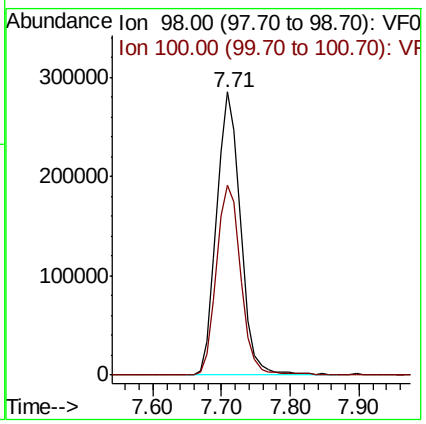


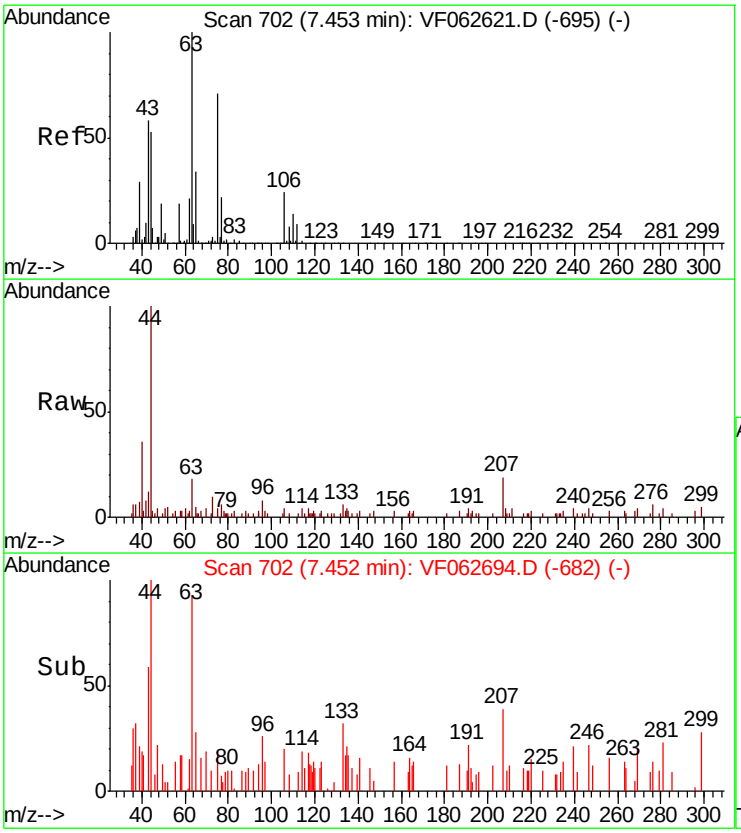
#50
Toluene-d8
Concen: 30.841 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Instrument :
MSVOA_F
ClientSampleId :
SUP-2C-G-1-052019RE

Tgt Ion: 98 Resp: 687801

Ion	Ratio	Lower	Upper
98	100		
100	67.0	56.2	84.2

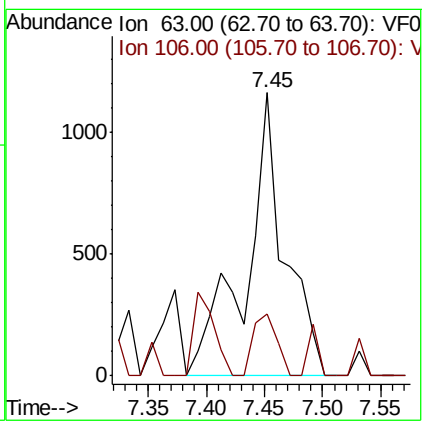


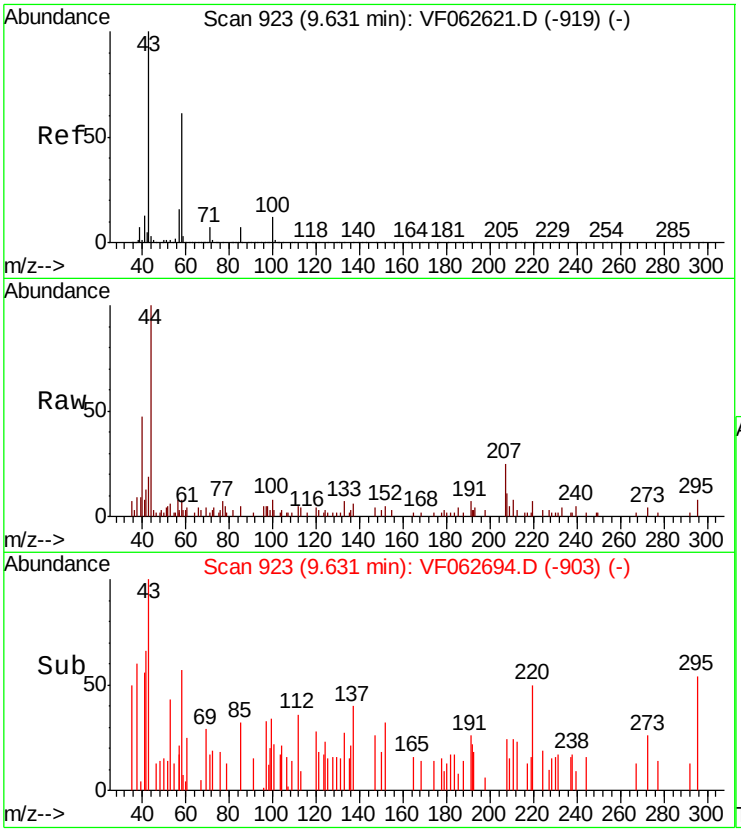


#58
2-Chloroethyl Vinyl ether
Concen: 1.311 ug/l
RT: 7.45 min Scan# 702
Delta R.T. -0.00 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Tgt Ion: 63 Resp: 2691

Ion	Ratio	Lower	Upper
63	100		
106	21.7	19.1	28.7



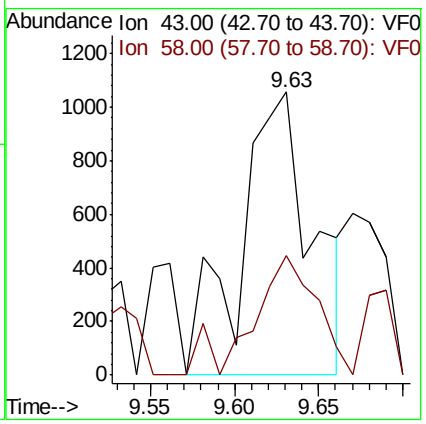


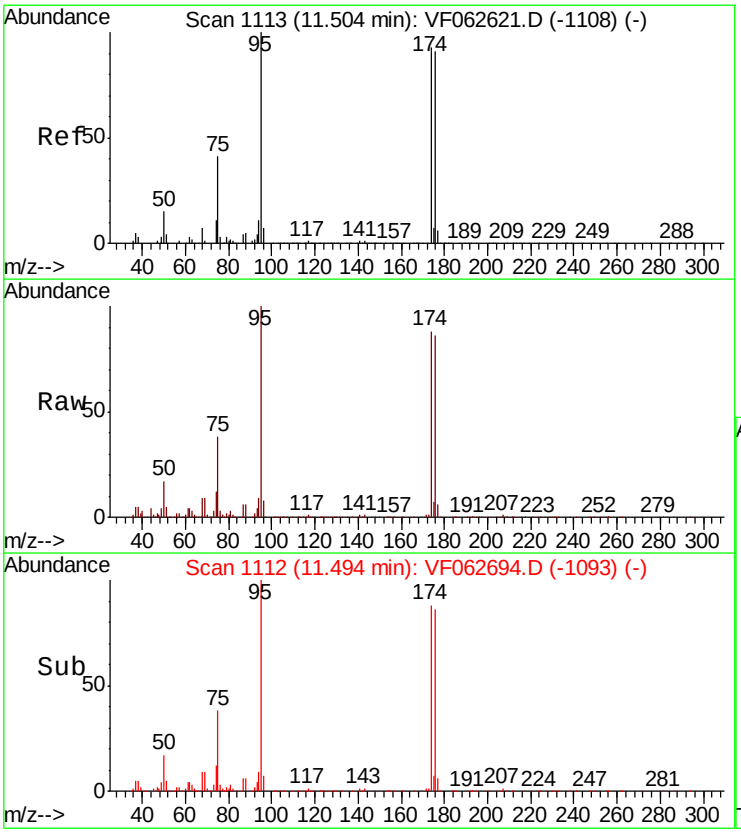
#59
2-Hexanone
Concen: Below Cal
RT: 9.63 min Scan# 923
Delta R.T. -0.00 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Instrument :
MSVOA_F
ClientSampleId :
SUP-2C-G-1-052019RE

Tgt Ion: 43 Resp: 3126

Ion	Ratio	Lower	Upper
43	100		
58	42.1	28.1	84.4

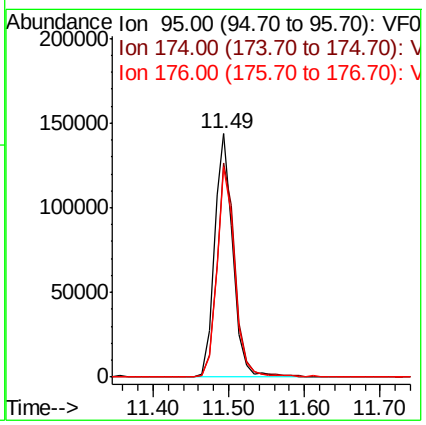


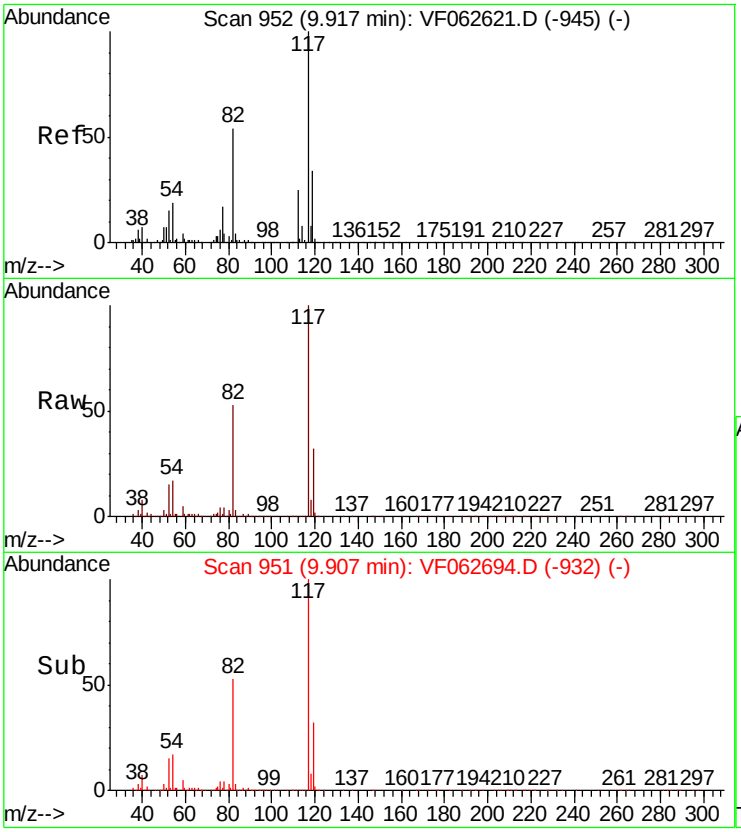


#62
4-Bromofluorobenzene
Concen: 28.842 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Tgt Ion: 95 Resp: 243954

Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	185.6
176	86.3	0.0	182.4



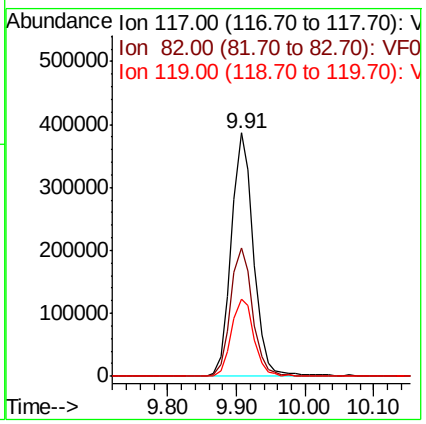


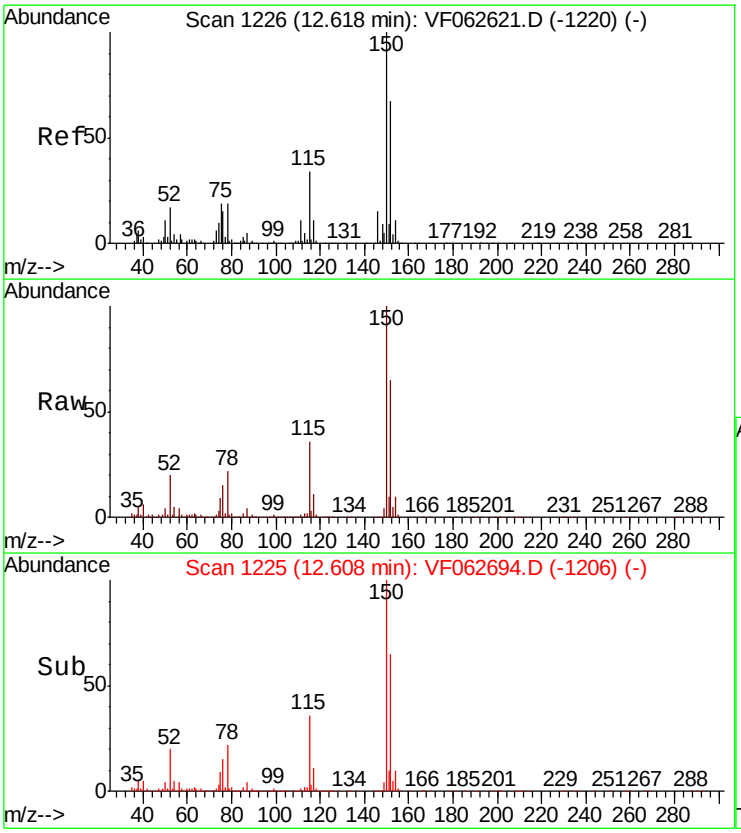
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Instrument :
MSVOA_F
ClientSampleId :
SUP-2C-G-1-052019RE

Tgt Ion:117 Resp: 862124

Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.3	64.9
119	31.6	27.4	41.0

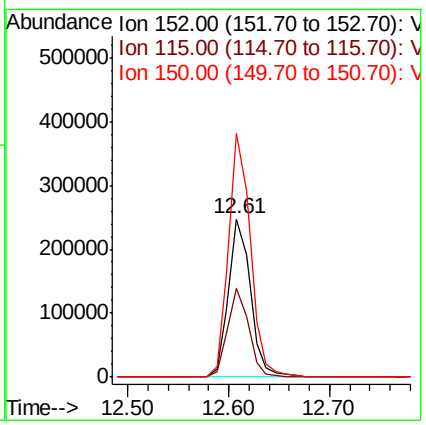


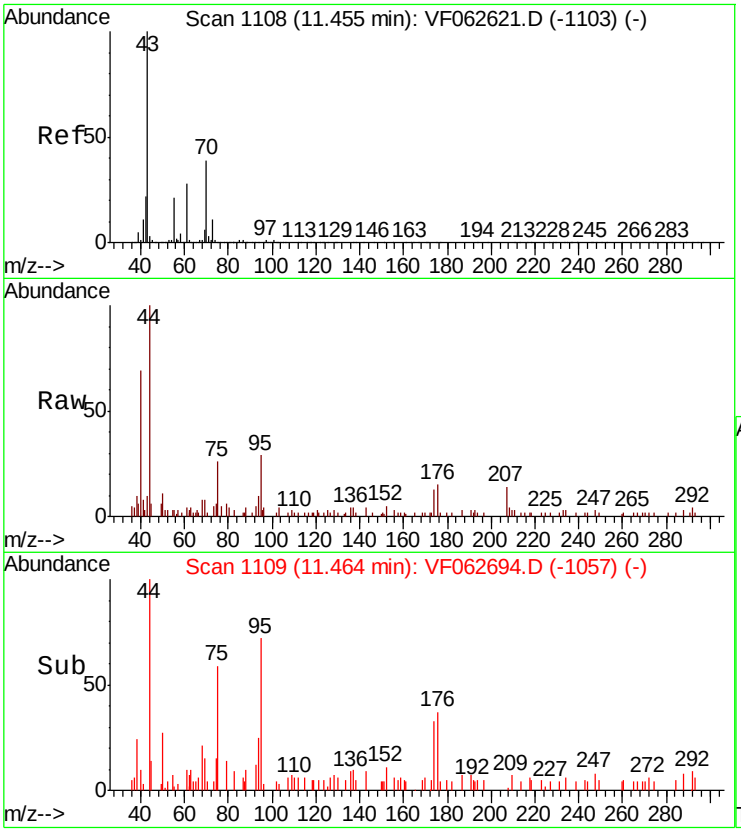


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Tgt Ion:152 Resp: 377626

Ion	Ratio	Lower	Upper
152	100		
115	56.0	25.2	75.6
150	154.0	0.0	306.2





#74
N-amyl acetate
Concen: Below Cal
RT: 11.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Instrument :
MSVOA_F
ClientSampleId :
SUP-2C-G-1-052019RE

Tgt Ion: 43 Resp: 1798

Ion	Ratio	Lower	Upper
43	100		
70	16.6	30.9	46.3#
55	30.3	17.0	25.4#
61	40.7	22.6	34.0#