Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052319\
Data File : VF062720.D
Acq On : 23 May 2019 12:02
Operator : FY/SY
Sample : VF0523SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0523SBL01

Quant Time: May 24 02:12:26 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	5.05	168	769864	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.78	114	1197864	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	910604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	423867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	271993	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.00%			
35) Dibromofluoromethane	4.31	113	511948	55.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.70%			
50) Toluene-d8	7.71	98	1035249	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.60%			
62) 4-Bromofluorobenzene	11.49	95	394418	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.04%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.72	59	1202	3.347	ug/l #	70
13) Acrolein	2.12	56	977	2.606	ug/l #	66
15) Acrylonitrile	3.08	53	3489	3.444	ug/l #	61
16) Acetone	2.35	43	7623	5.401	ug/l	89
18) Methyl Acetate	2.51	43	12767	5.756	ug/l #	61
20) Methylene Chloride	2.31	84	10464	1.479	ug/l #	75
29) Tetrahydrofuran	4.28	42	3633	2.977	ug/l #	74
49) 1,4-Dioxane	6.89	88	759	17.462	ug/l #	50
51) 4-Methyl-2-Pentanone	8.41	43	9673	2.180	ug/l #	75
58) 2-Chloroethyl Vinyl ether	7.44	63	8856	4.398	ug/l #	69
59) 2-Hexanone	9.63	43	14138	Below Cal		81
74) N-amyl acetate	11.45	43	6564	Below Cal	#	92

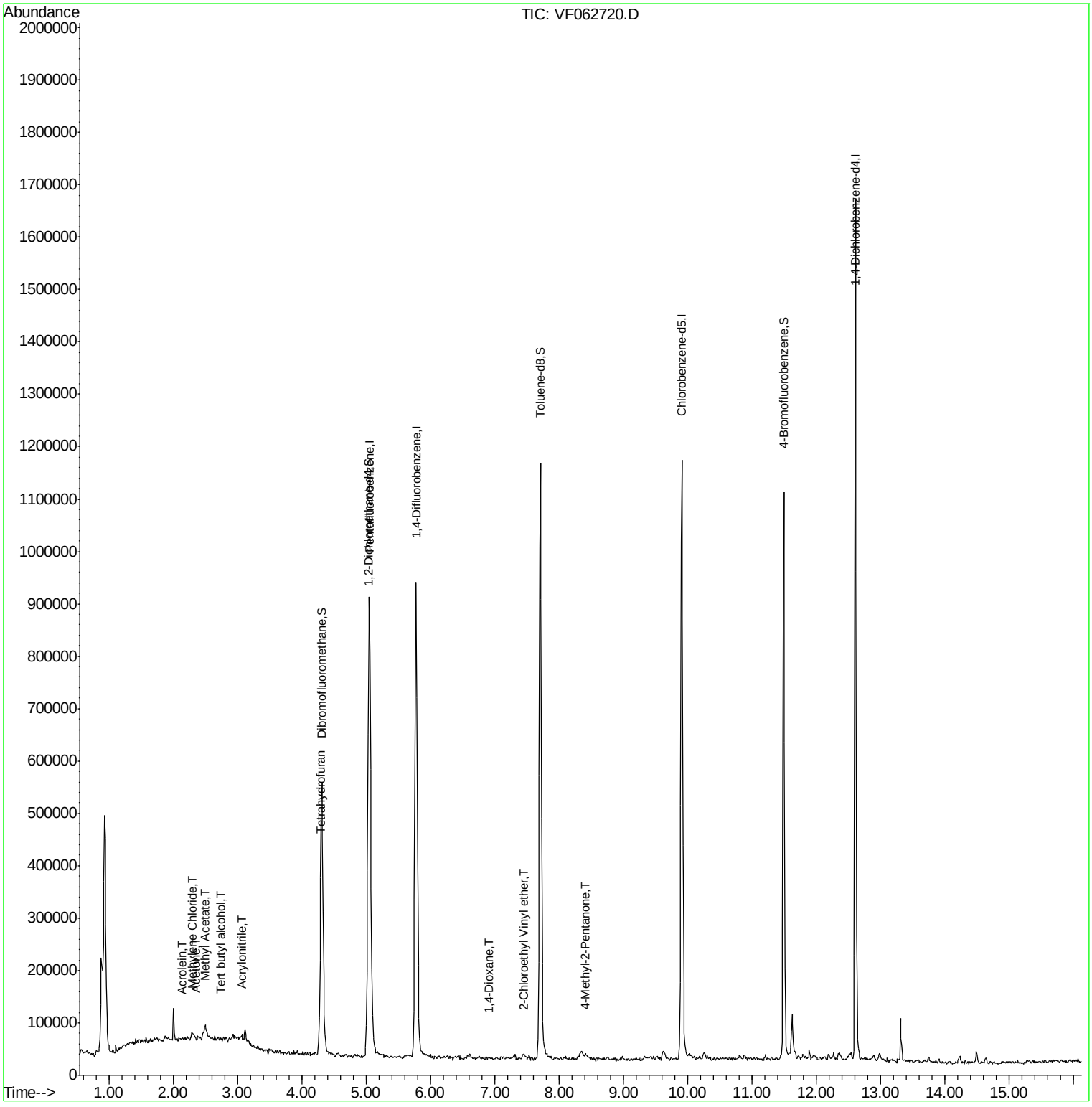
(#) = qualifier out of range (m) = manual integration (+) = signals summed

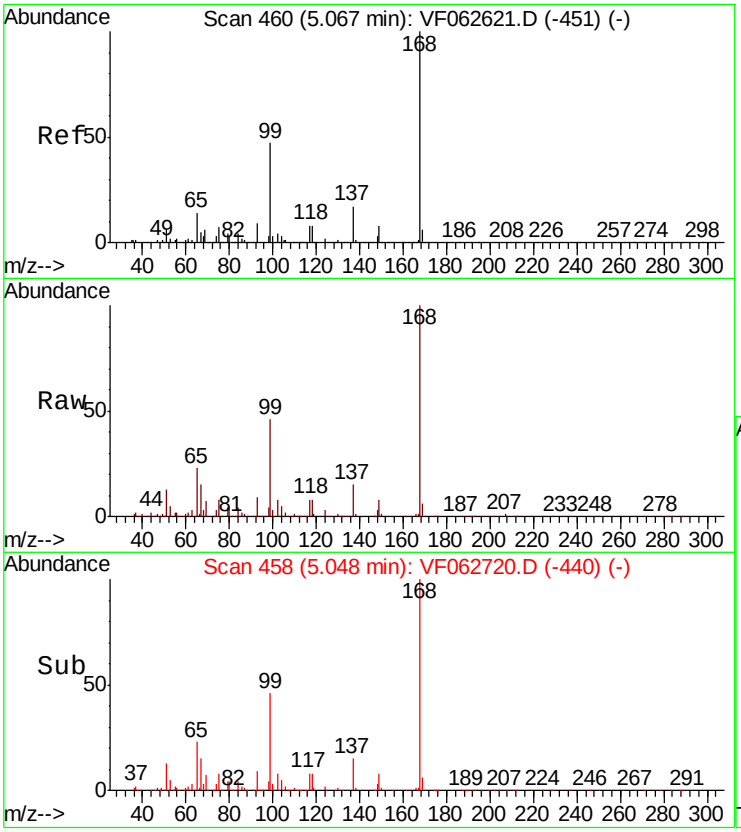
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF052319\
Data File : VF062720.D
Acq On : 23 May 2019 12:02
Operator : FY/SY
Sample : VF0523SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0523SBL01

Quant Time: May 24 02:12:26 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



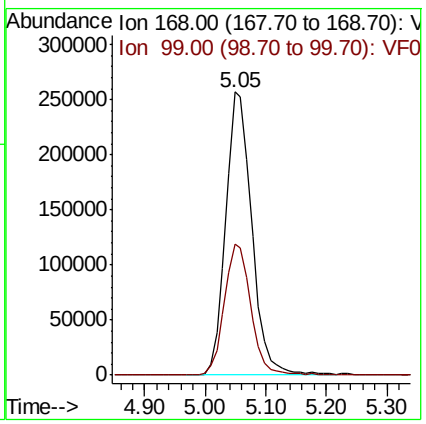


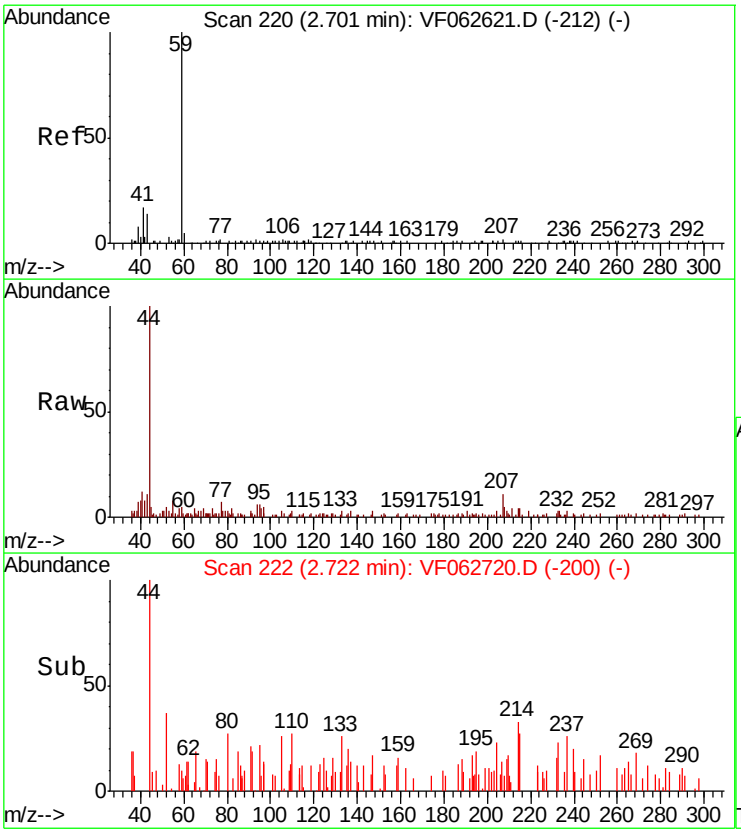
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 458
Delta R.T. -0.02 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Instrument :
MSVOA_F
ClientSampleId :
VF0523SBL01

Tgt Ion:168 Resp: 769864

Ion	Ratio	Lower	Upper
168	100		
99	46.3	37.8	56.8

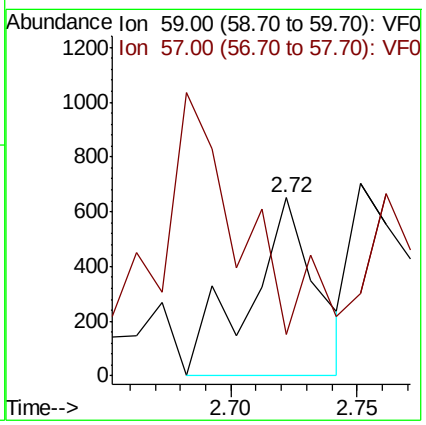


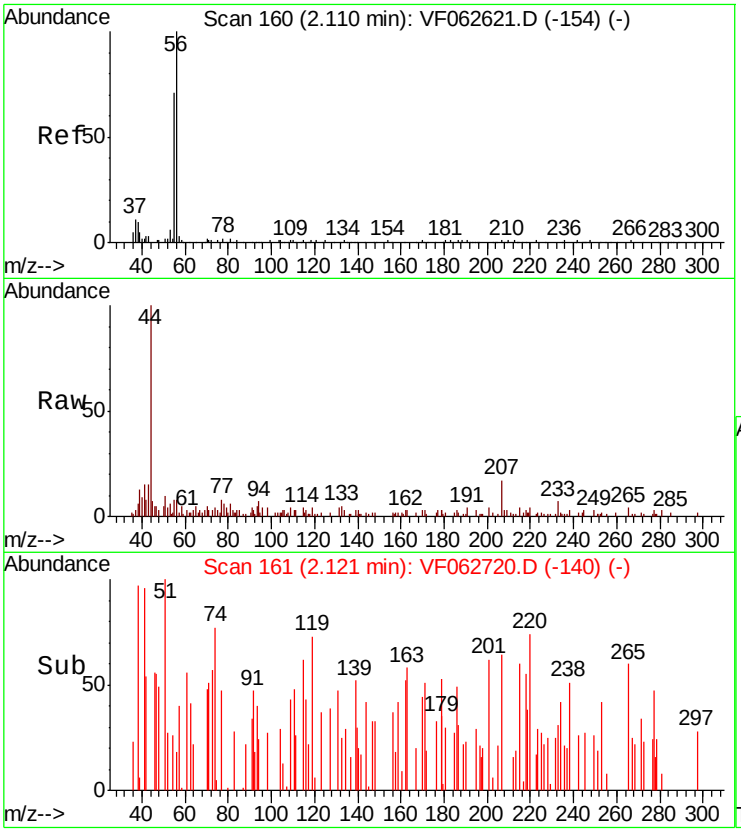


#11
Tert butyl alcohol
Concen: 3.347 ug/l
RT: 2.72 min Scan# 222
Delta R.T. 0.02 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Tgt Ion: 59 Resp: 1202

Ion	Ratio	Lower	Upper
59	100		
57	23.2	9.3	13.9#



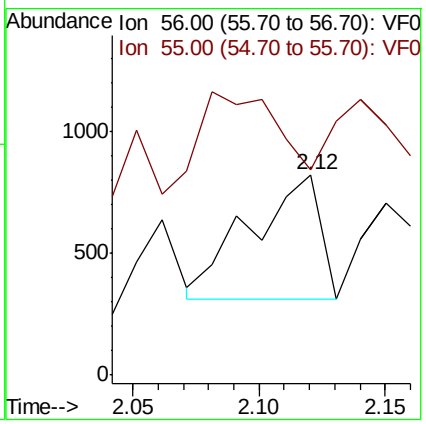


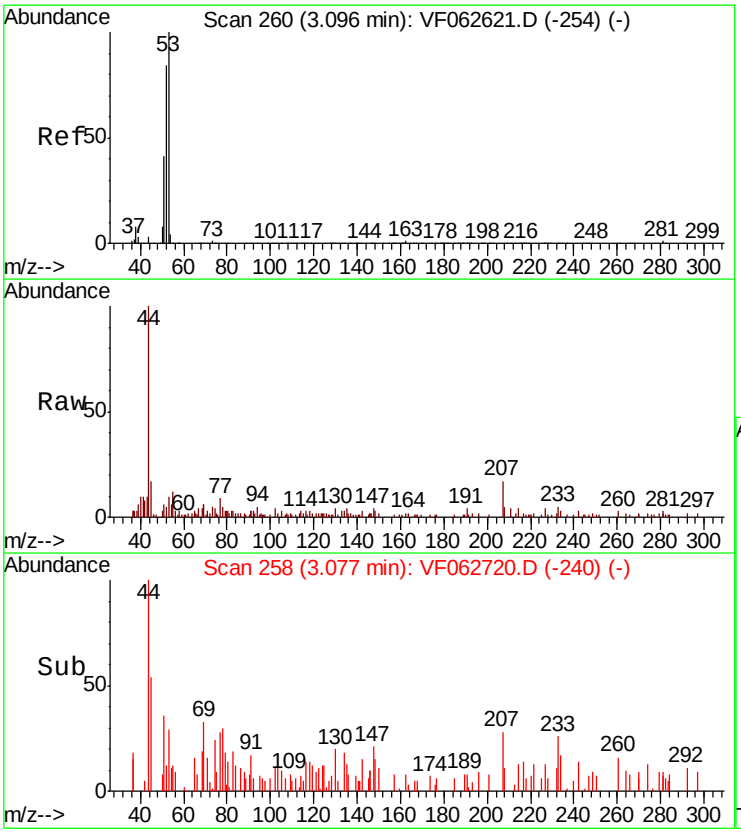
#13
Acrolein
Concen: 2.606 ug/l
RT: 2.12 min Scan# 161
Delta R.T. 0.01 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Instrument : MSVOA_F
ClientSampleId : VF0523SBL01

Tgt Ion: 56 Resp: 977

Ion	Ratio	Lower	Upper
56	100		
55	102.7	59.4	89.0#

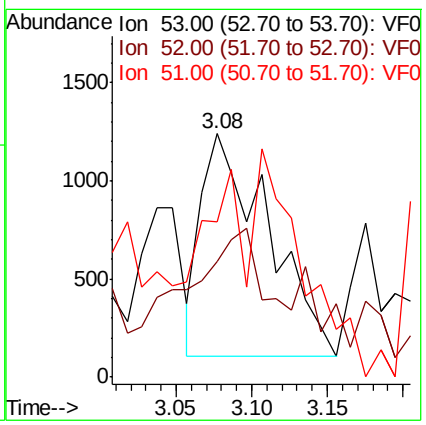


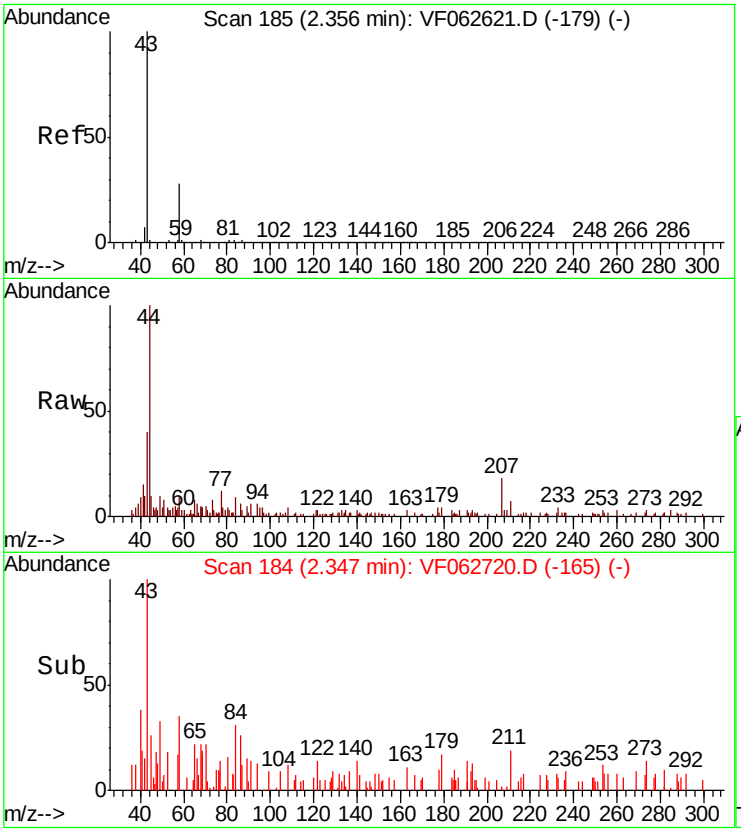


#15
Acrylonitrile
Concen: 3.444 ug/l
RT: 3.08 min Scan# 258
Delta R.T. -0.02 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Tgt Ion: 53 Resp: 3489

Ion	Ratio	Lower	Upper
53	100		
52	47.4	67.3	100.9#
51	64.0	33.0	49.6#



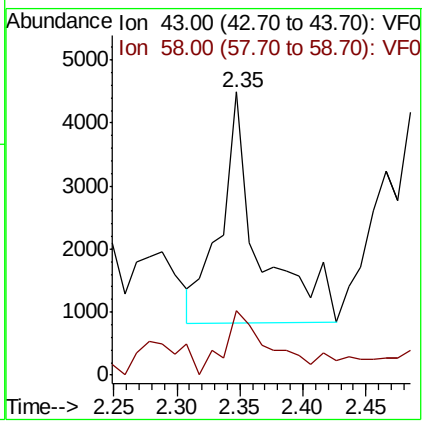


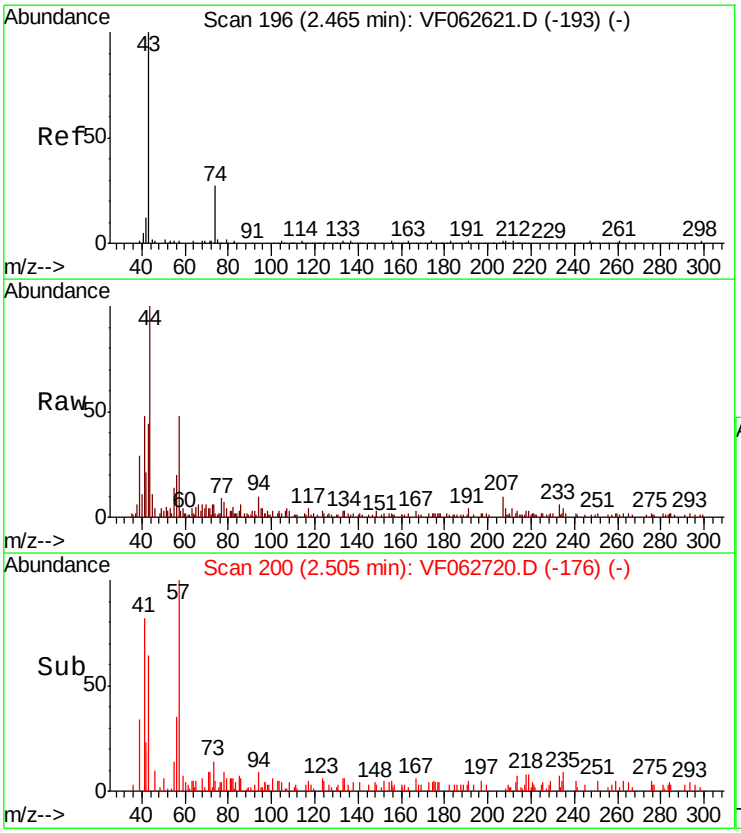
#16
Acetone
Concen: 5.401 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Instrument :
MSVOA_F
ClientSampleId :
VF0523SBL01

Tgt Ion: 43 Resp: 7623

Ion	Ratio	Lower	Upper
43	100		
58	22.6	22.6	33.8

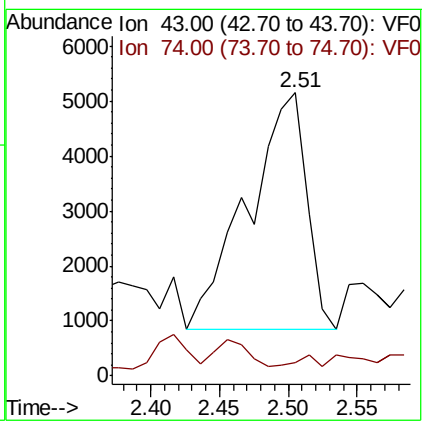


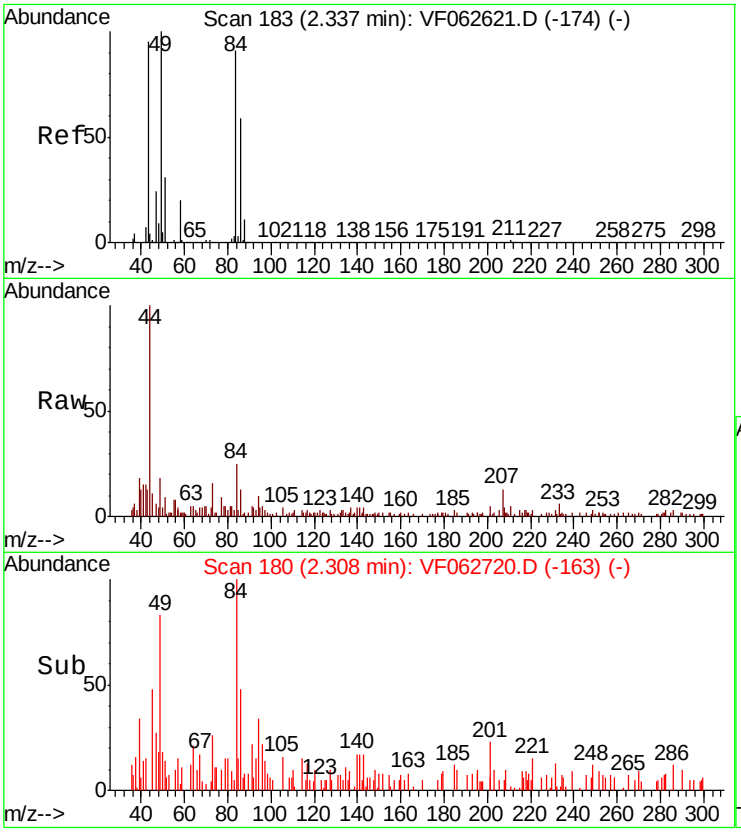


#18
Methyl Acetate
Concen: 5.756 ug/l
RT: 2.51 min Scan# 200
Delta R.T. 0.04 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Tgt Ion: 43 Resp: 12767

Ion	Ratio	Lower	Upper
43	100		
74	4.7	18.9	28.3#



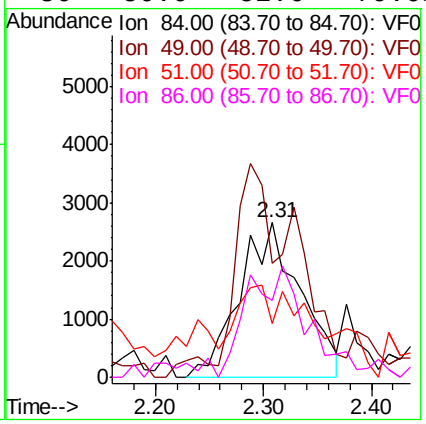


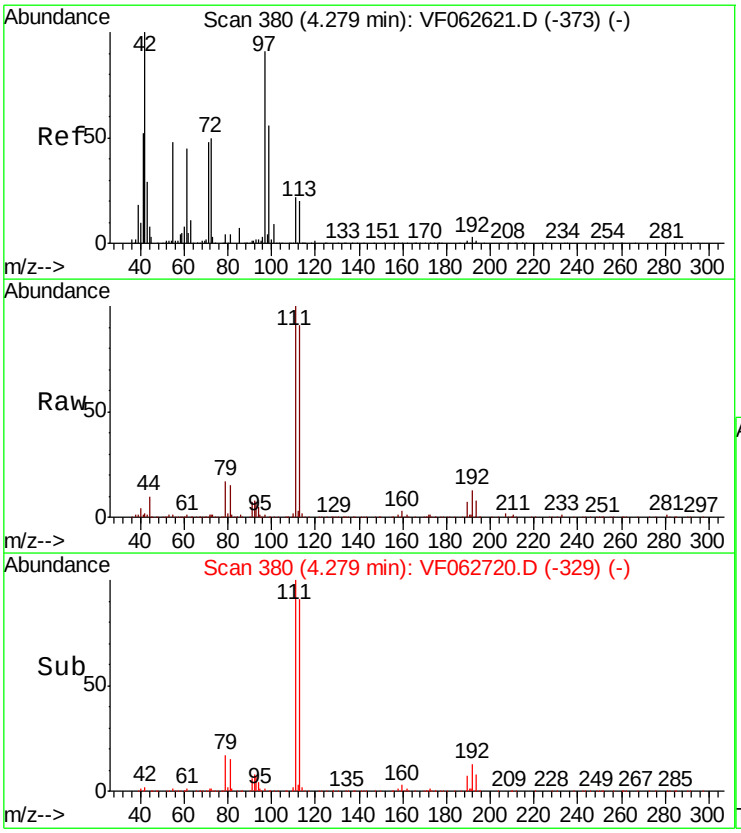
#20
Methylene Chloride
Concen: 1.479 ug/l
RT: 2.31 min Scan# 180
Delta R.T. -0.03 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Instrument : MSVOA_F
ClientSampleId : VF0523SBL01

Tgt Ion: 84 Resp: 10464

Ion	Ratio	Lower	Upper
84	100		
49	73.7	89.8	134.8#
51	34.7	28.4	42.6
86	50.0	52.6	79.0#

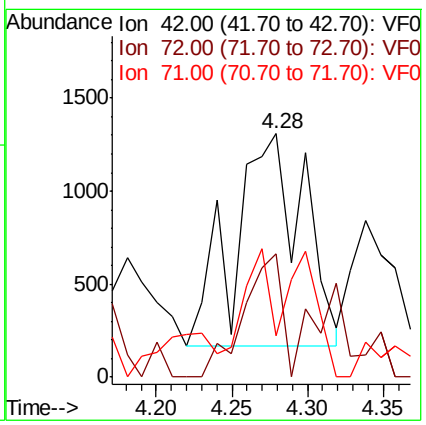


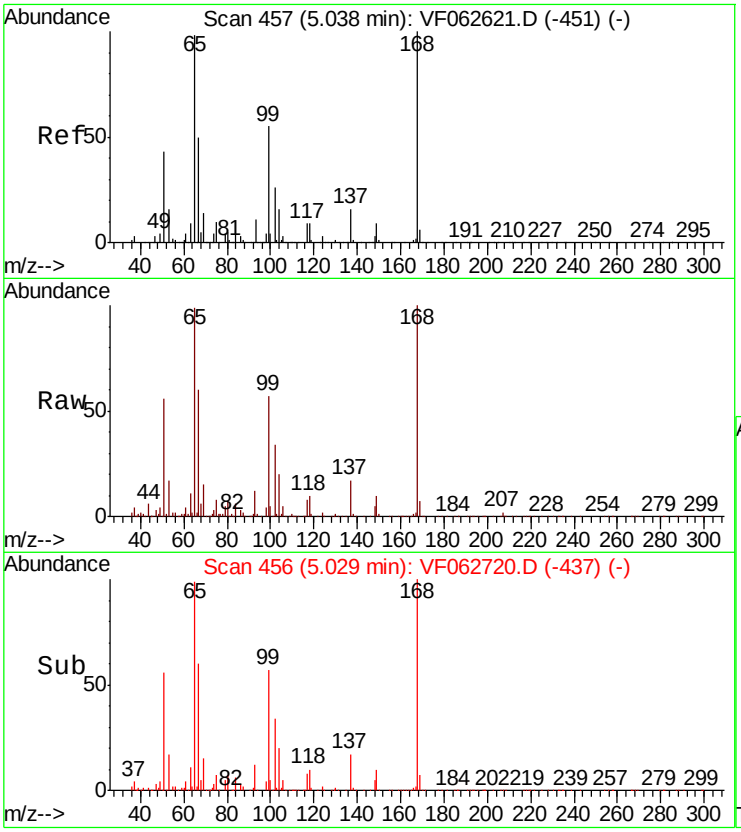


#29
Tetrahydrofuran
Concen: 2.977 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.00 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Tgt Ion: 42 Resp: 3633

Ion	Ratio	Lower	Upper
42	100		
72	31.9	38.2	57.2#
71	25.6	35.8	53.6#



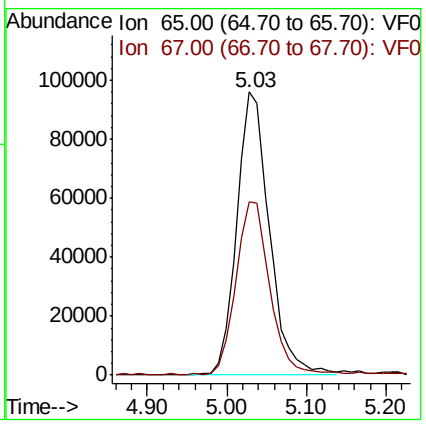


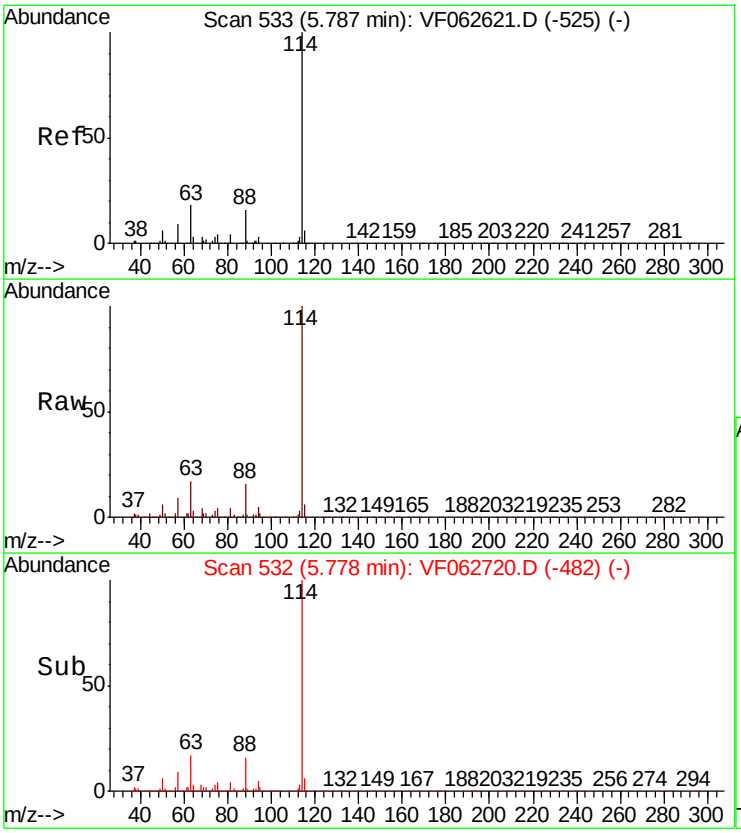
#33
1,2-Dichloroethane-d4
Concen: 49.997 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.01 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Instrument :
MSVOA_F
ClientSampleId :
VF0523SBL01

Tgt Ion: 65 Resp: 271993

Ion	Ratio	Lower	Upper
65	100		
67	61.2	0.0	117.6

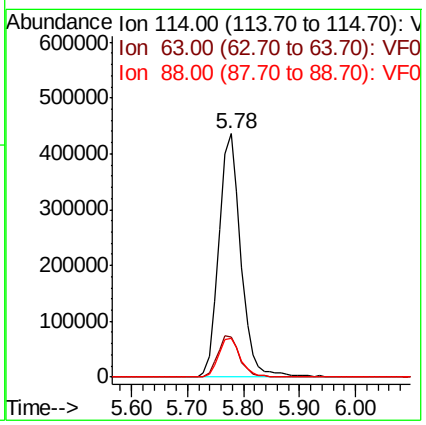


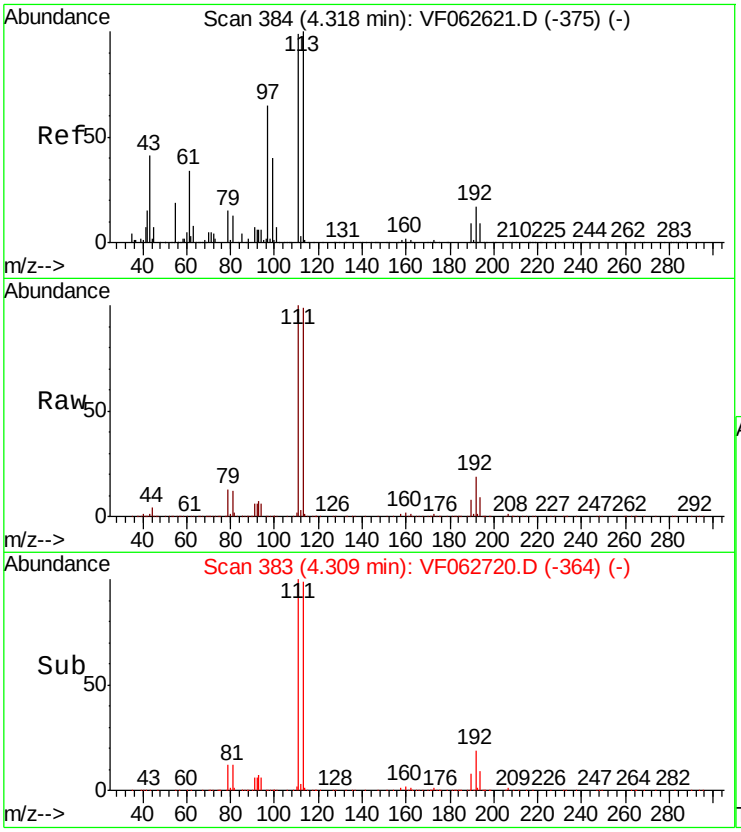


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. -0.01 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Tgt Ion:114 Resp: 1197864

Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	35.4
88	15.8	0.0	32.4



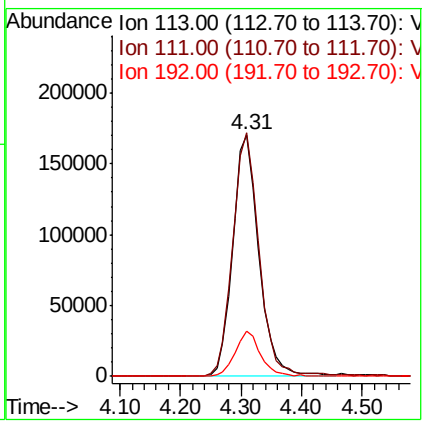


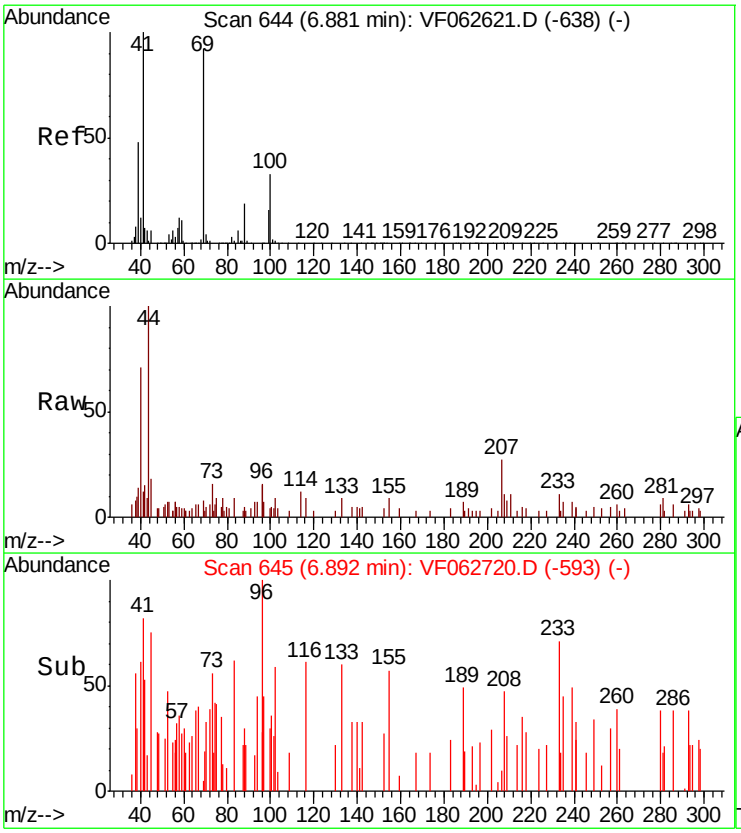
#35
Dibromofluoromethane
Concen: 55.852 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.01 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Instrument :
MSVOA_F
ClientSampleId :
VF0523SBL01

Tgt Ion:113 Resp: 511948

Ion	Ratio	Lower	Upper
113	100		
111	100.8	79.4	119.2
192	18.7	13.4	20.2

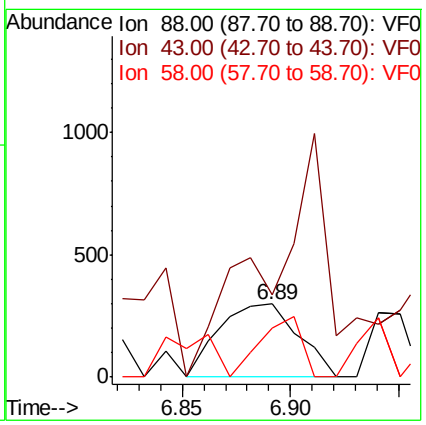


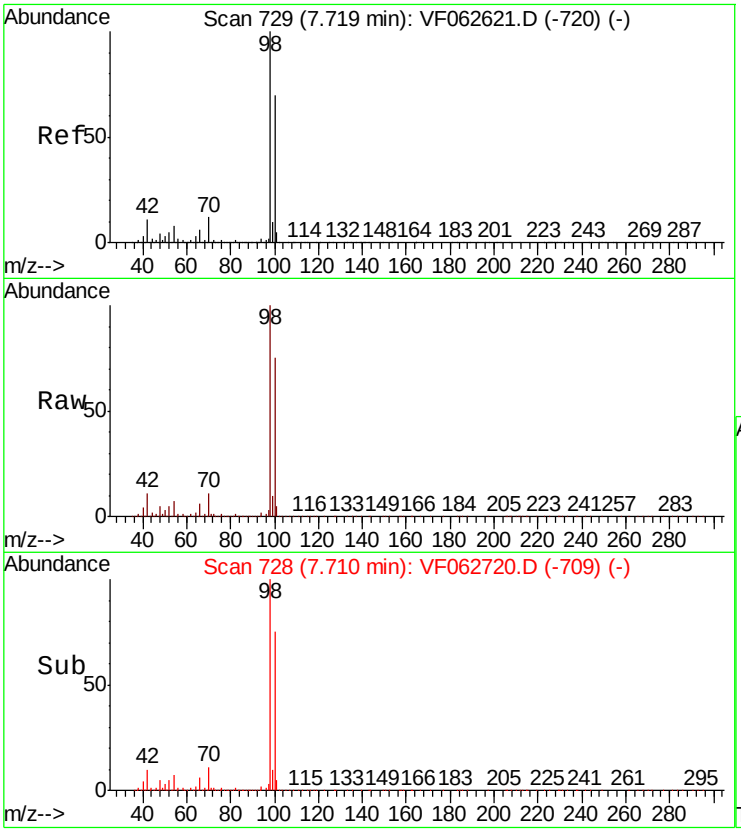


#49
1,4-Dioxane
Concen: 17.462 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.01 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Tgt Ion: 88 Resp: 759

Ion	Ratio	Lower	Upper
88	100		
43	112.8	30.0	45.0#
58	68.1	51.1	76.7



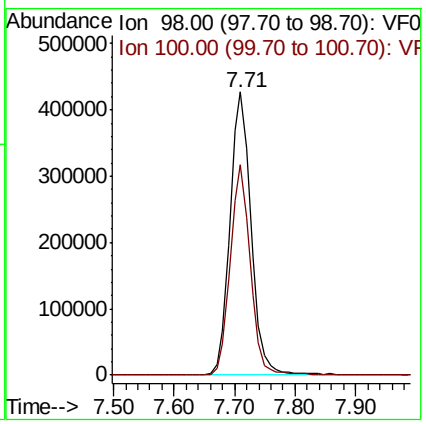


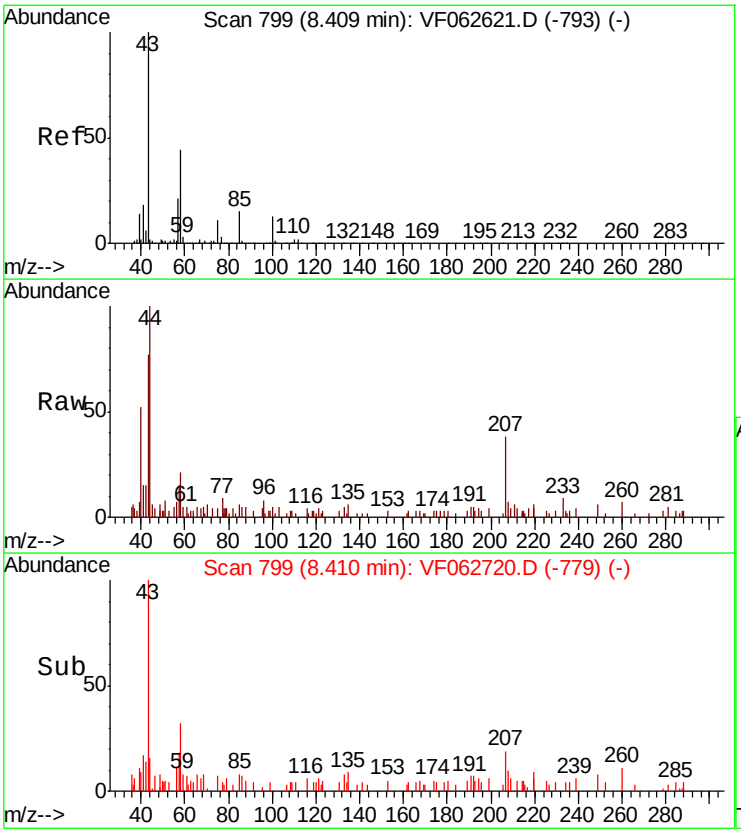
#50
Toluene-d8
Concen: 47.304 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Instrument :
MSVOA_F
ClientSampleId :
VF0523SBL01

Tgt Ion: 98 Resp: 1035249

Ion	Ratio	Lower	Upper
98	100		
100	74.5	56.2	84.2

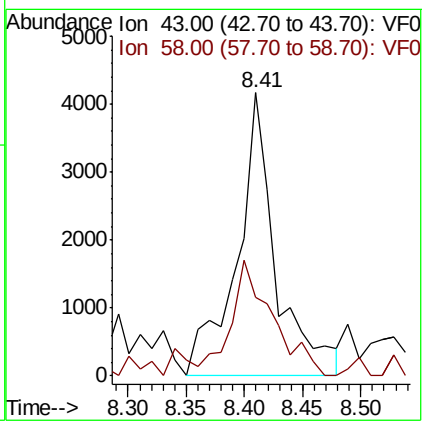


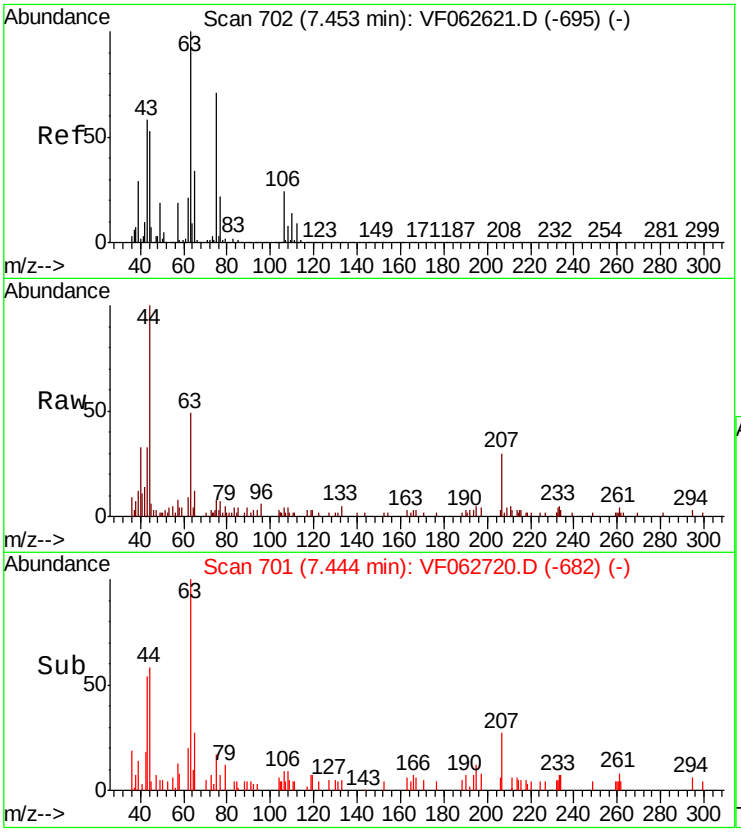


#51
4-Methyl-2-Pentanone
Concen: 2.180 ug/l
RT: 8.41 min Scan# 799
Delta R.T. 0.00 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Tgt Ion: 43 Resp: 9673

Ion	Ratio	Lower	Upper
43	100		
58	27.7	34.9	52.3#



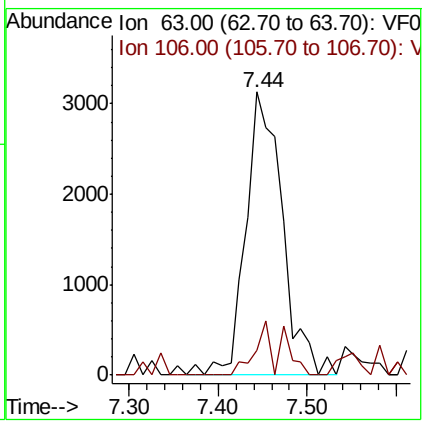


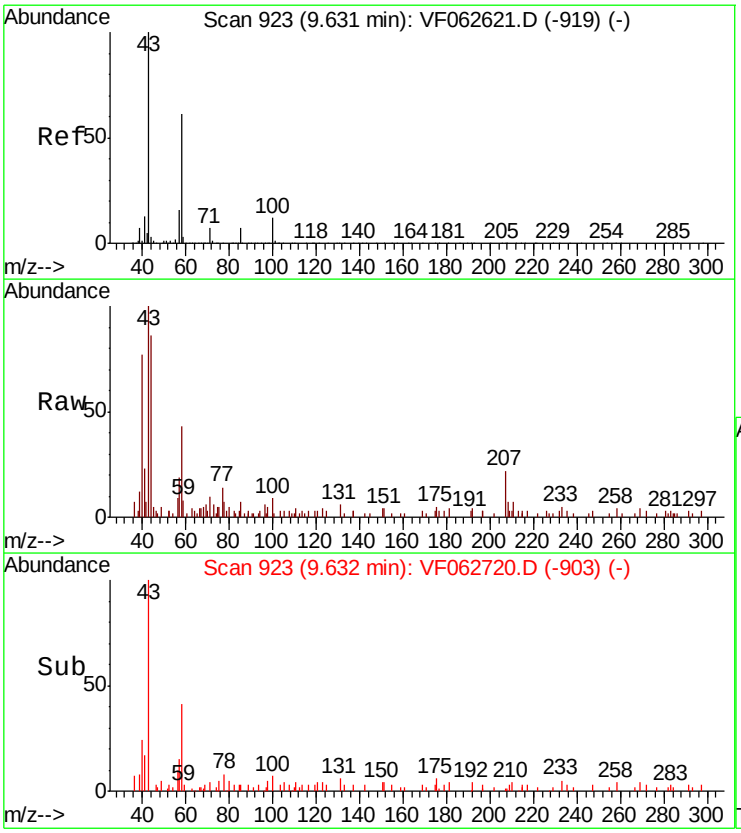
#58
2-Chloroethyl Vinyl ether
Concen: 4.398 ug/l
RT: 7.44 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Instrument :
MSVOA_F
ClientSampleId :
VF0523SBL01

Tgt Ion: 63 Resp: 8856

Ion	Ratio	Lower	Upper
63	100		
106	8.7	19.1	28.7#

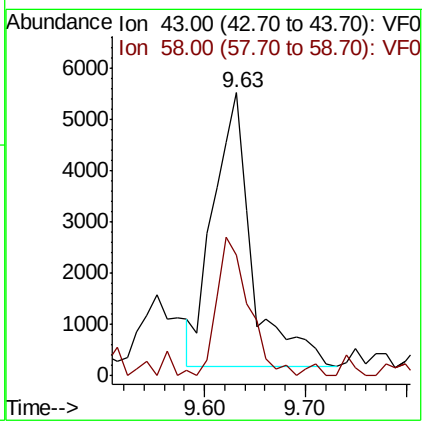


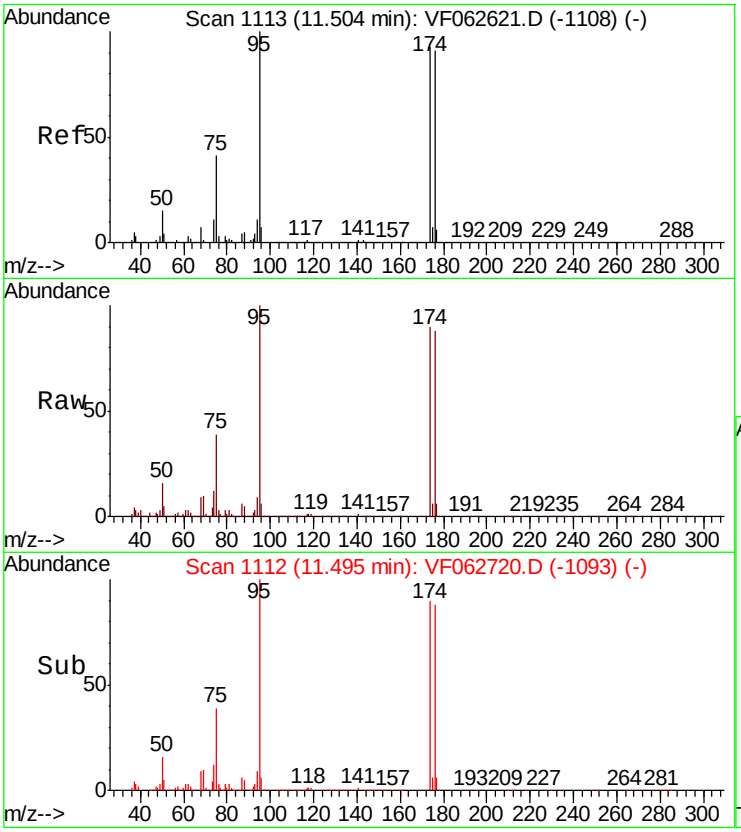


#59
2-Hexanone
Concen: Below Cal
RT: 9.63 min Scan# 923
Delta R.T. 0.00 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Tgt Ion: 43 Resp: 14138

Ion	Ratio	Lower	Upper
43	100		
58	42.6	28.1	84.4



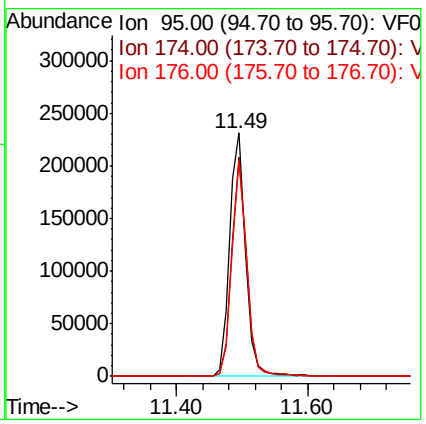


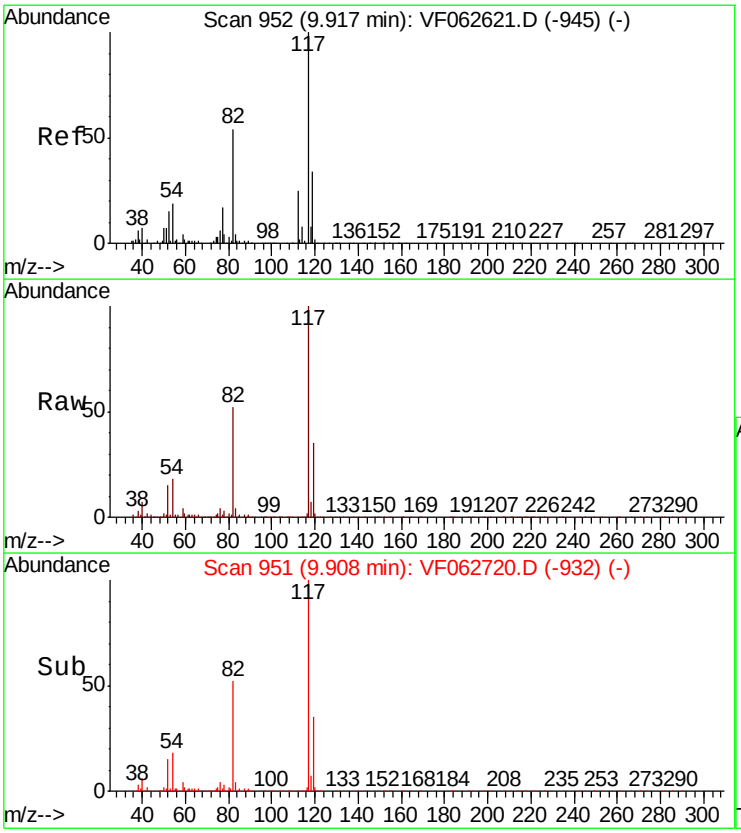
#62
4-Bromofluorobenzene
Concen: 47.518 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Instrument :
MSVOA_F
ClientSampleId :
VF0523SBL01

Tgt Ion: 95 Resp: 394418

Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	185.6
176	88.3	0.0	182.4

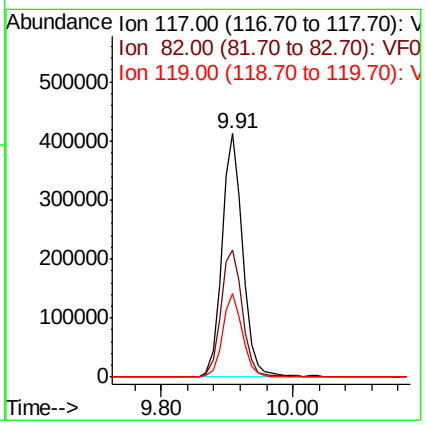


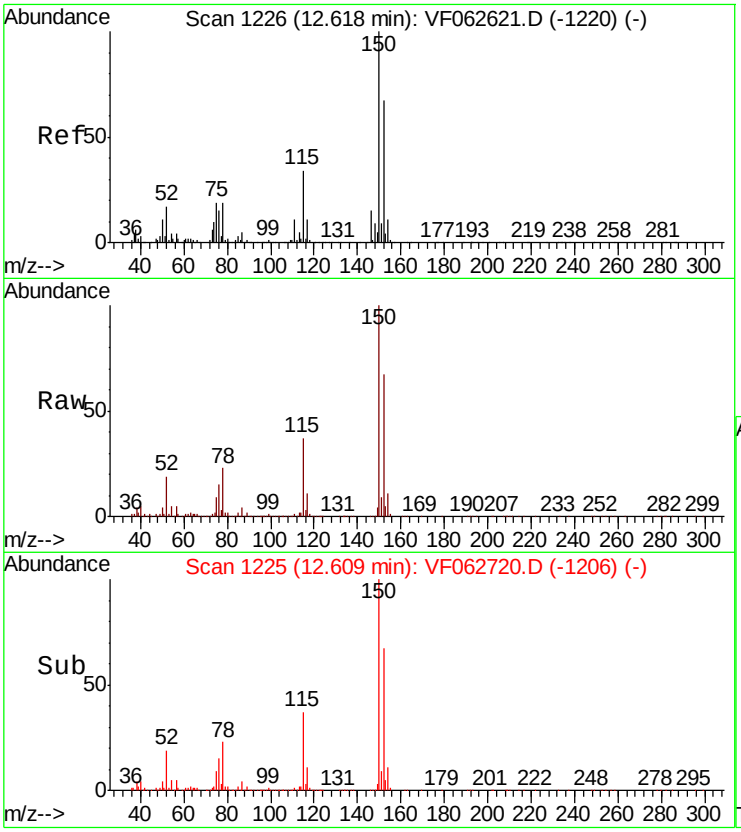


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Tgt Ion:117 Resp: 910604

Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.3	64.9
119	34.6	27.4	41.0



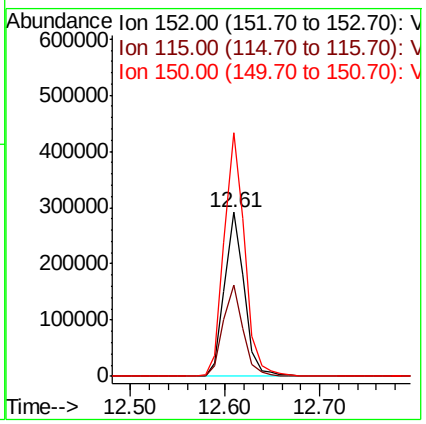


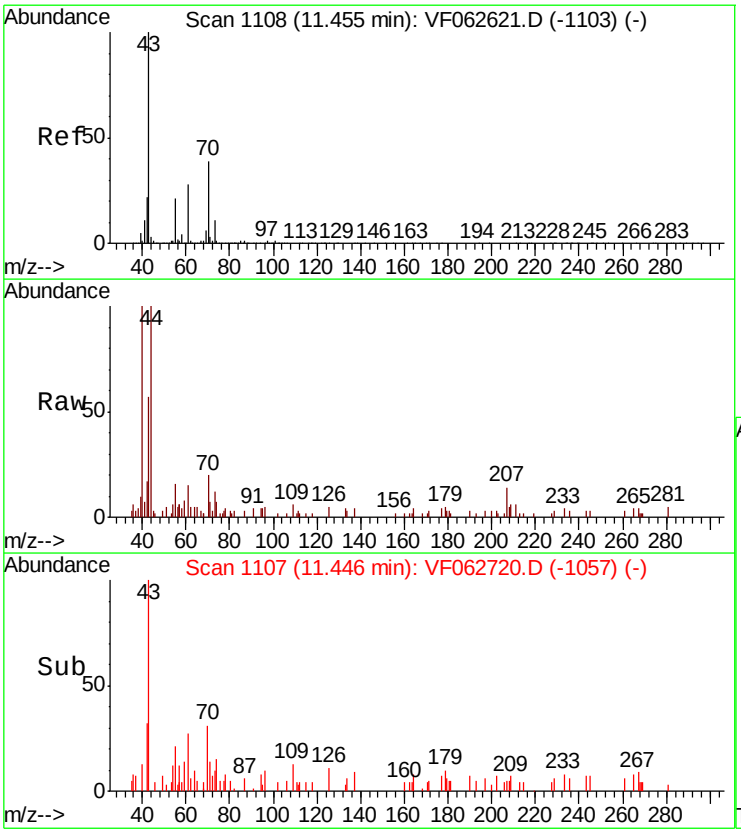
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Instrument : MSVOA_F
ClientSampleId : VF0523SBL01

Tgt Ion:152 Resp: 423867

Ion	Ratio	Lower	Upper
152	100		
115	55.5	25.2	75.6
150	148.5	0.0	306.2





#74
N-amyl acetate
Concen: Below Cal
RT: 11.45 min Scan# 1107
Delta R.T. -0.01 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Tgt Ion: 43 Resp: 6564

Ion	Ratio	Lower	Upper
43	100		
70	34.5	30.9	46.3
55	28.9	17.0	25.4#
61	26.8	22.6	34.0