Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF010719\
Data File : VF061276.D
Acq On : 7 Jan 2019 13:45
Operator : VA/AP
Sample : K1010-01
Misc : 6.45g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OK-03-010419

Quant Time: Jan 08 00:14:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010319S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 03:27:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	205628	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.57	114	362755	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	293506	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.53	152	126708	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	128777	49.34	ug/l	-0.03
Spiked Amount 50.000			Recovery = 98.68%			
35) Dibromofluoromethane	4.09	113	139296	49.91	ug/l	-0.03
Spiked Amount 50.000			Recovery = 99.82%			
50) Toluene-d8	7.53	98	339548	41.00	ug/l	-0.03
Spiked Amount 50.000			Recovery = 82.00%			
62) 4-Bromofluorobenzene	11.39	95	146331	39.88	ug/l	-0.02
Spiked Amount 50.000			Recovery = 79.76%			
Target Compounds						Qvalue
8) Diethyl Ether	1.62	74	1147	1.705	ug/l	80
11) Tert butyl alcohol	2.55	59	239	2.170	ug/l #	1
13) Acrolein	2.08	56	243	Below Cal		92
15) Acrylonitrile	2.93	53	1116	3.790	ug/l #	72
16) Acetone	2.23	43	15574	16.845	ug/l	94
20) Methylene Chloride	2.17	84	8029	Below Cal		92
25) 2-Butanone	4.33	43	3408	Below Cal	#	62
29) Tetrahydrofuran	4.06	42	1040	Below Cal	#	72
41) Methacrylonitrile	4.72	41	279	Below Cal	#	48
49) 1,4-Dioxane	7.02	88	62	6.071	ug/l #	1
51) 4-Methyl-2-Pentanone	8.25	43	5952	Below Cal	#	69
52) Toluene	7.59	92	6488	1.025	ug/l	100
56) Ethyl methacrylate	8.60	69	4898	2.434	ug/l	92
59) 2-Hexanone	9.47	43	3712	3.243	ug/l	90
68) m/p-Xylenes	10.11	106	6146	1.535	ug/l	97
74) N-amyl acetate	11.35	43	3270	1.203	ug/l #	77
89) n-Butylbenzene	12.83	91	3377	Below Cal	#	90
95) Naphthalene	14.44	128	22742	4.125	ug/l #	95

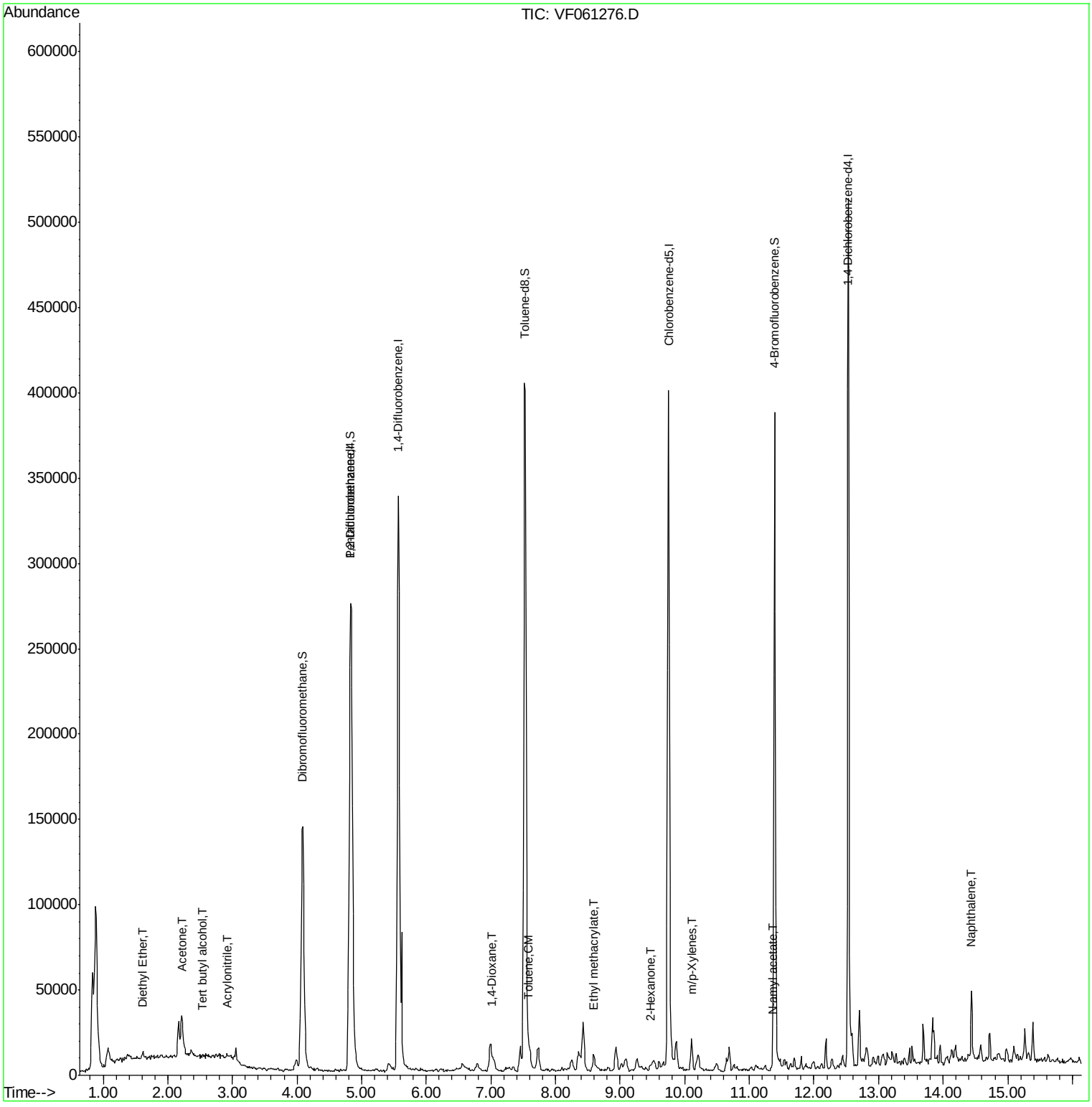
(#) = qualifier out of range (m) = manual integration (+) = signals summed

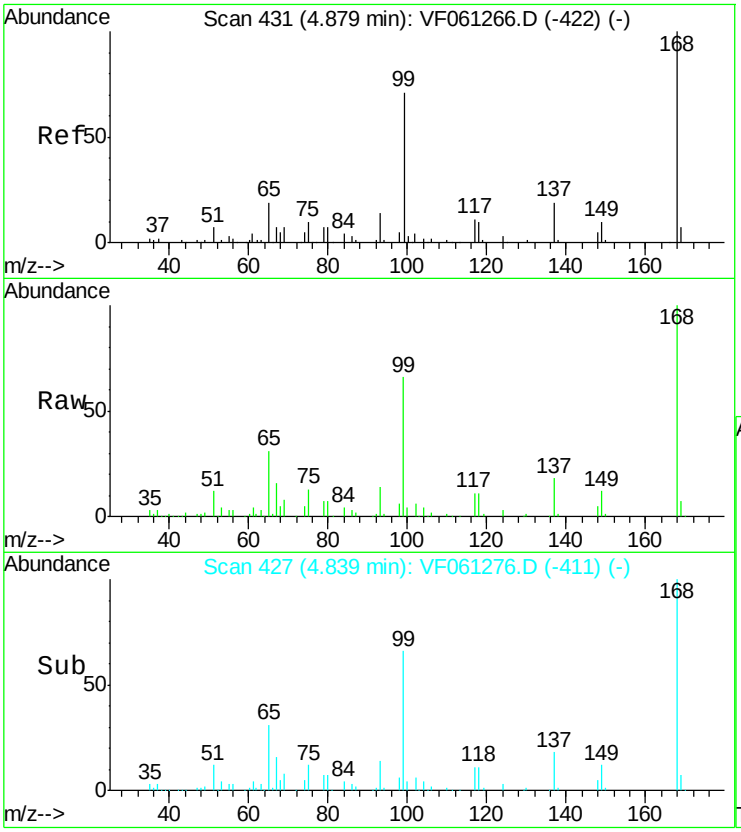
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010719\
Data File : VF061276.D
Acq On : 7 Jan 2019 13:45
Operator : VA/AP
Sample : K1010-01
Misc : 6.45g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OK-03-010419

Quant Time: Jan 08 00:14:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010319S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 03:27:18 2019
Response via : Initial Calibration



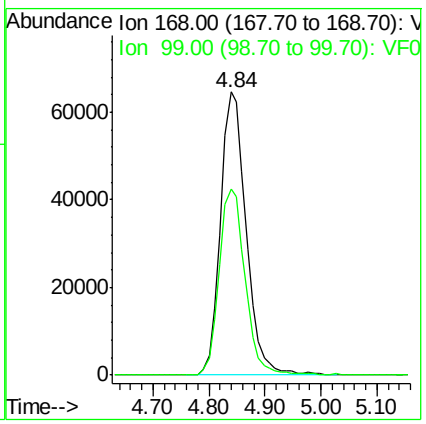


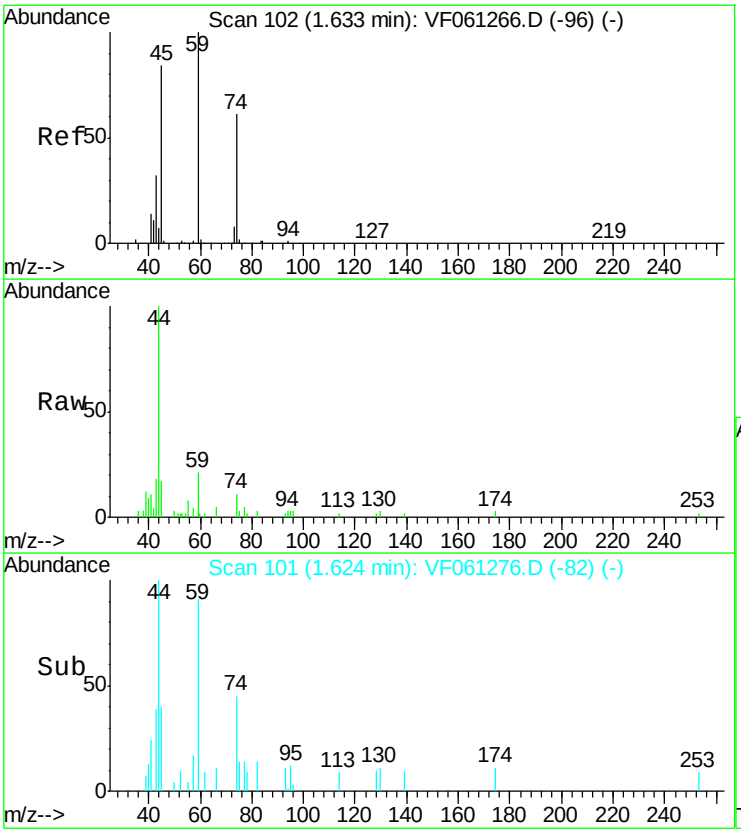
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Instrument : MSVOA_F
ClientSampleId : OK-03-010419

Tgt Ion:168 Resp: 205628

Ion	Ratio	Lower	Upper
168	100		
99	65.9	57.0	85.6

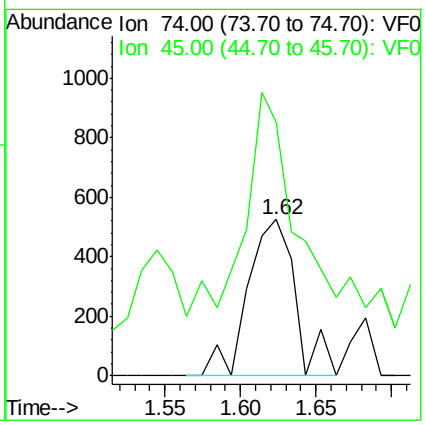


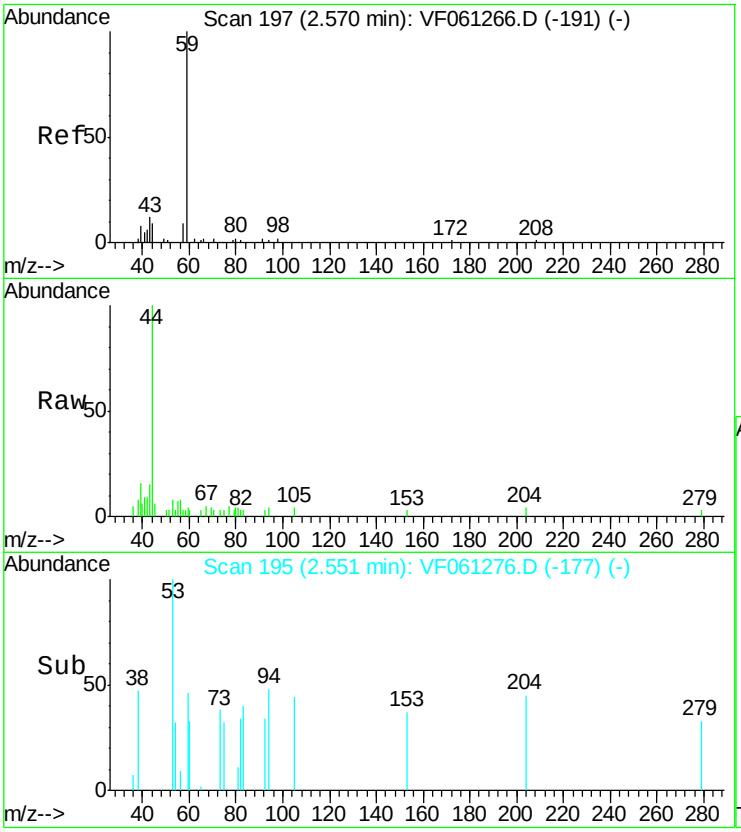


#8
Diethyl Ether
Concen: 1.705 ug/l
RT: 1.62 min Scan# 101
Delta R.T. -0.01 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Tgt Ion: 74 Resp: 1147

Ion	Ratio	Lower	Upper
74	100		
45	162.3	69.0	207.0



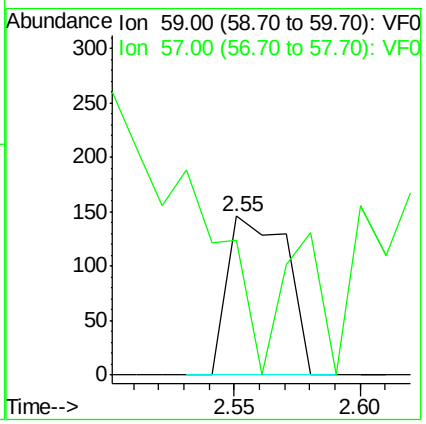


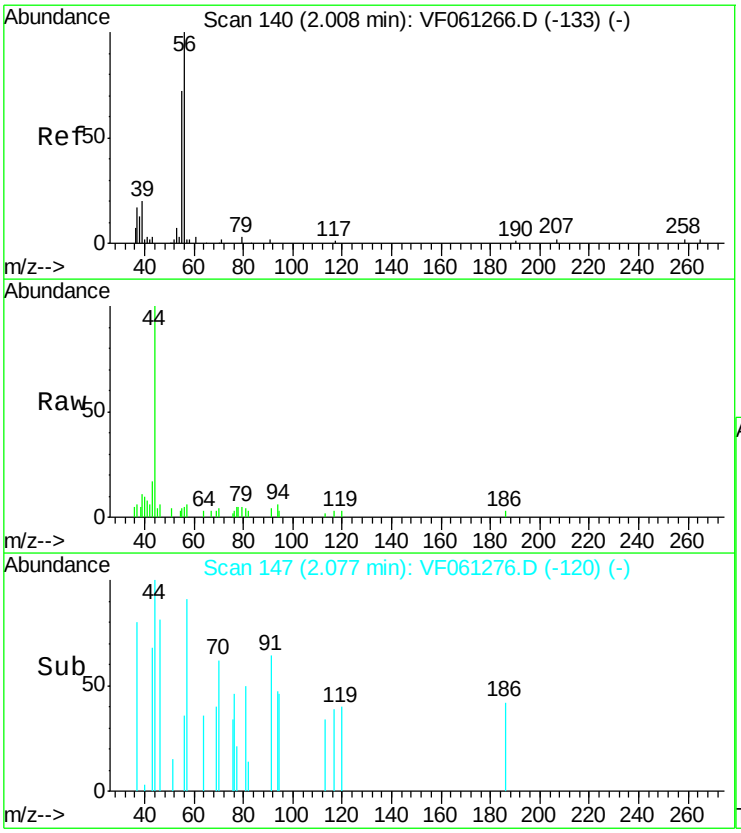
#11
Tert butyl alcohol
Concen: 2.170 ug/l
RT: 2.55 min Scan# 195
Delta R.T. -0.02 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Instrument :
MSVOA_F
ClientSampleId :
OK-03-010419

Tgt Ion: 59 Resp: 239

Ion	Ratio	Lower	Upper
59	100		
57	84.9	12.6	18.8#

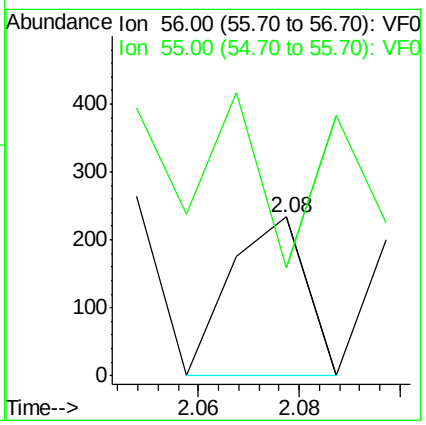


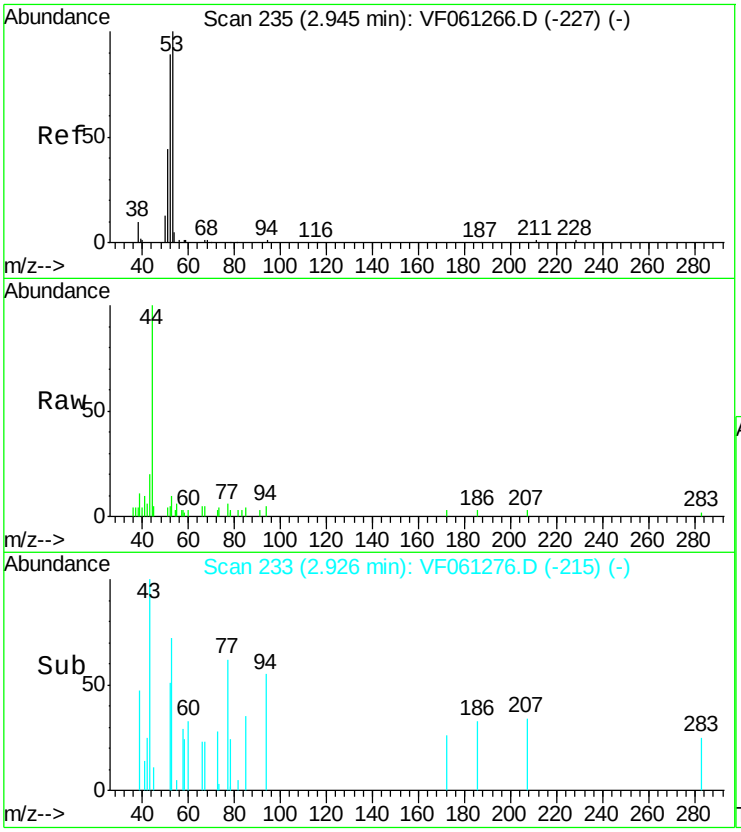


#13
Acrolein
Concen: Below Cal
RT: 2.08 min Scan# 147
Delta R.T. 0.07 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Tgt Ion: 56 Resp: 243

Ion	Ratio	Lower	Upper
56	100		
55	67.9	59.7	89.5



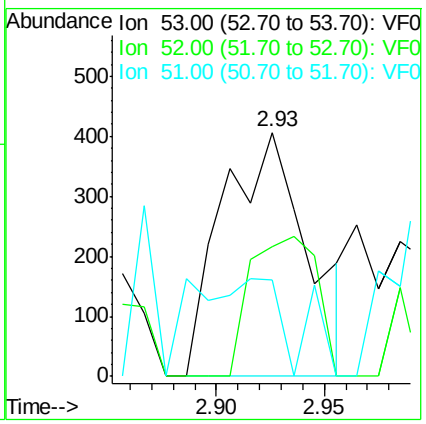


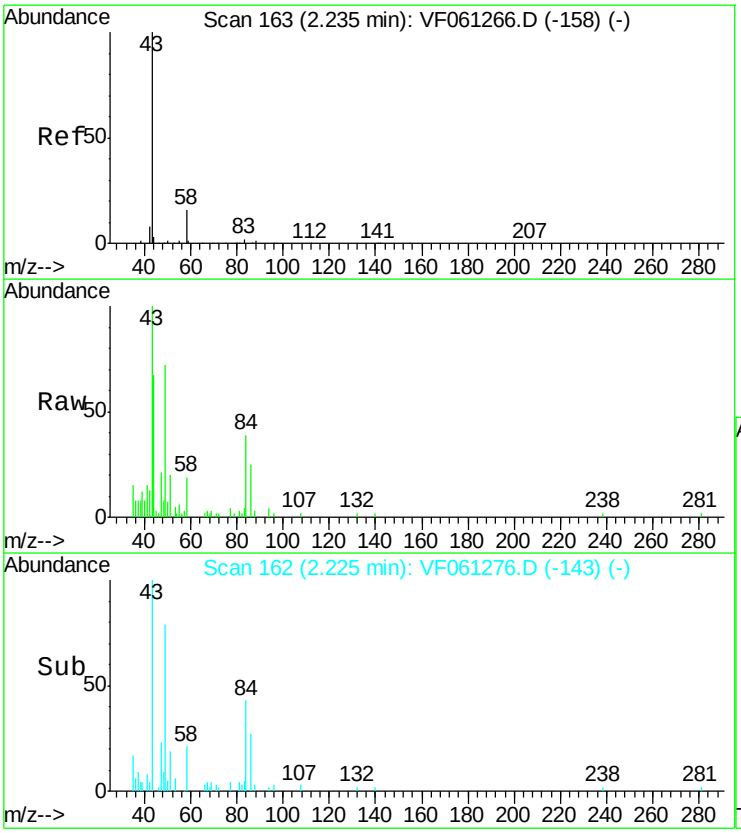
#15
Acrylonitrile
Concen: 3.790 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.02 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Instrument : MSVOA_F
ClientSampleId : OK-03-010419

Tgt Ion: 53 Resp: 1116

Ion	Ratio	Lower	Upper
53	100		
52	53.4	71.3	106.9#
51	39.7	36.2	54.4

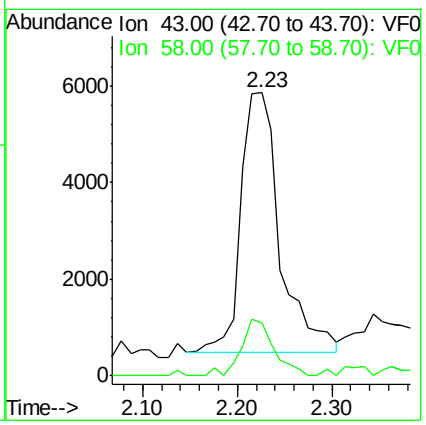


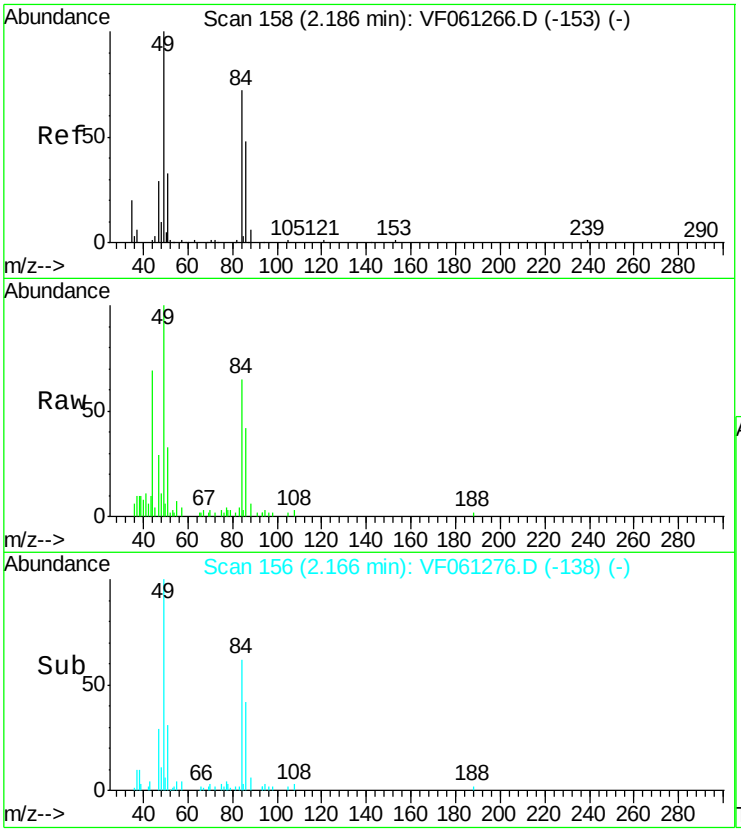


#16
Acetone
Concen: 16.845 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Tgt Ion: 43 Resp: 15574

Ion	Ratio	Lower	Upper
43	100		
58	18.7	13.0	19.4



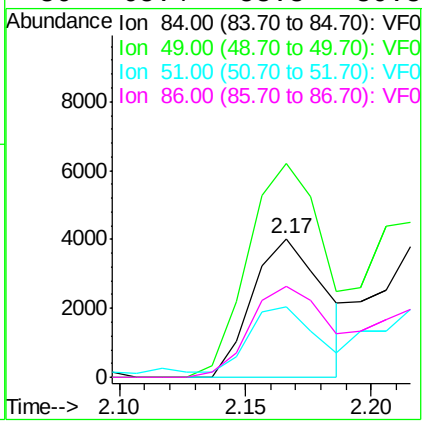


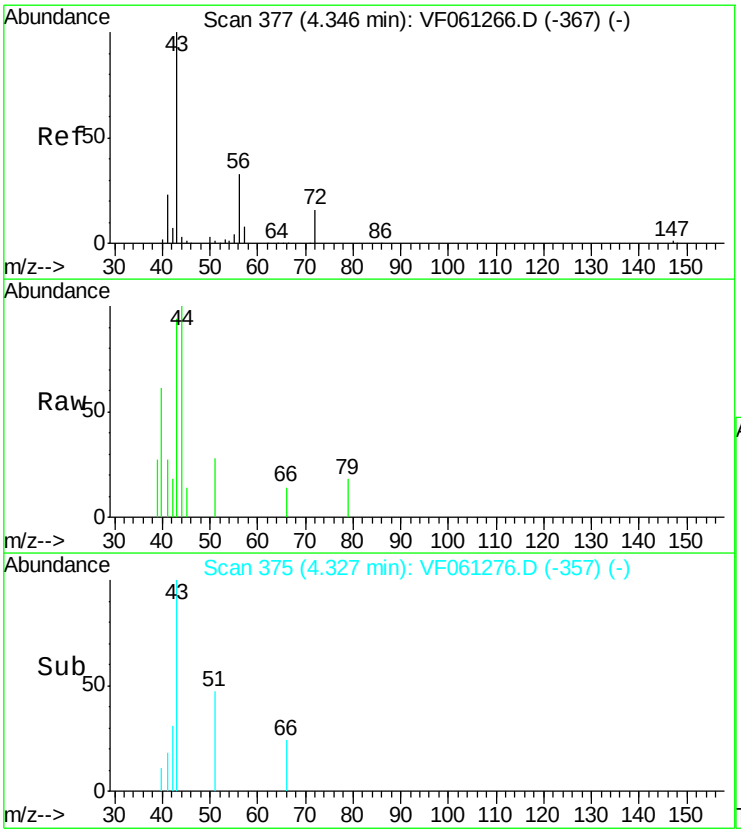
#20
Methylene Chloride
Concen: Below Cal
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Instrument : MSVOA_F
ClientSampleId : OK-03-010419

Tgt Ion: 84 Resp: 8029

Ion	Ratio	Lower	Upper
84	100		
49	154.3	112.9	169.3
51	51.3	37.9	56.9
86	65.4	53.8	80.8

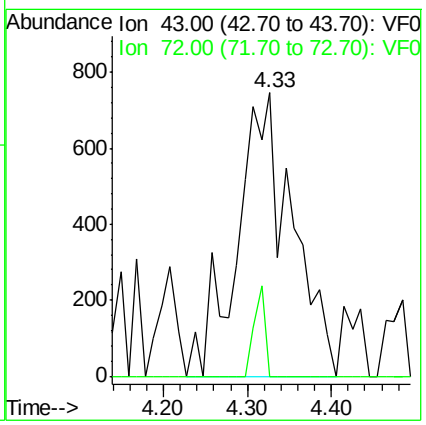


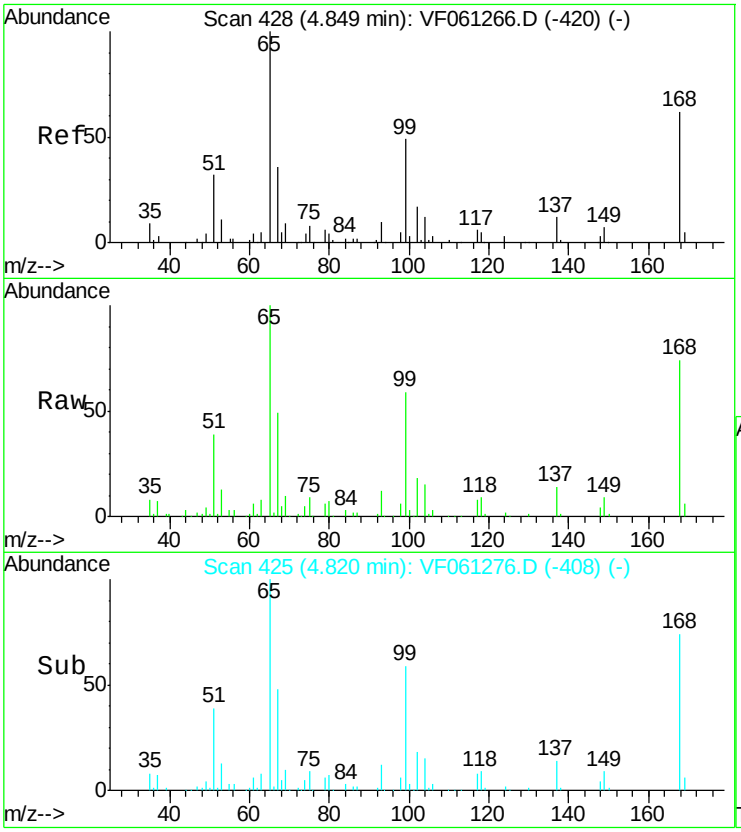


#25
2-Butanone
Concen: Below Cal
RT: 4.33 min Scan# 375
Delta R.T. -0.02 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Tgt Ion: 43 Resp: 3408

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.0	19.6#



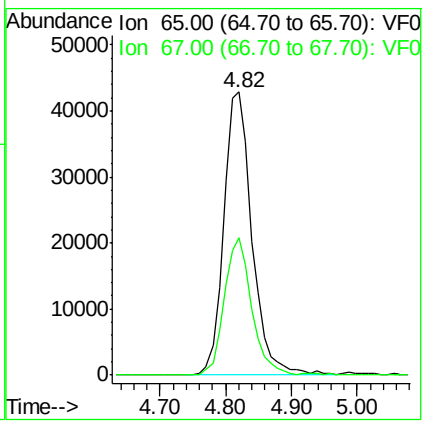


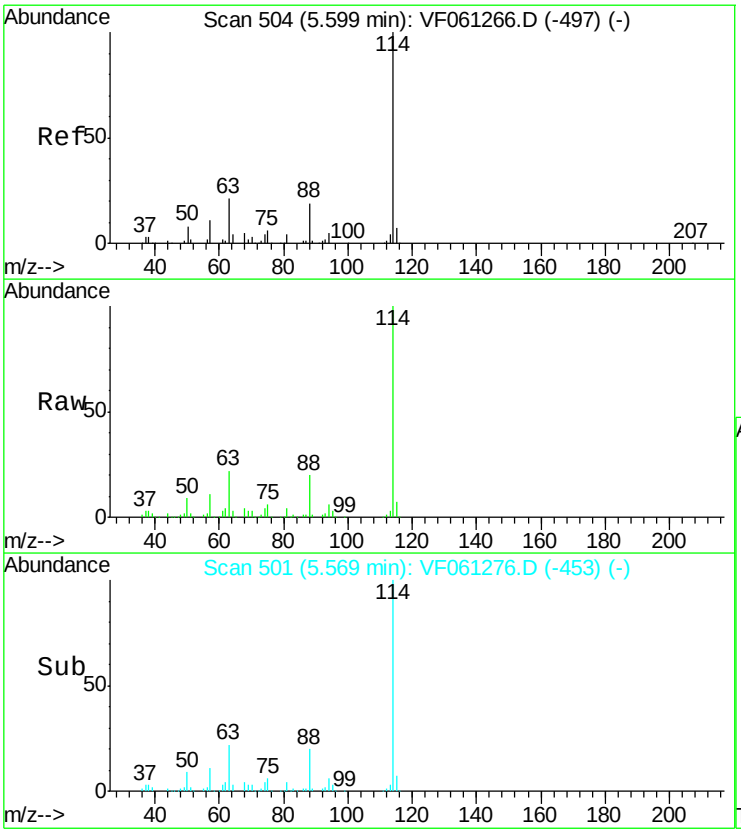
#33
1,2-Dichloroethane-d4
Concen: 49.336 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.03 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Instrument :
MSVOA_F
ClientSampleId :
OK-03-010419

Tgt Ion: 65 Resp: 128777

Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	90.4

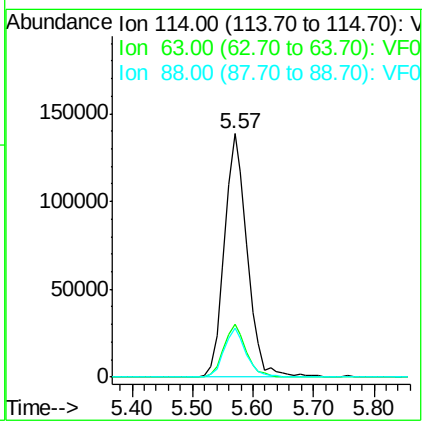


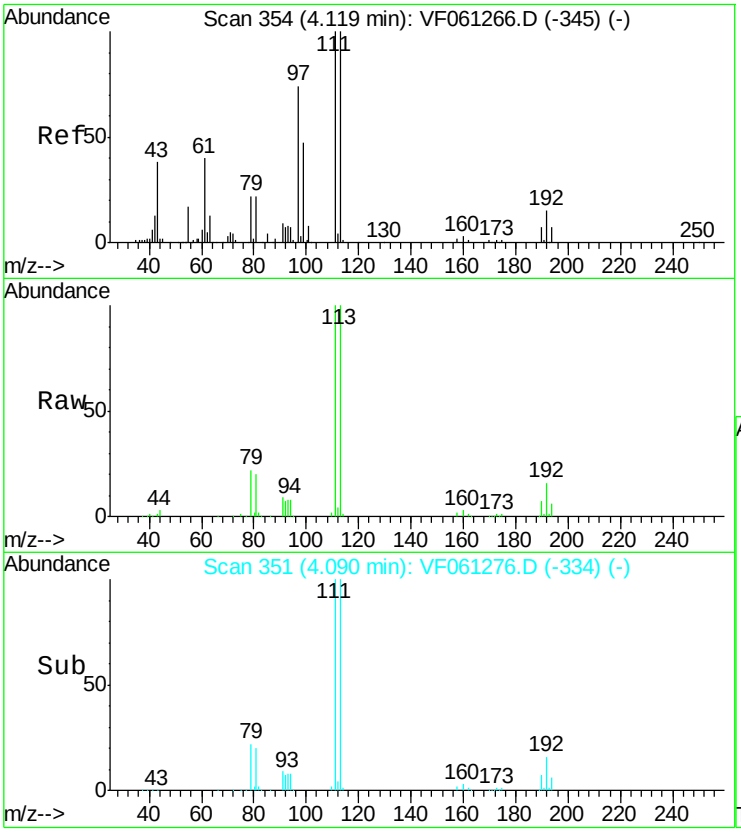


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.03 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Tgt Ion:114 Resp: 362755

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	41.8
88	20.1	0.0	38.4



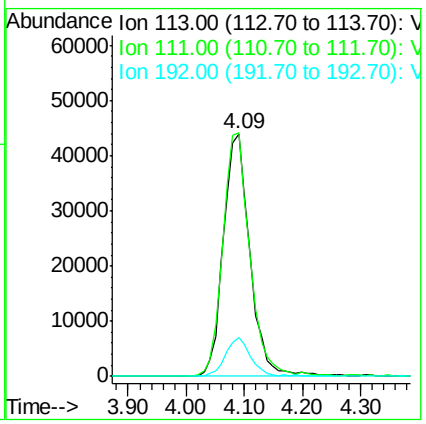


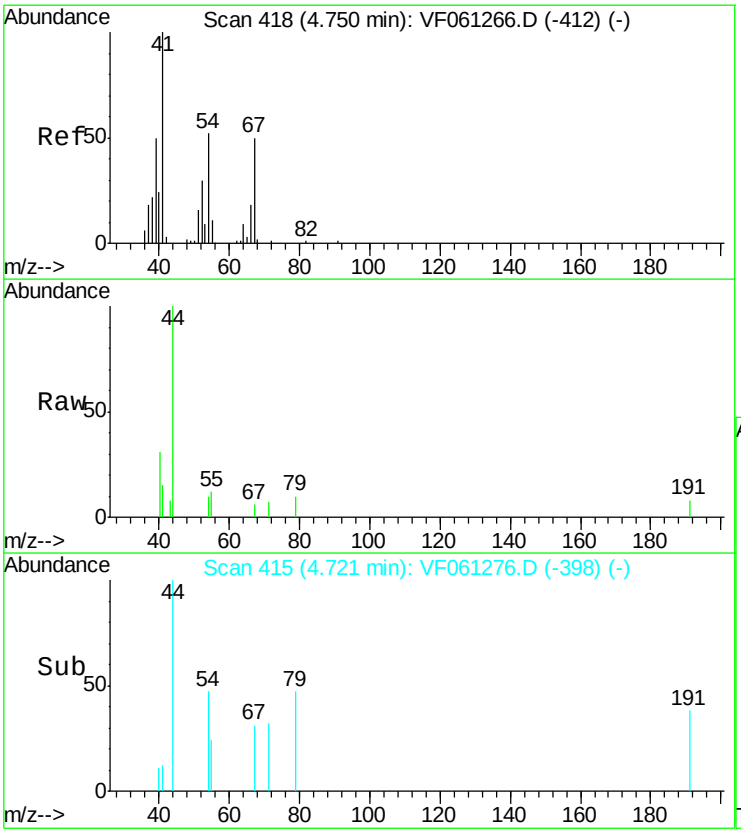
#35
Dibromofluoromethane
Concen: 49.911 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.03 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Instrument :
MSVOA_F
ClientSampleId :
OK-03-010419

Tgt Ion:113 Resp: 139296

Ion	Ratio	Lower	Upper
113	100		
111	100.4	79.8	119.6
192	16.6	11.9	17.9

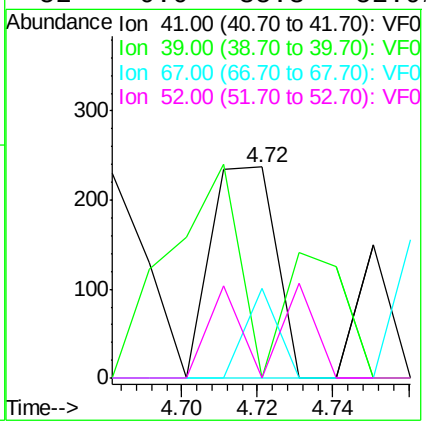


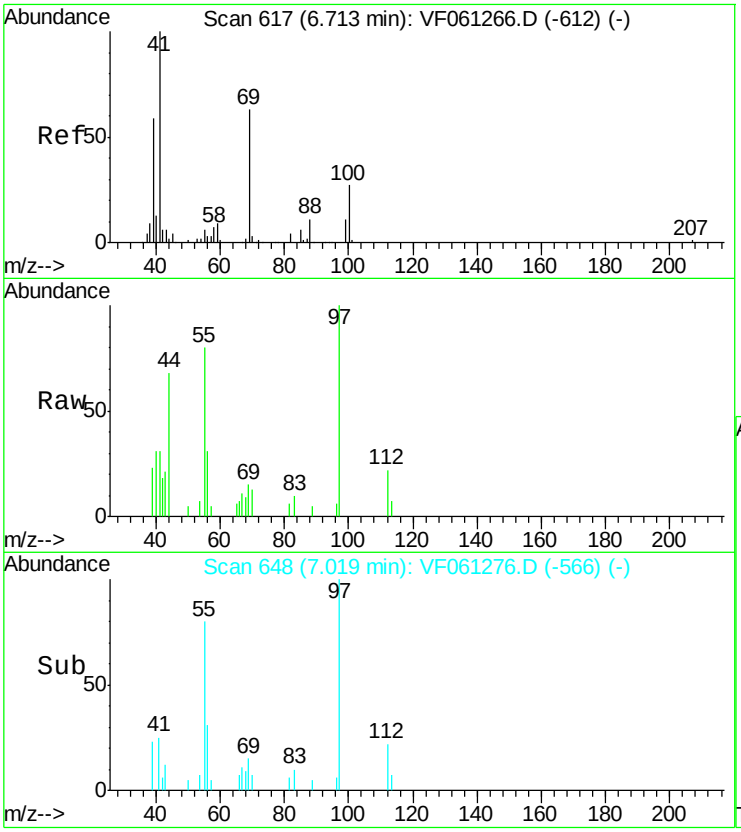


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.72 min Scan# 415
Delta R.T. -0.03 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Tgt Ion: 41 Resp: 279

Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.6	66.8#
67	42.6	39.3	58.9
52	0.0	35.3	52.9#



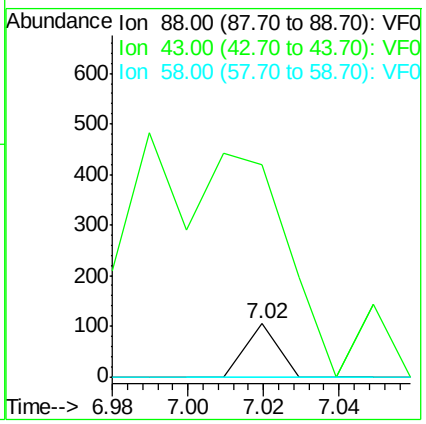


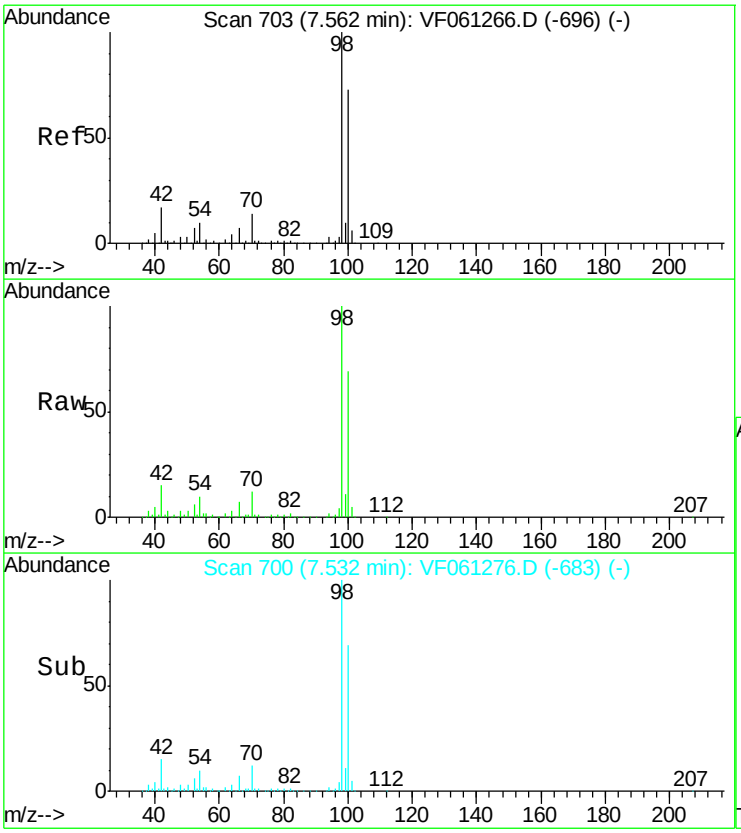
#49
1,4-Dioxane
Concen: 6.071 ug/l
RT: 7.02 min Scan# 648
Delta R.T. 0.31 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Instrument : MSVOA_F
ClientSampleId : OK-03-010419

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	400.0	55.2	82.8#
58	0.0	50.9	76.3#

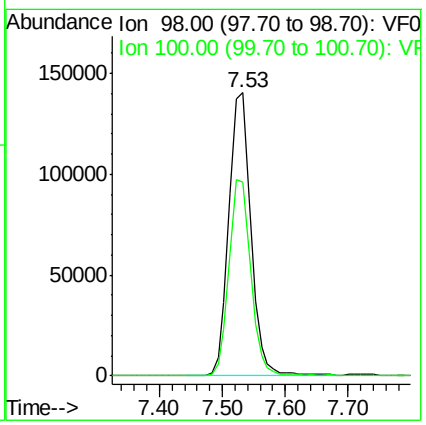


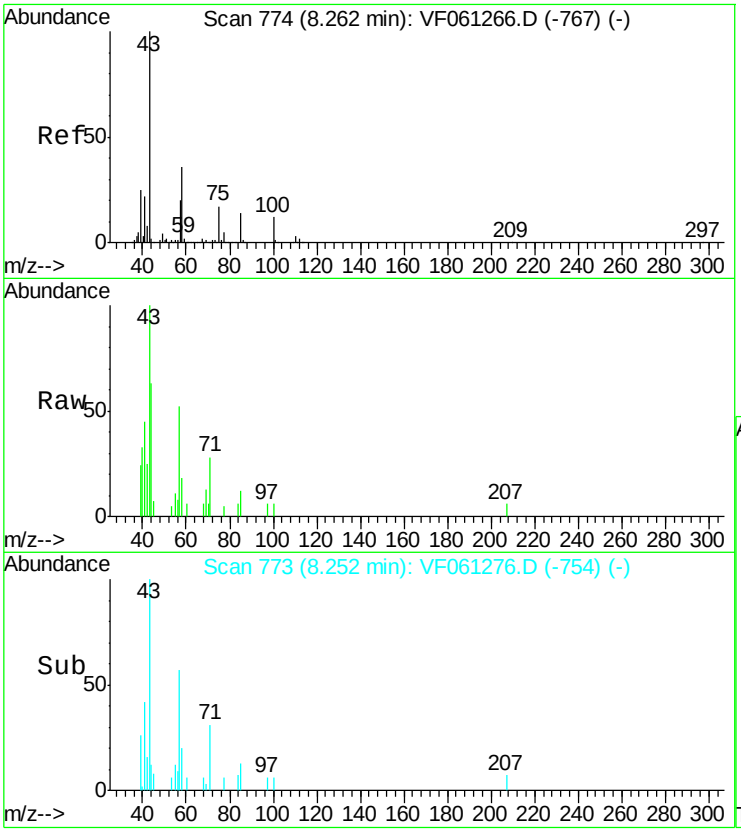


#50
Toluene-d8
Concen: 40.999 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Tgt Ion: 98 Resp: 339548

Ion	Ratio	Lower	Upper
98	100		
100	68.5	58.1	87.1



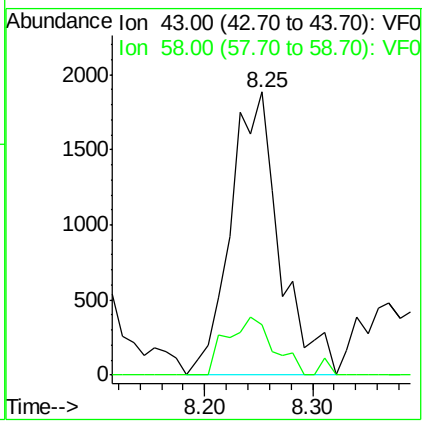


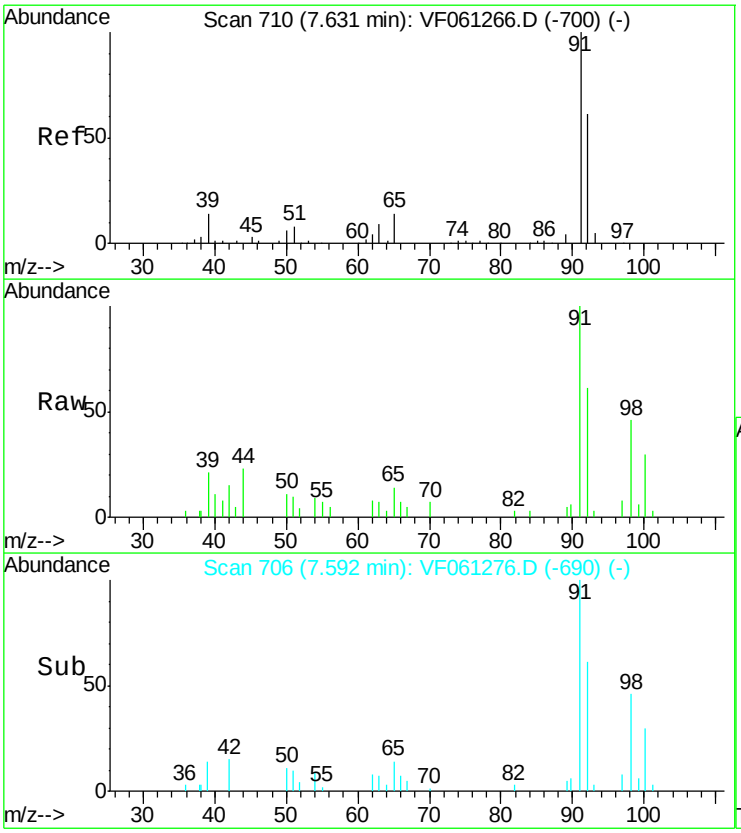
#51
4-Methyl-2-Pentanone
Concen: Below Cal
RT: 8.25 min Scan# 773
Delta R.T. -0.01 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Instrument : MSVOA_F
ClientSampleId : OK-03-010419

Tgt Ion: 43 Resp: 5952

Ion	Ratio	Lower	Upper
43	100		
58	17.9	29.1	43.7#

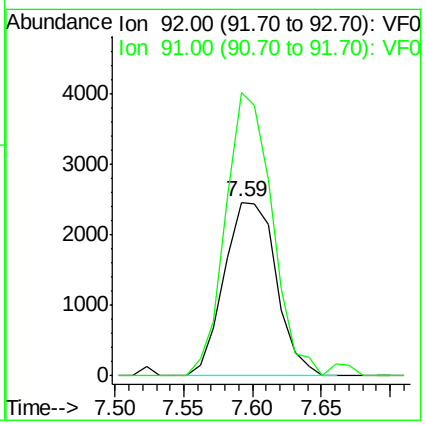


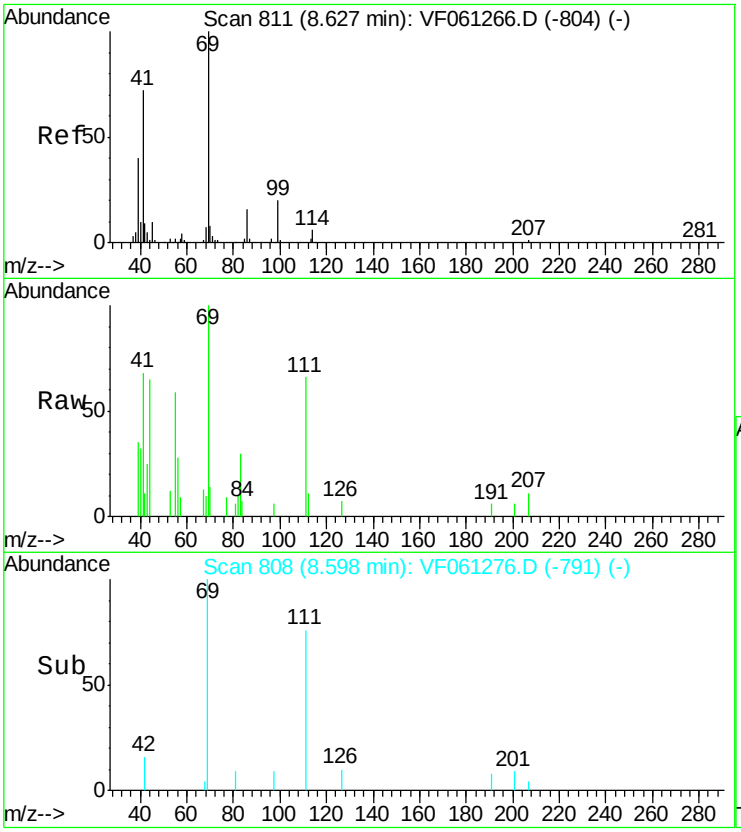


#52
Toluene
Concen: 1.025 ug/l
RT: 7.59 min Scan# 706
Delta R.T. -0.04 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Tgt Ion: 92 Resp: 6488

Ion	Ratio	Lower	Upper
92	100		
91	162.8	130.5	195.7



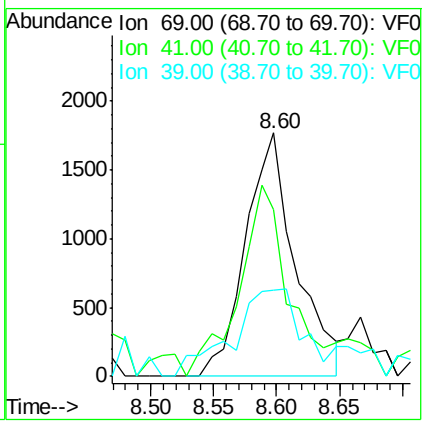


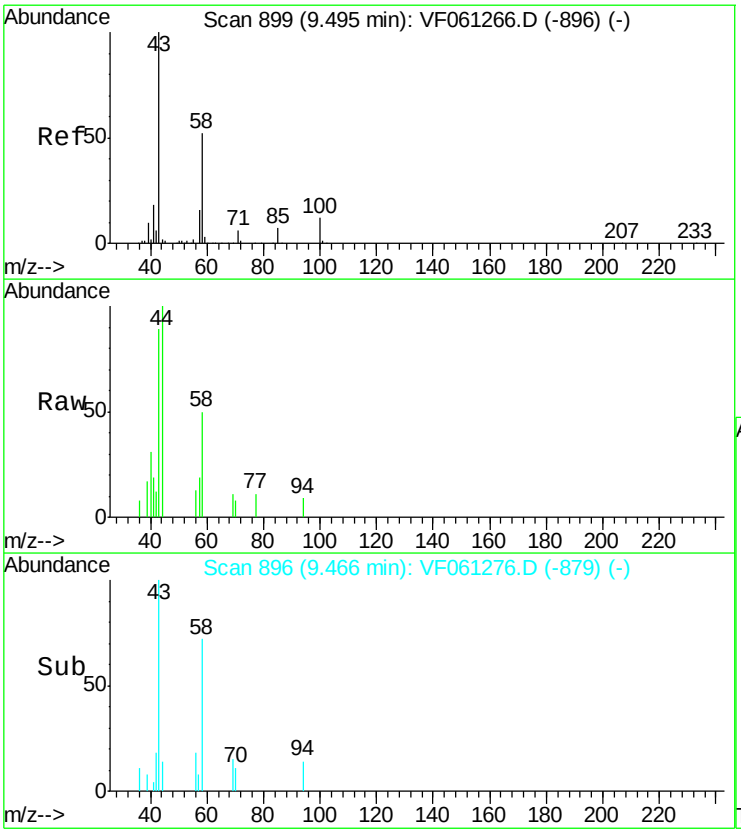
#56
Ethyl methacrylate
Concen: 2.434 ug/l
RT: 8.60 min Scan# 808
Delta R.T. -0.03 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Instrument :
MSVOA_F
ClientSampleId :
OK-03-010419

Tgt Ion: 69 Resp: 4898

Ion	Ratio	Lower	Upper
69	100		
41	79.4	58.1	87.1
39	35.2	32.6	49.0

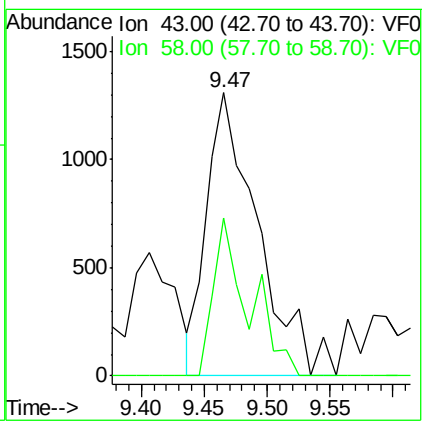


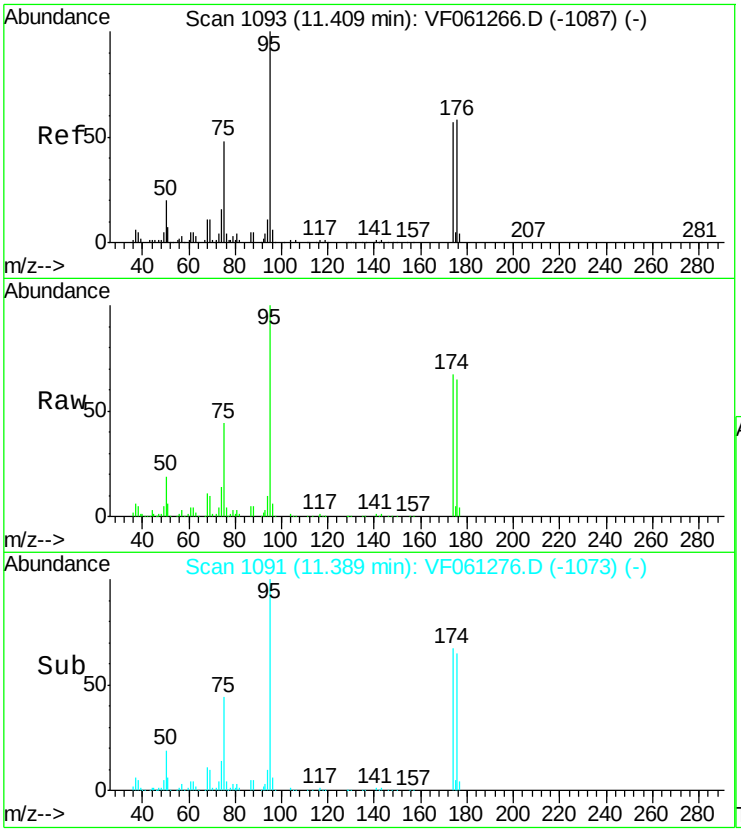


#59
2-Hexanone
Concen: 3.243 ug/l
RT: 9.47 min Scan# 896
Delta R.T. -0.03 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Tgt Ion: 43 Resp: 3712

Ion	Ratio	Lower	Upper
43	100		
58	55.9	24.4	73.4



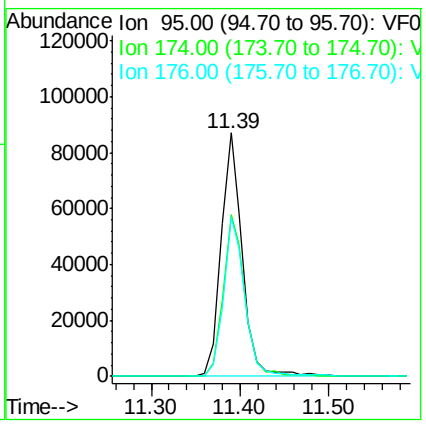


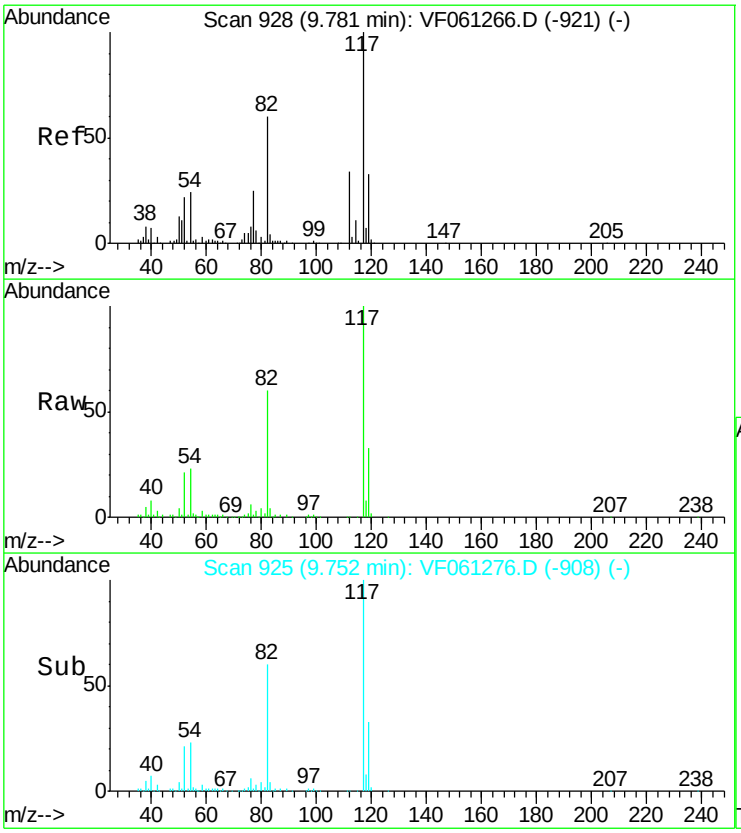
#62
4-Bromofluorobenzene
Concen: 39.877 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Instrument :
MSVOA_F
ClientSampleId :
OK-03-010419

Tgt Ion: 95 Resp: 146331

Ion	Ratio	Lower	Upper
95	100		
174	66.5	0.0	113.2
176	65.4	0.0	115.6

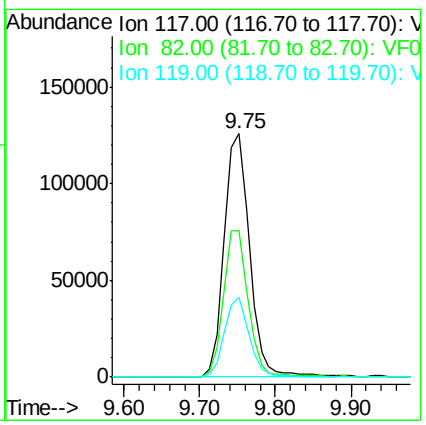


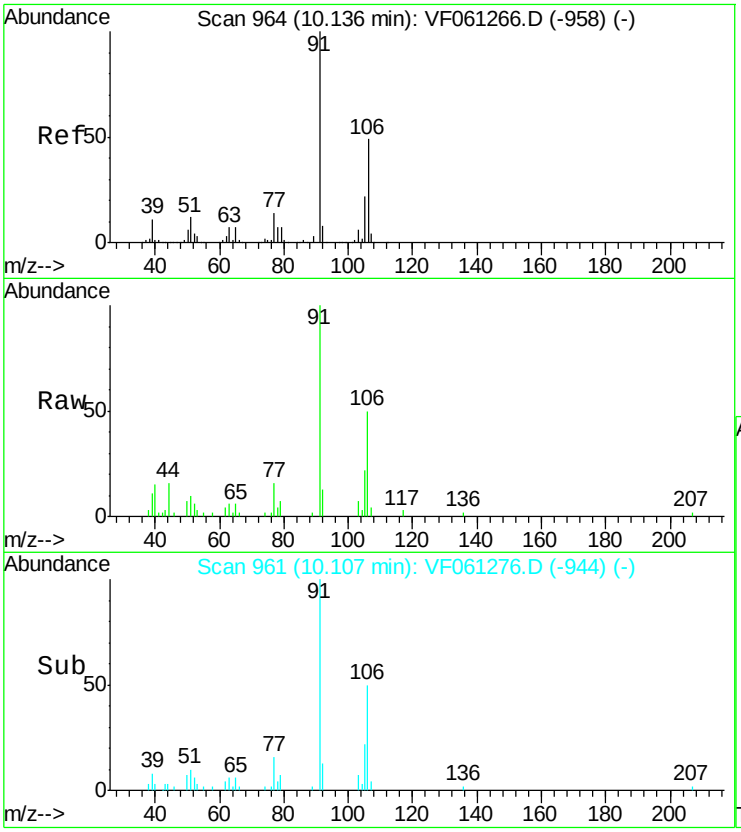


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Tgt Ion:117 Resp: 293506

Ion	Ratio	Lower	Upper
117	100		
82	60.0	47.8	71.6
119	32.9	26.1	39.1



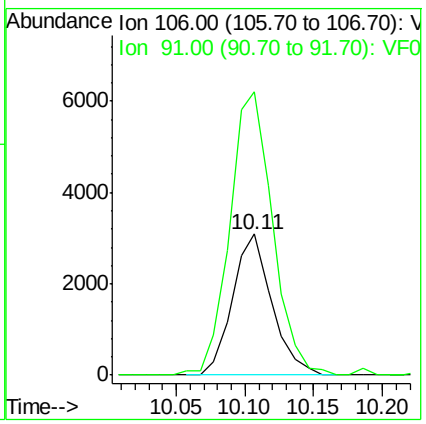


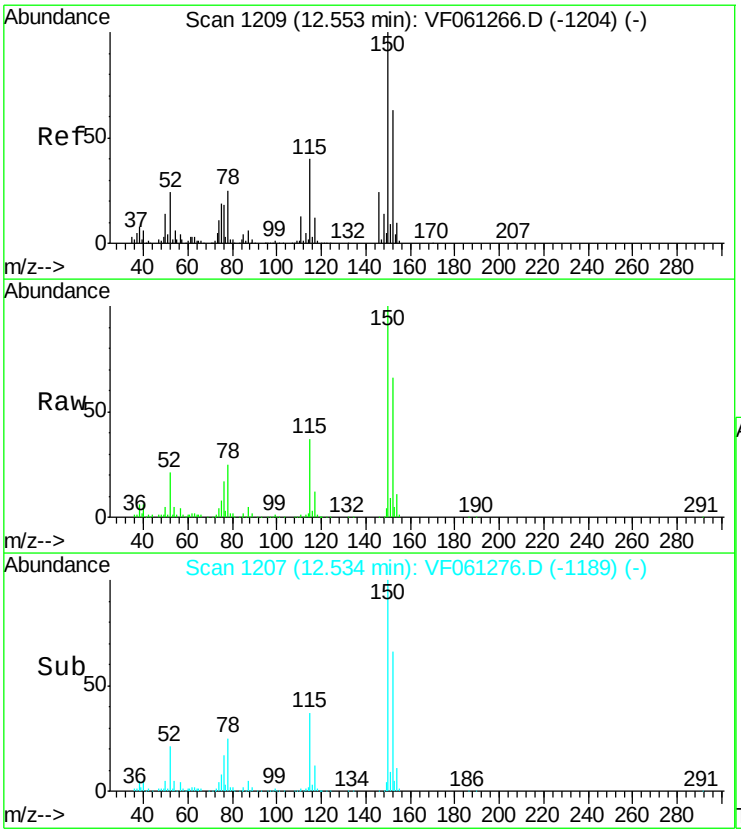
#68
m/p-Xylenes
Concen: 1.535 ug/l
RT: 10.11 min Scan# 961
Delta R.T. -0.03 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Instrument :
MSVOA_F
ClientSampleId :
OK-03-010419

Tgt Ion:106 Resp: 6146

Ion	Ratio	Lower	Upper
106	100		
91	201.1	164.8	247.2

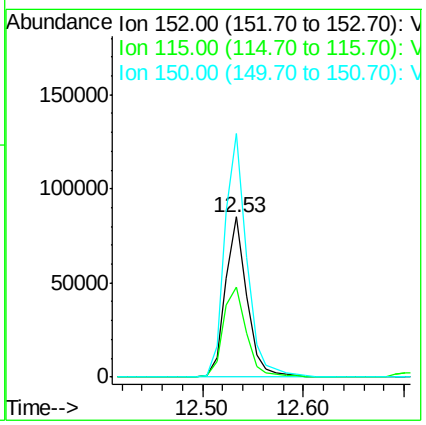


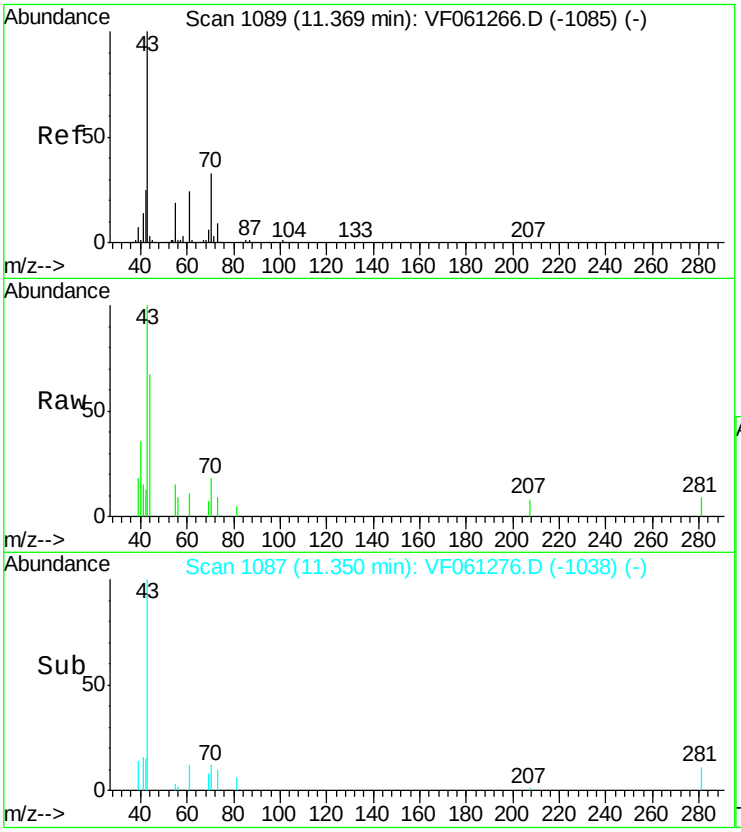


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Tgt Ion:152 Resp: 126708

Ion	Ratio	Lower	Upper
152	100		
115	56.0	31.6	94.7
150	152.3	0.0	320.2



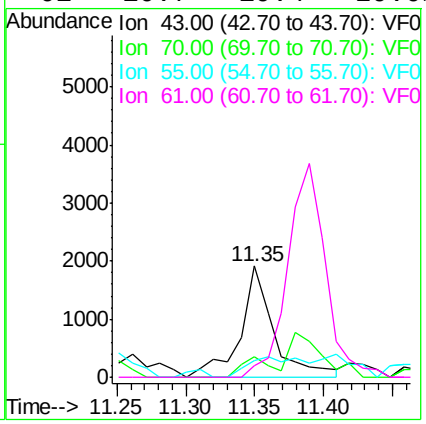


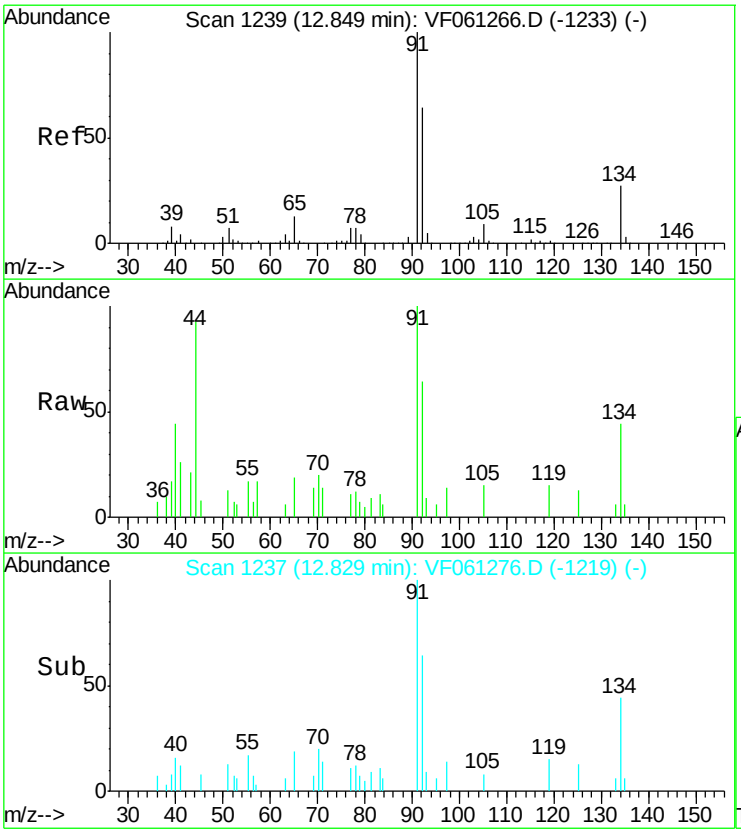
#74
N-amyl acetate
Concen: 1.203 ug/l
RT: 11.35 min Scan# 1087
Delta R.T. -0.02 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Instrument : MSVOA_F
ClientSampleId : OK-03-010419

Tgt Ion: 43 Resp: 3270

Ion	Ratio	Lower	Upper
43	100		
70	18.2	26.7	40.1#
55	14.8	15.4	23.0#
61	10.7	19.4	29.0#

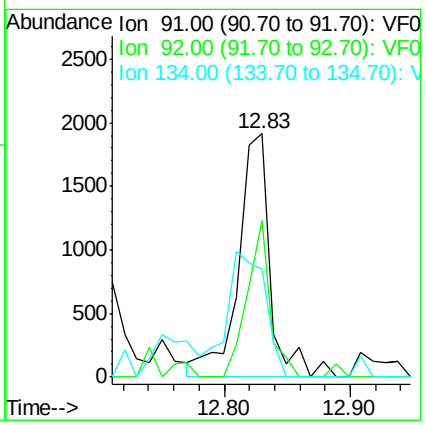


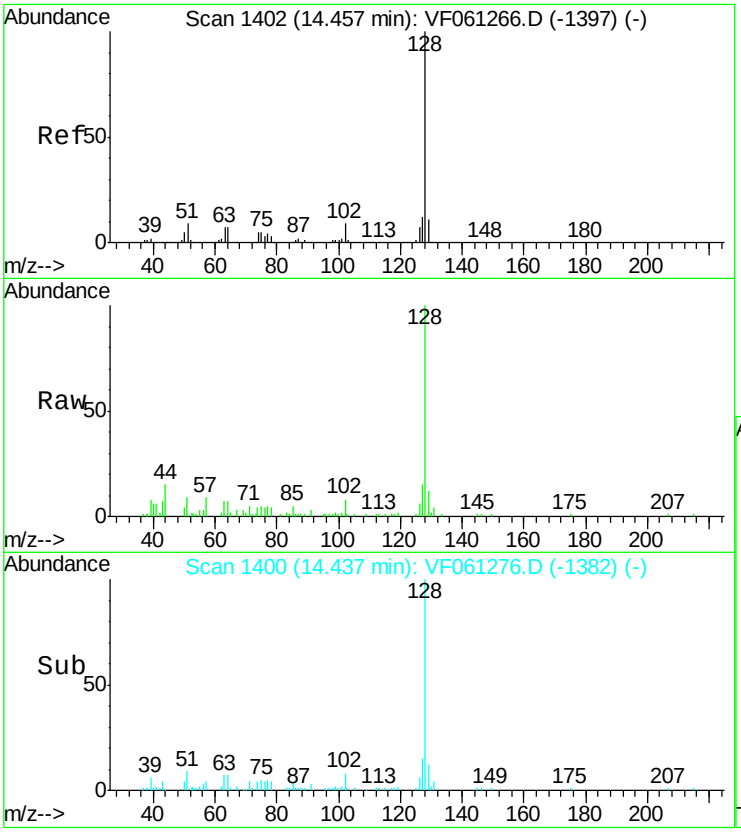


#89
n-Butylbenzene
Concen: Below Cal
RT: 12.83 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Tgt Ion: 91 Resp: 3377

Ion	Ratio	Lower	Upper
91	100		
92	64.5	31.9	95.7
134	44.2	13.6	40.7#





#95
Naphthalene
Concen: 4.125 ug/l
RT: 14.44 min Scan# 1400
Delta R.T. -0.02 min
Lab File: VF061276.D
Acq: 7 Jan 2019 13:45

Instrument :
MSVOA_F
ClientSampleId :
OK-03-010419

Tgt Ion:128 Resp: 22742

Ion	Ratio	Lower	Upper
128	100		
127	14.8	9.8	14.6#
129	12.4	9.0	13.4