Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
Data File : VF060962.D
Acq On : 10 Dec 2018 19:18
Operator : VA/AP
Sample : J6306-01RE
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 11 04:58:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	234329	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	394357	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.77	117	318392	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	134860	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	138551	50.19	ug/l	-0.04
Spiked Amount 50.000			Recovery = 100.38%			
35) Dibromofluoromethane	4.11	113	150228	48.02	ug/l	-0.04
Spiked Amount 50.000			Recovery = 96.04%			
50) Toluene-d8	7.55	98	334680	36.32	ug/l	-0.04
Spiked Amount 50.000			Recovery = 72.64%			
62) 4-Bromofluorobenzene	11.40	95	155518	37.13	ug/l	-0.03
Spiked Amount 50.000			Recovery = 74.26%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.56	59	281	2.483	ug/l #	1
13) Acrolein	1.99	56	1371	12.788	ug/l #	17
15) Acrylonitrile	2.95	53	300	1.183	ug/l #	32
16) Acetone	2.23	43	8436	16.572	ug/l	98
18) Methyl Acetate	2.45	43	364	Below Cal		92
20) Methylene Chloride	2.25	84	3995	2.139	ug/l #	82
25) 2-Butanone	4.32	43	3331	3.783	ug/l #	86
29) Tetrahydrofuran	4.09	42	402	1.077	ug/l #	37
41) Methacrylonitrile	4.74	41	399	Below Cal	#	23
43) Isopropyl Acetate	6.97	43	289	Below Cal	#	49
51) 4-Methyl-2-Pentanone	8.27	43	2074	1.265	ug/l #	87
59) 2-Hexanone	9.49	43	1515	1.317	ug/l	94
93) 1,2,4-Trichlorobenzene	14.20	180	6436	2.189	ug/l	95
95) Naphthalene	14.45	128	3630	Below Cal	#	87

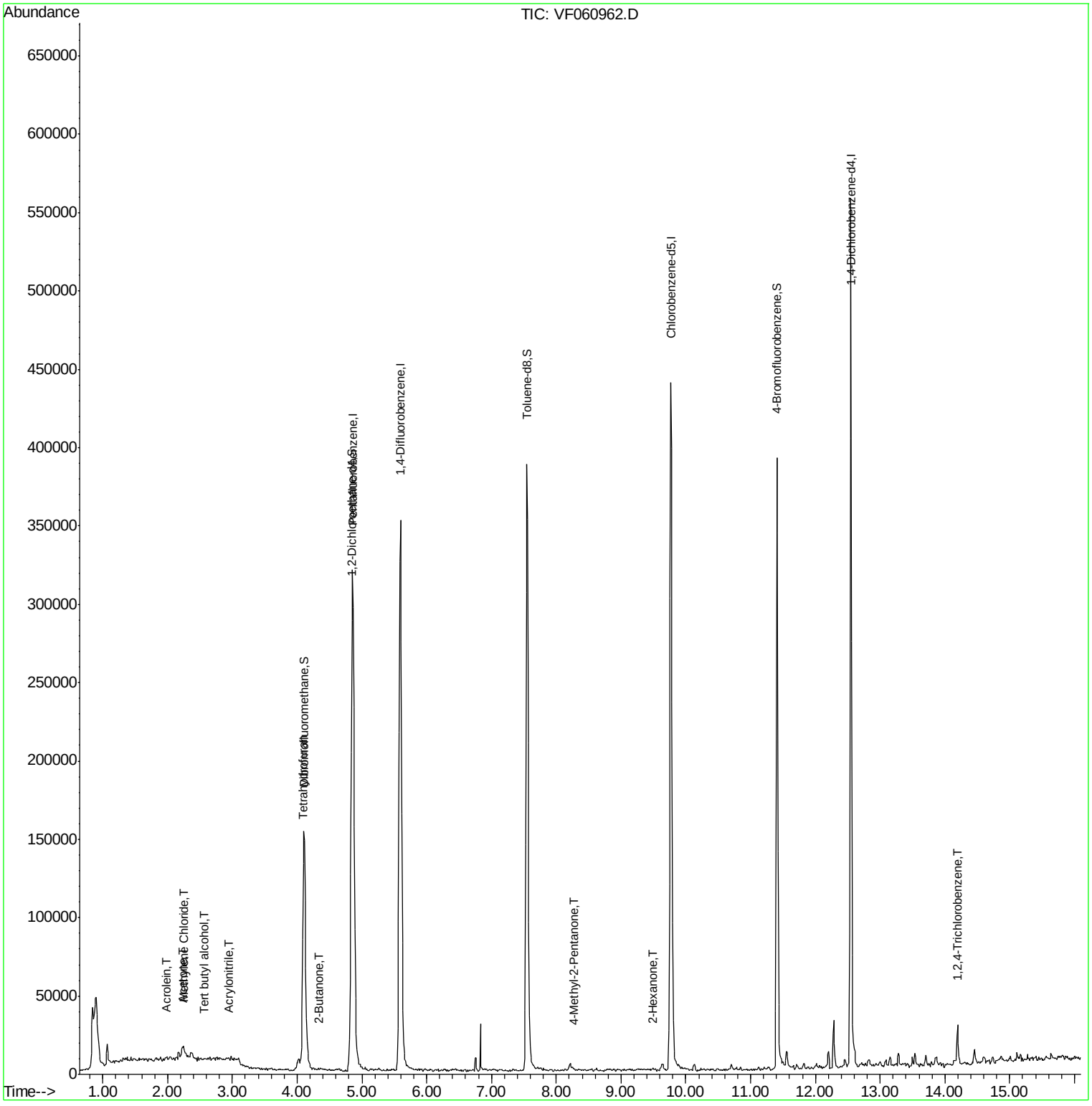
(#) = qualifier out of range (m) = manual integration (+) = signals summed

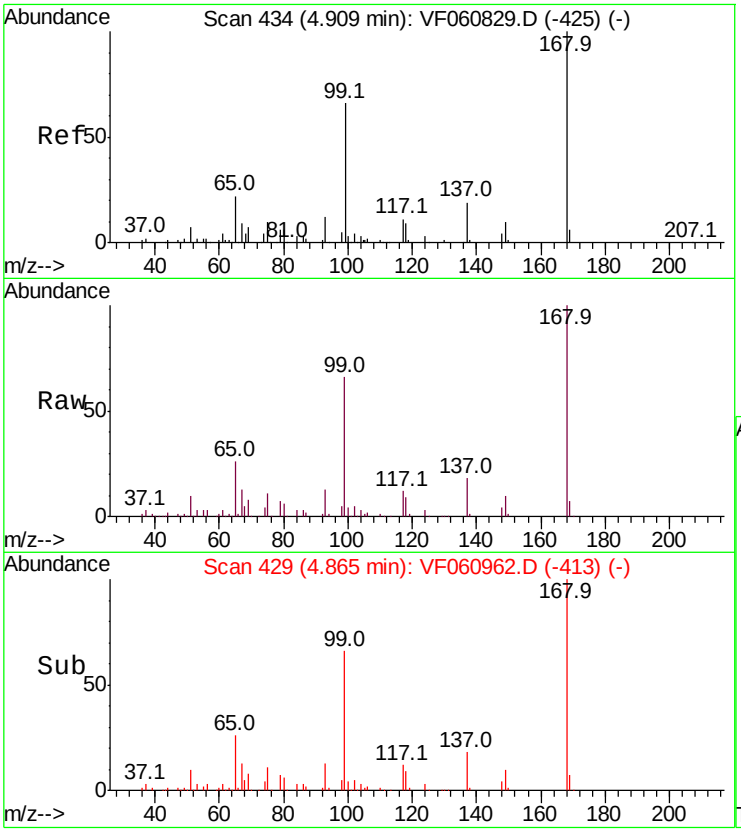
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121018\
Data File : VF060962.D
Acq On : 10 Dec 2018 19:18
Operator : VA/AP
Sample : J6306-01RE
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 11 04:58:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration



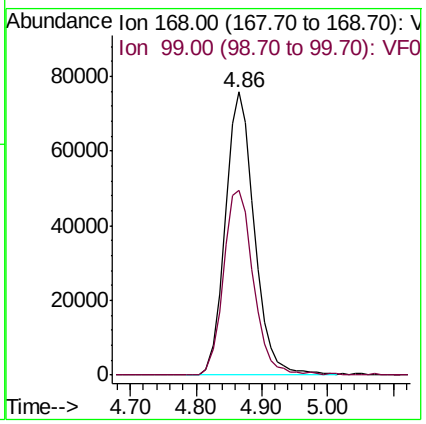


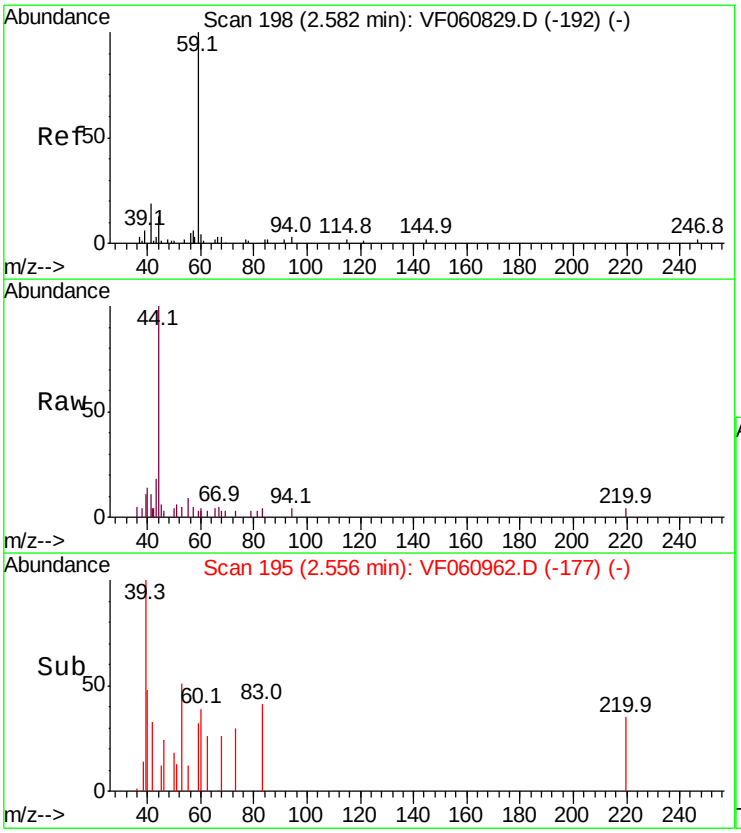
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.04 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 234329

Ion	Ratio	Lower	Upper
168	100		
99	65.5	52.6	79.0

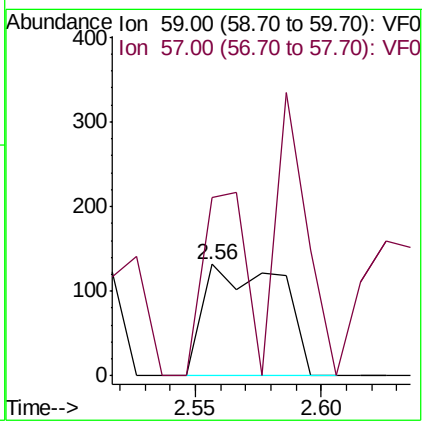


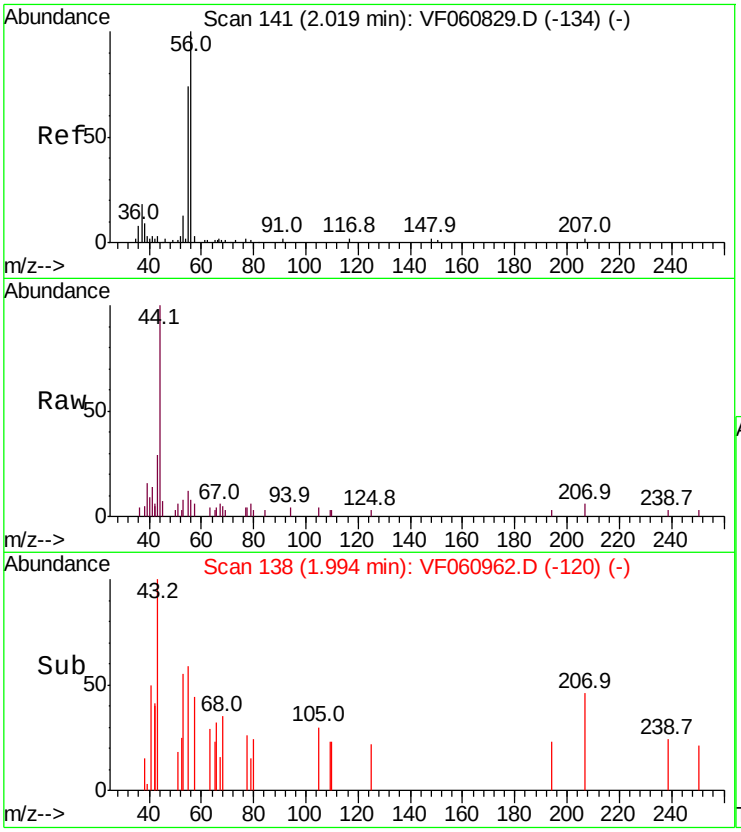


#11
Tert butyl alcohol
Concen: 2.483 ug/l
RT: 2.56 min Scan# 195
Delta R.T. -0.03 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Tgt Ion: 59 Resp: 281

Ion	Ratio	Lower	Upper
59	100		
57	159.1	12.7	19.1#



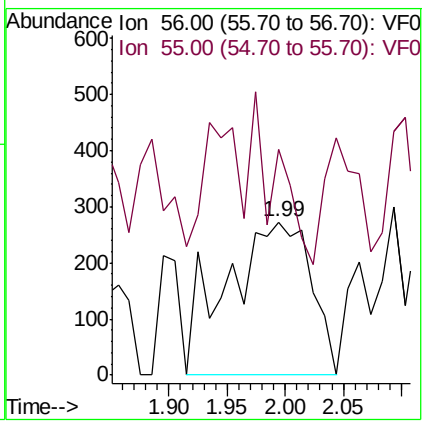


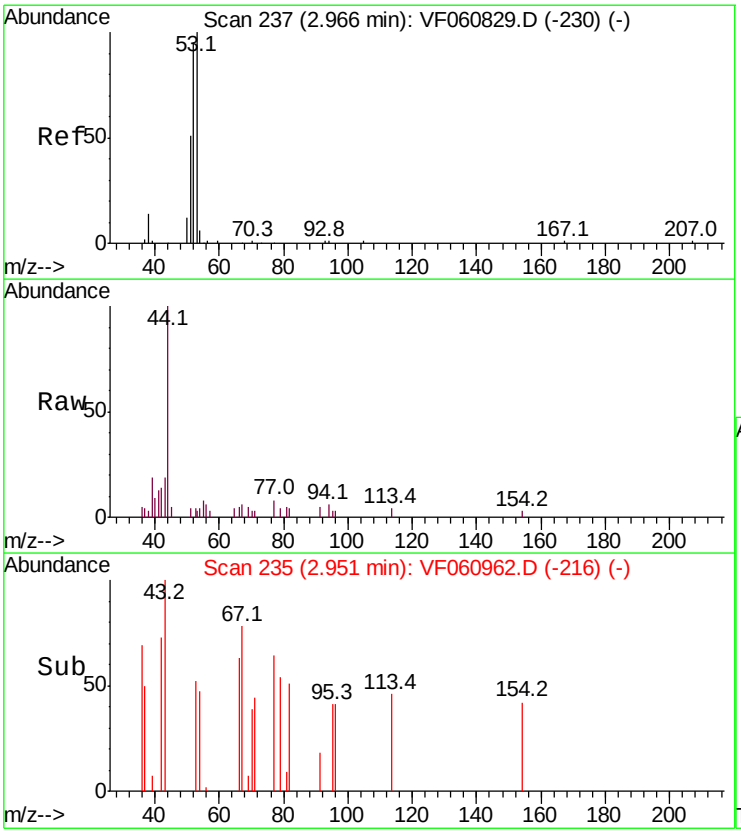
#13
Acrolein
Concen: 12.788 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.03 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 1371

Ion	Ratio	Lower	Upper
56	100		
55	147.6	61.2	91.8#

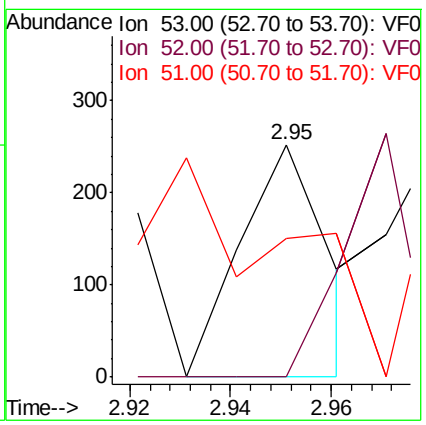


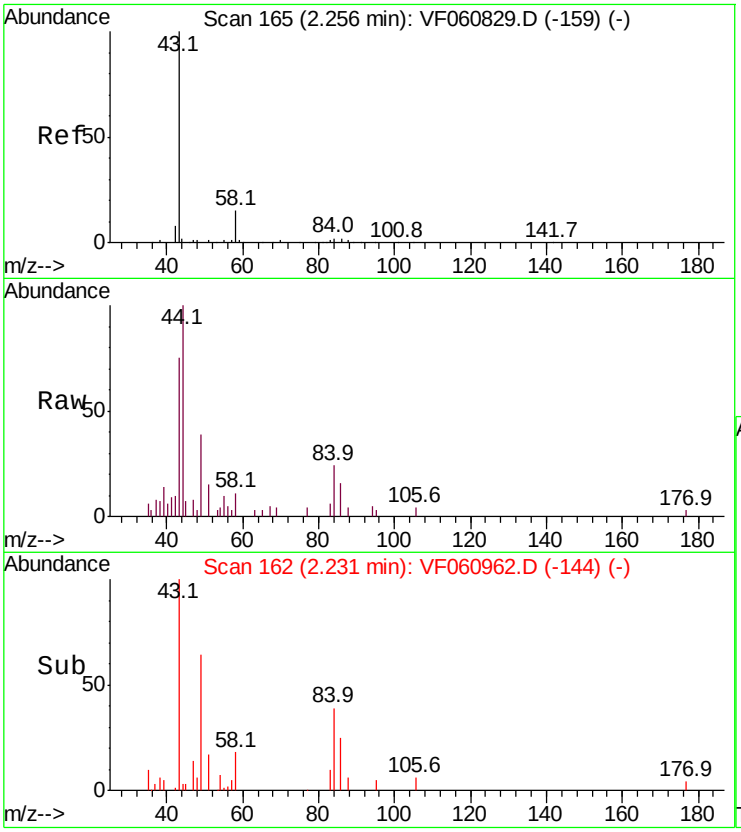


#15
Acrylonitrile
Concen: 1.183 ug/l
RT: 2.95 min Scan# 235
Delta R.T. -0.02 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Tgt Ion: 53 Resp: 300

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.5	114.7#
51	59.5	40.7	61.1



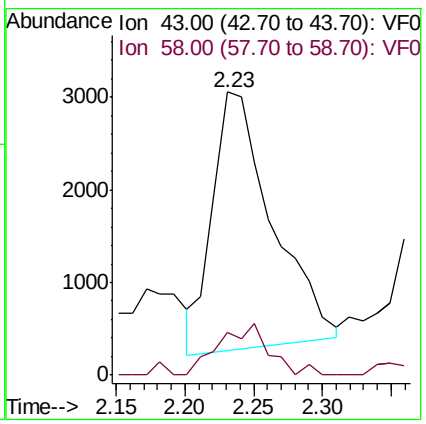


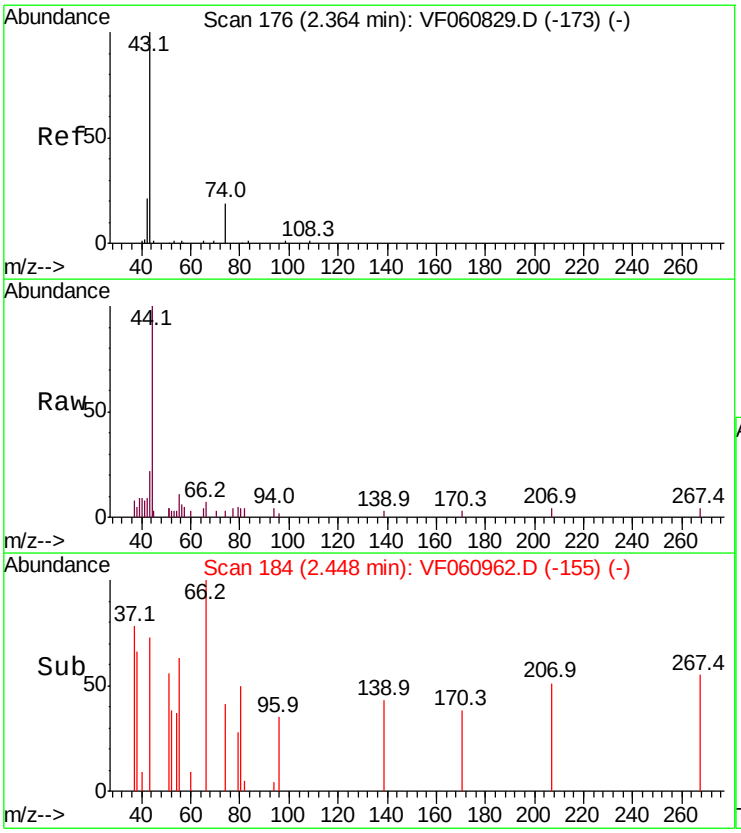
#16
Acetone
Concen: 16.572 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.02 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 8436

Ion	Ratio	Lower	Upper
43	100		
58	15.0	11.4	17.2

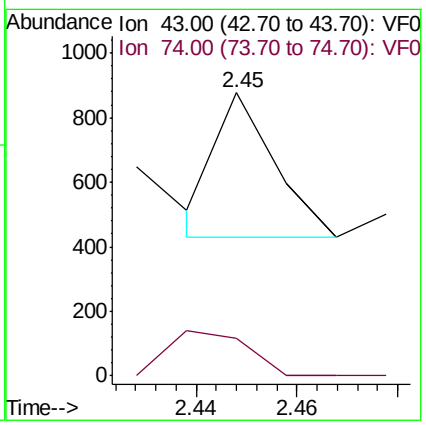


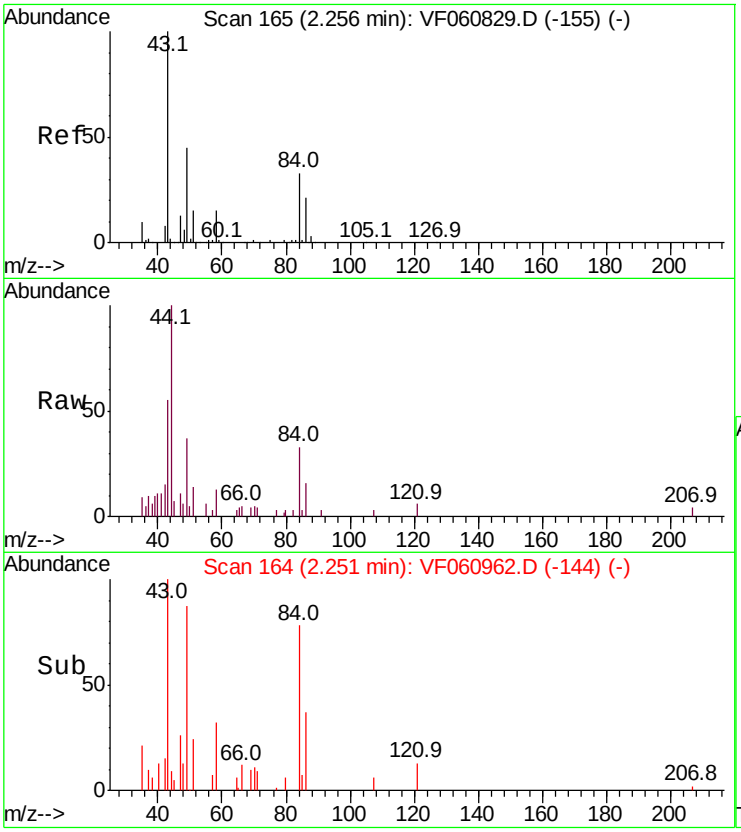


#18
Methyl Acetate
Concen: Below Cal
RT: 2.45 min Scan# 184
Delta R.T. 0.08 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Tgt Ion: 43 Resp: 364

Ion	Ratio	Lower	Upper
43	100		
74	13.3	13.3	19.9



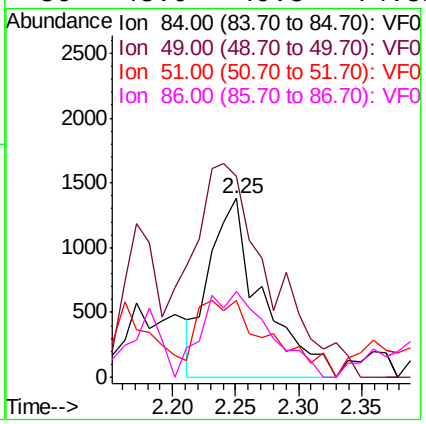


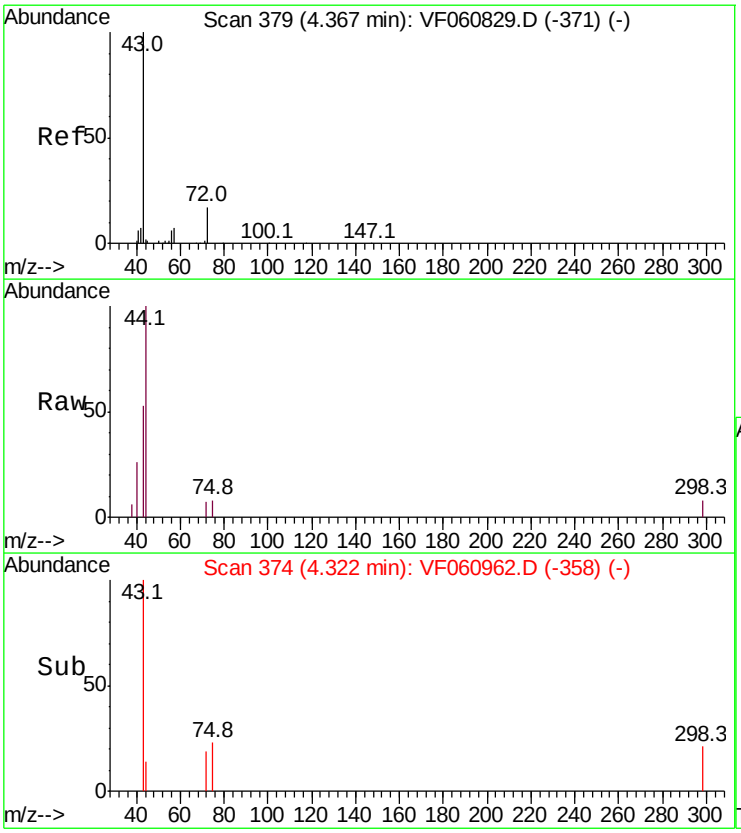
#20
Methylene Chloride
Concen: 2.139 ug/l
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 3995

Ion	Ratio	Lower	Upper
84	100		
49	112.1	111.3	166.9
51	43.0	38.0	57.0
86	48.0	49.8	74.8#

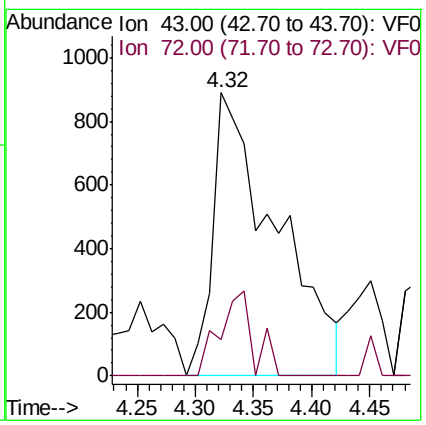


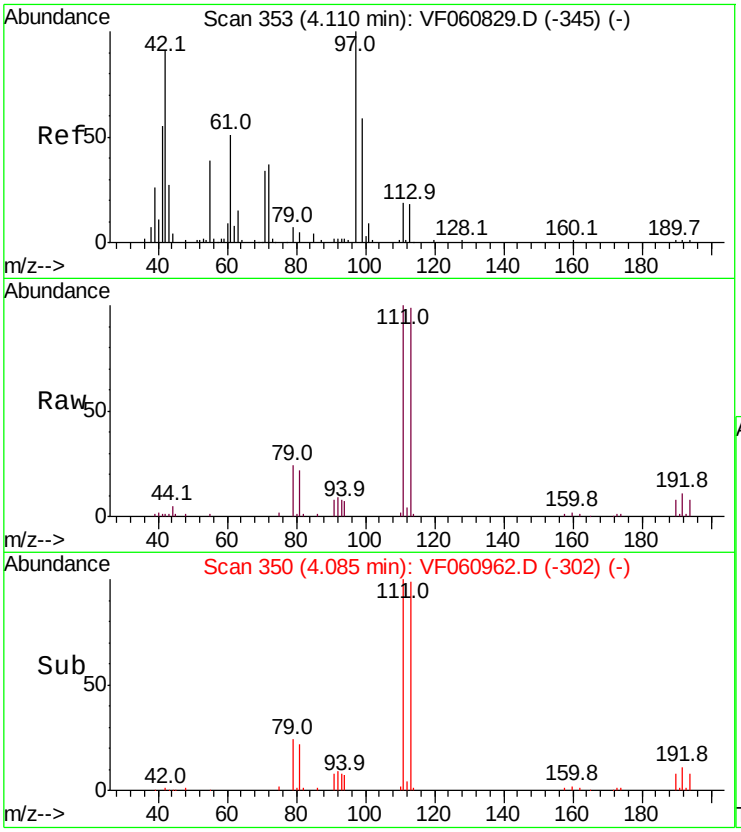


#25
2-Butanone
Concen: 3.783 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.04 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Tgt Ion: 43 Resp: 3331

Ion	Ratio	Lower	Upper
43	100		
72	12.9	15.4	23.2#



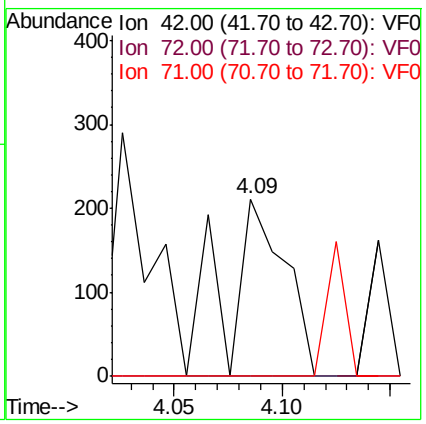


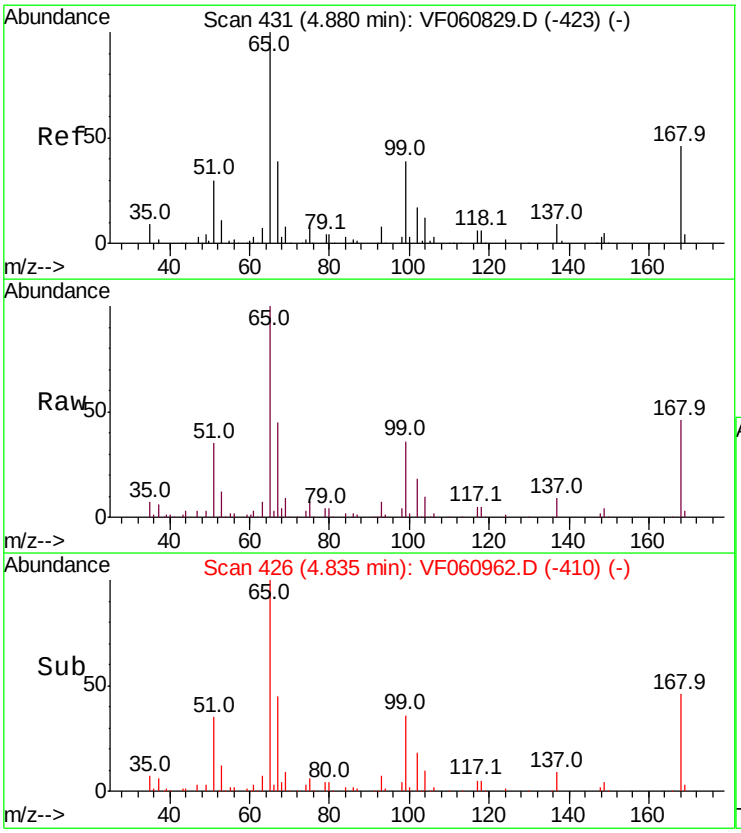
#29
Tetrahydrofuran
Concen: 1.077 ug/l
RT: 4.09 min Scan# 350
Delta R.T. -0.03 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 402

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.9	47.9#
71	0.0	28.7	43.1#

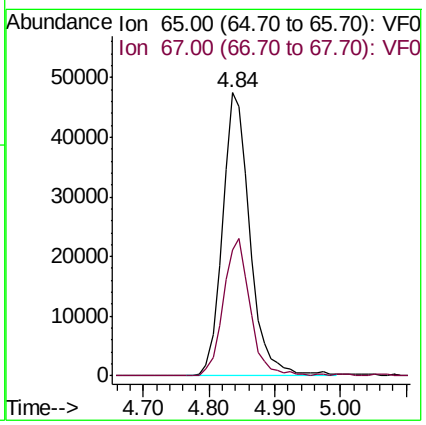


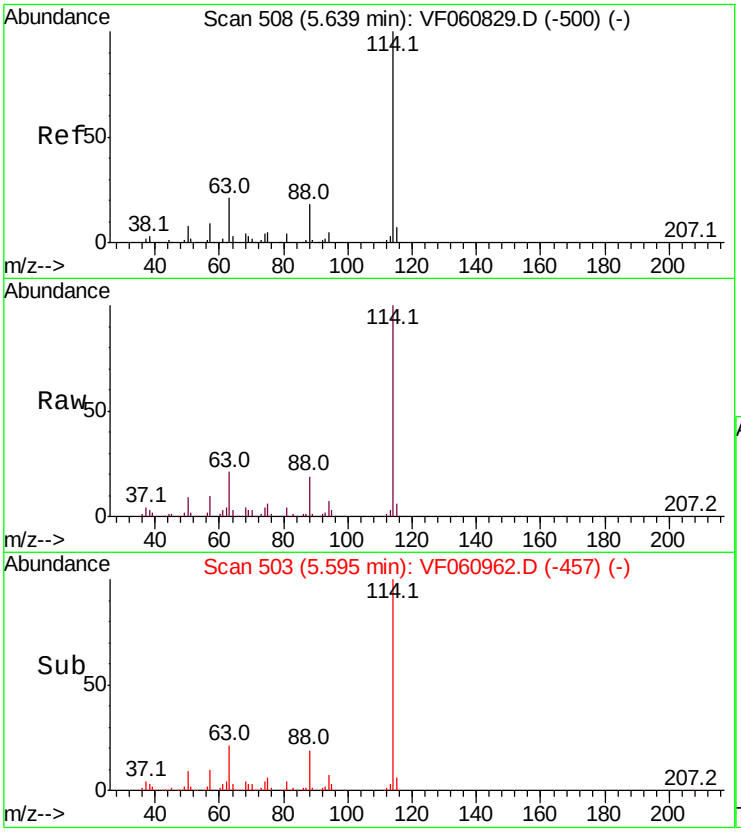


#33
1,2-Dichloroethane-d4
Concen: 50.191 ug/l
RT: 4.84 min Scan# 426
Delta R.T. -0.04 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Tgt Ion: 65 Resp: 138551

Ion	Ratio	Lower	Upper
65	100		
67	44.6	0.0	96.4



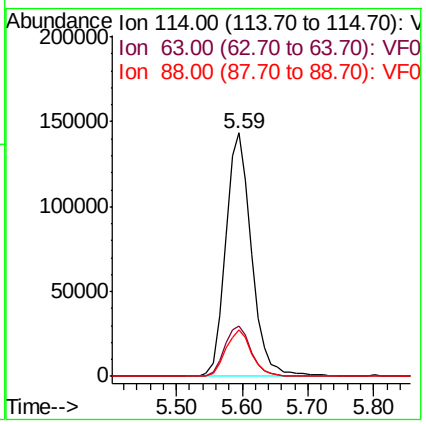


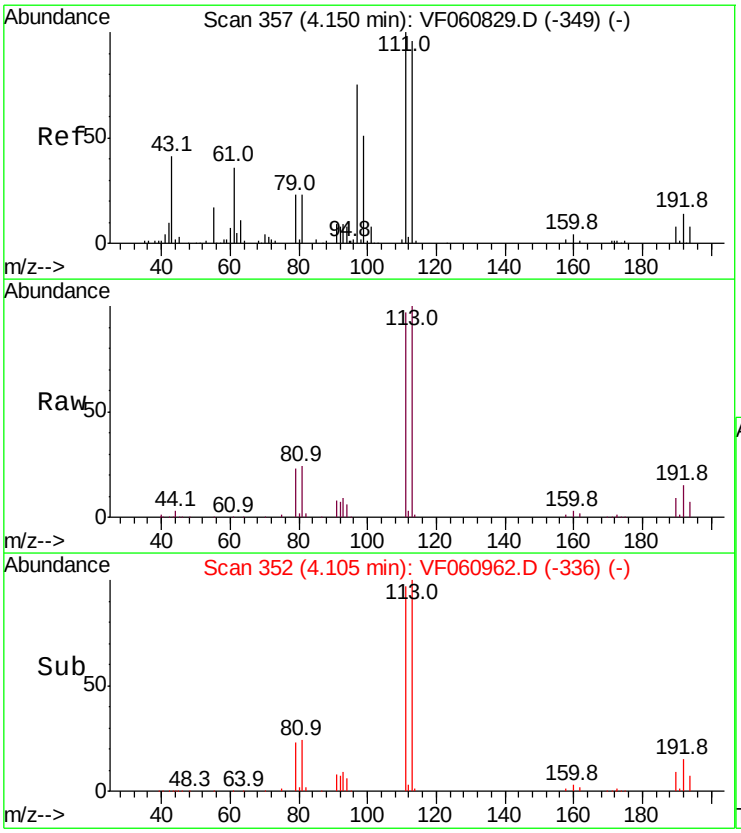
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.04 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 394357

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.6
88	19.2	0.0	36.6

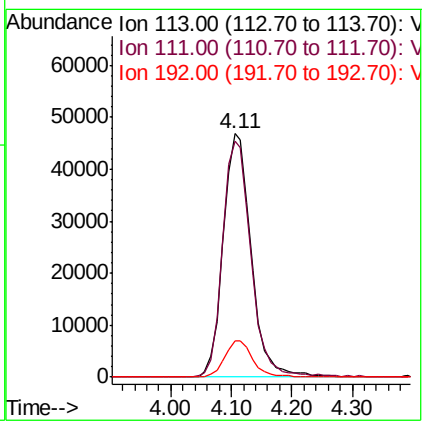


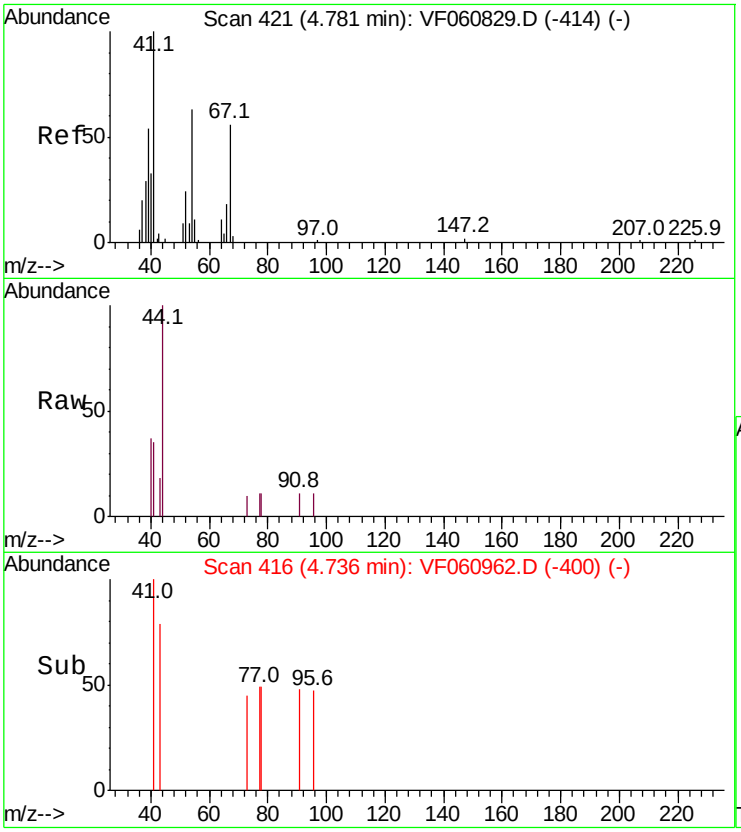


#35
Dibromofluoromethane
Concen: 48.019 ug/l
RT: 4.11 min Scan# 352
Delta R.T. -0.04 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Tgt Ion:113 Resp: 150228

Ion	Ratio	Lower	Upper
113	100		
111	96.8	83.0	124.6
192	14.8	12.3	18.5



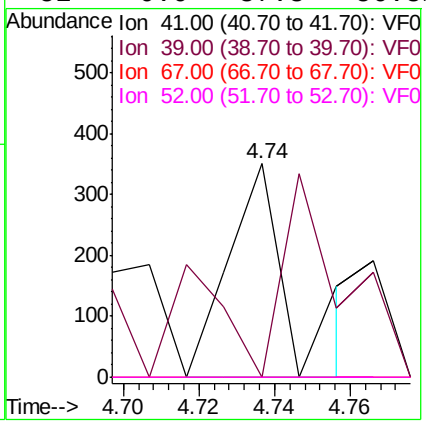


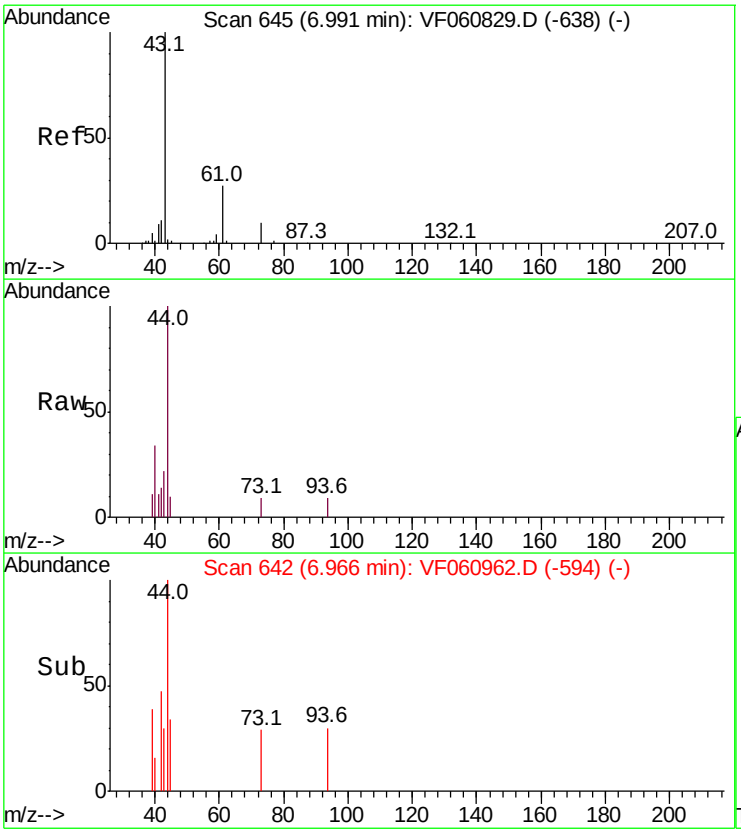
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.74 min Scan# 416
Delta R.T. -0.04 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 399

Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#

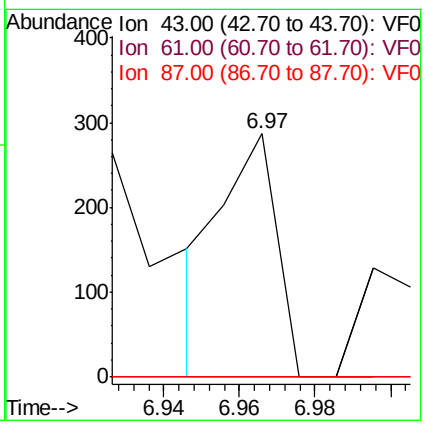


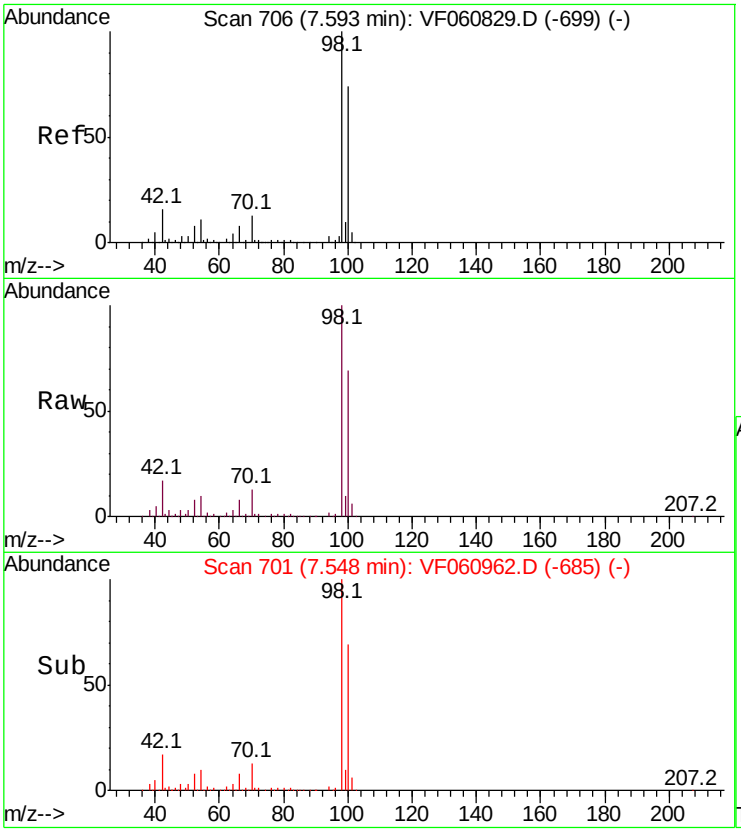


#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.97 min Scan# 642
Delta R.T. -0.02 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Tgt Ion: 43 Resp: 289

Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.4	32.0#
87	0.0	0.2	0.4#



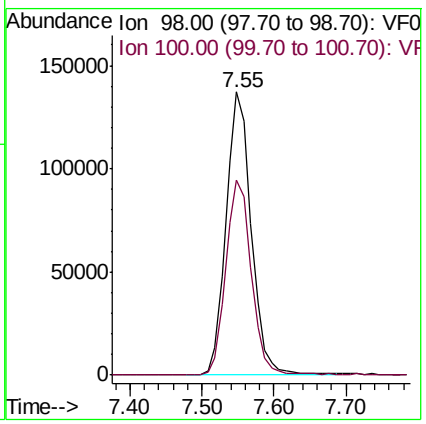


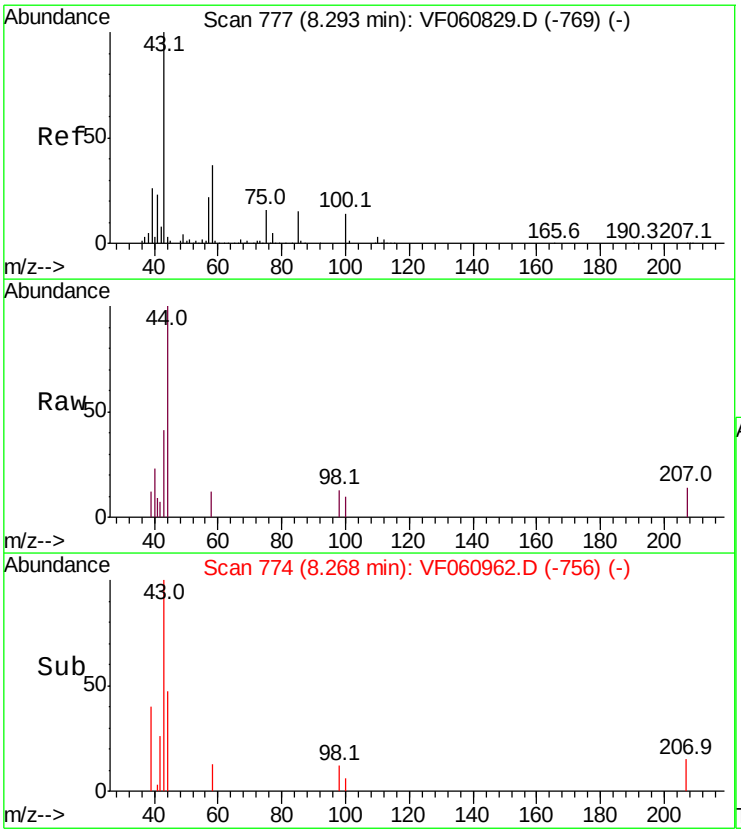
#50
Toluene-d8
Concen: 36.316 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.04 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 334680

Ion	Ratio	Lower	Upper
98	100		
100	69.0	59.3	88.9

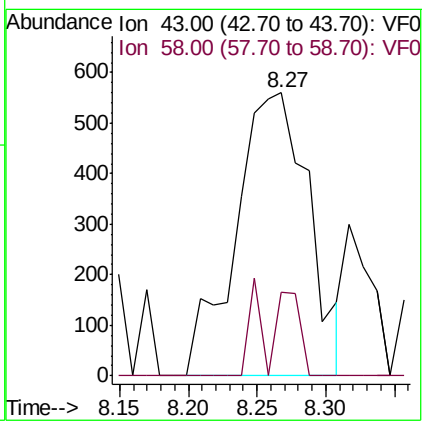


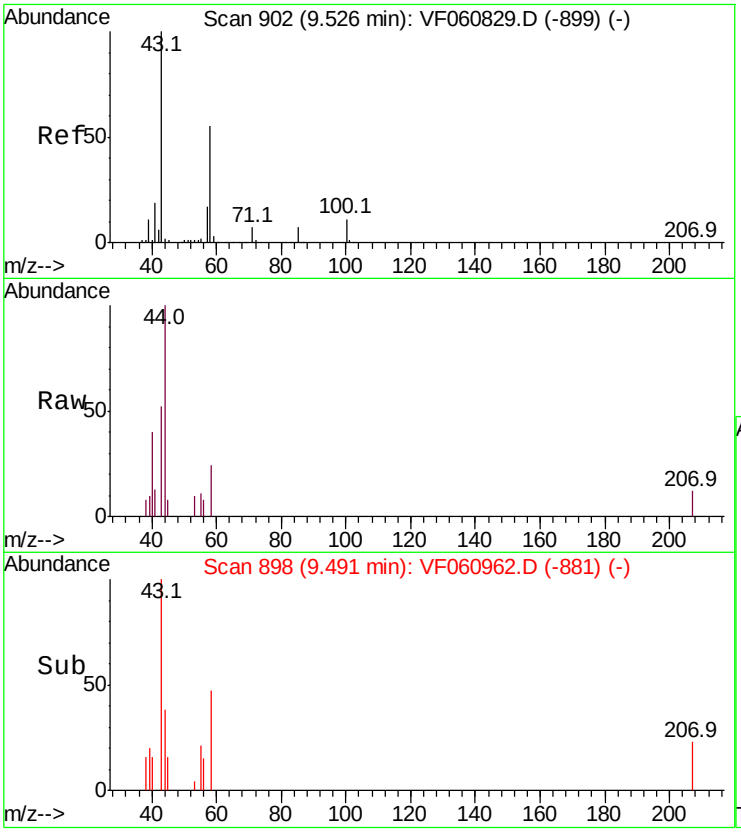


#51
4-Methyl-2-Pentanone
Concen: 1.265 ug/l
RT: 8.27 min Scan# 774
Delta R.T. -0.03 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Tgt Ion: 43 Resp: 2074

Ion	Ratio	Lower	Upper
43	100		
58	29.5	29.7	44.5#



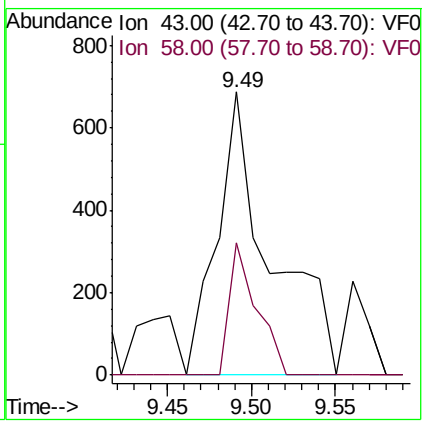


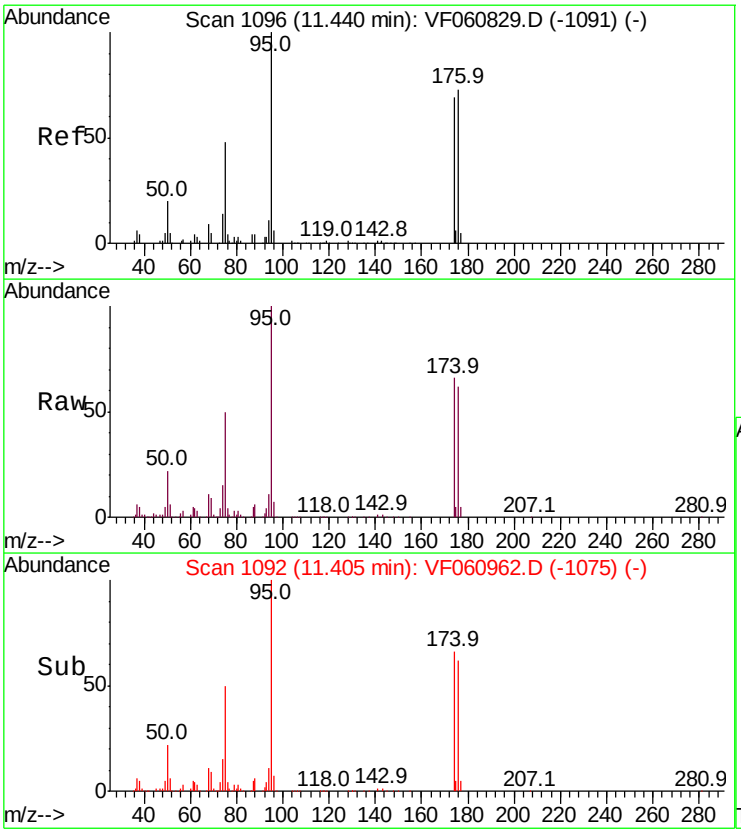
#59
2-Hexanone
Concen: 1.317 ug/l
RT: 9.49 min Scan# 898
Delta R.T. -0.03 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1515

Ion	Ratio	Lower	Upper
43	100		
58	46.7	25.6	76.6

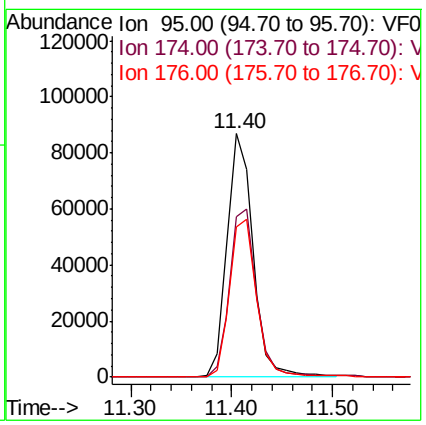


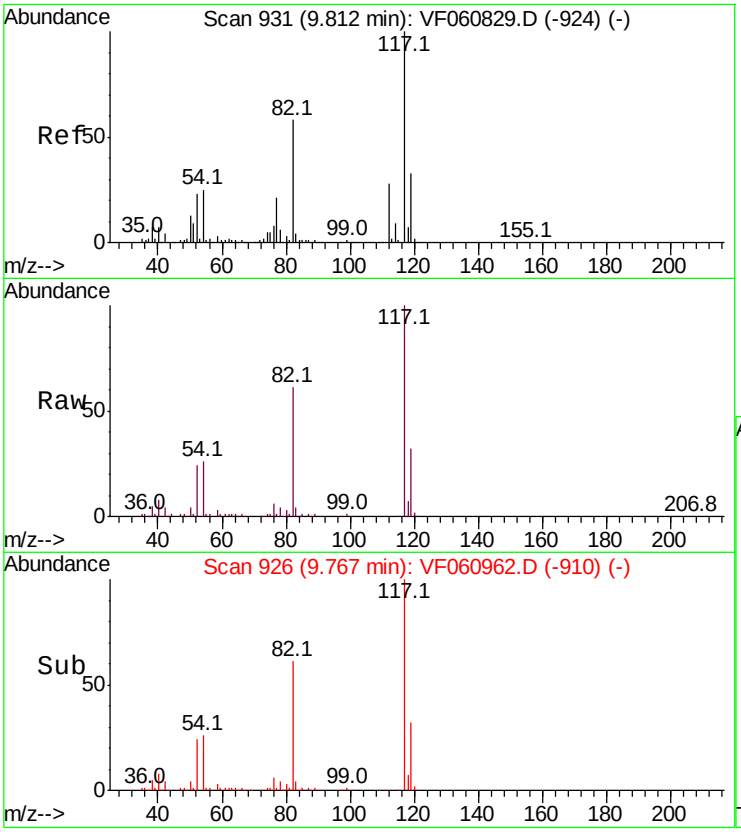


#62
4-Bromofluorobenzene
Concen: 37.131 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.03 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Tgt Ion: 95 Resp: 155518

Ion	Ratio	Lower	Upper
95	100		
174	65.6	0.0	138.2
176	61.8	0.0	146.2



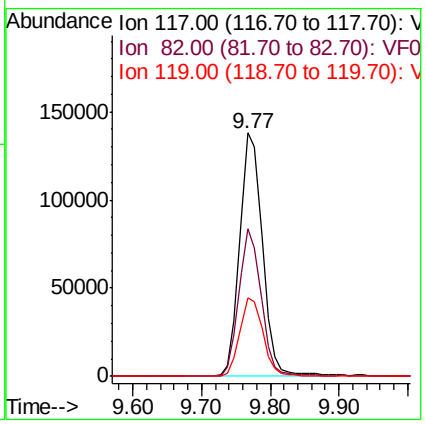


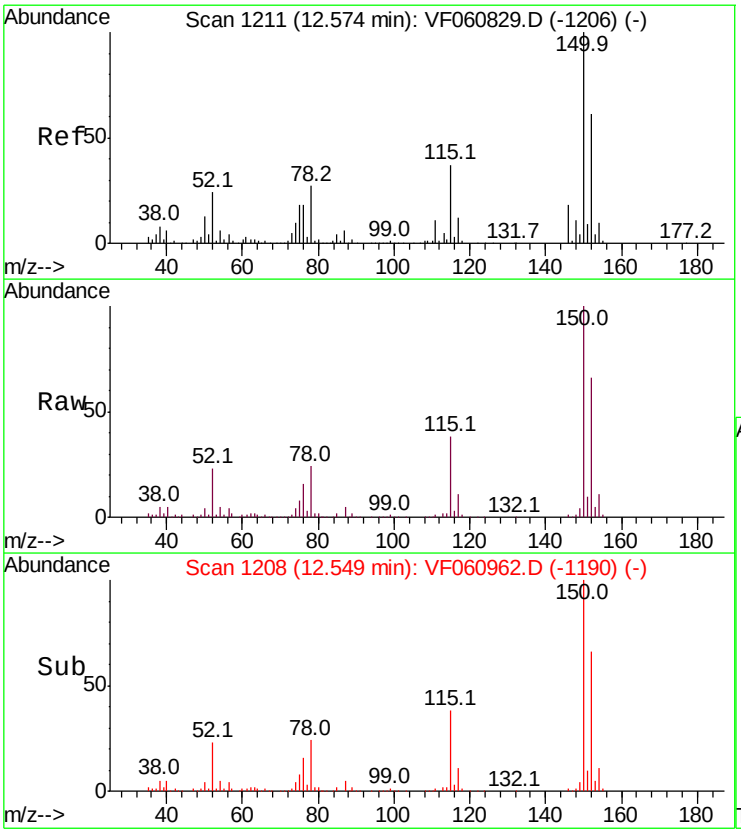
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.04 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 318392

Ion	Ratio	Lower	Upper
117	100		
82	60.5	46.6	69.8
119	32.4	26.4	39.6

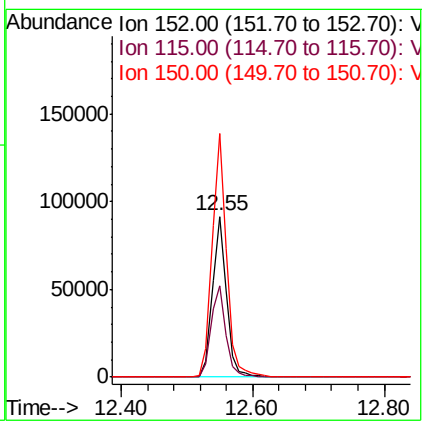


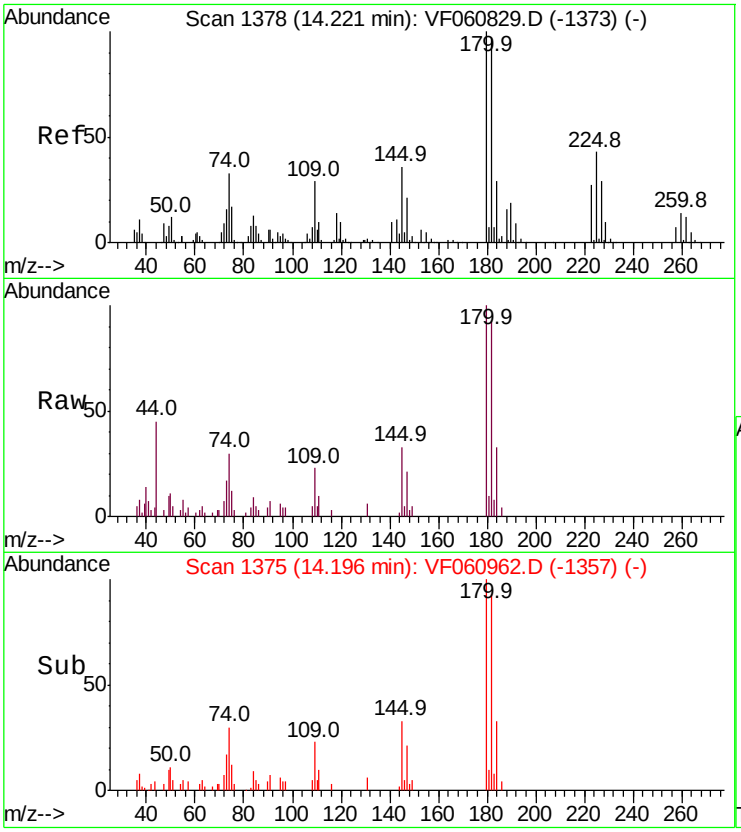


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Tgt Ion:152 Resp: 134860

Ion	Ratio	Lower	Upper
152	100		
115	57.0	30.1	90.5
150	151.8	0.0	327.6



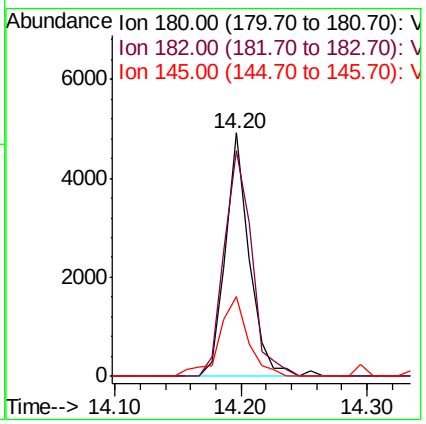


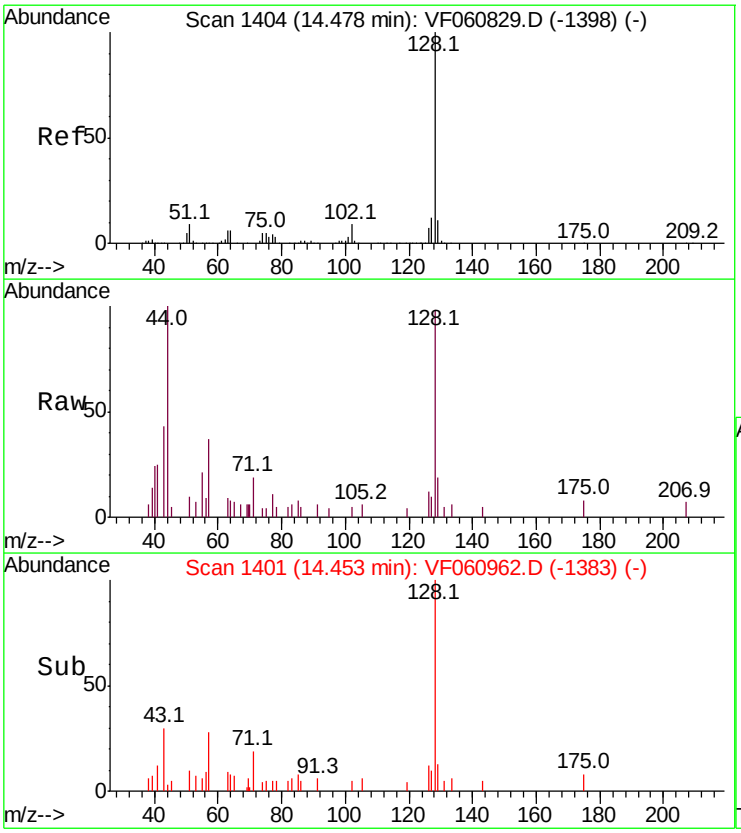
#93
1,2,4-Trichlorobenzene
Concen: 2.189 ug/l
RT: 14.20 min Scan# 1375
Delta R.T. -0.03 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:180 Resp: 6436

Ion	Ratio	Lower	Upper
180	100		
182	92.6	48.5	145.5
145	32.9	18.1	54.3





#95
Naphthalene
Concen: Below Cal
RT: 14.45 min Scan# 1401
Delta R.T. -0.02 min
Lab File: VF060962.D
Acq: 10 Dec 2018 19:18

Tgt Ion:128 Resp: 3630

Ion	Ratio	Lower	Upper
128	100		
127	10.1	9.9	14.9
129	19.6	9.1	13.7#