Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF043019\
Data File : VF062339.D
Acq On : 30 Apr 2019 18:47
Operator : FY/SY
Sample : K2204-05RE
Misc : 5.5g/5mL/MSVOA_F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: May 01 02:55:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	312065	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.75	114	451801	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.89	117	332287	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.60	152	191679	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	145781	57.67	ug/l	-0.03
Spiked Amount 50.000			Recovery = 115.34%			
35) Dibromofluoromethane	4.29	113	163301	48.75	ug/l	-0.03
Spiked Amount 50.000			Recovery = 97.50%			
50) Toluene-d8	7.70	98	321689	39.31	ug/l	-0.03
Spiked Amount 50.000			Recovery = 78.62%			
62) 4-Bromofluorobenzene	11.48	95	151240	44.84	ug/l	-0.03
Spiked Amount 50.000			Recovery = 89.68%			
Target Compounds						Qvalue
8) Diethyl Ether	1.70	74	2226	2.613	ug/l	48
11) Tert butyl alcohol	2.69	59	932	6.095	ug/l #	1
13) Acrolein	2.07	56	613	12.385	ug/l #	1
16) Acetone	2.34	43	14770	26.097	ug/l #	88
18) Methyl Acetate	2.52	43	1510	Below Cal	#	88
20) Methylene Chloride	2.33	84	6804	Below Cal	#	80
25) 2-Butanone	4.53	43	1472	1.640	ug/l #	57
29) Tetrahydrofuran	4.27	42	1852	4.697	ug/l #	64
39) Methylcyclohexane	5.75	83	6430	1.321	ug/l #	39
41) Methacrylonitrile	4.92	41	1496	1.536	ug/l #	46
48) Methyl methacrylate	6.83	41	1424	1.108	ug/l #	17
49) 1,4-Dioxane	6.89	88	61	4.123	ug/l #	24
51) 4-Methyl-2-Pentanone	8.39	43	4497	3.255	ug/l	88
59) 2-Hexanone	9.61	43	6189	Below Cal		91
74) N-amyl acetate	11.43	43	6706	2.216	ug/l #	79
95) Naphthalene	14.49	128	12633	1.665	ug/l #	94

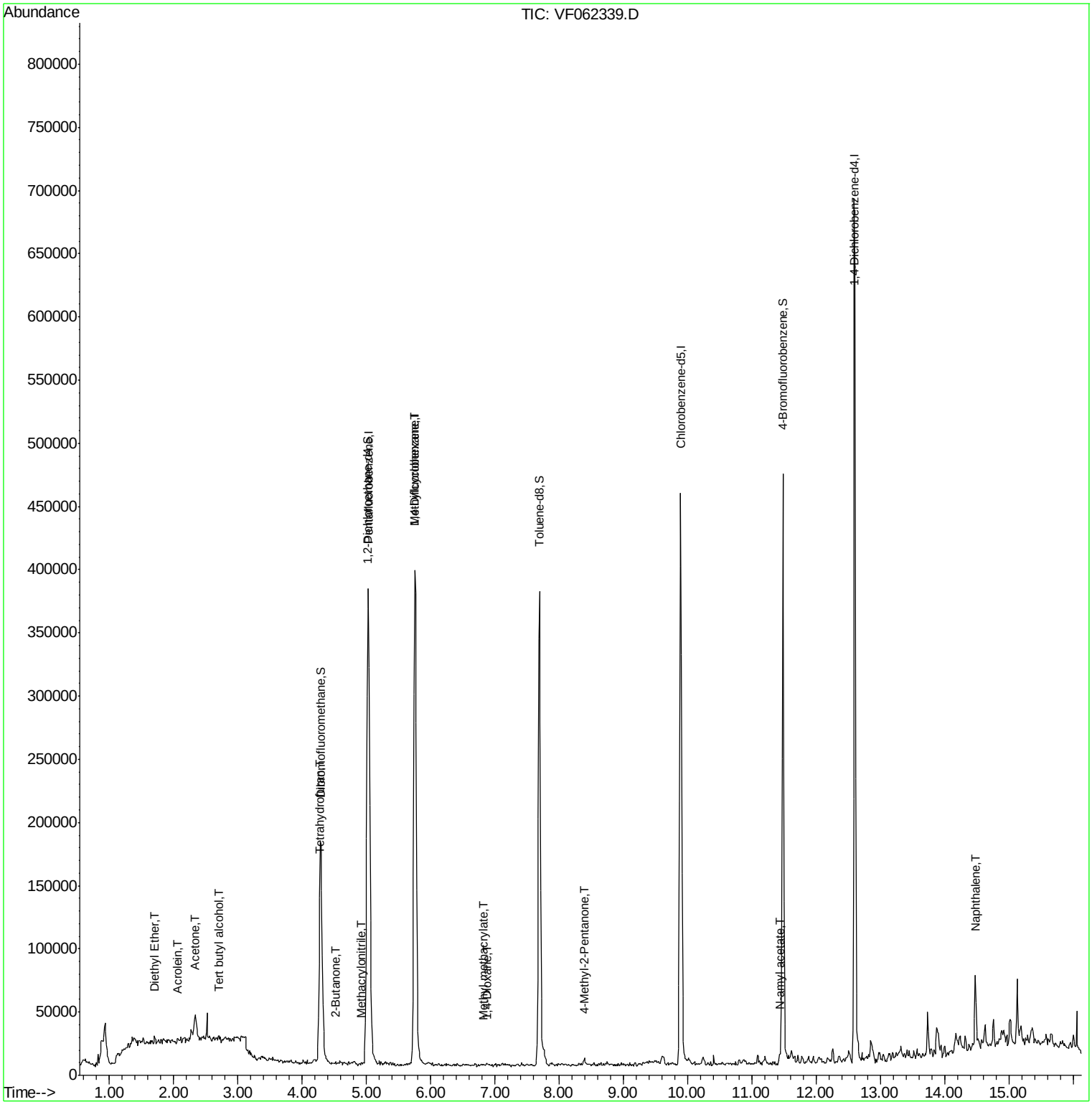
(#) = qualifier out of range (m) = manual integration (+) = signals summed

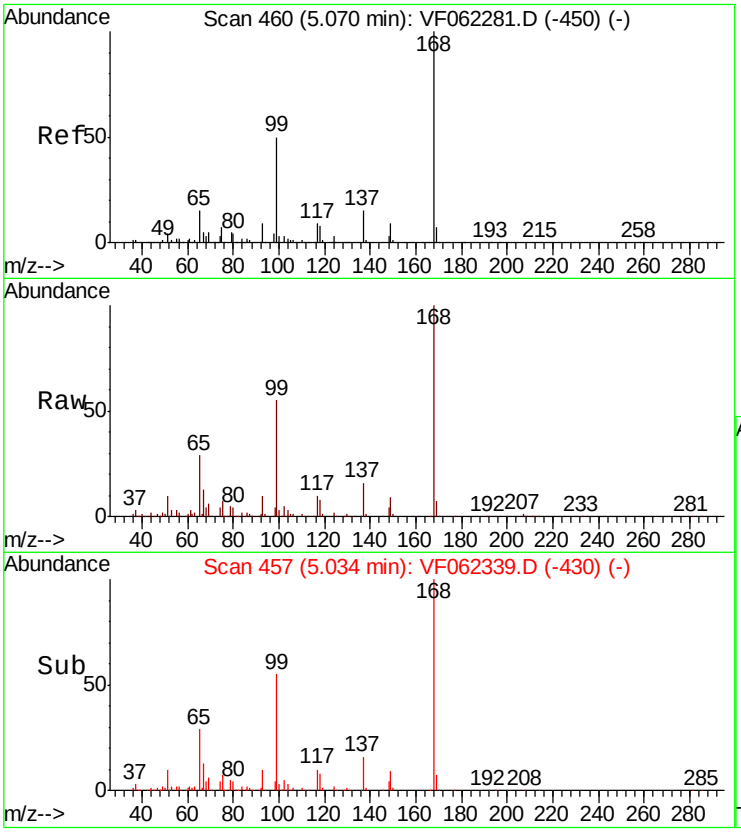
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF043019\
Data File : VF062339.D
Acq On : 30 Apr 2019 18:47
Operator : FY/SY
Sample : K2204-05RE
Misc : 5.5g/5mL/MSVOA_F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: May 01 02:55:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration



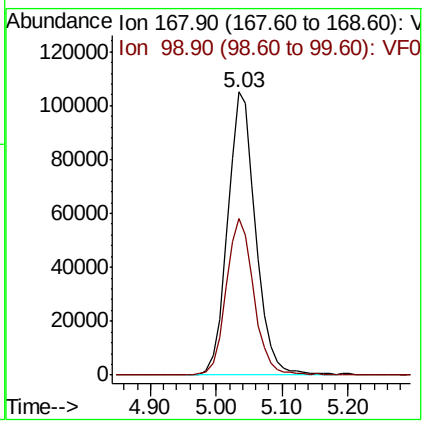


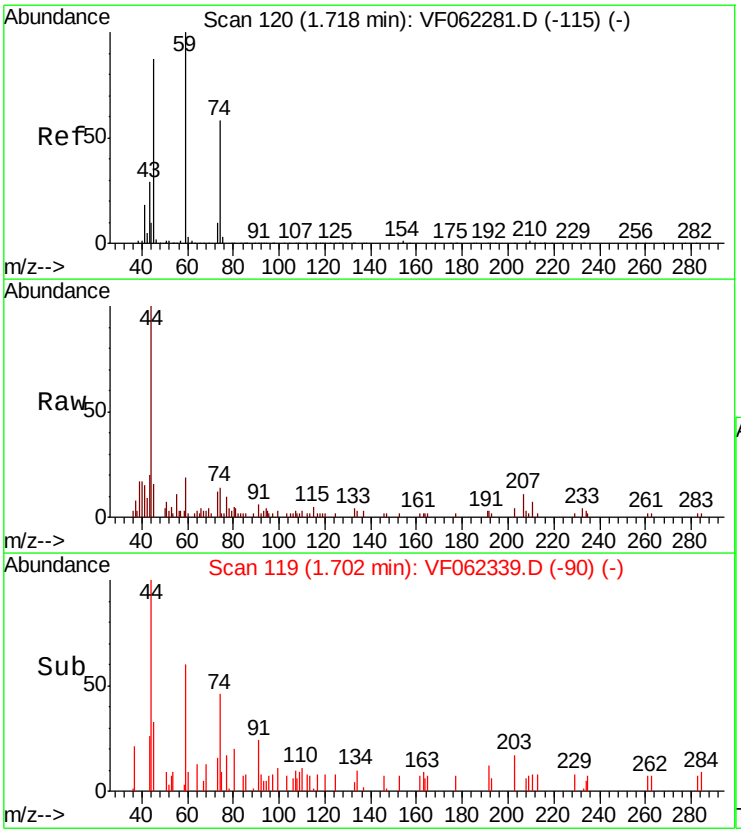
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 457
Delta R.T. -0.04 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 312065

Ion	Ratio	Lower	Upper
168	100		
99	55.4	40.0	60.0

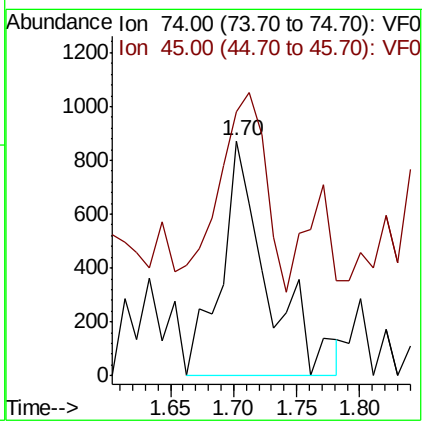


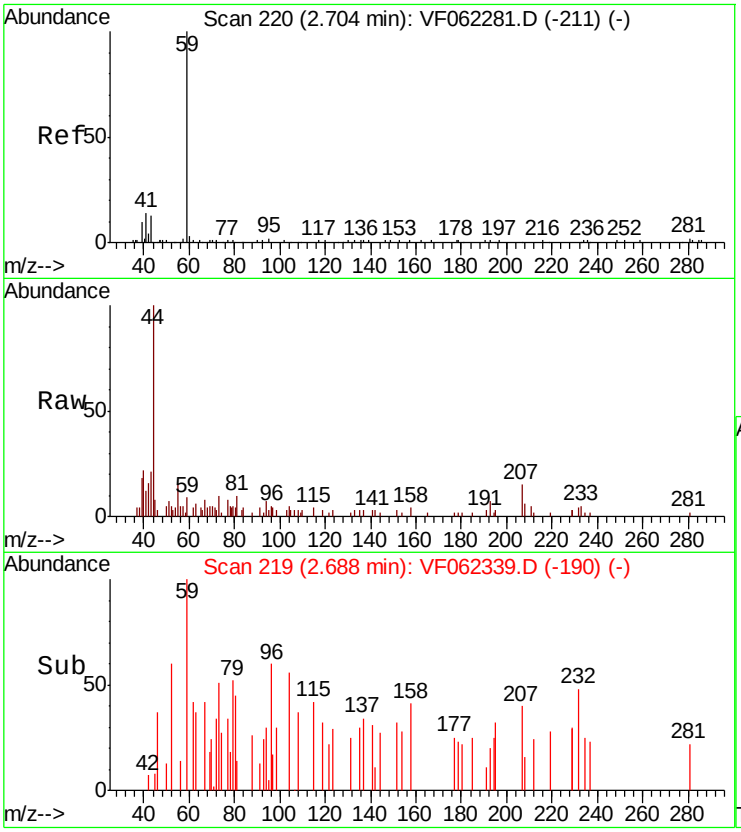


#8
Diethyl Ether
Concen: 2.613 ug/l
RT: 1.70 min Scan# 119
Delta R.T. -0.02 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Tgt Ion: 74 Resp: 2226

Ion	Ratio	Lower	Upper
74	100		
45	82.8	74.0	222.0



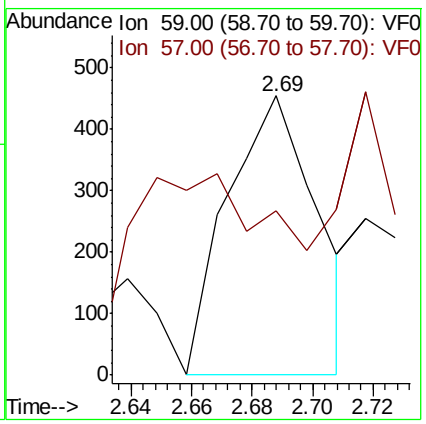


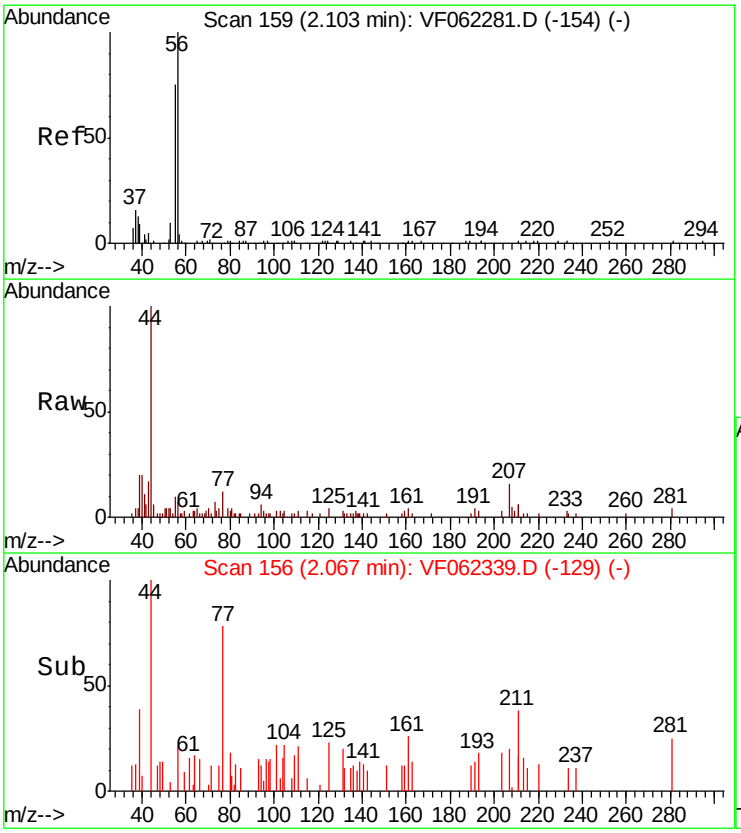
#11
Tert butyl alcohol
Concen: 6.095 ug/l
RT: 2.69 min Scan# 219
Delta R.T. -0.02 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 932

Ion	Ratio	Lower	Upper
59	100		
57	120.2	8.8	13.2#

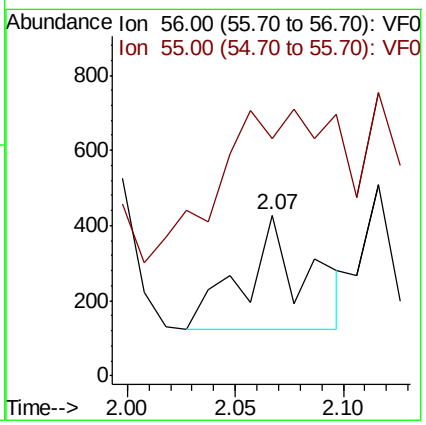


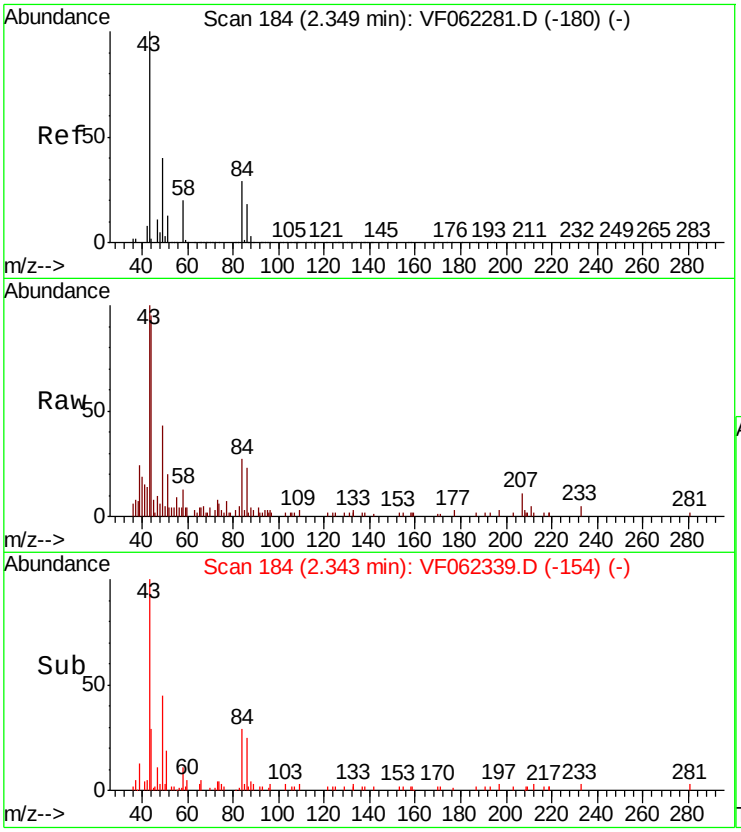


#13
Acrolein
Concen: 12.385 ug/l
RT: 2.07 min Scan# 156
Delta R.T. -0.04 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Tgt Ion: 56 Resp: 613

Ion	Ratio	Lower	Upper
56	100		
55	256.9	62.3	93.5#



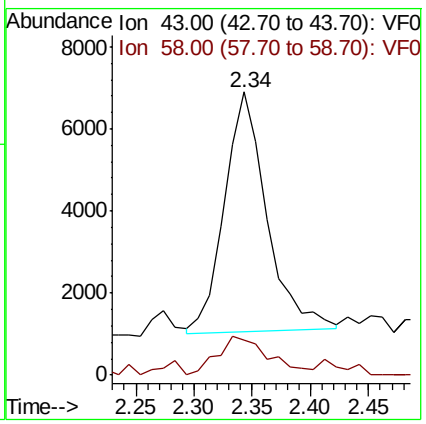


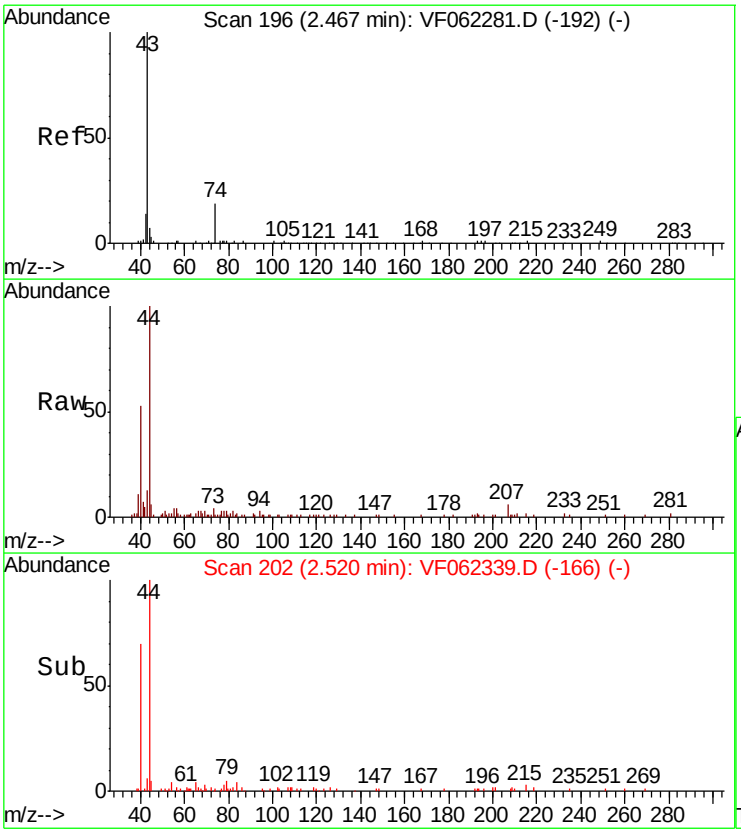
#16
Acetone
Concen: 26.097 ug/l
RT: 2.34 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 14770

Ion	Ratio	Lower	Upper
43	100		
58	15.0	16.4	24.6#

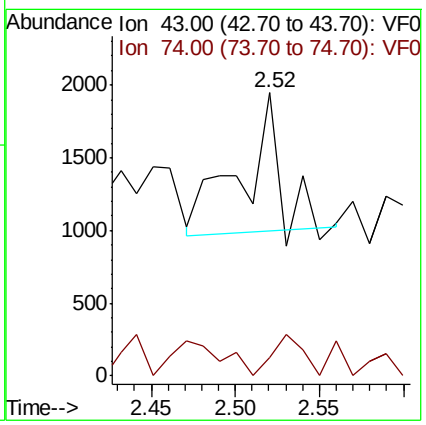


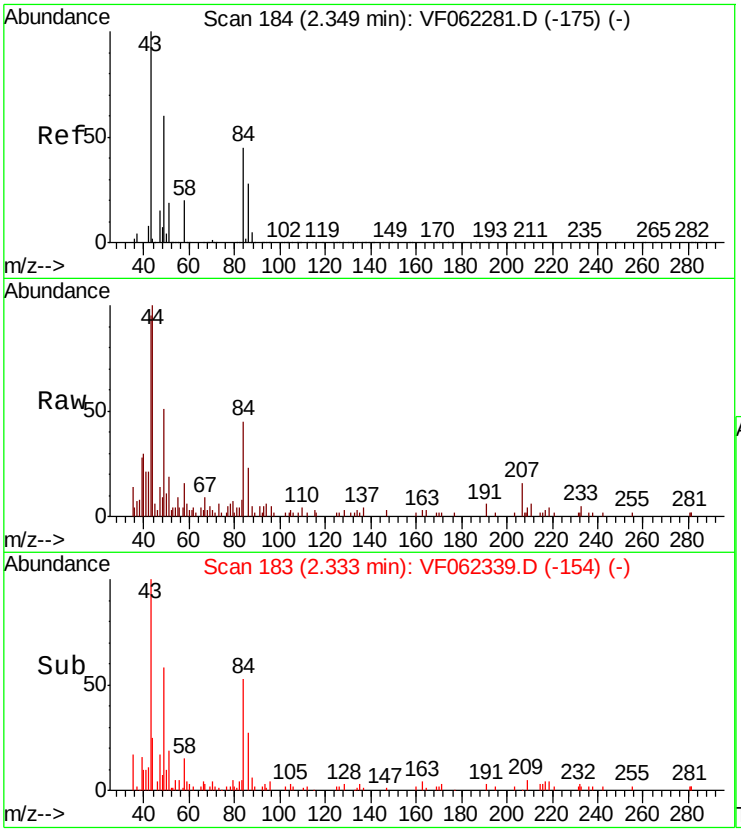


#18
Methyl Acetate
Concen: Below Cal
RT: 2.52 min Scan# 202
Delta R.T. 0.05 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Tgt Ion: 43 Resp: 1510

Ion	Ratio	Lower	Upper
43	100		
74	23.2	14.4	21.6#



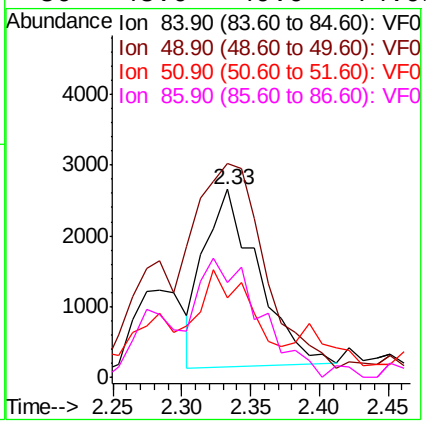


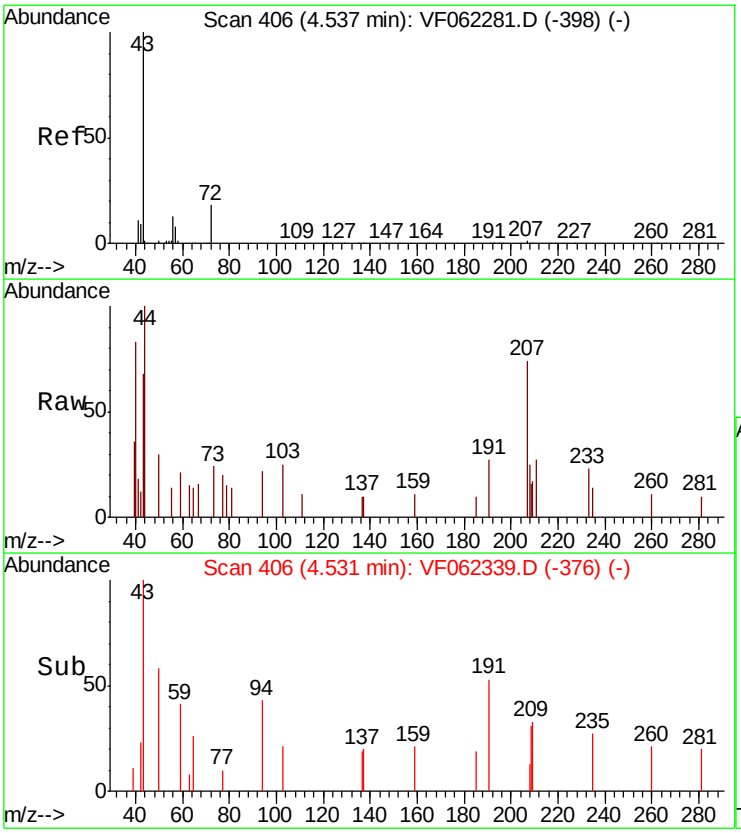
#20
Methylene Chloride
Concen: Below Cal
RT: 2.33 min Scan# 183
Delta R.T. -0.02 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 6804

Ion	Ratio	Lower	Upper
84	100		
49	117.5	112.1	168.1
51	28.4	35.9	53.9#
86	48.0	49.9	74.9#

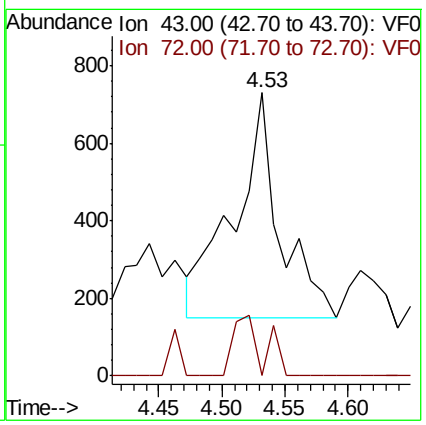


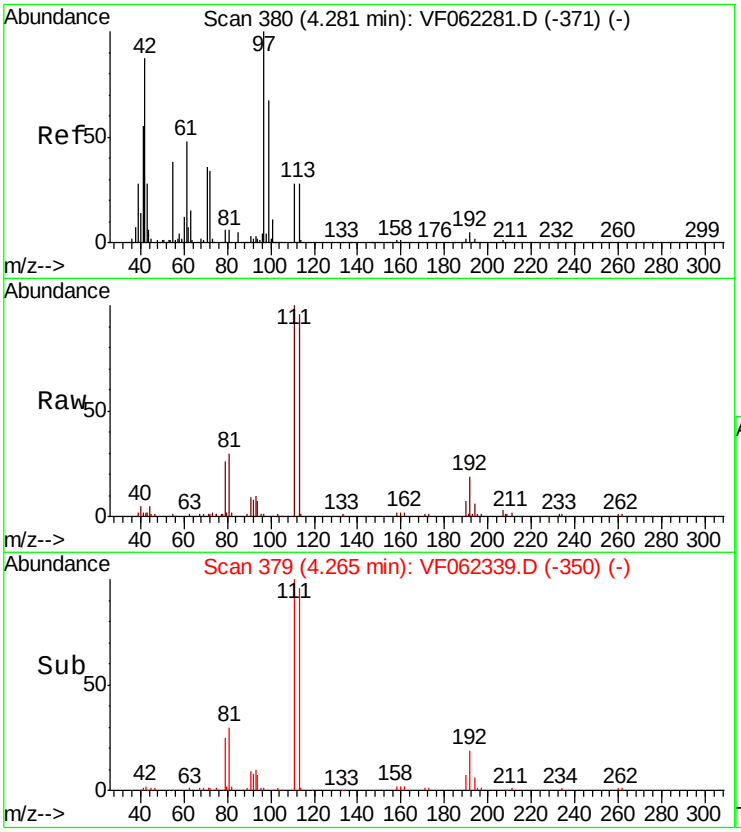


#25
2-Butanone
Concen: 1.640 ug/l
RT: 4.53 min Scan# 406
Delta R.T. -0.01 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Tgt Ion: 43 Resp: 1472

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.8	23.6#



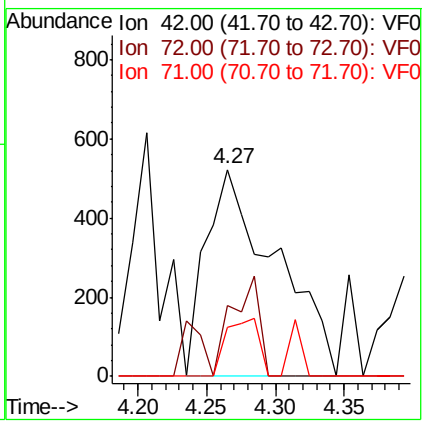


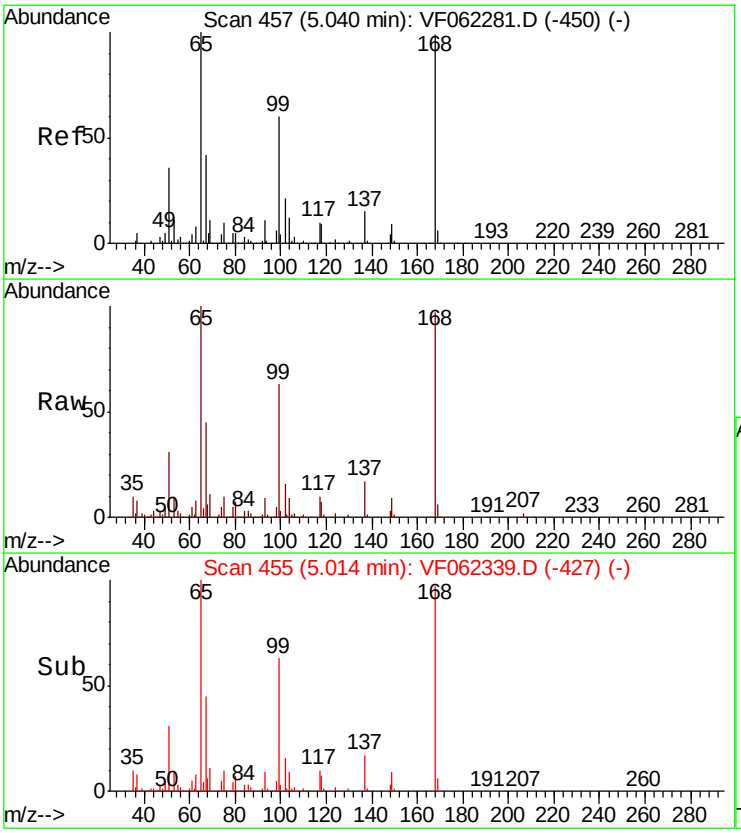
#29
Tetrahydrofuran
Concen: 4.697 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.02 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 1852

Ion	Ratio	Lower	Upper
42	100		
72	19.1	29.3	43.9#
71	13.0	31.2	46.8#

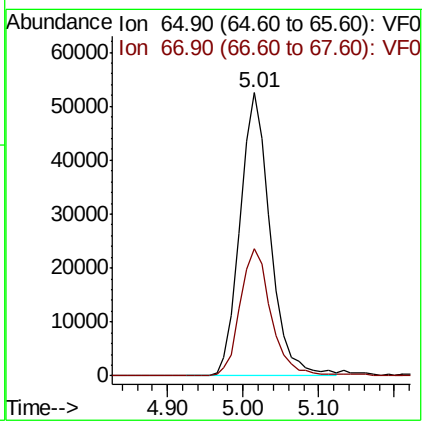


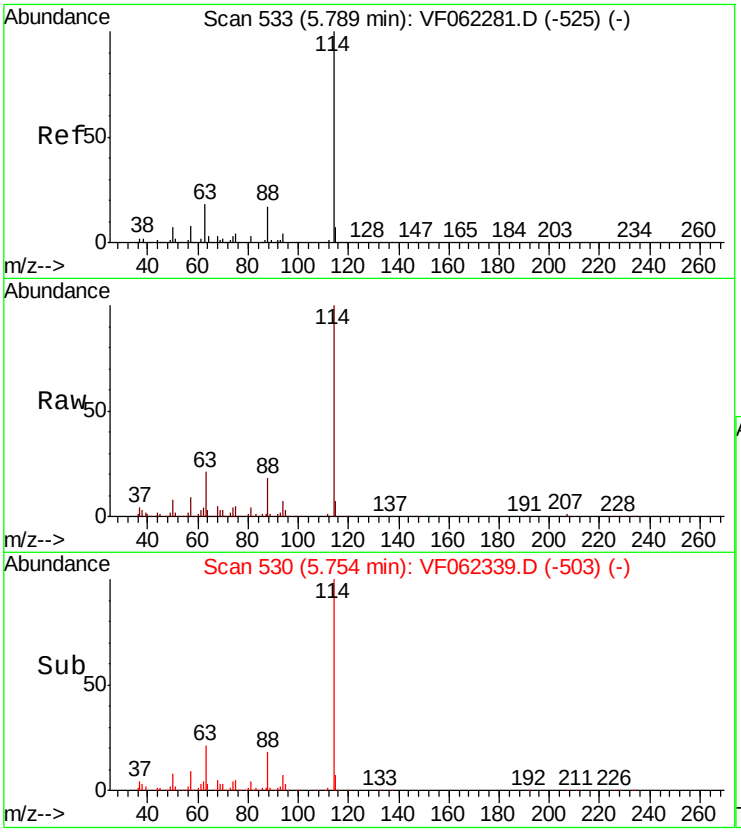


#33
1,2-Dichloroethane-d4
Concen: 57.672 ug/l
RT: 5.01 min Scan# 455
Delta R.T. -0.03 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Tgt Ion: 65 Resp: 145781

Ion	Ratio	Lower	Upper
65	100		
67	46.4	0.0	98.8



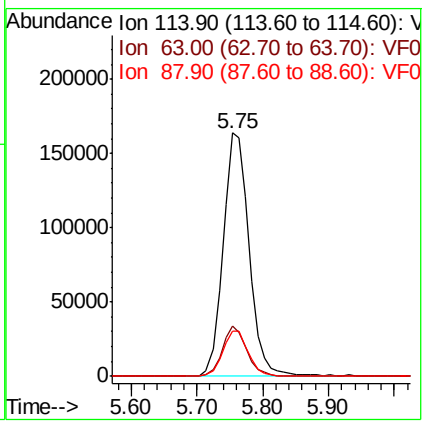


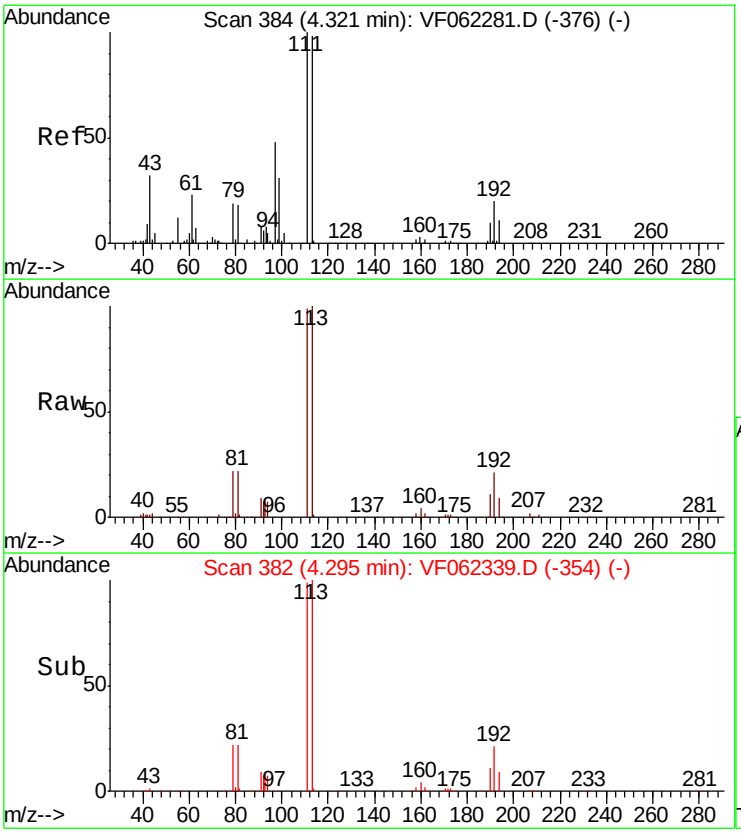
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 530
Delta R.T. -0.04 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 451801

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	35.6
88	18.4	0.0	34.6

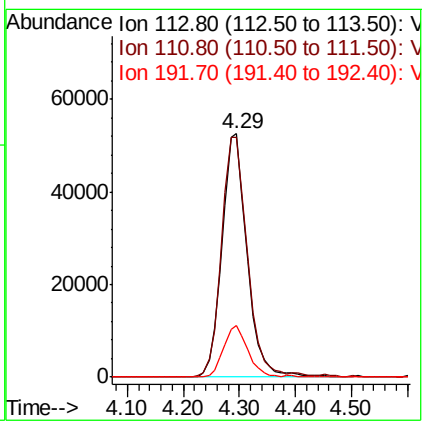


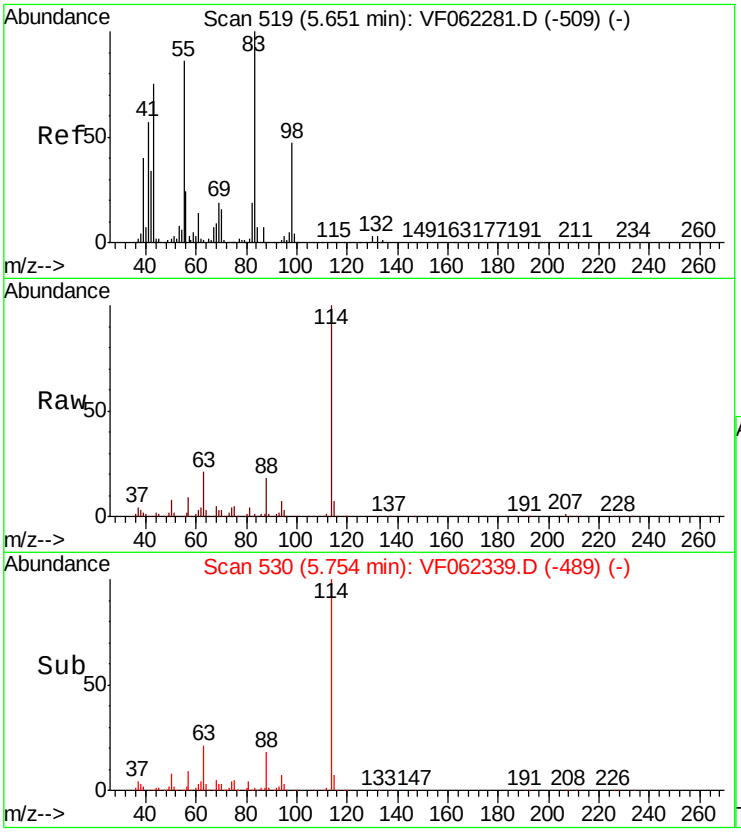


#35
Dibromofluoromethane
Concen: 48.748 ug/l
RT: 4.29 min Scan# 382
Delta R.T. -0.03 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Tgt Ion:113 Resp: 163301

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.2
192	20.8	17.0	25.4



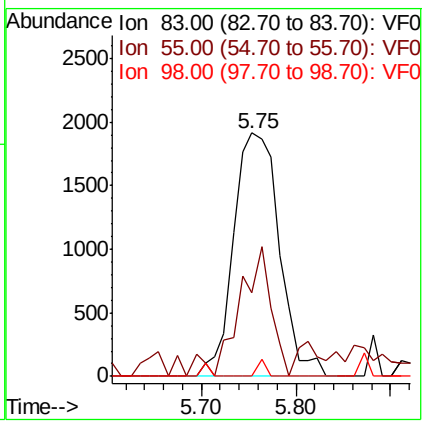


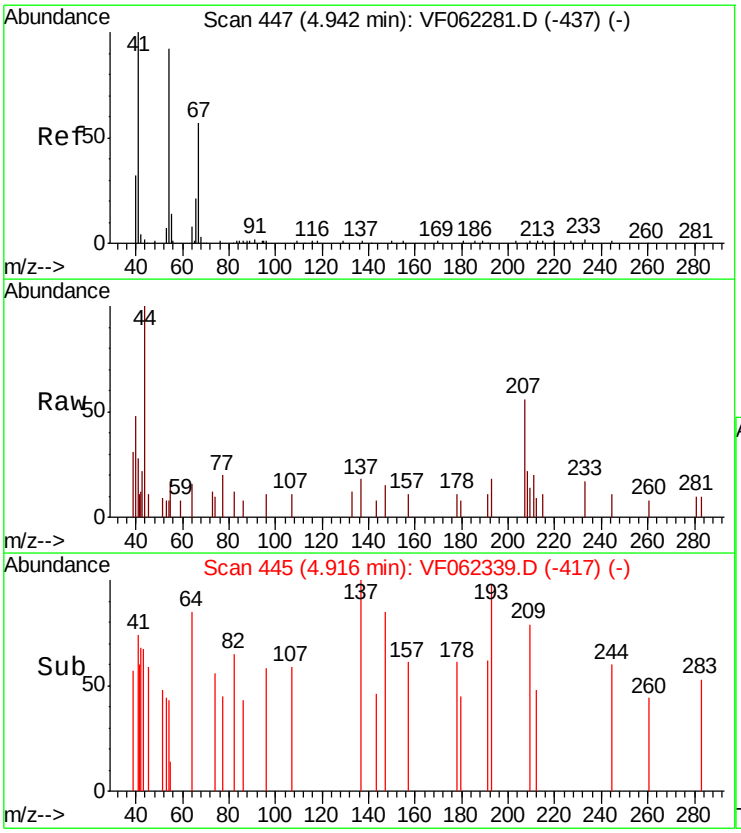
#39
Methylcyclohexane
Concen: 1.321 ug/l
RT: 5.75 min Scan# 530
Delta R.T. 0.10 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 6430

Ion	Ratio	Lower	Upper
83	100		
55	34.4	68.7	103.1#
98	0.0	37.4	56.2#

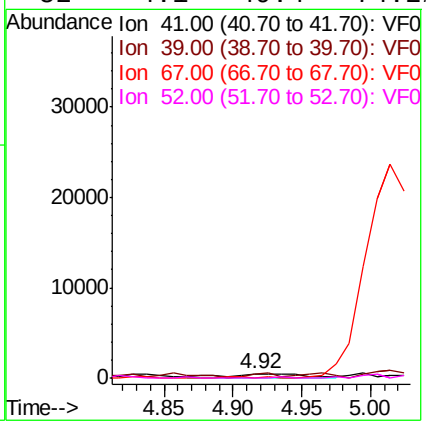


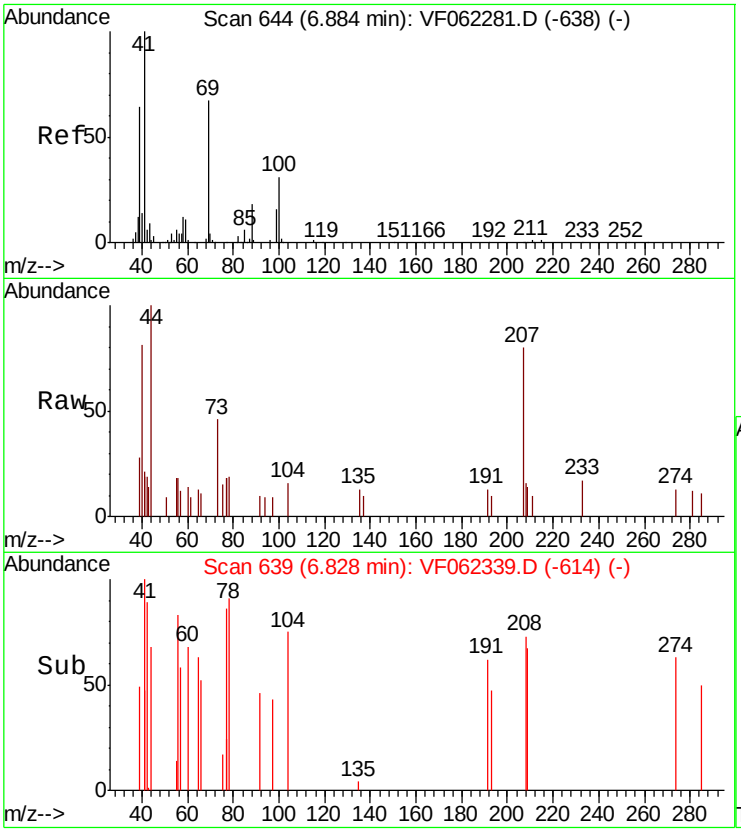


#41
Methacrylonitrile
Concen: 1.536 ug/l
RT: 4.92 min Scan# 445
Delta R.T. -0.03 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Tgt Ion: 41 Resp: 1496

Ion	Ratio	Lower	Upper
41	100		
39	48.8	47.3	70.9
67	0.0	41.3	61.9#
52	4.1	49.4	74.2#



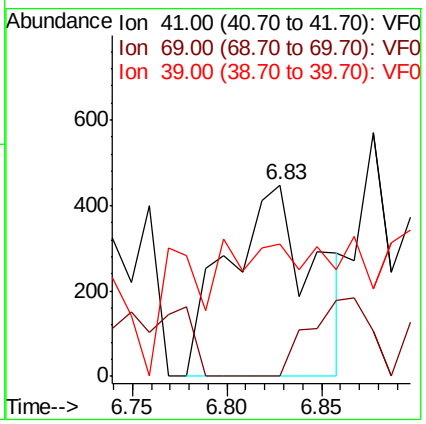


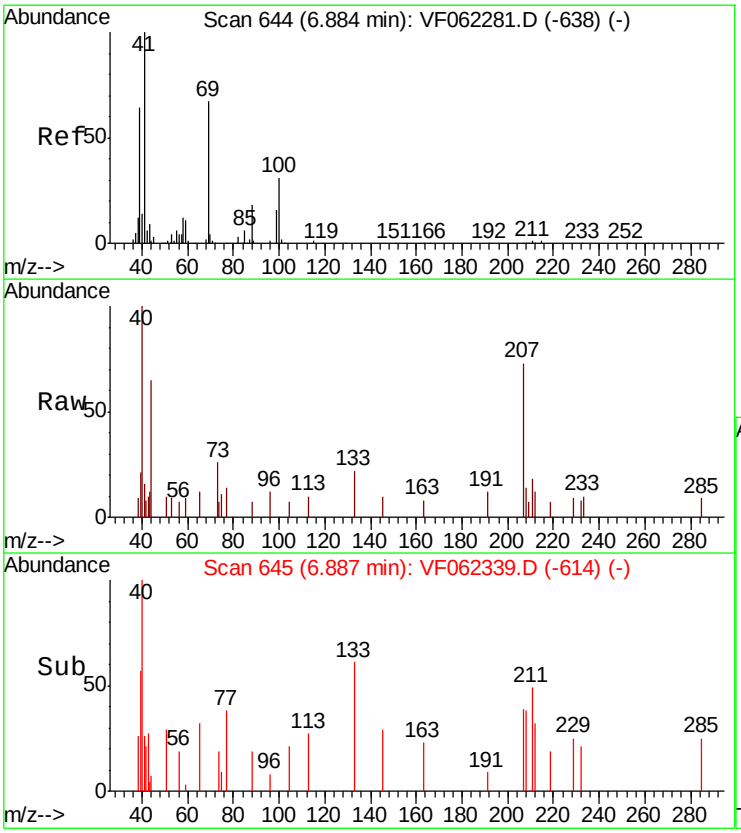
#48
Methyl methacrylate
Concen: 1.108 ug/l
RT: 6.83 min Scan# 639
Delta R.T. -0.06 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 1424

Ion	Ratio	Lower	Upper
41	100		
69	0.0	53.4	80.2#
39	0.0	50.9	76.3#

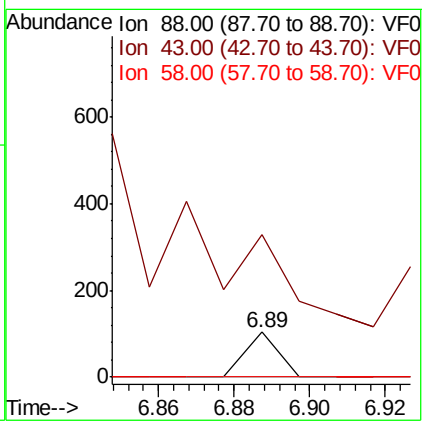


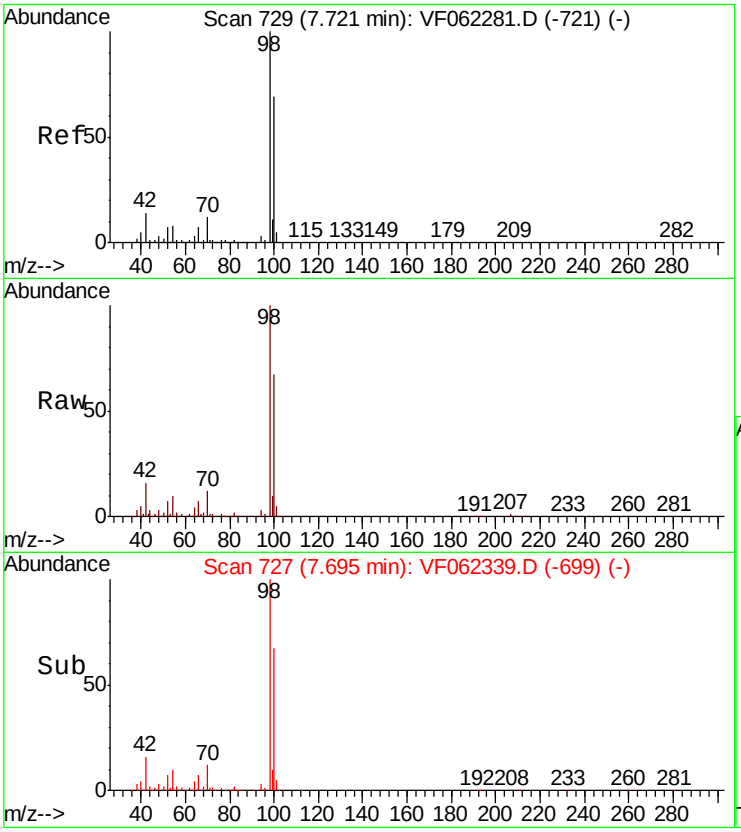


#49
1,4-Dioxane
Concen: 4.123 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.00 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Tgt Ion: 88 Resp: 61

Ion	Ratio	Lower	Upper
88	100		
43	0.0	34.2	51.4#
58	0.0	50.7	76.1#



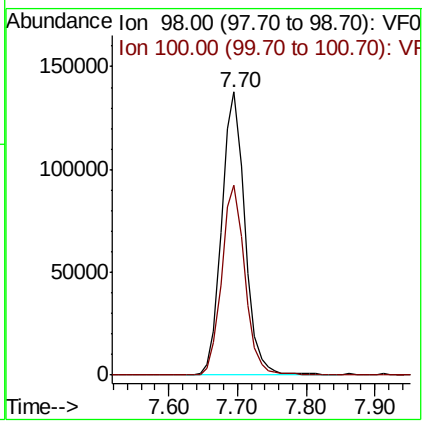


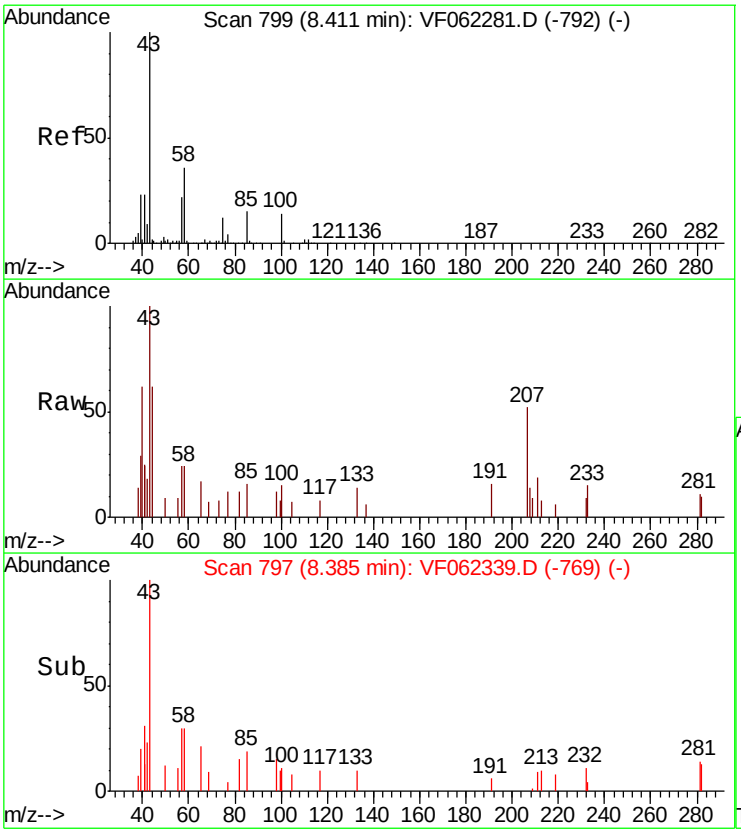
#50
Toluene-d8
Concen: 39.314 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.03 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 321689

Ion	Ratio	Lower	Upper
98	100		
100	67.0	54.4	81.6

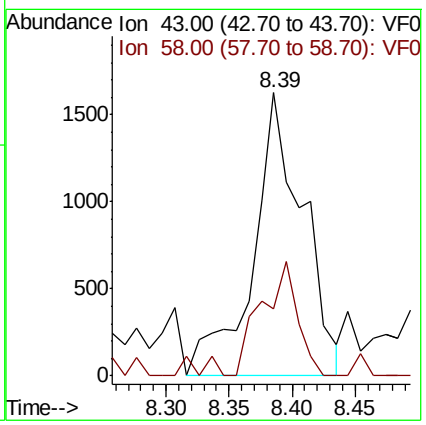


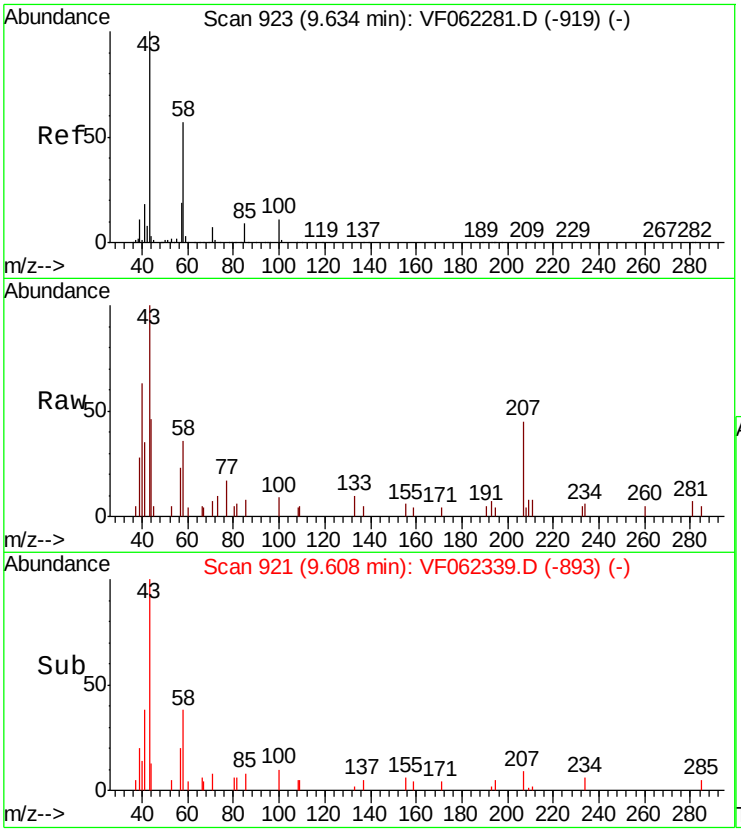


#51
4-Methyl-2-Pentanone
Concen: 3.255 ug/l
RT: 8.39 min Scan# 797
Delta R.T. -0.03 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Tgt Ion: 43 Resp: 4497

Ion	Ratio	Lower	Upper
43	100		
58	29.2	29.1	43.7



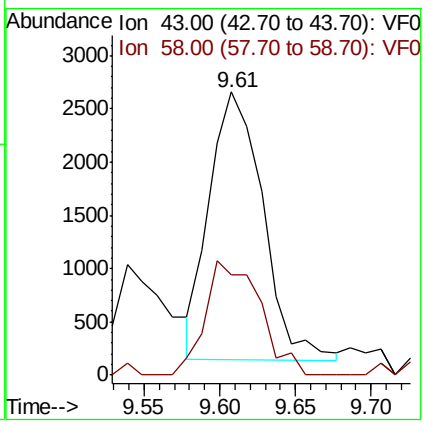


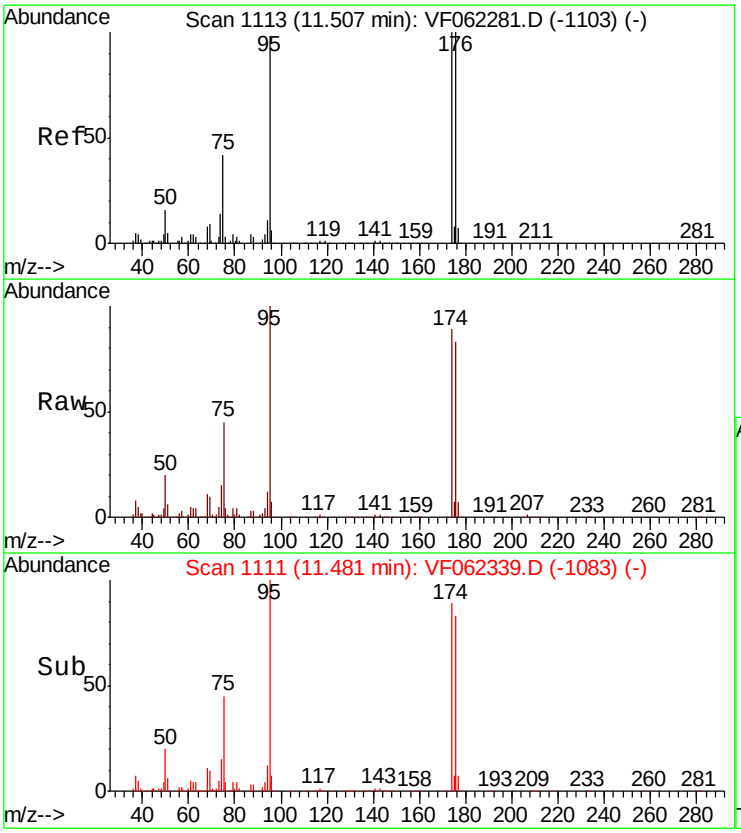
#59
2-Hexanone
Concen: Below Cal
RT: 9.61 min Scan# 921
Delta R.T. -0.03 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 6189

Ion	Ratio	Lower	Upper
43	100		
58	43.7	24.9	74.7

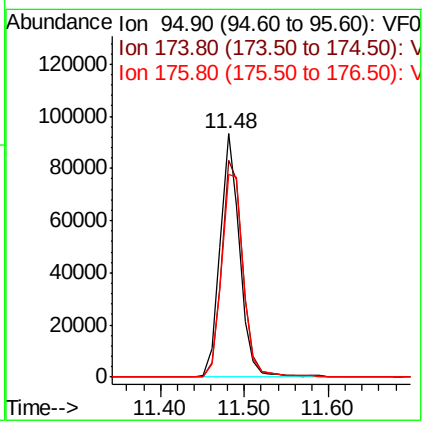


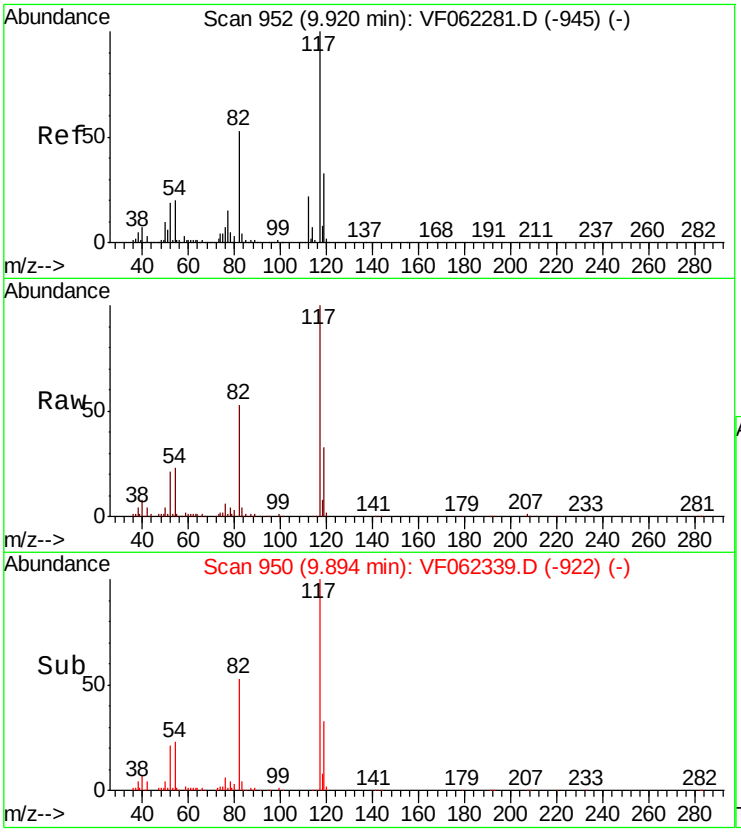


#62
4-Bromofluorobenzene
Concen: 44.843 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.03 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Tgt Ion: 95 Resp: 151240

Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	185.2
176	93.2	0.0	184.8



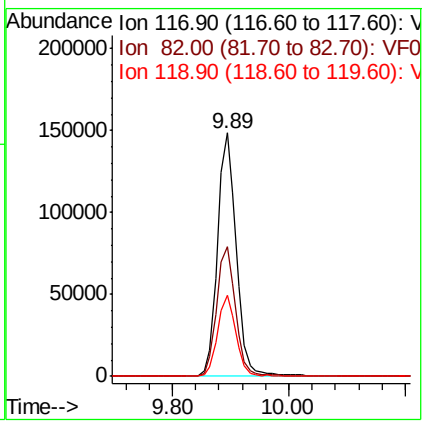


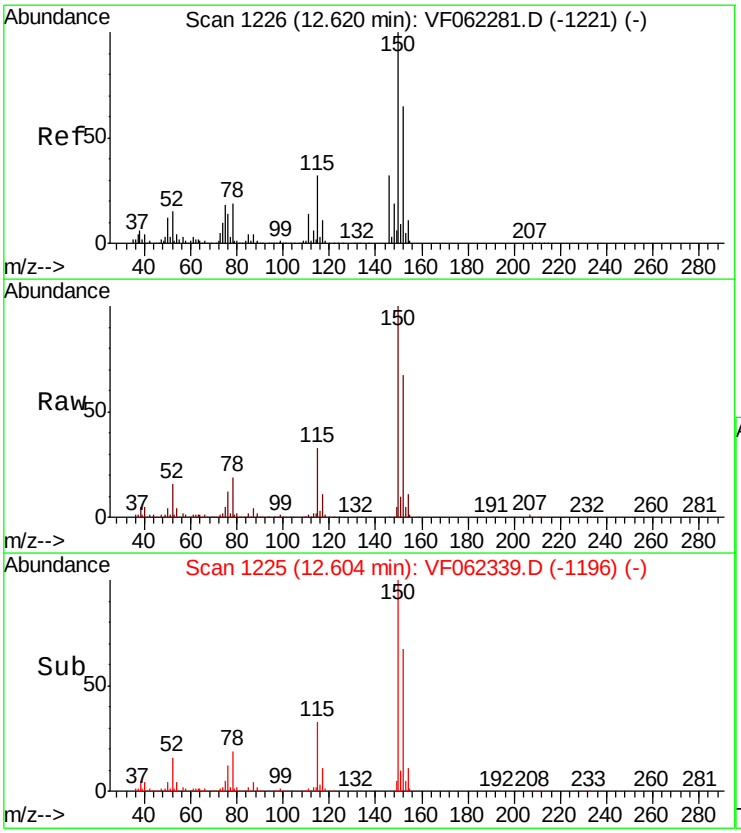
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.03 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 332287

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.6	64.0
119	33.2	26.1	39.1

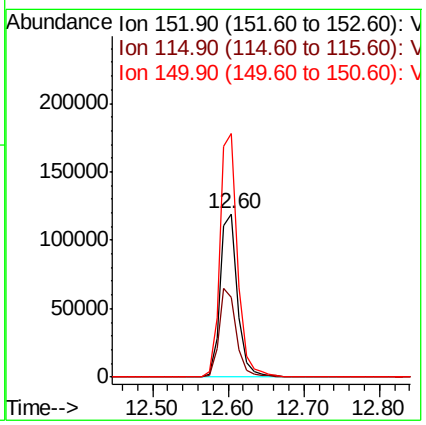


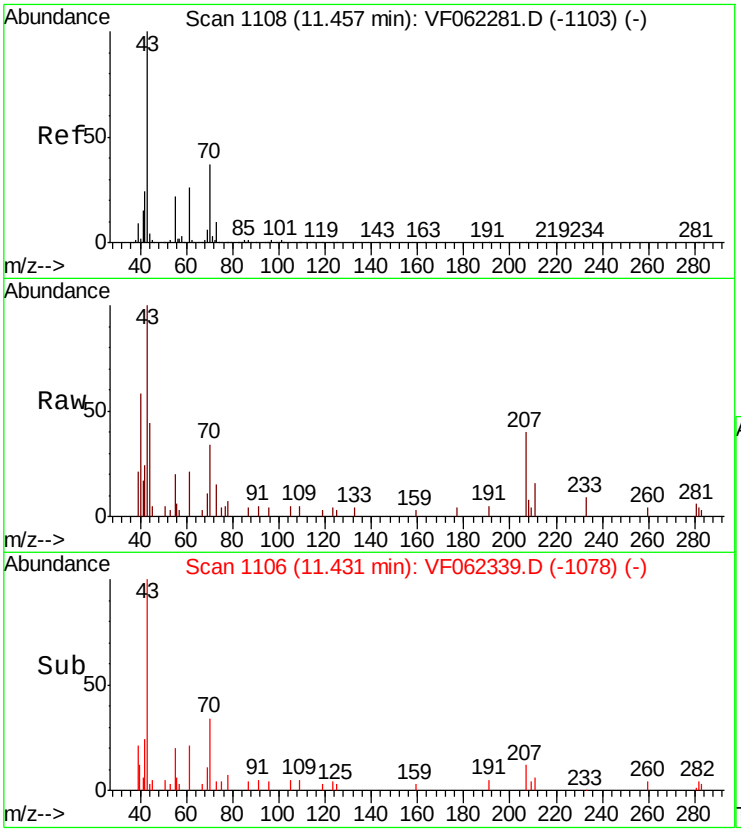


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Tgt Ion:152 Resp: 191679

Ion	Ratio	Lower	Upper
152	100		
115	54.0	25.6	76.8
150	151.0	0.0	330.6



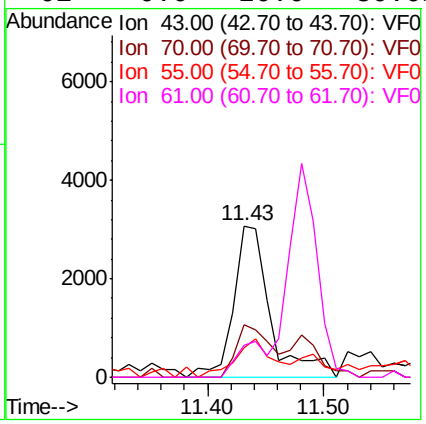


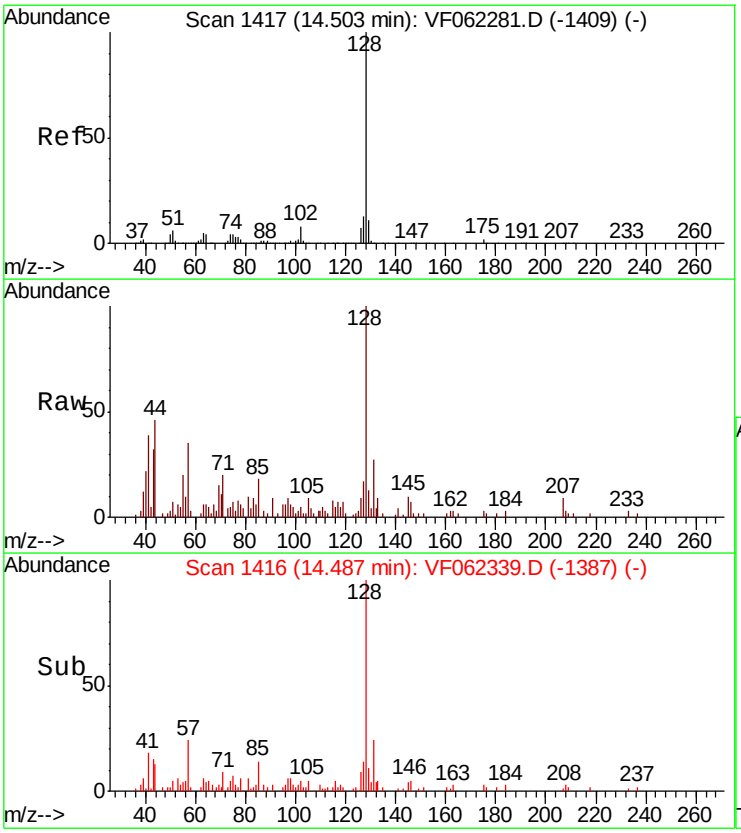
#74
N-amyl acetate
Concen: 2.216 ug/l
RT: 11.43 min Scan# 1106
Delta R.T. -0.03 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 6706

Ion	Ratio	Lower	Upper
43	100		
70	31.8	27.8	41.8
55	25.9	16.6	24.8#
61	0.0	20.0	30.0#





#95
Naphthalene
Concen: 1.665 ug/l
RT: 14.49 min Scan# 1416
Delta R.T. -0.02 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Tgt Ion:128 Resp: 12633

Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.2	15.4
129	13.7	8.9	13.3#