Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF042919\
Data File : VF062319.D
Acq On : 29 Apr 2019 18:15
Operator : FY/SY
Sample : K2199-17RE
Misc : 6.26g/5mL/MSVOA_F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Apr 30 03:49:19 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	5.04	168	287474	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.75	114	396609	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.89	117	311631	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.60	152	163614	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	148984	63.98	ug/l	-0.02
Spiked Amount 50.000			Recovery = 127.96%			
35) Dibromofluoromethane	4.29	113	176978	60.18	ug/l	-0.03
Spiked Amount 50.000			Recovery = 120.36%			
50) Toluene-d8	7.69	98	373424	51.99	ug/l	-0.03
Spiked Amount 50.000			Recovery = 103.98%			
62) 4-Bromofluorobenzene	11.48	95	157578	53.22	ug/l	-0.02
Spiked Amount 50.000			Recovery = 106.44%			
Target Compounds						Qvalue
8) Diethyl Ether	1.70	74	1343	1.712	ug/l	71
11) Tert butyl alcohol	2.67	59	308	2.187	ug/l #	1
13) Acrolein	2.08	56	447	11.523	ug/l #	10
15) Acrylonitrile	3.06	53	399	1.023	ug/l #	1
16) Acetone	2.34	43	28779	55.200	ug/l #	89
18) Methyl Acetate	2.44	43	6955	4.447	ug/l	98
20) Methylene Chloride	2.33	84	15318	1.794	ug/l #	86
25) 2-Butanone	4.50	43	1932	2.337	ug/l #	57
29) Tetrahydrofuran	4.28	42	1841	5.068	ug/l #	44
39) Methylcyclohexane	5.76	83	5714	1.338	ug/l #	40
43) Isopropyl Acetate	7.10	43	3374	1.936	ug/l #	86
49) 1,4-Dioxane	6.88	88	182	14.015	ug/l #	55
51) 4-Methyl-2-Pentanone	8.40	43	7835	6.460	ug/l	94
56) Ethyl methacrylate	8.74	69	3112	1.955	ug/l #	83
59) 2-Hexanone	9.61	43	12342	2.627	ug/l	91
74) N-amyl acetate	11.44	43	10986	4.253	ug/l #	74
81) trans-1,4-Dichloro-2-buten	11.94	75	593	1.050	ug/l #	46
95) Naphthalene	14.48	128	14683	2.267	ug/l #	97

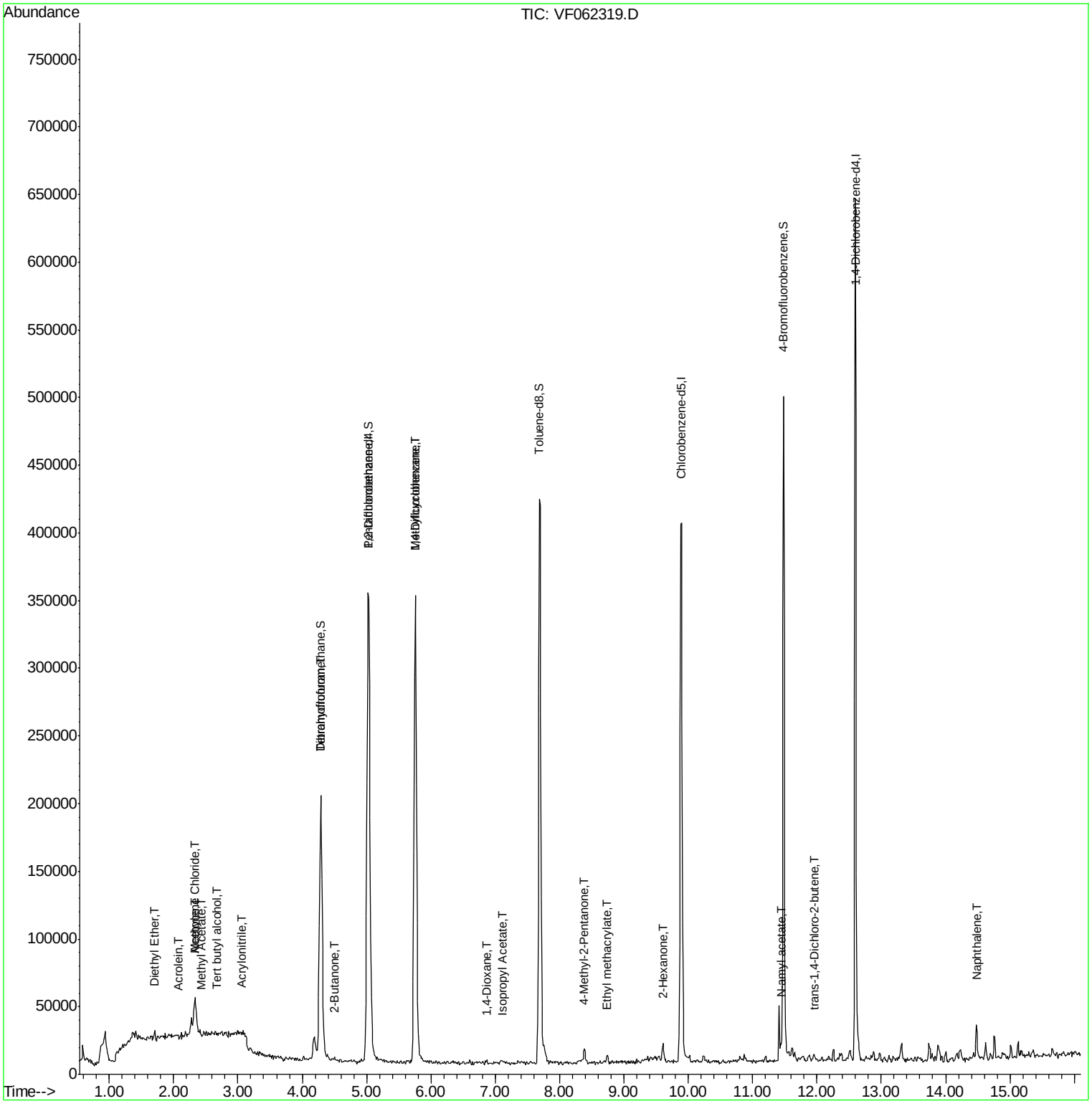
(#) = qualifier out of range (m) = manual integration (+) = signals summed

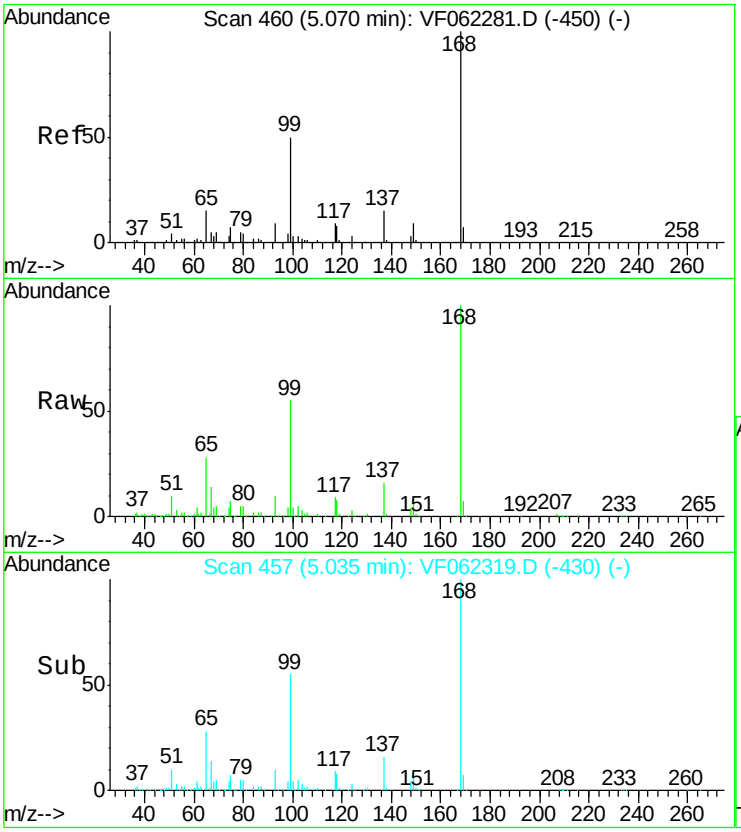
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042919\
Data File : VF062319.D
Acq On : 29 Apr 2019 18:15
Operator : FY/SY
Sample : K2199-17RE
Misc : 6.26g/5mL/MSVOA F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Apr 30 03:49:19 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



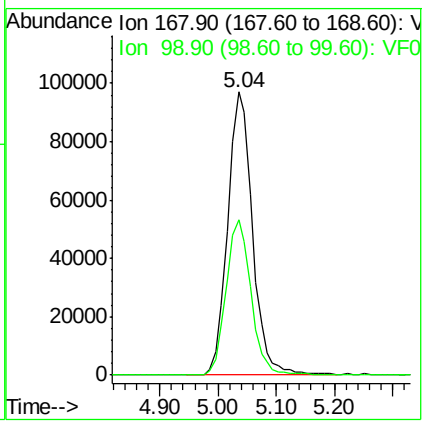


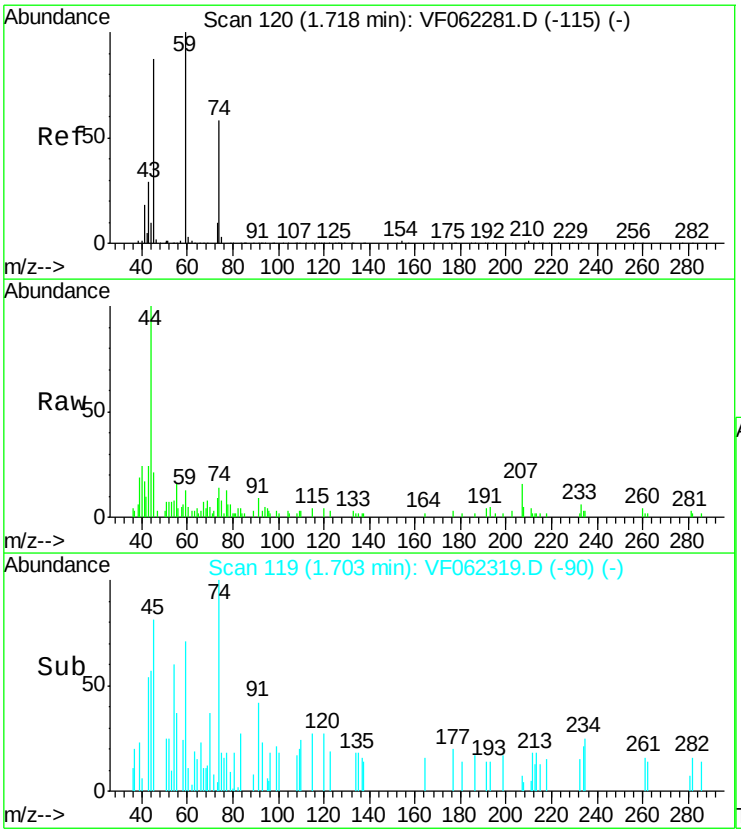
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 457
Delta R.T. -0.03 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 287474

Ion	Ratio	Lower	Upper
168	100		
99	55.0	40.0	60.0

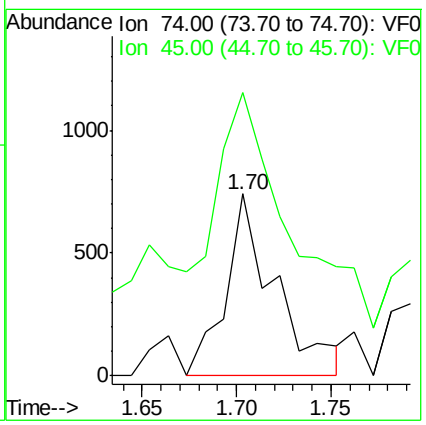


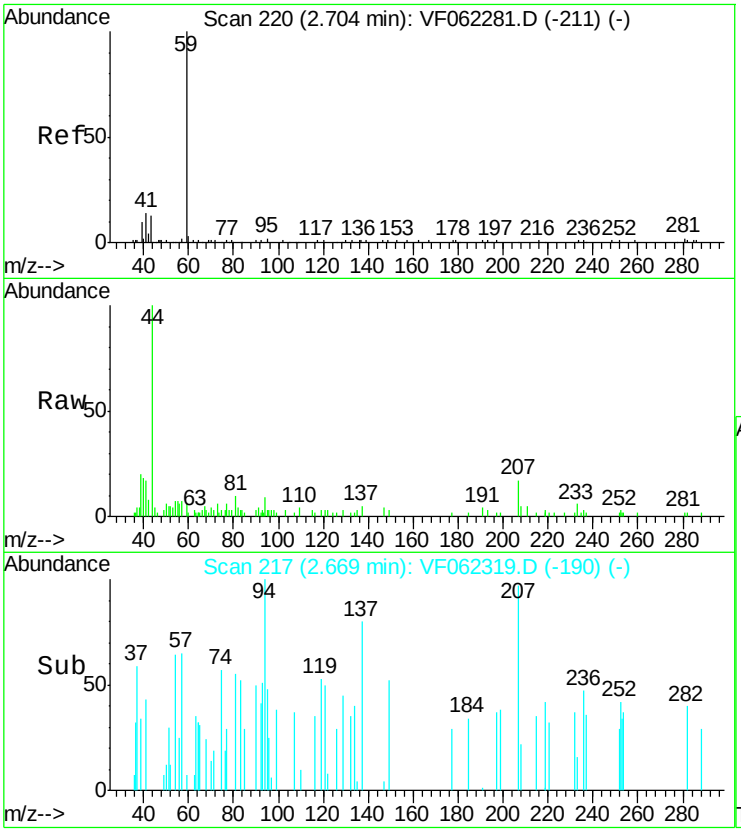


#8
Diethyl Ether
Concen: 1.712 ug/l
RT: 1.70 min Scan# 119
Delta R.T. -0.02 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Tgt Ion: 74 Resp: 1343

Ion	Ratio	Lower	Upper
74	100		
45	185.0	74.0	222.0



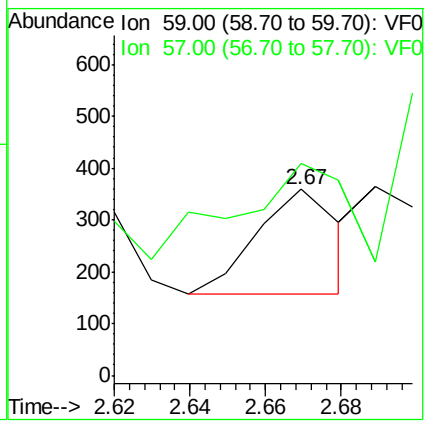


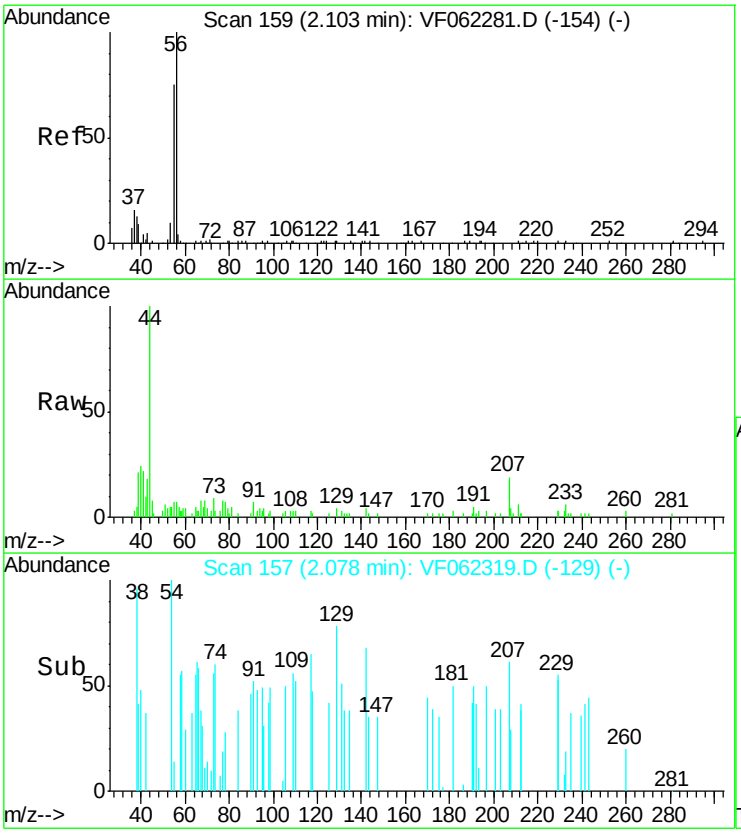
#11
Tert butyl alcohol
Concen: 2.187 ug/l
RT: 2.67 min Scan# 217
Delta R.T. -0.03 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 308

Ion	Ratio	Lower	Upper
59	100		
57	245.5	8.8	13.2#

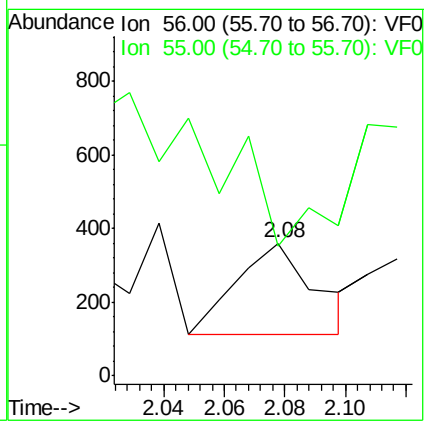


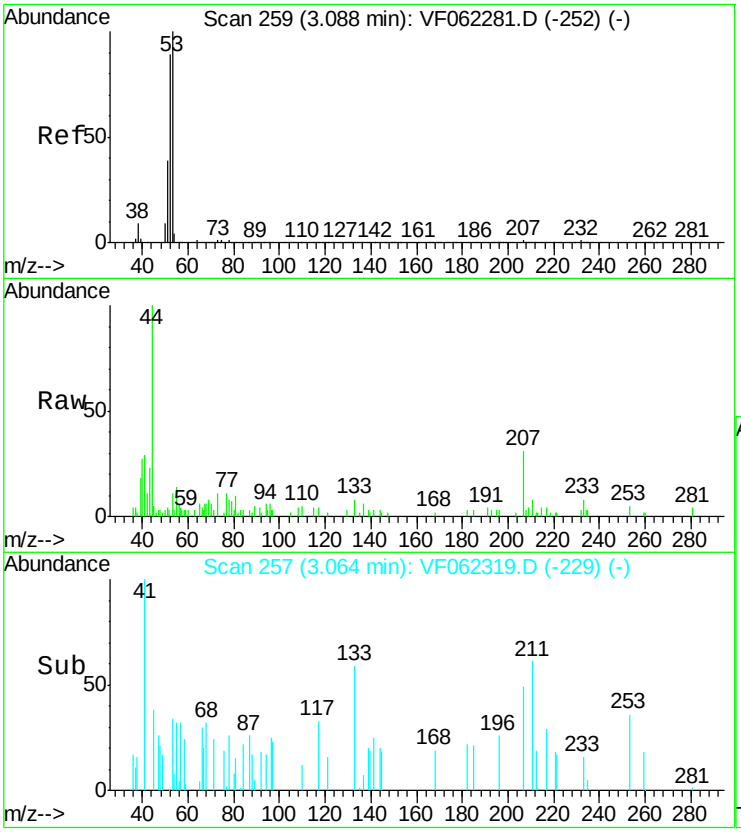


#13
Acrolein
Concen: 11.523 ug/l
RT: 2.08 min Scan# 157
Delta R.T. -0.02 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Tgt Ion: 56 Resp: 447

Ion	Ratio	Lower	Upper
56	100		
55	0.0	62.3	93.5#



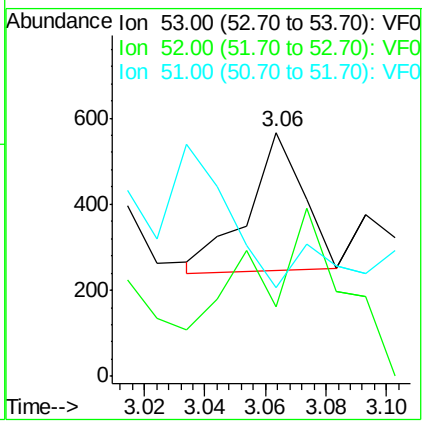


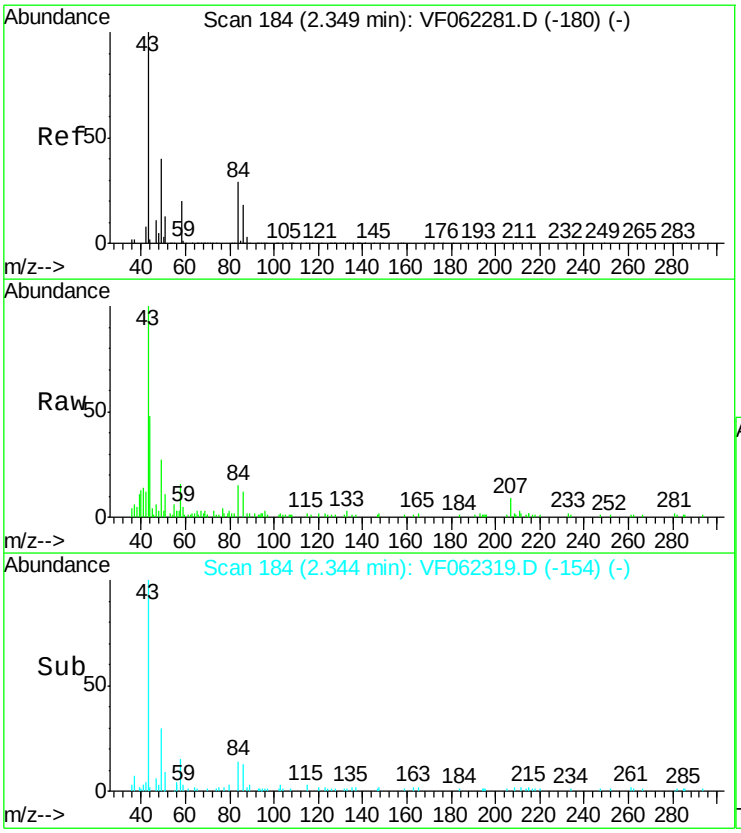
#15
Acrylonitrile
Concen: 1.023 ug/l
RT: 3.06 min Scan# 257
Delta R.T. -0.02 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 399

Ion	Ratio	Lower	Upper
53	100		
52	208.3	70.6	105.8#
51	0.0	32.6	48.8#

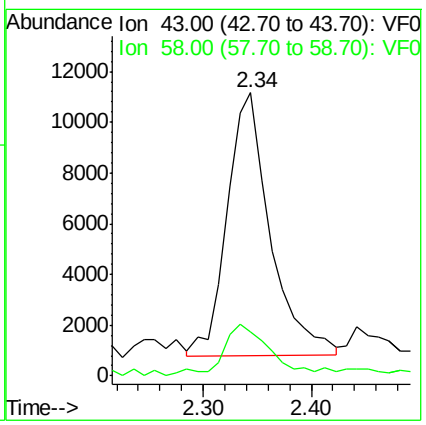


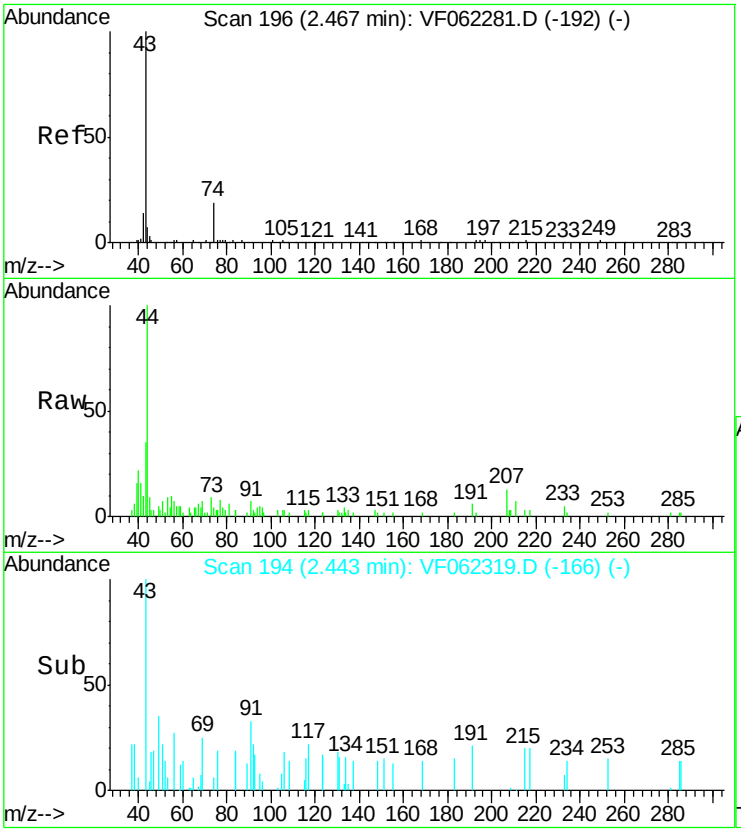


#16
Acetone
Concen: 55.200 ug/l
RT: 2.34 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Tgt Ion: 43 Resp: 28779

Ion	Ratio	Lower	Upper
43	100		
58	15.4	16.4	24.6#



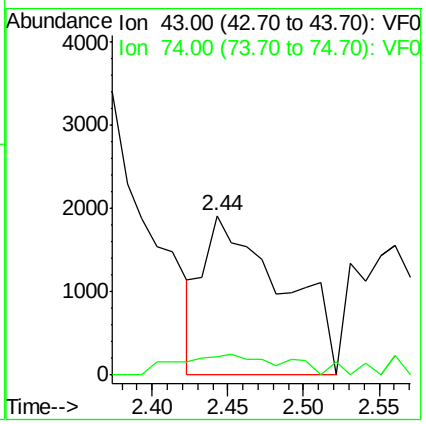


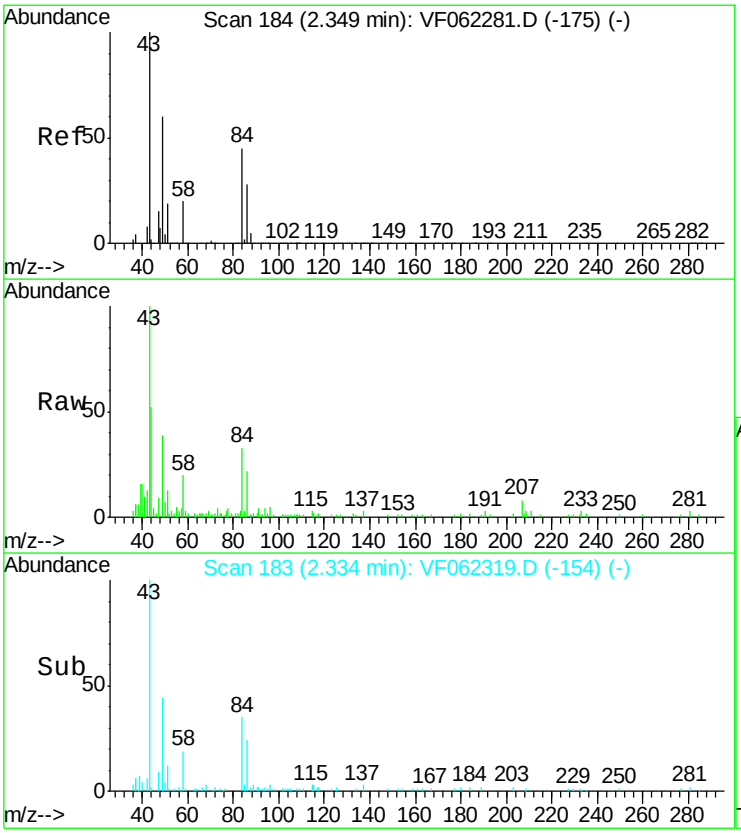
#18
Methyl Acetate
Concen: 4.447 ug/l
RT: 2.44 min Scan# 194
Delta R.T. -0.02 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 6955

Ion	Ratio	Lower	Upper
43	100		
74	17.1	14.4	21.6

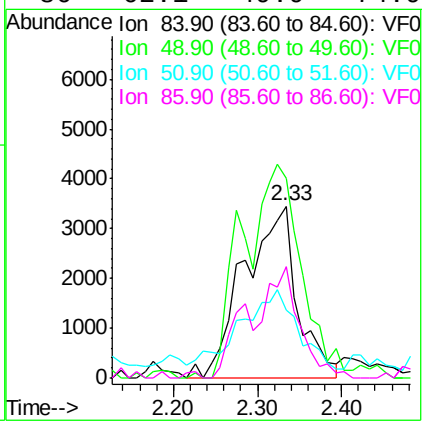


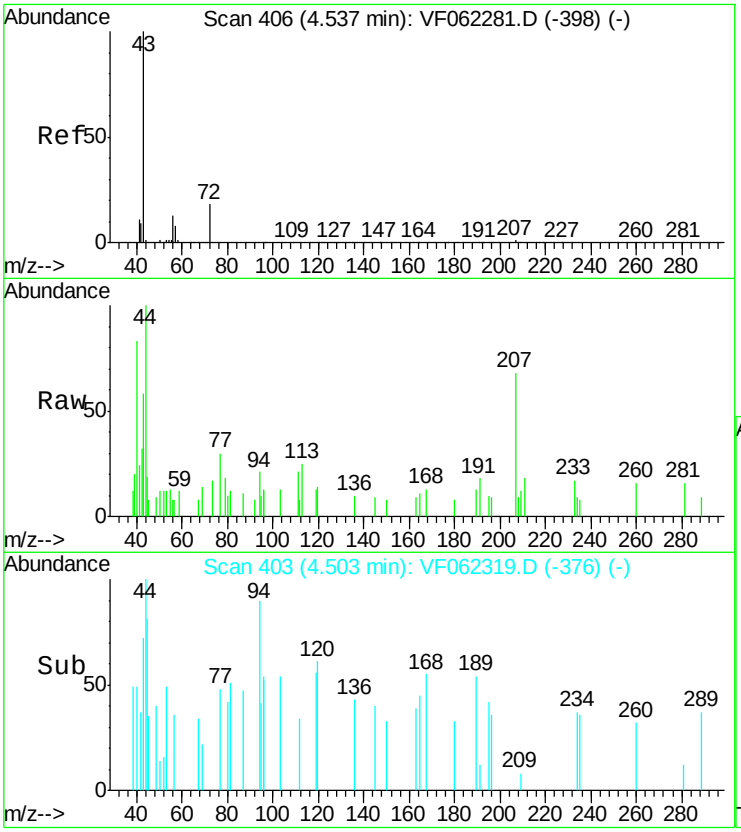


#20
Methylene Chloride
Concen: 1.794 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Tgt Ion: 84 Resp: 15318

Ion	Ratio	Lower	Upper
84	100		
49	116.4	112.1	168.1
51	34.3	35.9	53.9#
86	62.1	49.9	74.9



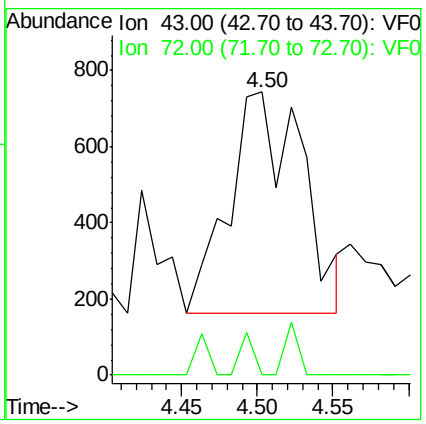


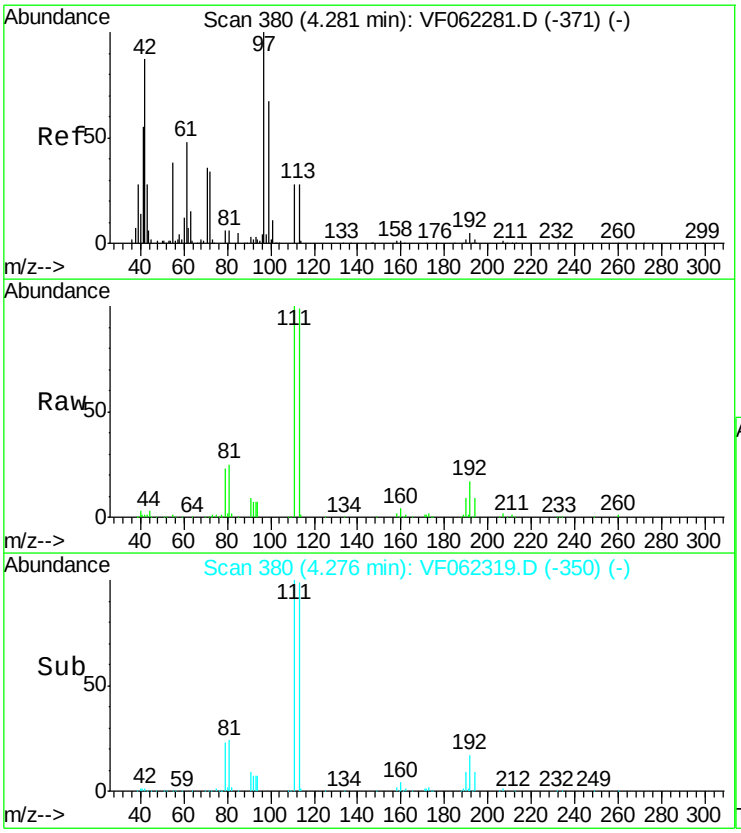
#25
2-Butanone
Concen: 2.337 ug/l
RT: 4.50 min Scan# 403
Delta R.T. -0.03 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1932

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.8	23.6#

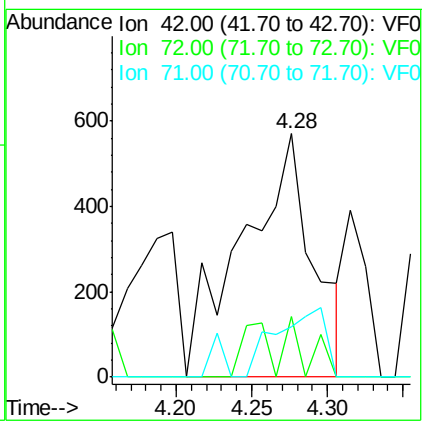


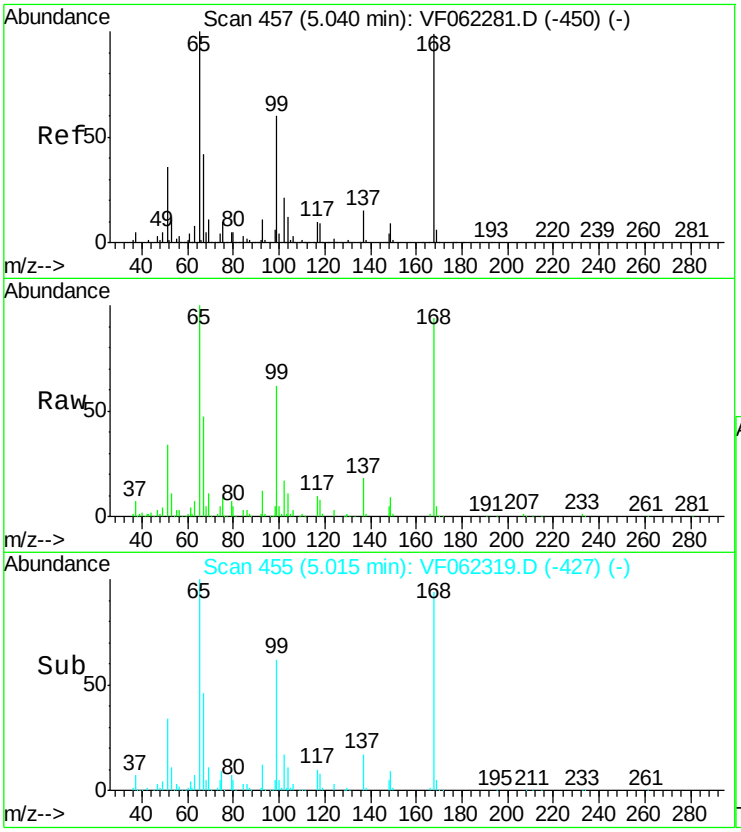


#29
Tetrahydrofuran
Concen: 5.068 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.01 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Tgt Ion: 42 Resp: 1841

Ion	Ratio	Lower	Upper
42	100		
72	7.9	29.3	43.9#
71	0.0	31.2	46.8#



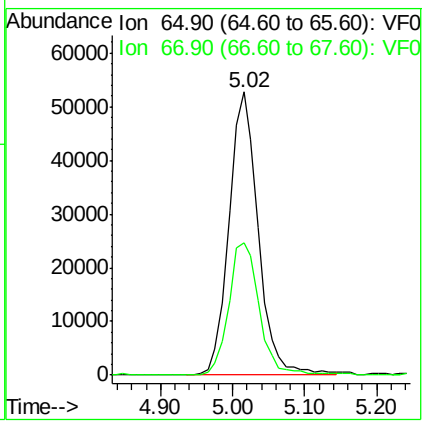


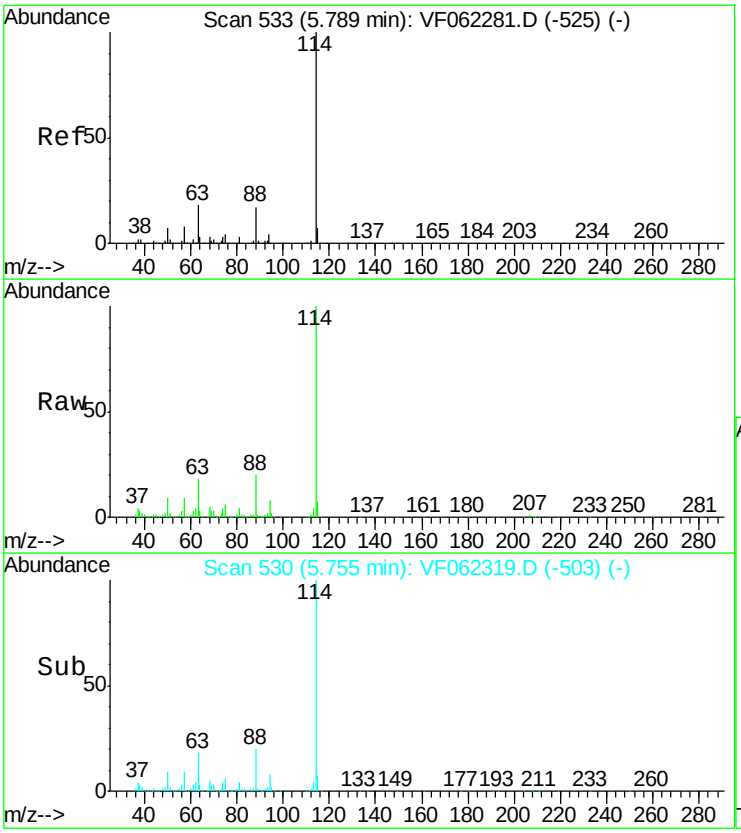
#33
1,2-Dichloroethane-d4
Concen: 63.981 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.02 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 148984

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	98.8

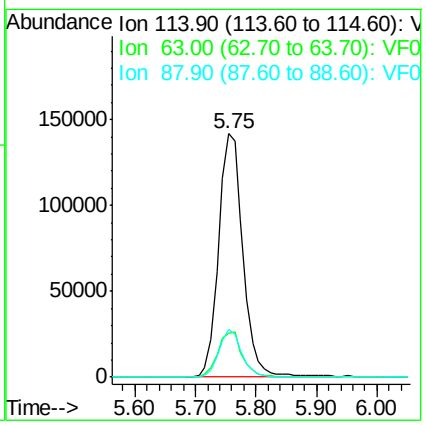


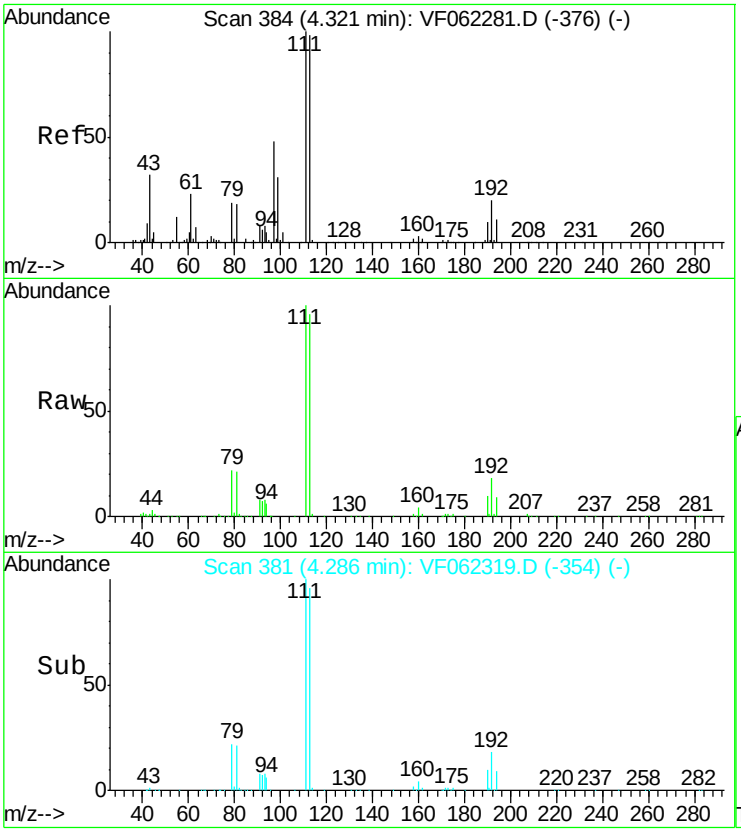


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 530
Delta R.T. -0.03 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Tgt Ion:114 Resp: 396609

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.6
88	19.6	0.0	34.6



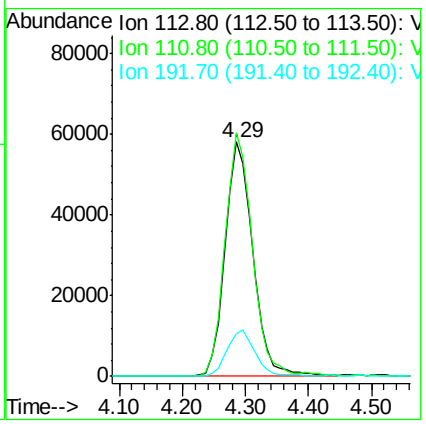


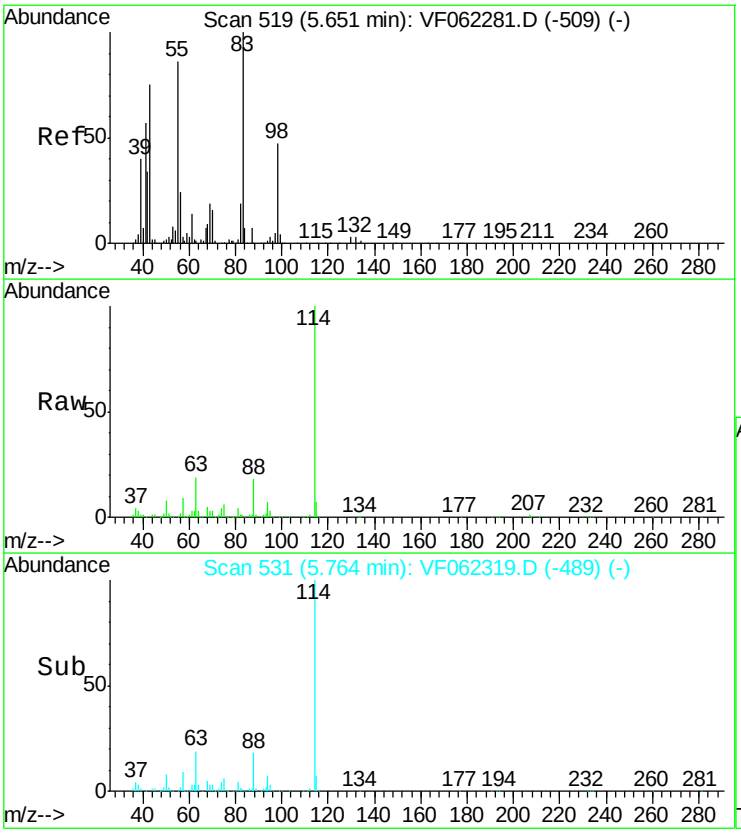
#35
Dibromofluoromethane
Concen: 60.183 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.03 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 176978

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.4	122.2
192	20.0	17.0	25.4

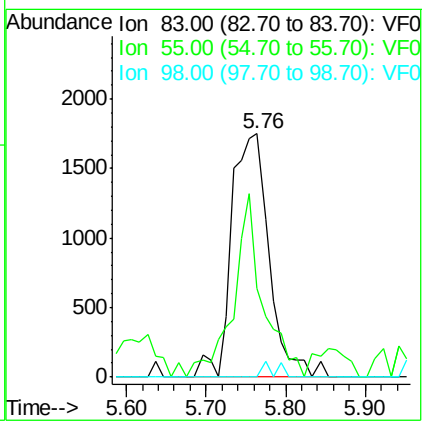


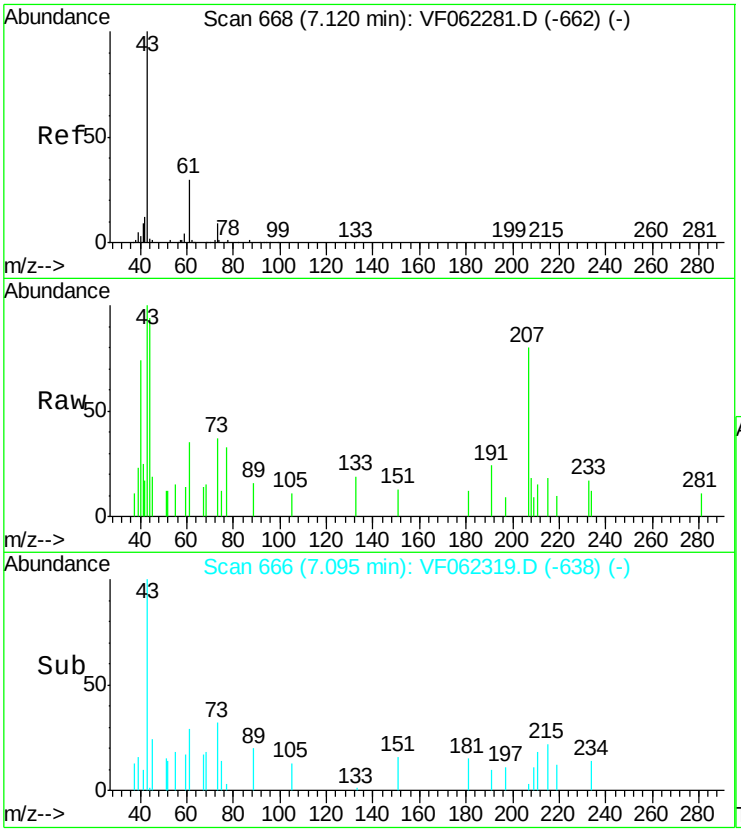


#39
Methylcyclohexane
Concen: 1.338 ug/l
RT: 5.76 min Scan# 531
Delta R.T. 0.11 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Tgt Ion: 83 Resp: 5714

Ion	Ratio	Lower	Upper
83	100		
55	36.4	68.7	103.1#
98	0.0	37.4	56.2#



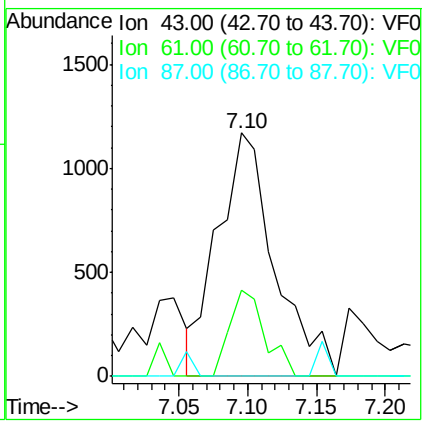


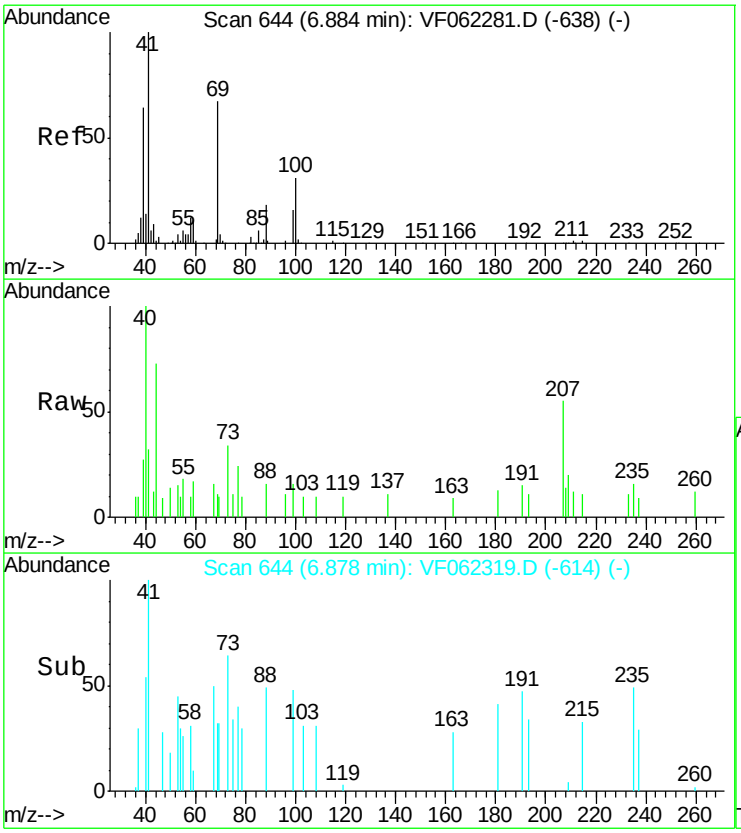
#43
Isopropyl Acetate
Concen: 1.936 ug/l
RT: 7.10 min Scan# 666
Delta R.T. -0.02 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3374

Ion	Ratio	Lower	Upper
43	100		
61	22.0	23.8	35.6#
87	0.0	0.5	0.7#

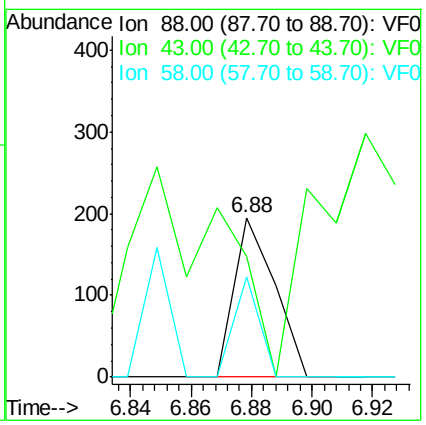


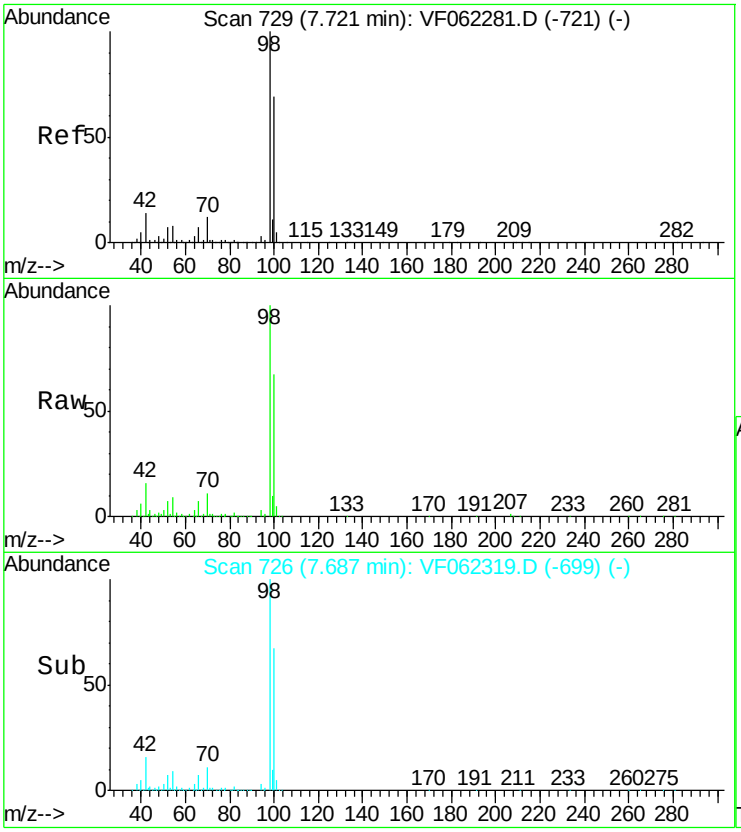


#49
1,4-Dioxane
Concen: 14.015 ug/l
RT: 6.88 min Scan# 644
Delta R.T. -0.01 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Tgt Ion: 88 Resp: 182

Ion	Ratio	Lower	Upper
88	100		
43	0.0	34.2	51.4#
58	39.6	50.7	76.1#



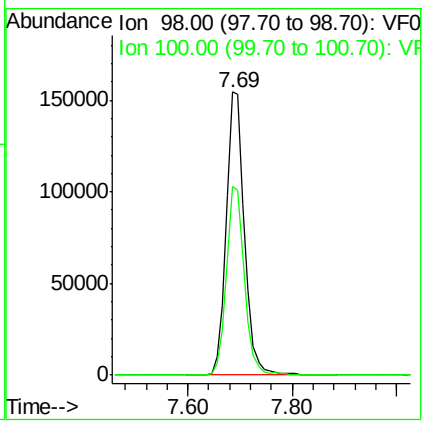


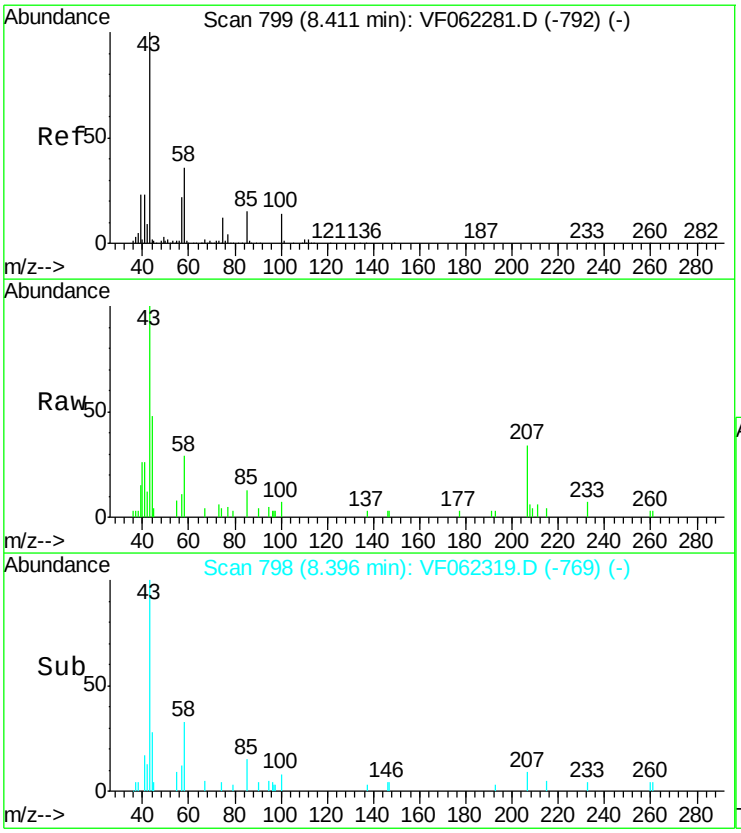
#50
Toluene-d8
Concen: 51.988 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.03 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 373424

Ion	Ratio	Lower	Upper
98	100		
100	66.0	54.4	81.6

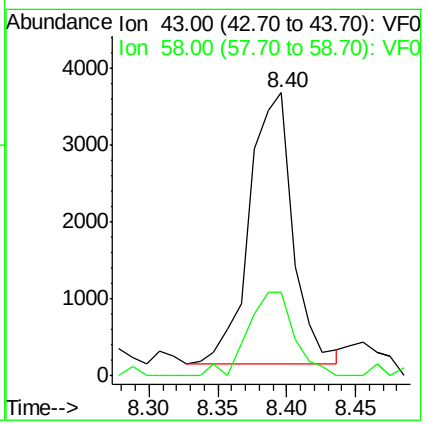


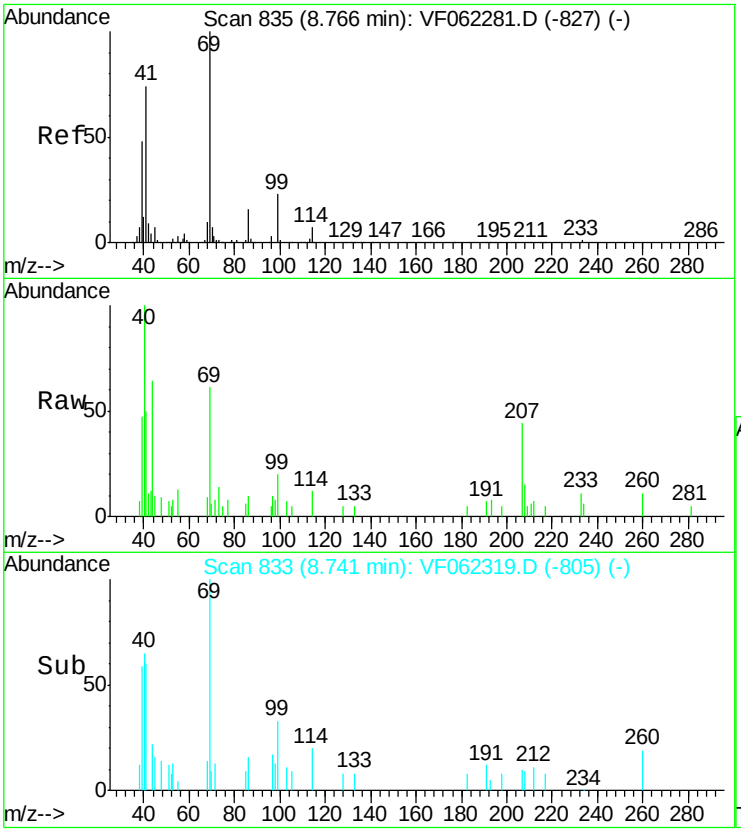


#51
4-Methyl-2-Pentanone
Concen: 6.460 ug/l
RT: 8.40 min Scan# 798
Delta R.T. -0.02 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Tgt Ion: 43 Resp: 7835

Ion	Ratio	Lower	Upper
43	100		
58	32.8	29.1	43.7



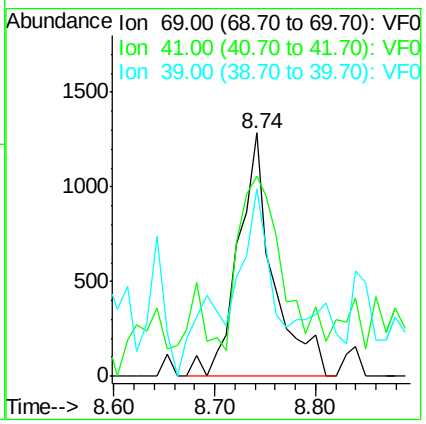


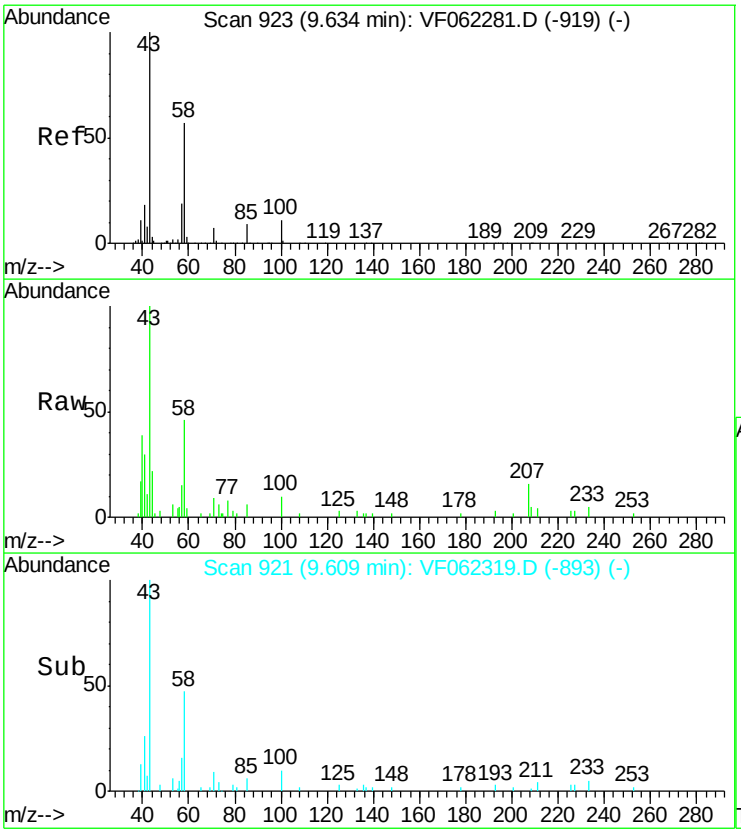
#56
Ethyl methacrylate
Concen: 1.955 ug/l
RT: 8.74 min Scan# 833
Delta R.T. -0.02 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 69 Resp: 3112

Ion	Ratio	Lower	Upper
69	100		
41	93.3	61.5	92.3#
39	38.6	37.9	56.9

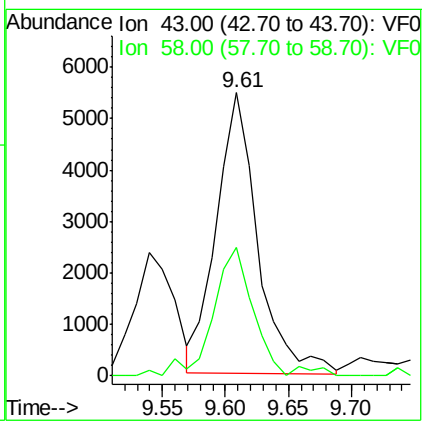


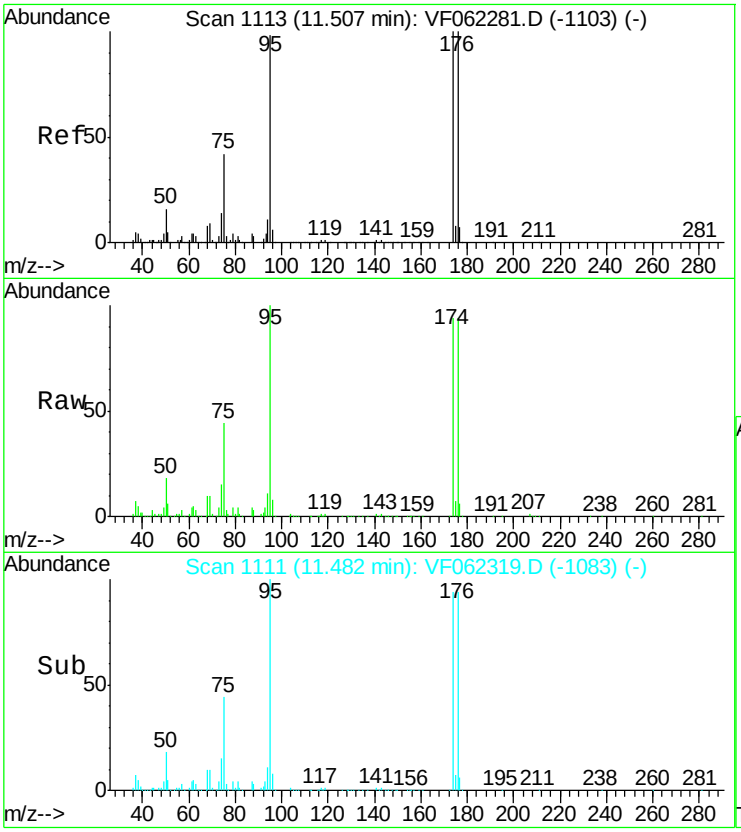


#59
2-Hexanone
Concen: 2.627 ug/l
RT: 9.61 min Scan# 921
Delta R.T. -0.02 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Tgt Ion: 43 Resp: 12342

Ion	Ratio	Lower	Upper
43	100		
58	43.9	24.9	74.7



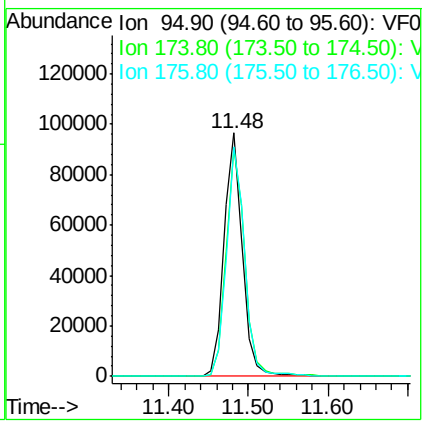


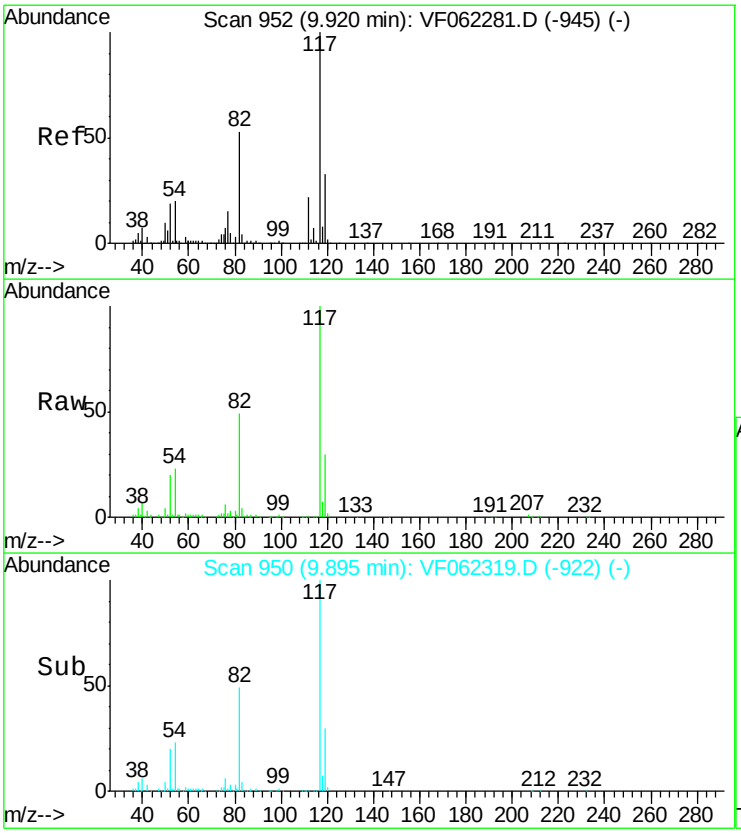
#62
4-Bromofluorobenzene
Concen: 53.224 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 157578

Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	185.2
176	94.5	0.0	184.8

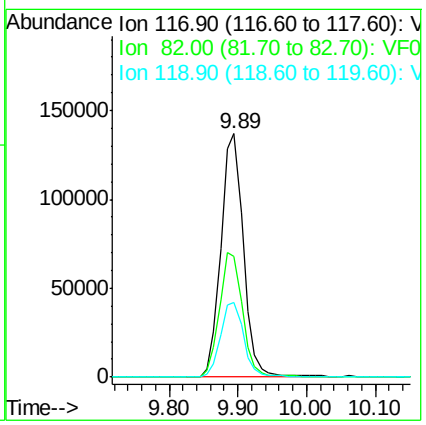


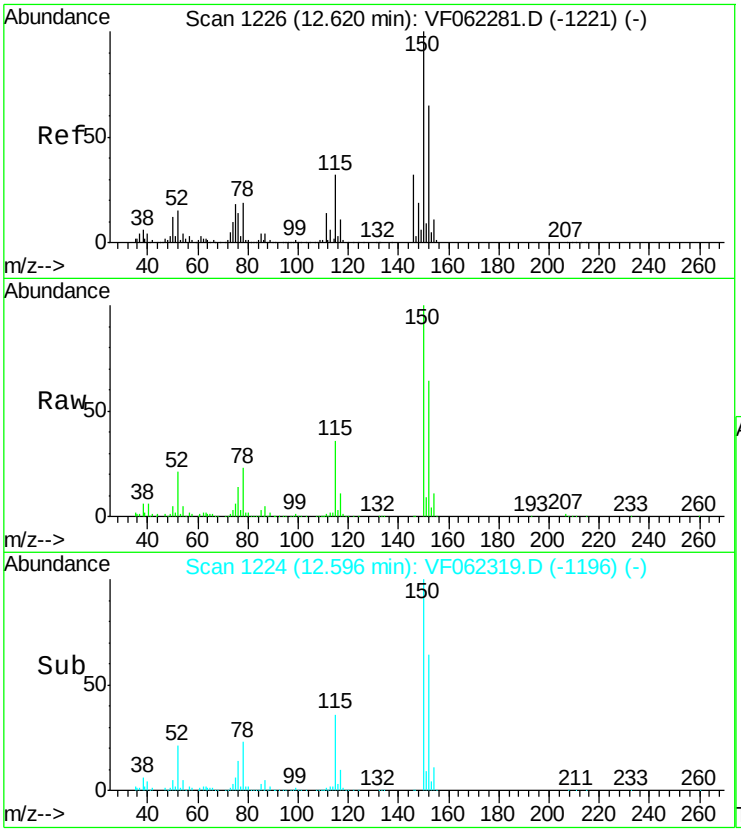


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.02 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Tgt Ion:117 Resp: 311631

Ion	Ratio	Lower	Upper
117	100		
82	49.4	42.6	64.0
119	30.4	26.1	39.1



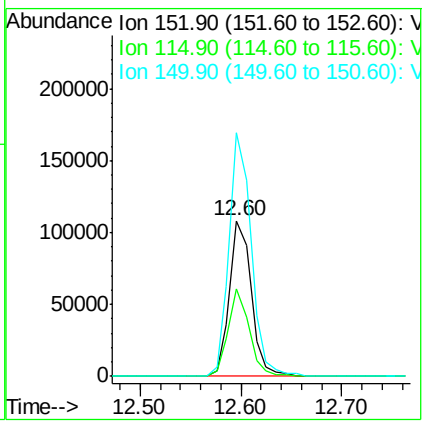


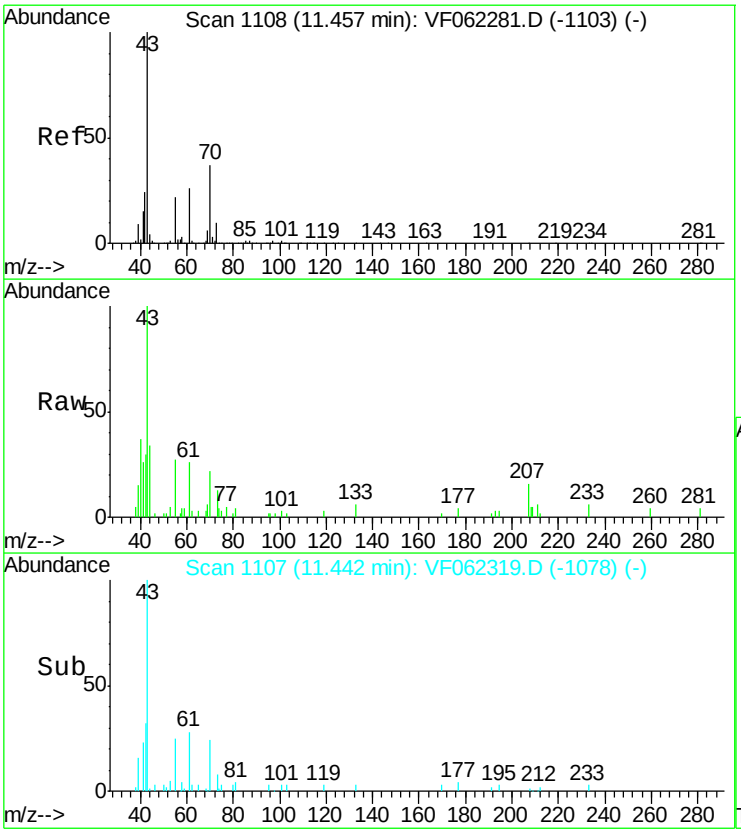
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.02 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 163614

Ion	Ratio	Lower	Upper
152	100		
115	54.5	25.6	76.8
150	158.0	0.0	330.6

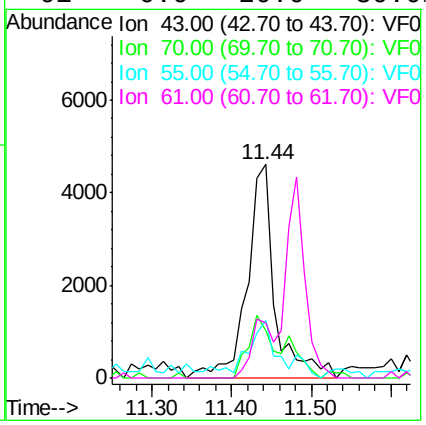


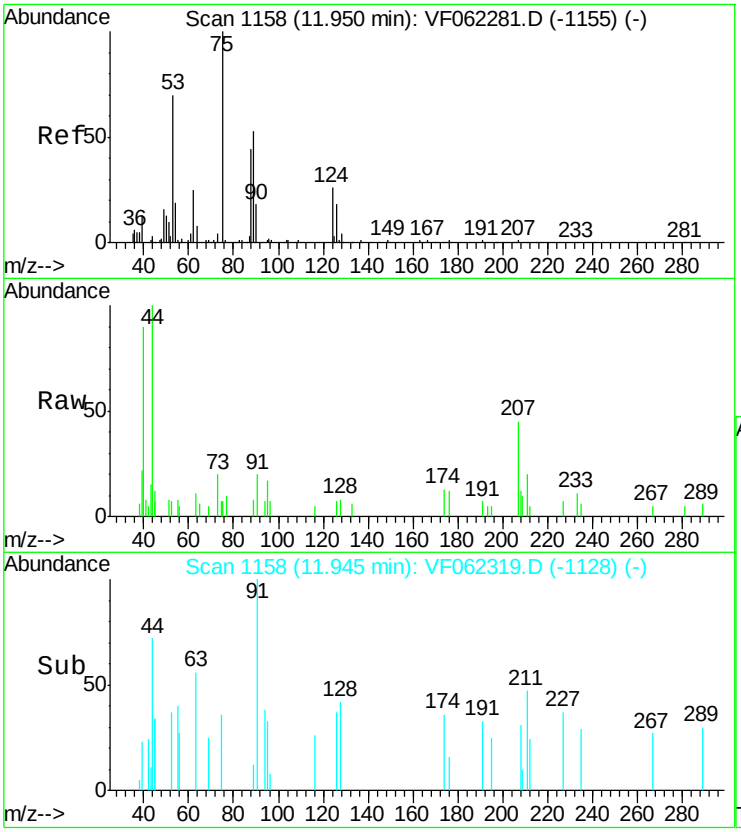


#74
N-amyl acetate
Concen: 4.253 ug/l
RT: 11.44 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Tgt Ion: 43 Resp: 10986

Ion	Ratio	Lower	Upper
43	100		
70	25.0	27.8	41.8#
55	25.9	16.6	24.8#
61	0.0	20.0	30.0#



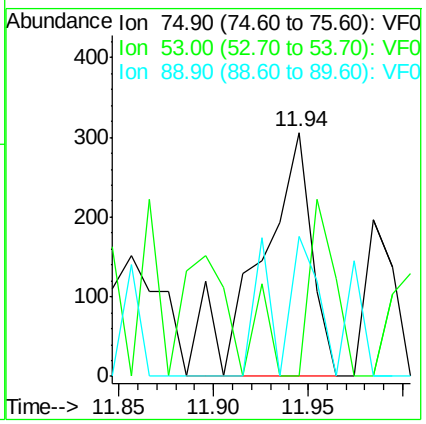


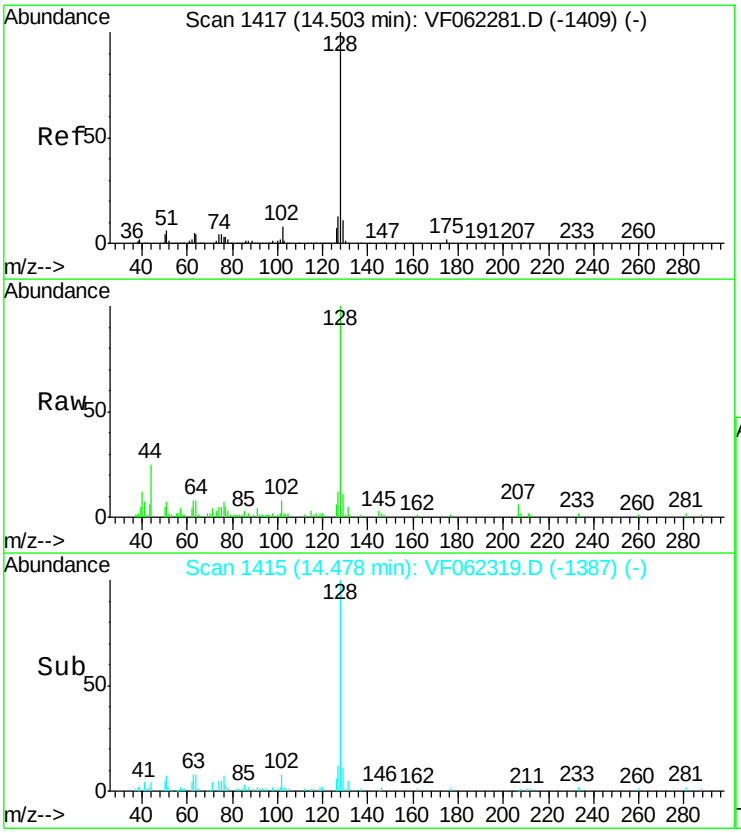
#81
trans-1,4-Dichloro-2-butene
Concen: 1.050 ug/l
RT: 11.94 min Scan# 1158
Delta R.T. -0.01 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 593

Ion	Ratio	Lower	Upper
75	100		
53	34.6	67.1	100.7#
89	29.5	0.0	0.0#





#95
Naphthalene
Concen: 2.267 ug/l
RT: 14.48 min Scan# 1415
Delta R.T. -0.02 min
Lab File: VF062319.D
Acq: 29 Apr 2019 18:15

Tgt Ion:128 Resp: 14683

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	13.5	8.9	13.3#