Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF020719\
Data File : VF061554.D
Acq On : 7 Feb 2019 19:37
Operator : VA/AP
Sample : K1404-05
Misc : 5.04g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : DUP-02-06-19

Quant Time: Feb 09 04:37:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	154437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	295612	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	273667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	153359	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	112722	59.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 118.24%			
35) Dibromofluoromethane	4.11	113	118388	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.50%			
50) Toluene-d8	7.56	98	301514	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.36%			
62) 4-Bromofluorobenzene	11.41	95	145219	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.26%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.56	59	265	3.283	ug/l #	64
13) Acrolein	1.93	56	469	16.804	ug/l	88
14) Allyl chloride	2.10	41	524	Below Cal	#	74
15) Acrylonitrile	2.94	53	1461	7.067	ug/l #	84
16) Acetone	2.24	43	3050	7.974	ug/l #	91
18) Methyl Acetate	2.38	43	3875	5.108	ug/l #	61
23) Vinyl Acetate	3.19	43	1998	4.111	ug/l #	78
25) 2-Butanone	4.33	43	2988	4.697	ug/l #	89
29) Tetrahydrofuran	4.07	42	1793	6.546	ug/l	97
43) Isopropyl Acetate	6.96	43	2311	1.344	ug/l #	51
49) 1,4-Dioxane	6.53	88	115	Below Cal	#	19
51) 4-Methyl-2-Pentanone	8.26	43	5273	4.171	ug/l	89
58) 2-Chloroethyl Vinyl ether	7.29	63	733	31.267	ug/l #	89
59) 2-Hexanone	9.50	43	5923	6.719	ug/l	83
74) N-amyl acetate	11.37	43	4101	1.390	ug/l #	83
81) trans-1,4-Dichloro-2-buten	11.88	75	772	1.112	ug/l #	45
95) Naphthalene	14.45	128	11477	1.750	ug/l #	93

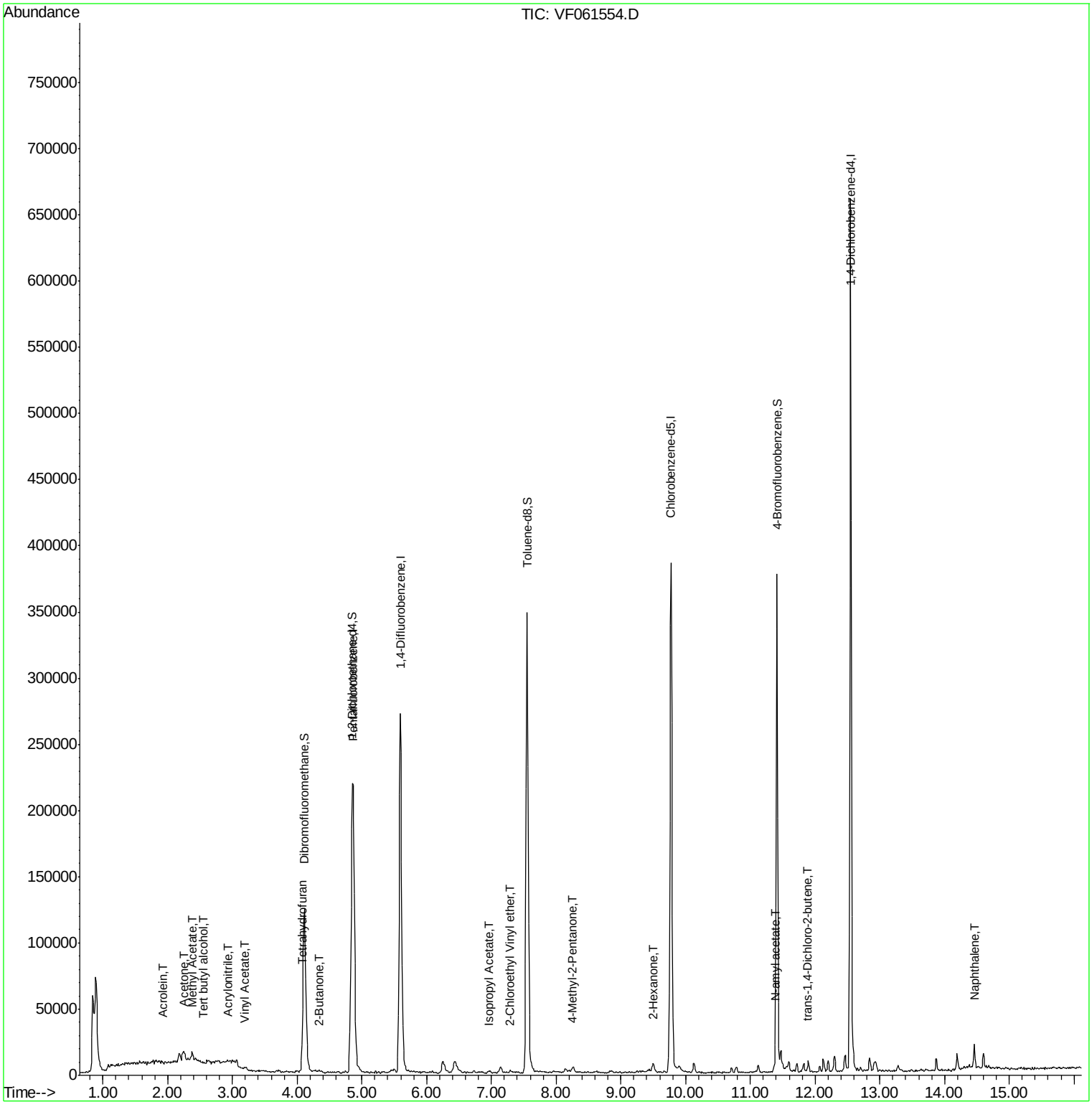
(#) = qualifier out of range (m) = manual integration (+) = signals summed

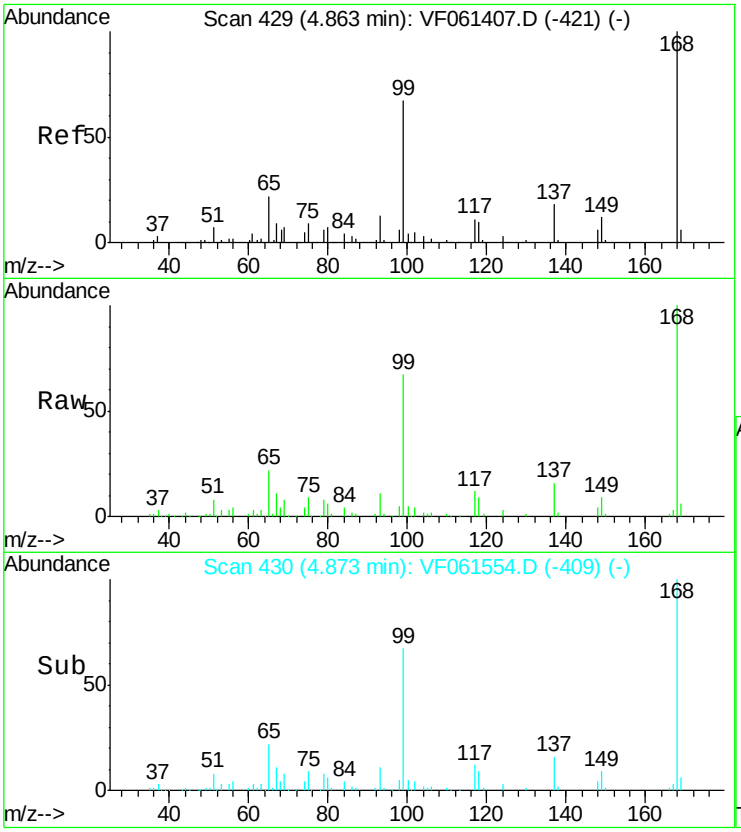
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF020719\
Data File : VF061554.D
Acq On : 7 Feb 2019 19:37
Operator : VA/AP
Sample : K1404-05
Misc : 5.04g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
DUP-02-06-19

Quant Time: Feb 09 04:37:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration



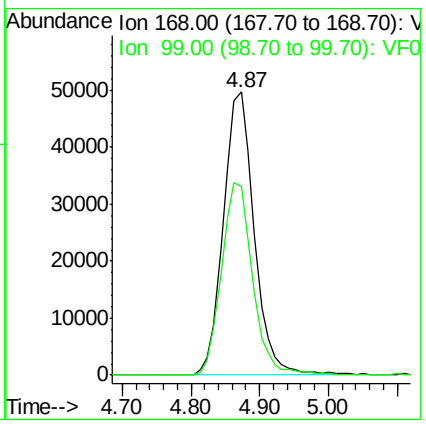


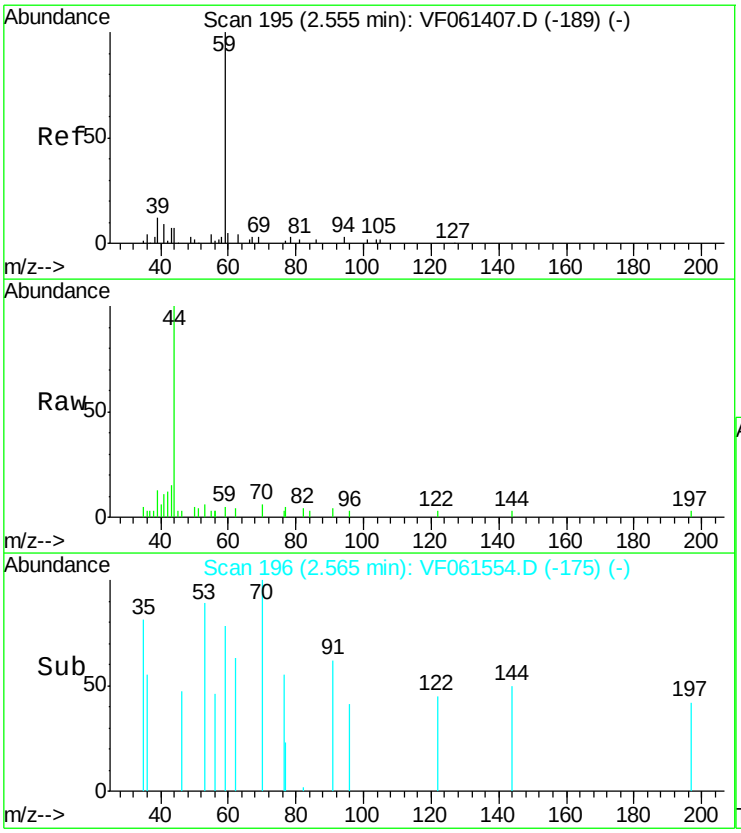
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.01 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Instrument :
MSVOA_F
ClientSampleId :
DUP-02-06-19

Tgt Ion:168 Resp: 154437

Ion	Ratio	Lower	Upper
168	100		
99	66.8	53.5	80.3

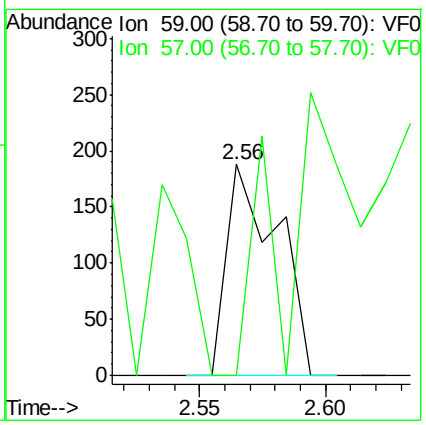


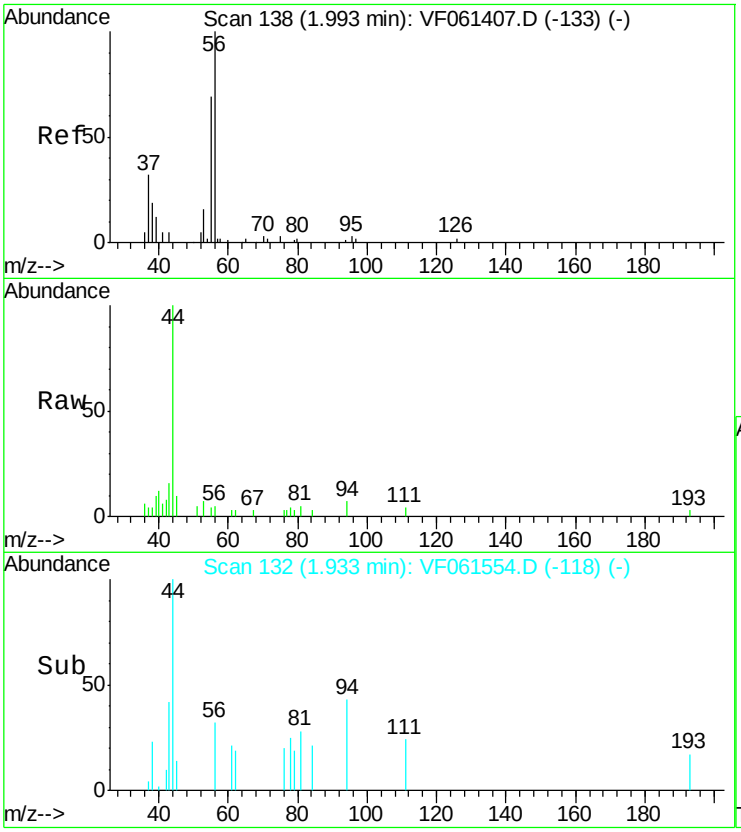


#11
Tert butyl alcohol
Concen: 3.283 ug/l
RT: 2.56 min Scan# 196
Delta R.T. 0.01 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Tgt Ion: 59 Resp: 265

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.9	17.9#



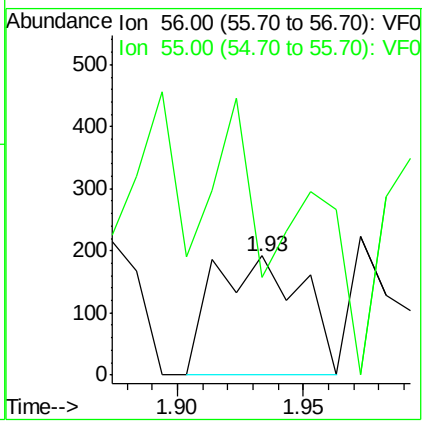


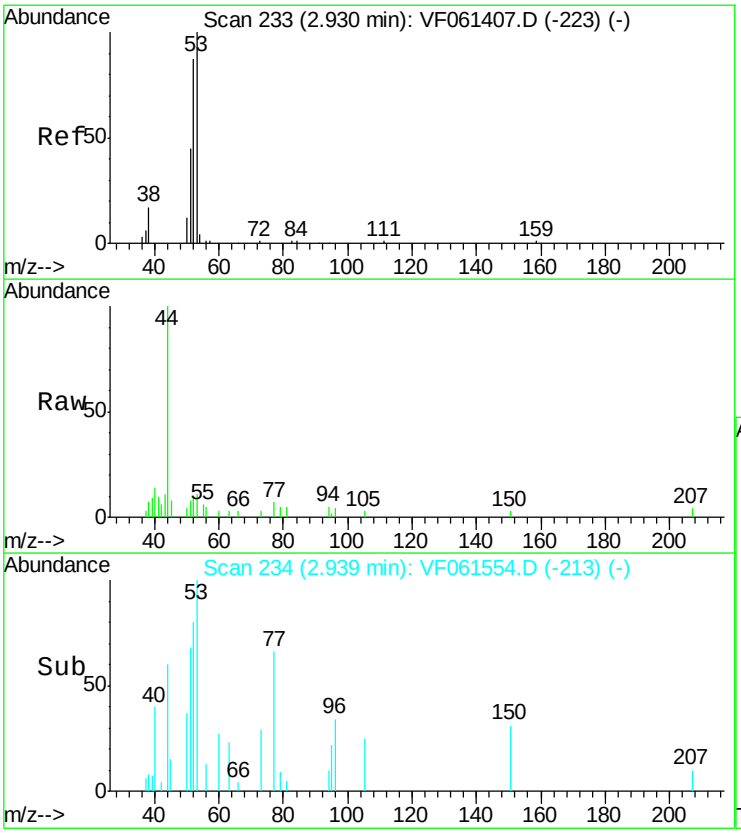
#13
Acrolein
Concen: 16.804 ug/l
RT: 1.93 min Scan# 132
Delta R.T. -0.06 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Instrument :
MSVOA_F
ClientSampleId :
DUP-02-06-19

Tgt Ion: 56 Resp: 469

Ion	Ratio	Lower	Upper
56	100		
55	81.8	57.5	86.3

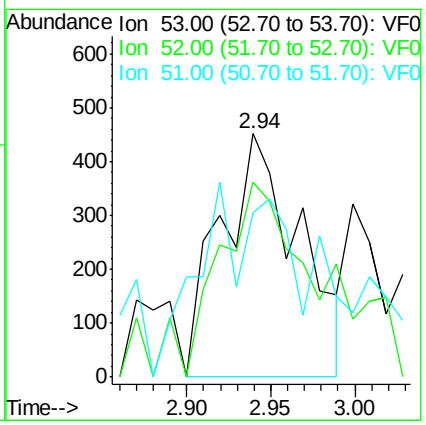


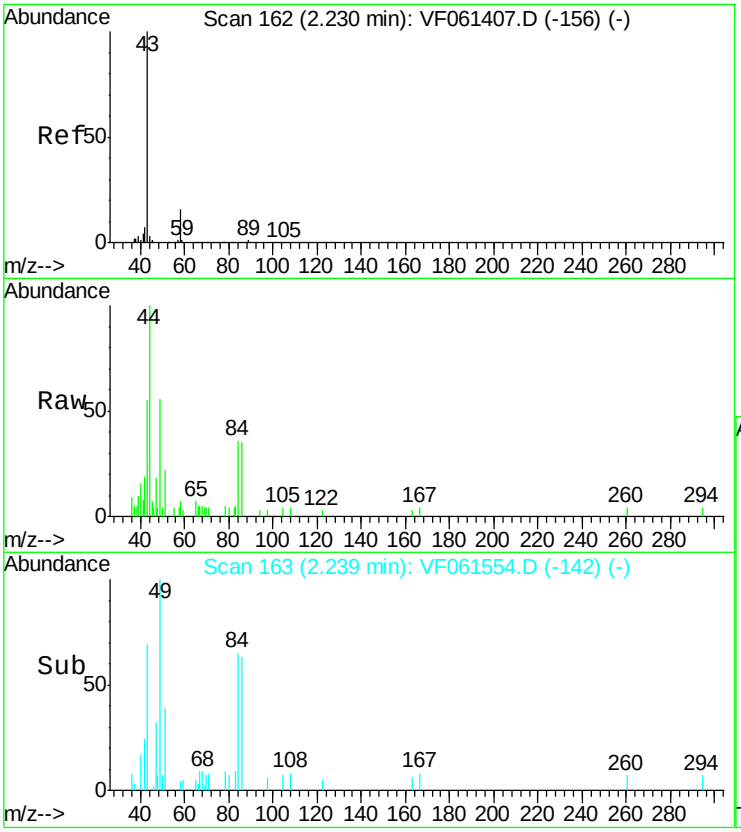


#15
Acrylonitrile
Concen: 7.067 ug/l
RT: 2.94 min Scan# 234
Delta R.T. 0.01 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Tgt Ion: 53 Resp: 1461

Ion	Ratio	Lower	Upper
53	100		
52	80.3	69.6	104.4
51	67.7	36.8	55.2#



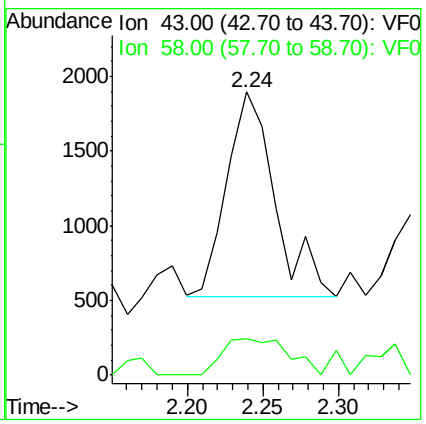


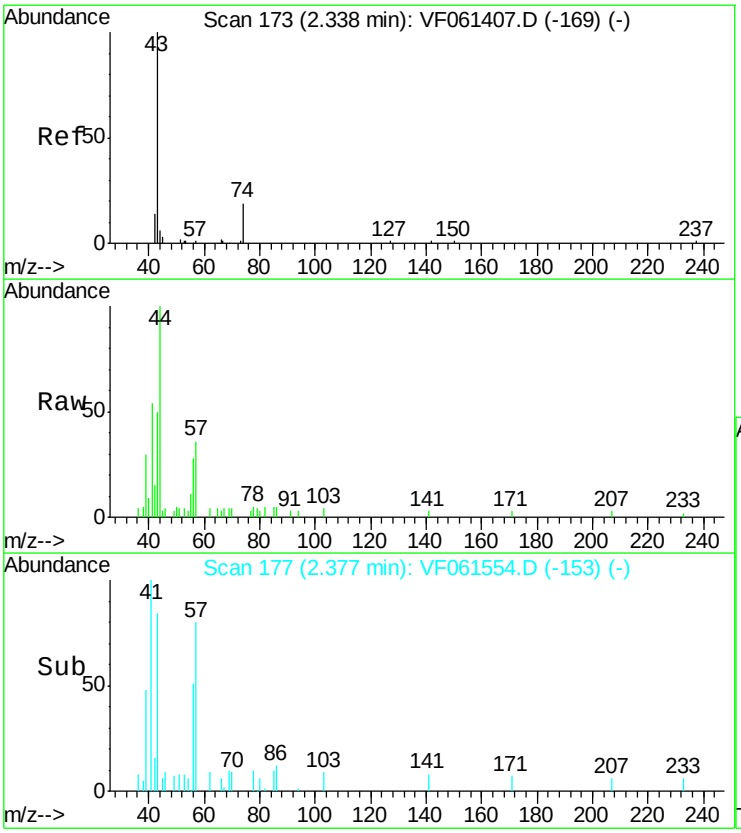
#16
Acetone
Concen: 7.974 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.01 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Instrument :
MSVOA_F
ClientSampleId :
DUP-02-06-19

Tgt Ion: 43 Resp: 3050

Ion	Ratio	Lower	Upper
43	100		
58	12.7	13.3	19.9#

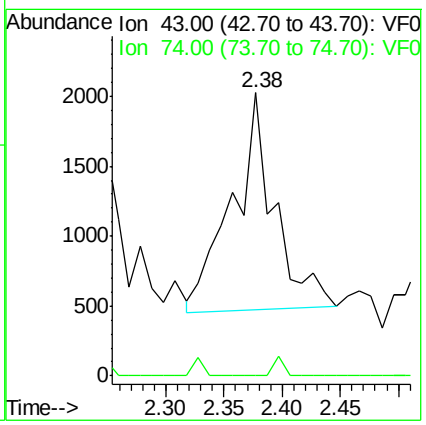


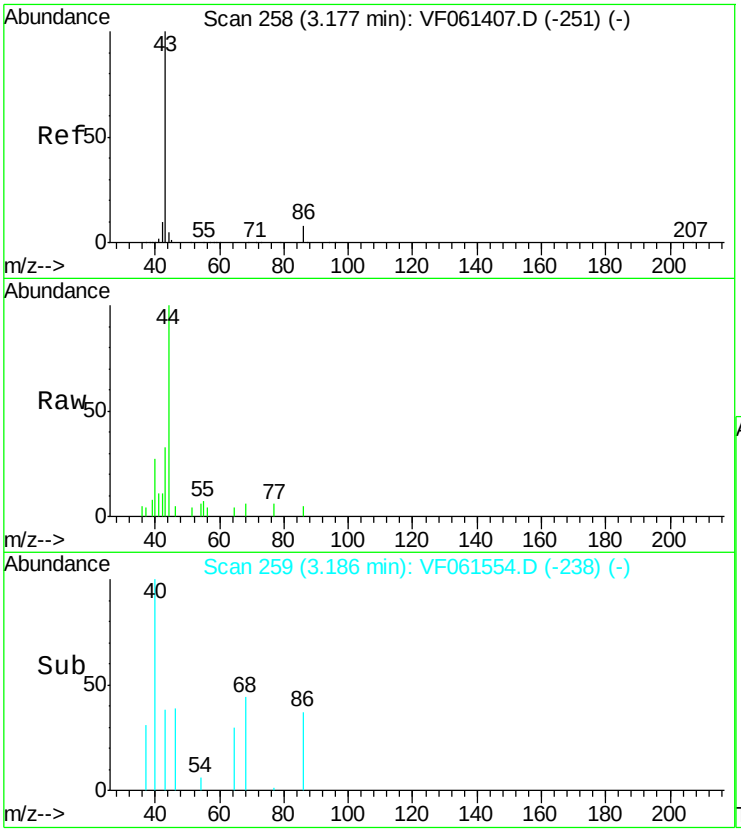


#18
Methyl Acetate
Concen: 5.108 ug/l
RT: 2.38 min Scan# 177
Delta R.T. 0.04 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Tgt Ion: 43 Resp: 3875

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.4	20.0#



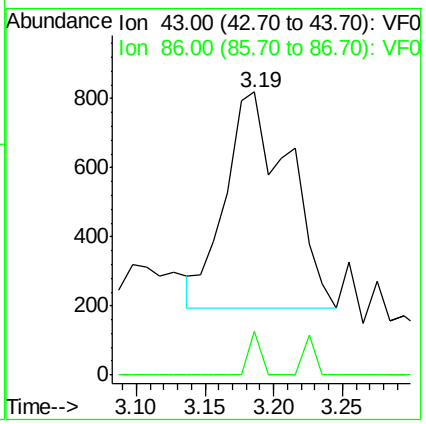


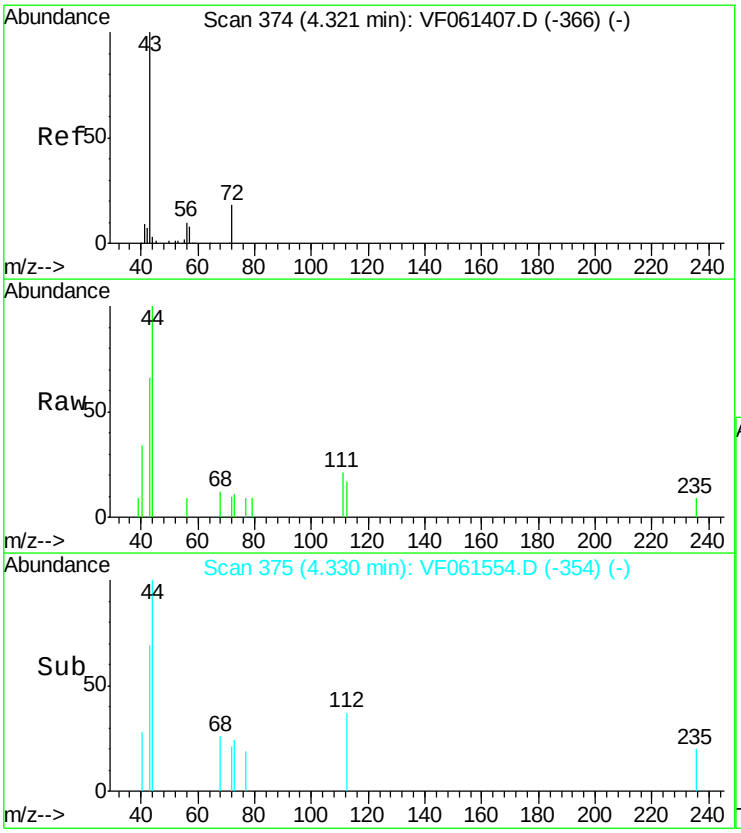
#23
Vinyl Acetate
Concen: 4.111 ug/l
RT: 3.19 min Scan# 259
Delta R.T. 0.01 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Instrument : MSVOA_F
ClientSampleId : DUP-02-06-19

Tgt Ion: 43 Resp: 1998

Ion	Ratio	Lower	Upper
43	100		
86	15.5	6.2	9.4#

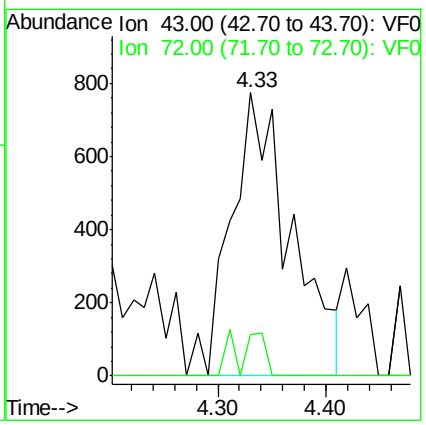


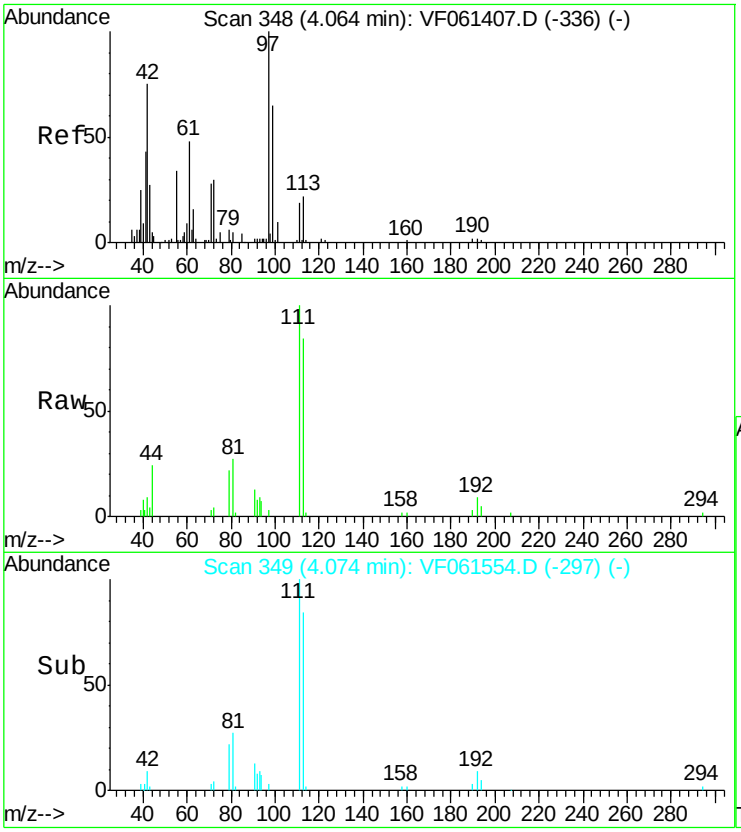


#25
2-Butanone
Concen: 4.697 ug/l
RT: 4.33 min Scan# 375
Delta R.T. 0.01 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Tgt Ion: 43 Resp: 2988

Ion	Ratio	Lower	Upper
43	100		
72	14.5	15.8	23.6#



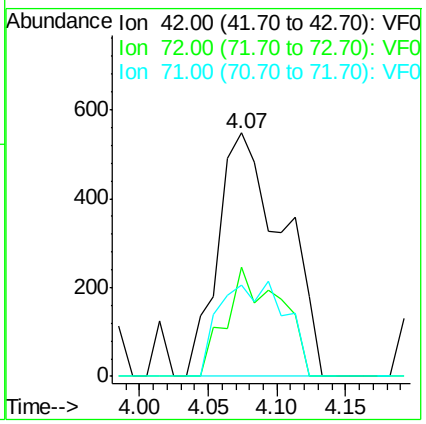


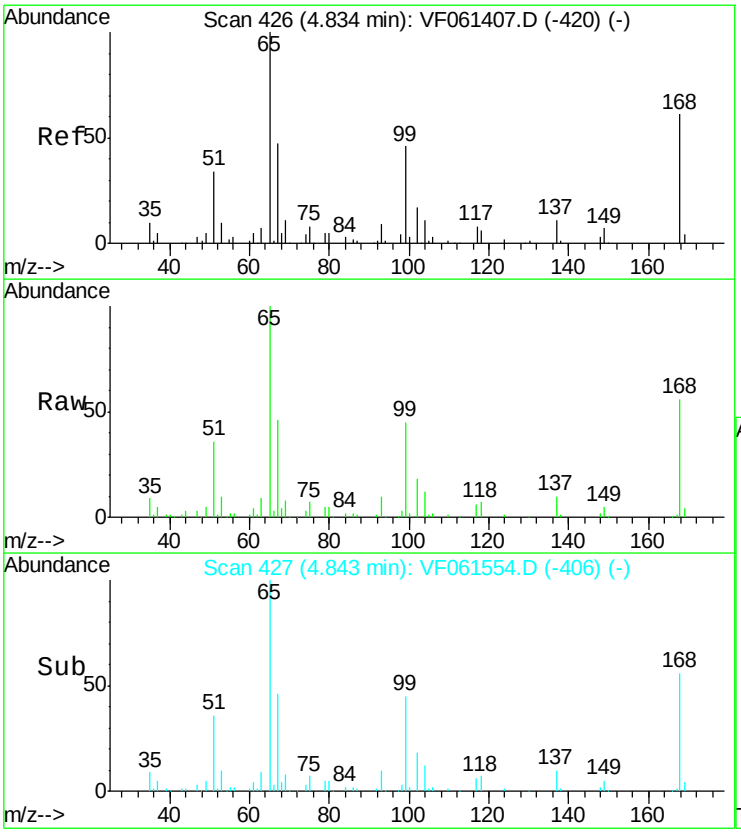
#29
Tetrahydrofuran
Concen: 6.546 ug/l
RT: 4.07 min Scan# 349
Delta R.T. 0.01 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Instrument :
MSVOA_F
ClientSampleId :
DUP-02-06-19

Tgt Ion: 42 Resp: 1793

Ion	Ratio	Lower	Upper
42	100		
72	37.5	28.9	43.3
71	39.3	29.6	44.4

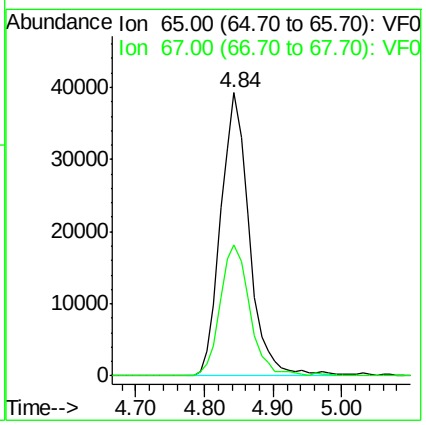


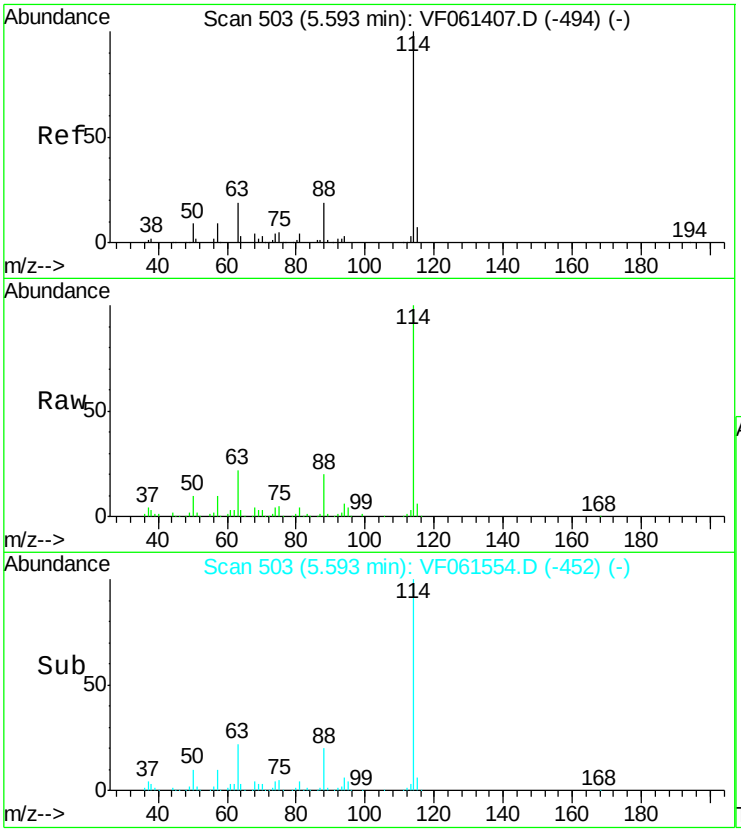


#33
1,2-Dichloroethane-d4
Concen: 59.118 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.01 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Tgt Ion: 65 Resp: 112722

Ion	Ratio	Lower	Upper
65	100		
67	46.2	0.0	99.8



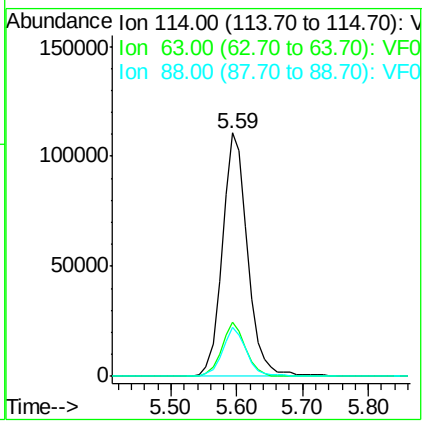


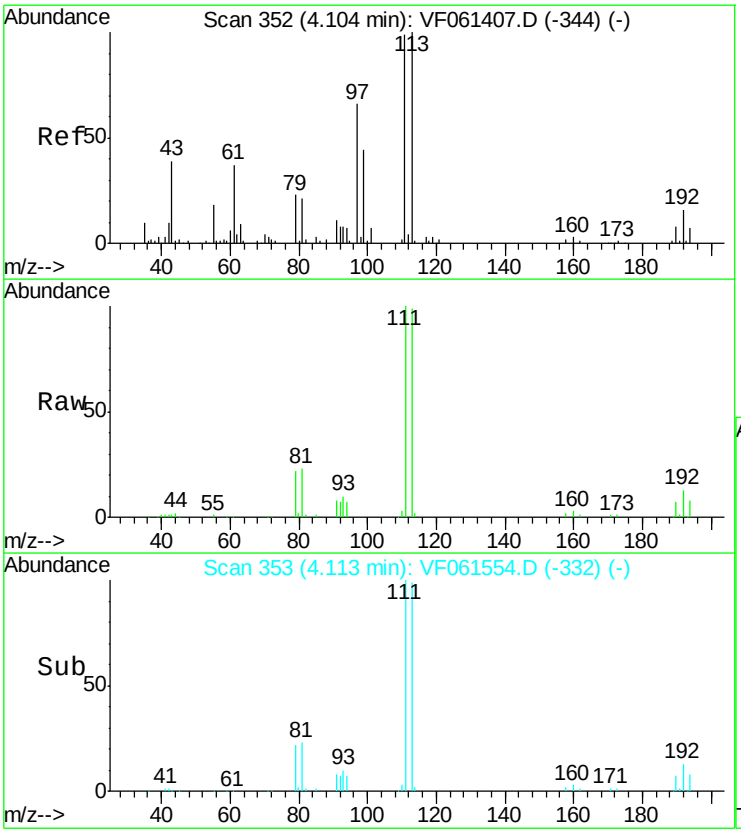
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.00 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Instrument :
MSVOA_F
ClientSampleId :
DUP-02-06-19

Tgt Ion:114 Resp: 295612

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	39.0
88	20.1	0.0	37.4

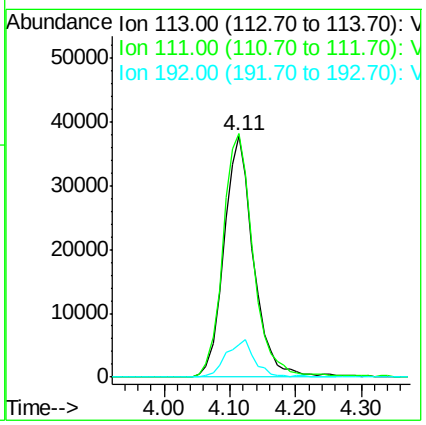


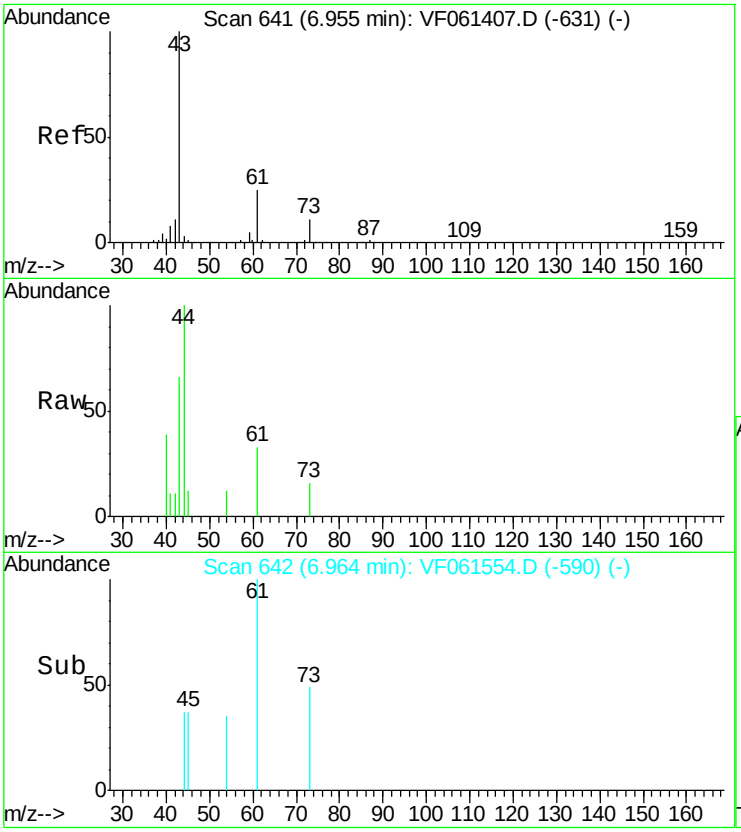


#35
Dibromofluoromethane
Concen: 50.753 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.01 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Tgt Ion:113 Resp: 118388

Ion	Ratio	Lower	Upper
113	100		
111	101.0	79.4	119.0
192	13.3	12.4	18.6



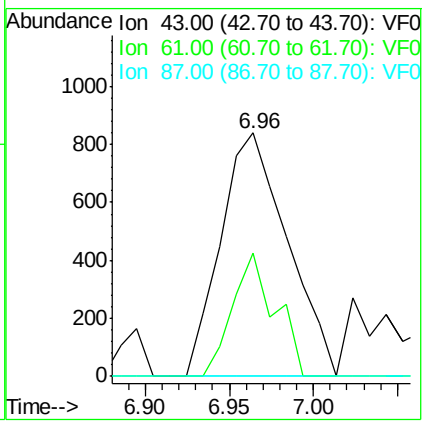


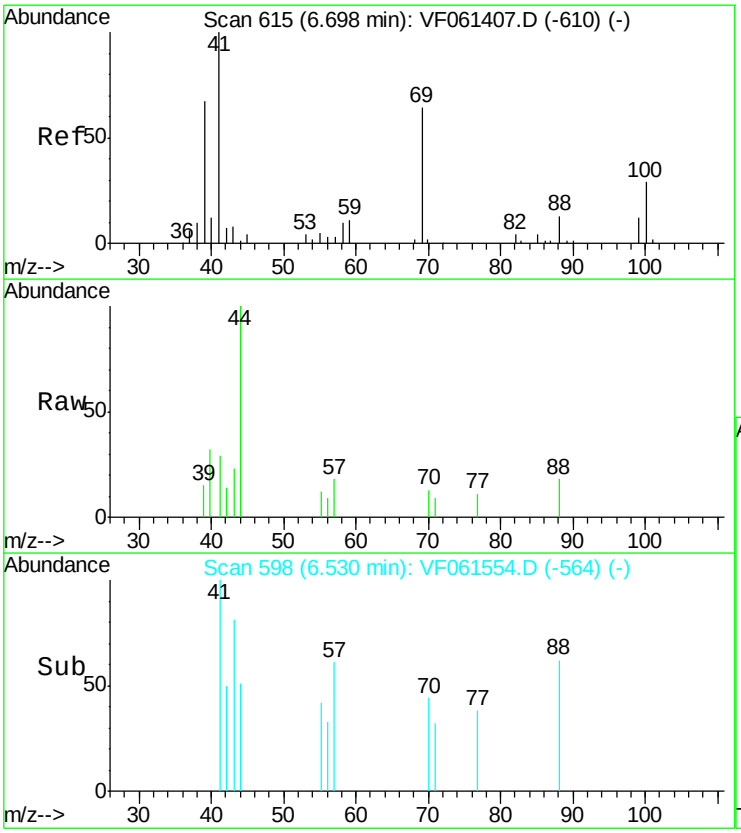
#43
Isopropyl Acetate
Concen: 1.344 ug/l
RT: 6.96 min Scan# 642
Delta R.T. 0.01 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Instrument : MSVOA_F
ClientSampleId : DUP-02-06-19

Tgt Ion: 43 Resp: 2311

Ion	Ratio	Lower	Upper
43	100		
61	50.5	20.3	30.5#
87	0.0	0.5	0.7#

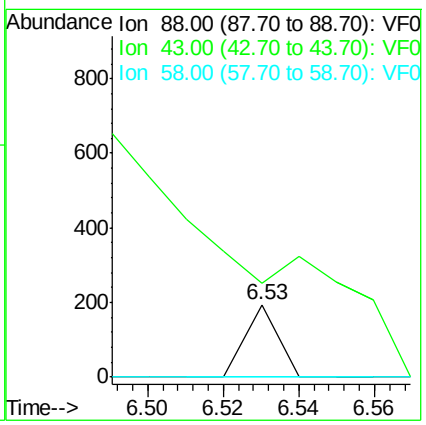


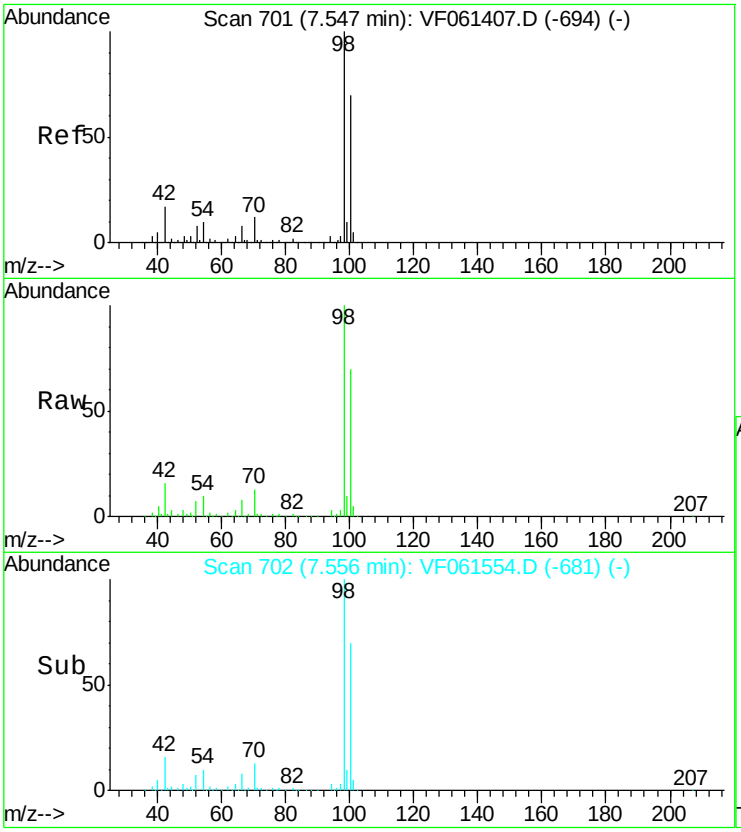


#49
1,4-Dioxane
Concen: Below Cal
RT: 6.53 min Scan# 598
Delta R.T. -0.17 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Tgt Ion: 88 Resp: 115

Ion	Ratio	Lower	Upper
88	100		
43	129.9	55.5	83.3#
58	0.0	59.9	89.9#



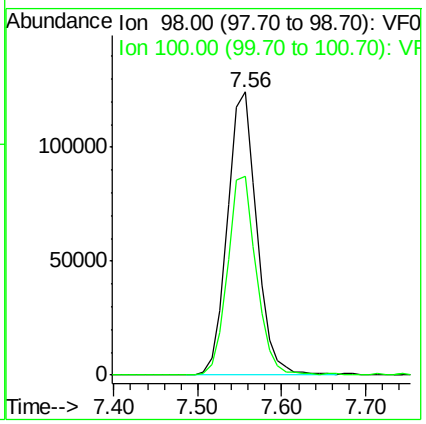


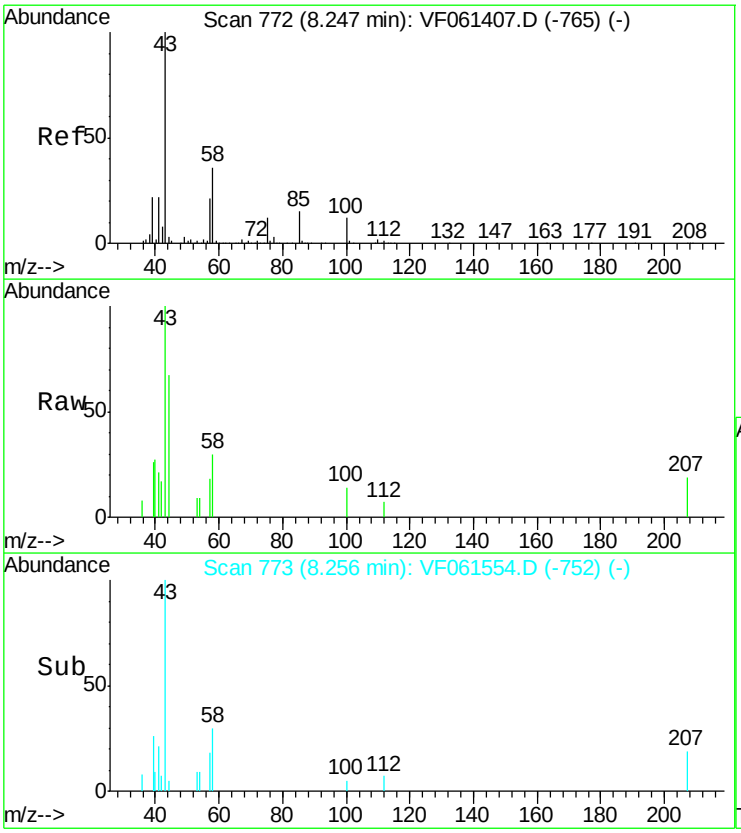
#50
Toluene-d8
Concen: 47.178 ug/l
RT: 7.56 min Scan# 702
Delta R.T. 0.01 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Instrument :
MSVOA_F
ClientSampleId :
DUP-02-06-19

Tgt Ion: 98 Resp: 301514

Ion	Ratio	Lower	Upper
98	100		
100	70.3	55.6	83.4

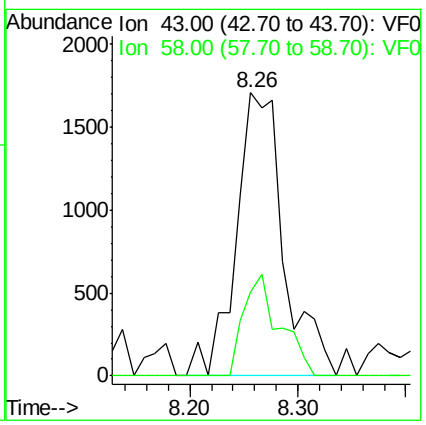


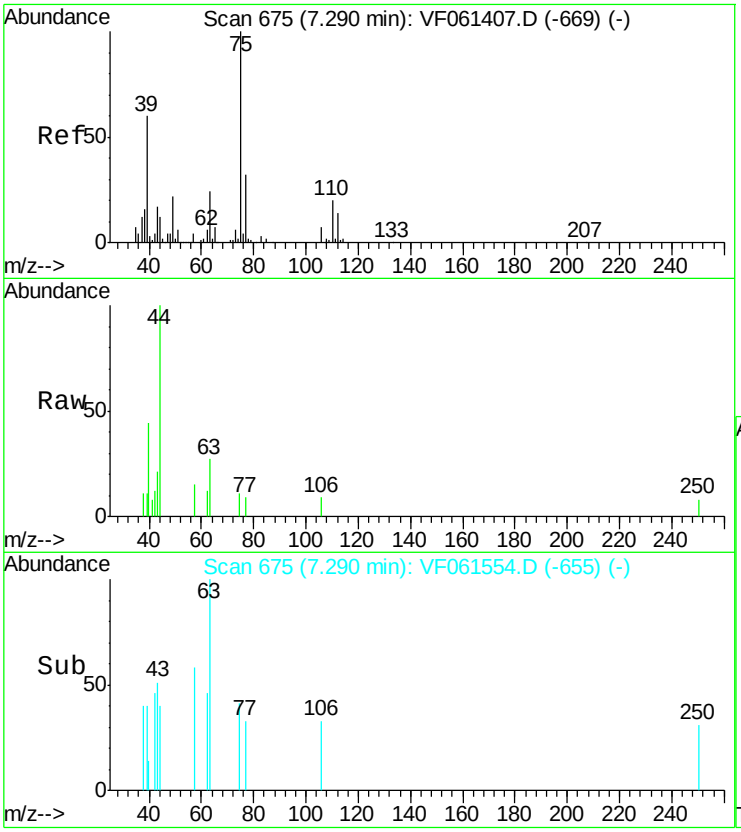


#51
4-Methyl-2-Pentanone
Concen: 4.171 ug/l
RT: 8.26 min Scan# 773
Delta R.T. 0.01 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Tgt Ion: 43 Resp: 5273

Ion	Ratio	Lower	Upper
43	100		
58	29.8	28.8	43.2



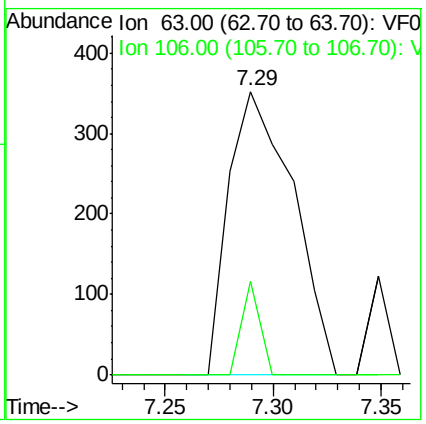


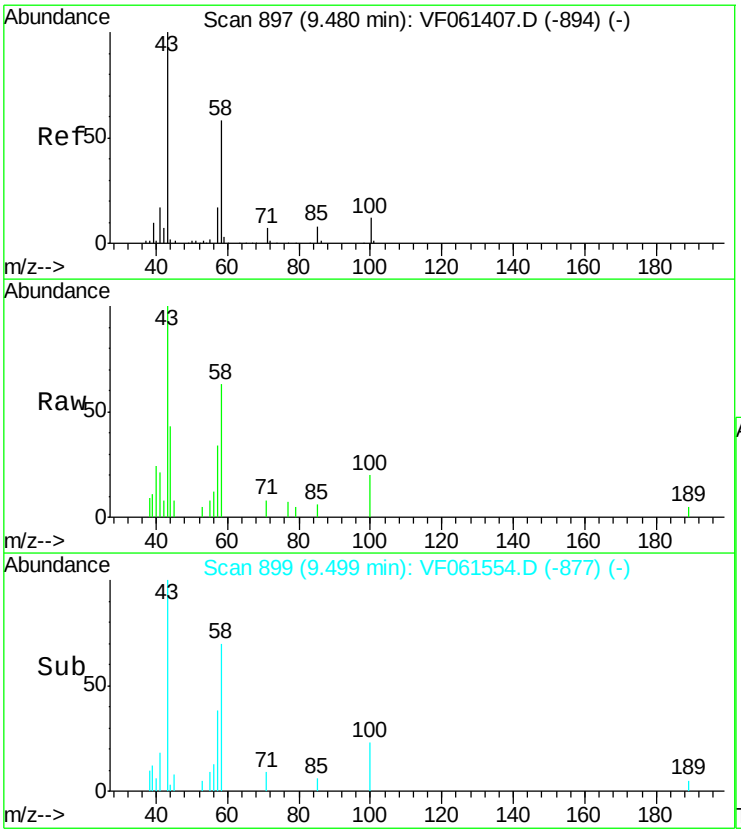
#58
2-Chloroethyl Vinyl ether
Concen: 31.267 ug/l
RT: 7.29 min Scan# 675
Delta R.T. -0.00 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Instrument : MSVOA_F
ClientSampleId : DUP-02-06-19

Tgt Ion: 63 Resp: 733

Ion	Ratio	Lower	Upper
63	100		
106	33.0	21.9	32.9#

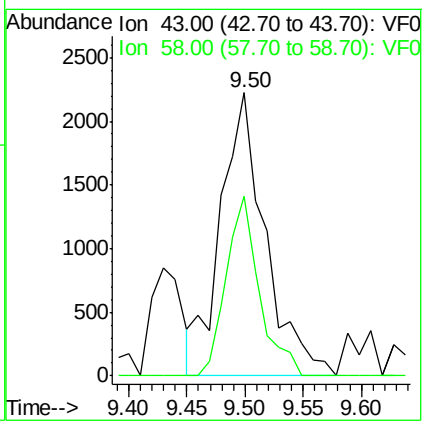


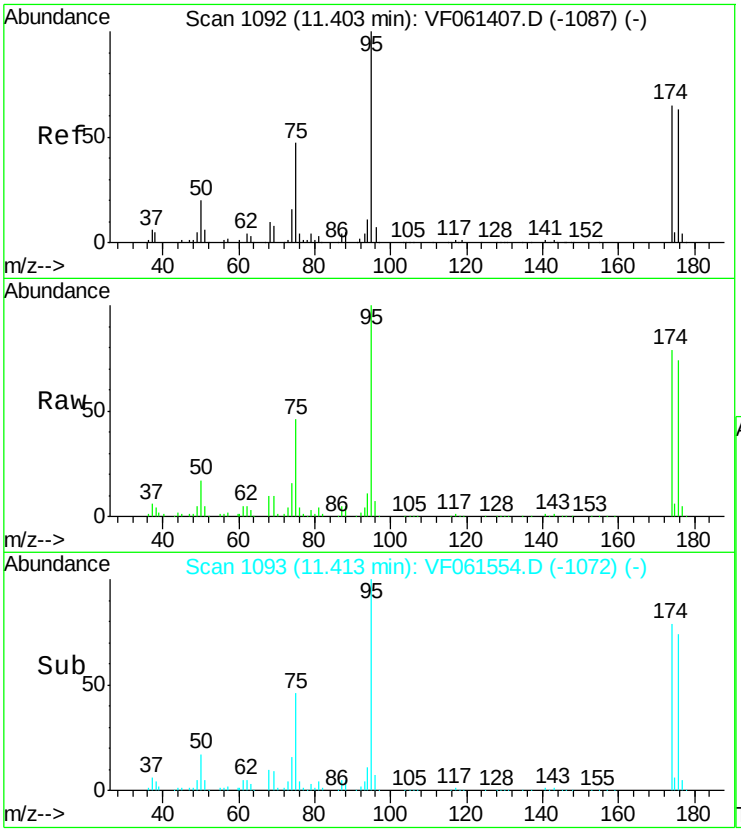


#59
2-Hexanone
Concen: 6.719 ug/l
RT: 9.50 min Scan# 899
Delta R.T. 0.02 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Tgt Ion: 43 Resp: 5923

Ion	Ratio	Lower	Upper
43	100		
58	63.4	25.9	77.6



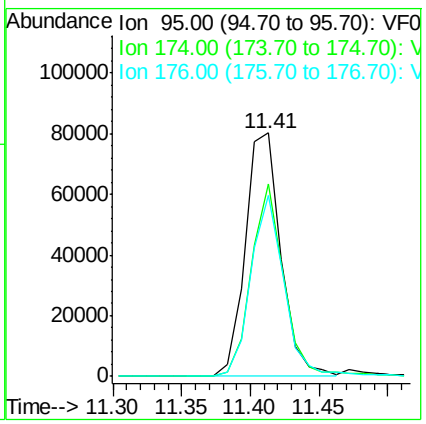


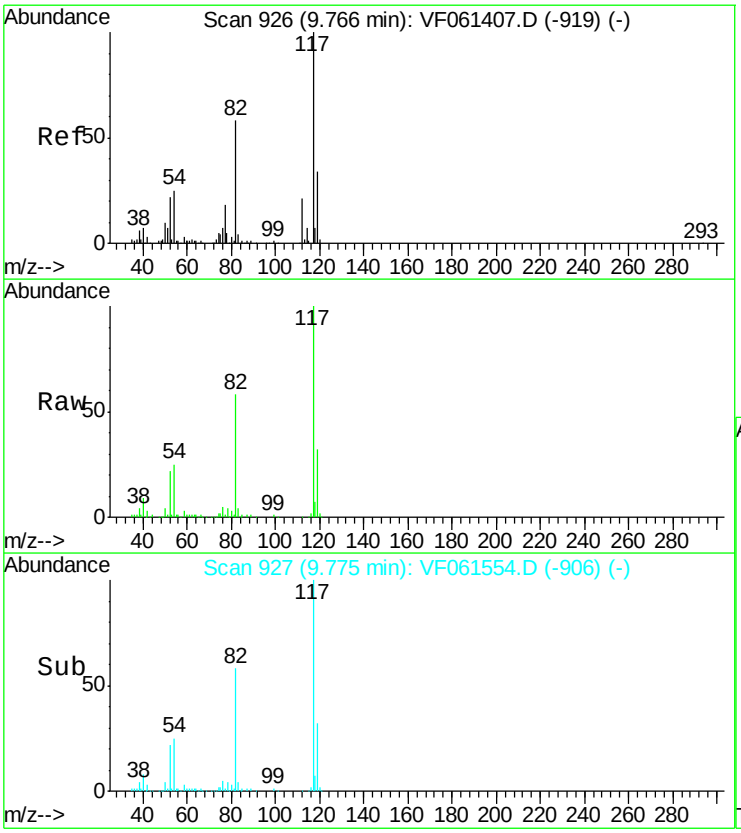
#62
4-Bromofluorobenzene
Concen: 48.632 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Instrument :
MSVOA_F
ClientSampleId :
DUP-02-06-19

Tgt Ion: 95 Resp: 145219

Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	130.4
176	74.2	0.0	126.2

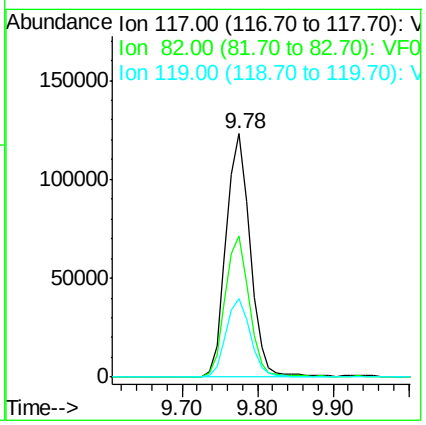


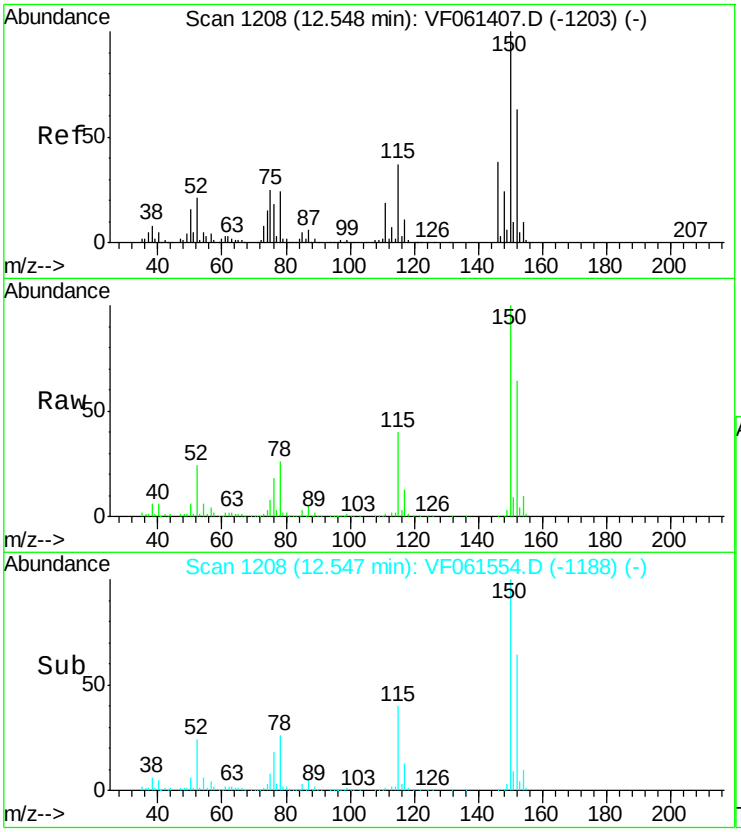


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Tgt Ion:117 Resp: 273667

Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.4	69.6
119	32.4	27.2	40.8



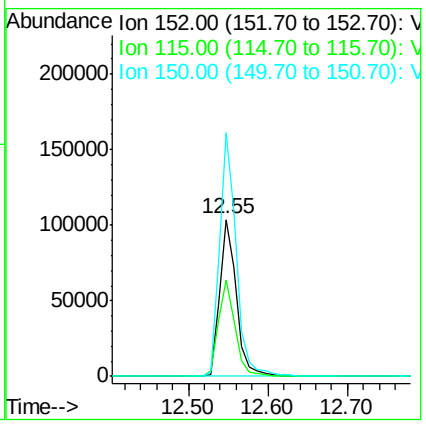


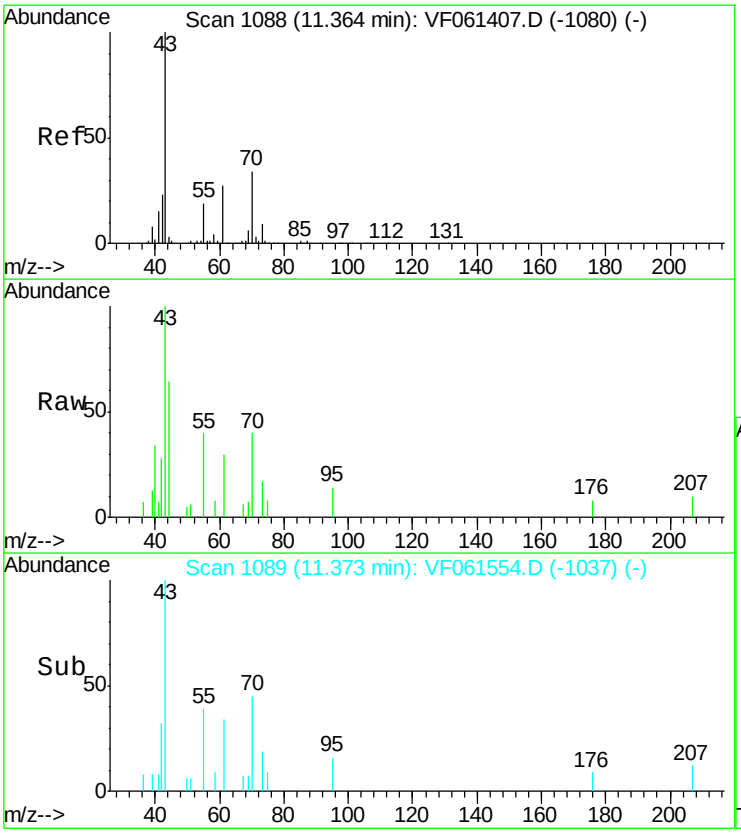
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Instrument :
MSVOA_F
ClientSampleId :
DUP-02-06-19

Tgt Ion:152 Resp: 153359

Ion	Ratio	Lower	Upper
152	100		
115	61.6	30.0	90.0
150	155.4	0.0	321.4

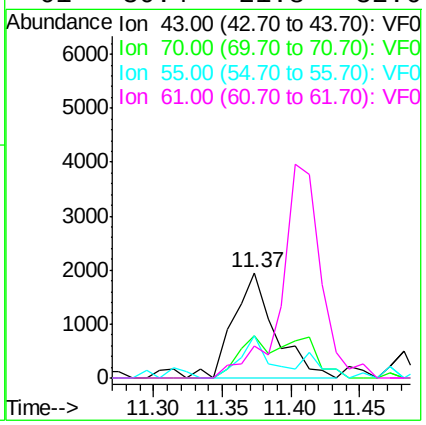


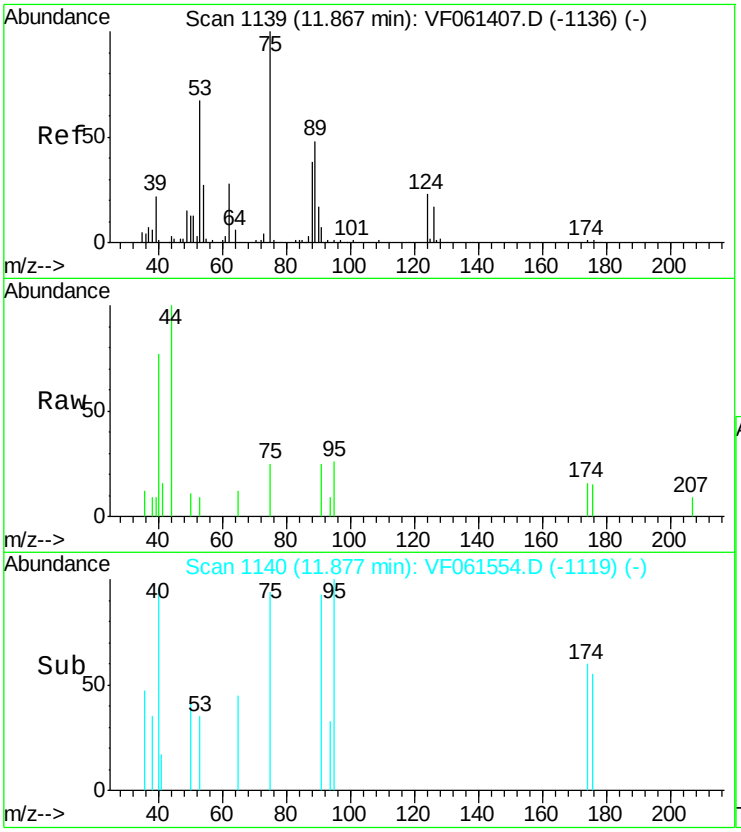


#74
N-amyl acetate
Concen: 1.390 ug/l
RT: 11.37 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Tgt Ion: 43 Resp: 4101

Ion	Ratio	Lower	Upper
43	100		
70	40.4	27.6	41.4
55	40.2	15.4	23.2#
61	30.4	21.8	32.6



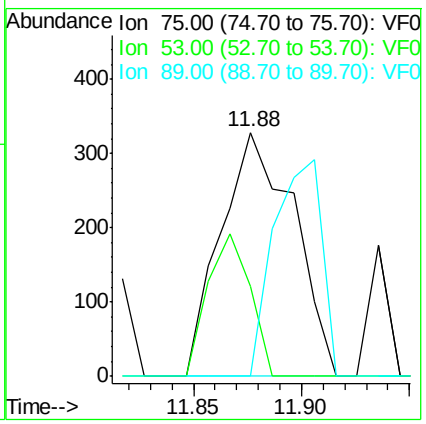


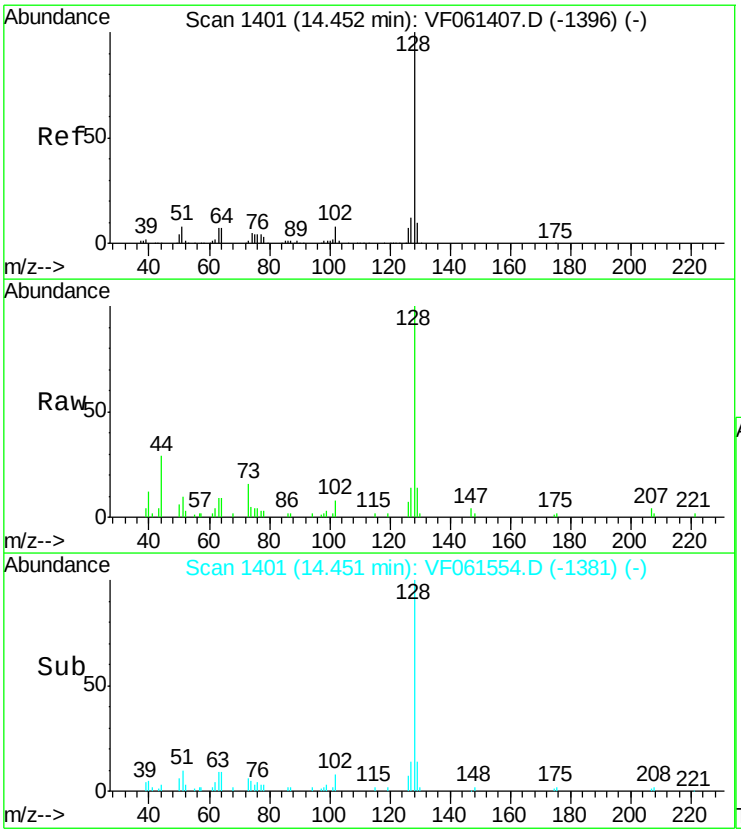
#81
trans-1,4-Dichloro-2-butene
Concen: 1.112 ug/l
RT: 11.88 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Instrument :
MSVOA_F
ClientSampleId :
DUP-02-06-19

Tgt Ion: 75 Resp: 772

Ion	Ratio	Lower	Upper
75	100		
53	36.9	57.8	86.6#
89	0.0	40.7	61.1#





#95
Naphthalene
Concen: 1.750 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.00 min
Lab File: VF061554.D
Acq: 7 Feb 2019 19:37

Tgt Ion:128 Resp: 11477

Ion	Ratio	Lower	Upper
128	100		
127	13.9	9.5	14.3
129	14.2	8.4	12.6#