Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF052218\
Data File : VF057967.D
Acq On : 23 May 2018 3:31
Operator : JC/SY
Sample : VF0522SBL02
Misc : 5.01g/5mL/MSVOA-F/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 23 08:34:28 2018
Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F050918S.M
Quant Title : SW846 8260
QLast Update : Thu May 10 02:30:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.03	168	362971	50.00	ug/l		0.03
34) 1,4-Difluorobenzene	5.74	114	610311	50.00	ug/l		0.02
63) Chlorobenzene-d5	9.90	117	623866	50.00	ug/l		0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	342799	50.00	ug/l		0.03
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.01	65	256779	59.54	ug/l		0.03
Spiked Amount 50.000			Recovery = 119.08%				
35) Dibromofluoromethane	4.28	113	264789	60.68	ug/l		0.03
Spiked Amount 50.000			Recovery = 121.36%				
50) Toluene-d8	7.70	98	725129	54.19	ug/l		0.03
Spiked Amount 50.000			Recovery = 108.38%				
62) 4-Bromofluorobenzene	11.50	95	385670	57.43	ug/l		0.03
Spiked Amount 50.000			Recovery = 114.86%				
Target Compounds							Qvalue
6) Chloroethane	1.42	64	196	Below Cal			94
9) 1,1,2-Trichlorotrifluoroet	1.88	101	82	Below Cal		#	1
11) Tert butyl alcohol	2.80	59	755	Below Cal			96
13) Acrolein	2.13	56	1155	Below Cal			88
14) Allyl chloride	2.23	41	302	Below Cal			83
15) Acrylonitrile	3.05	53	1109	Below Cal		#	61
16) Acetone	2.32	43	5972	Below Cal		#	83
18) Methyl Acetate	2.46	43	1176	Below Cal		#	92
19) Methyl tert-butyl Ether	2.58	73	293	Below Cal			99
20) Methylene Chloride	2.27	84	1176	Below Cal		#	68
23) Vinyl Acetate	3.32	43	6349	1.13	ug/l	#	94
25) 2-Butanone	4.50	43	3261	Below Cal		#	88
29) Tetrahydrofuran	4.26	42	2628	Below Cal		#	74
37) Ethyl Acetate	4.27	43	3777	Below Cal		#	60
41) Methacrylonitrile	4.90	41	2375	Below Cal		#	65
43) Isopropyl Acetate	7.10	43	7577	1.65	ug/l	#	84
49) 1,4-Dioxane	6.86	88	322	13.75	ug/l	#	68
51) 4-Methyl-2-Pentanone	8.40	43	17400	Below Cal			98
56) Ethyl methacrylate	8.75	69	5785	1.16	ug/l	#	84
59) 2-Hexanone	9.62	43	44209	Below Cal			98
89) n-Butylbenzene	12.91	91	6436	Below Cal			81
95) Naphthalene	14.52	128	20158	Below Cal			98

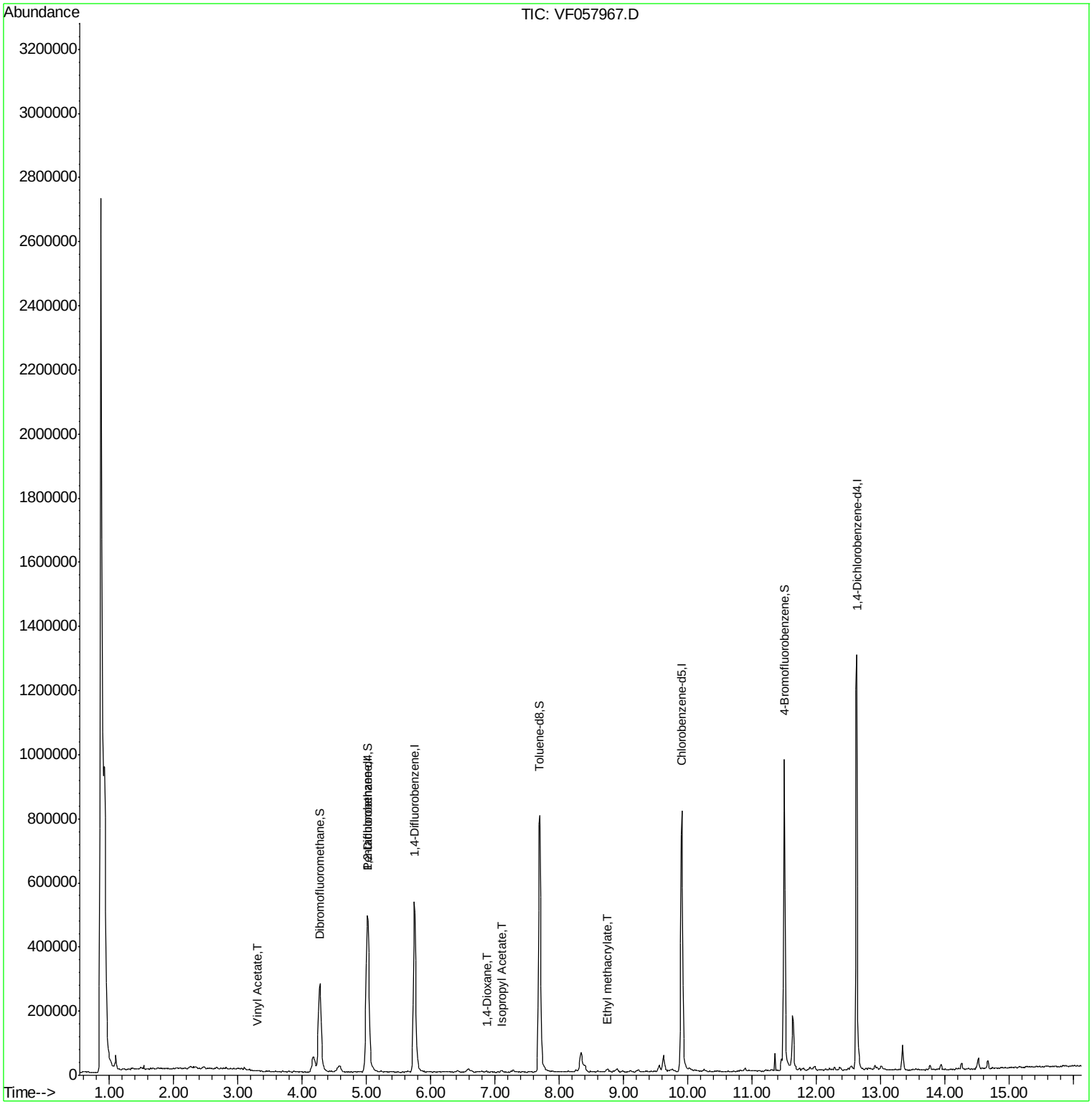
(#) = qualifier out of range (m) = manual integration (+) = signals summed

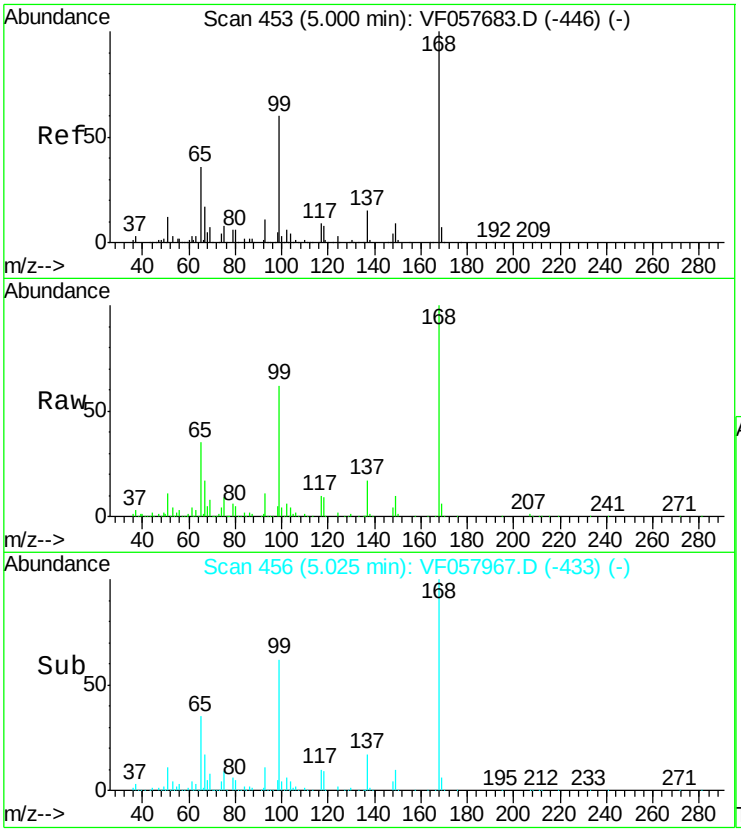
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF052218\
Data File : VF057967.D
Acq On : 23 May 2018 3:31
Operator : JC/SY
Sample : VF0522SBL02
Misc : 5.01g/5mL/MSVOA-F/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 23 08:34:28 2018
Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F050918S.M
Quant Title : SW846 8260
QLast Update : Thu May 10 02:30:18 2018
Response via : Initial Calibration



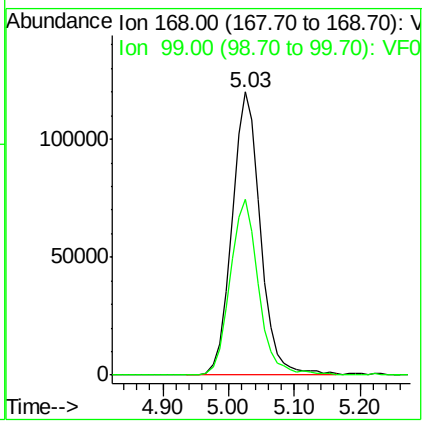


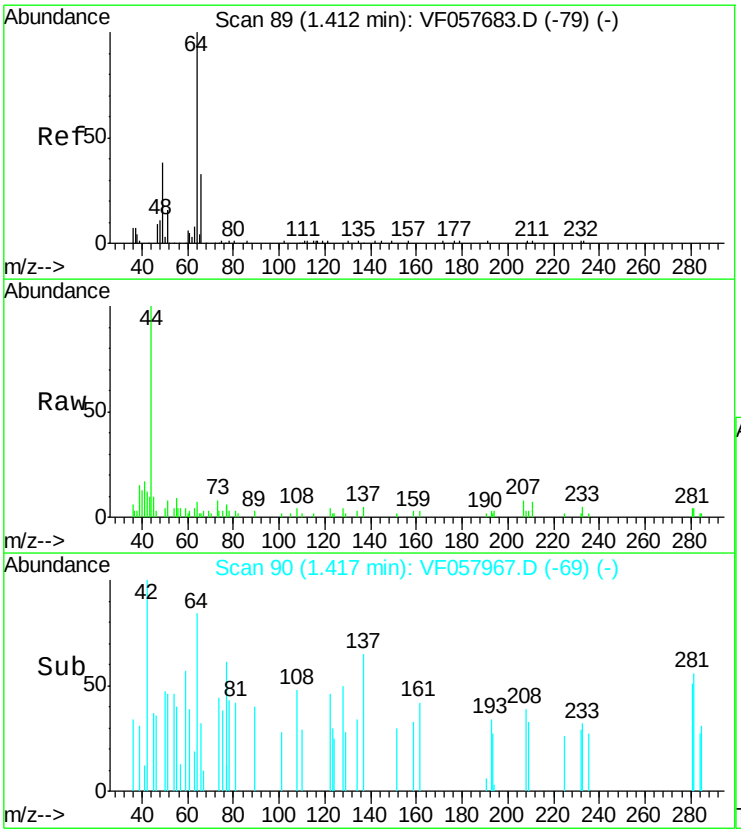
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.03 min Scan# 456
Delta R.T. 0.03 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 362971

Ion	Ratio	Lower	Upper
168	100		
99	62.0	48.5	72.7

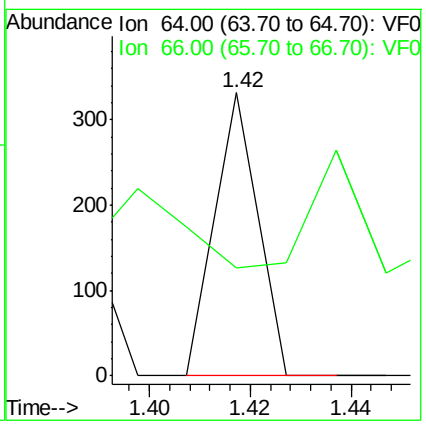


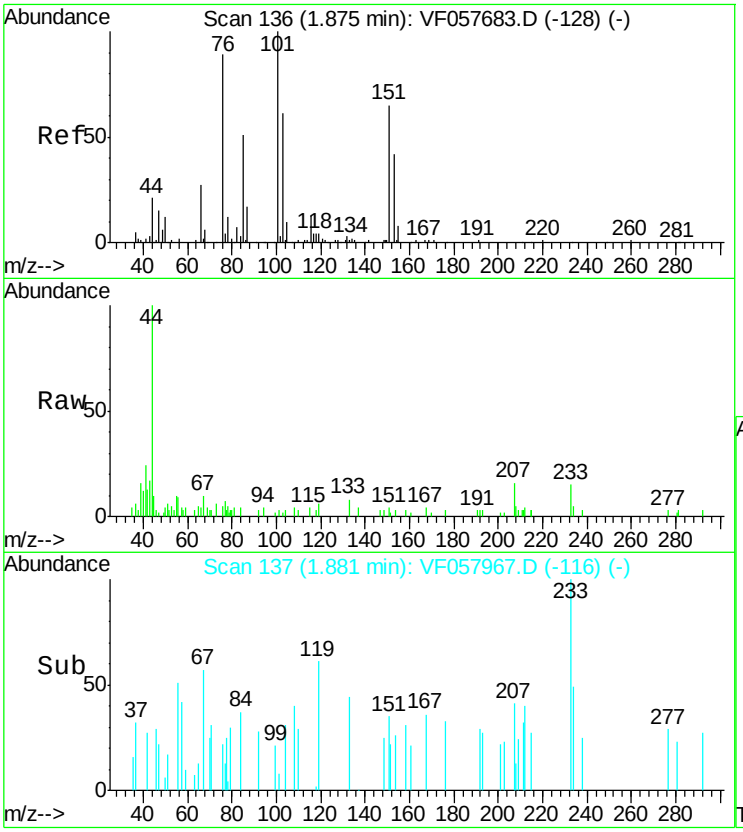


#6
Chloroethane
Concen: Below Cal
RT: 1.42 min Scan# 90
Delta R.T. 0.01 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Tgt Ion: 64 Resp: 196

Ion	Ratio	Lower	Upper
64	100		
66	38.3	27.9	41.9



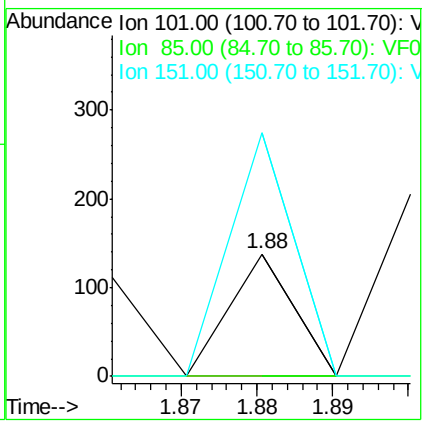


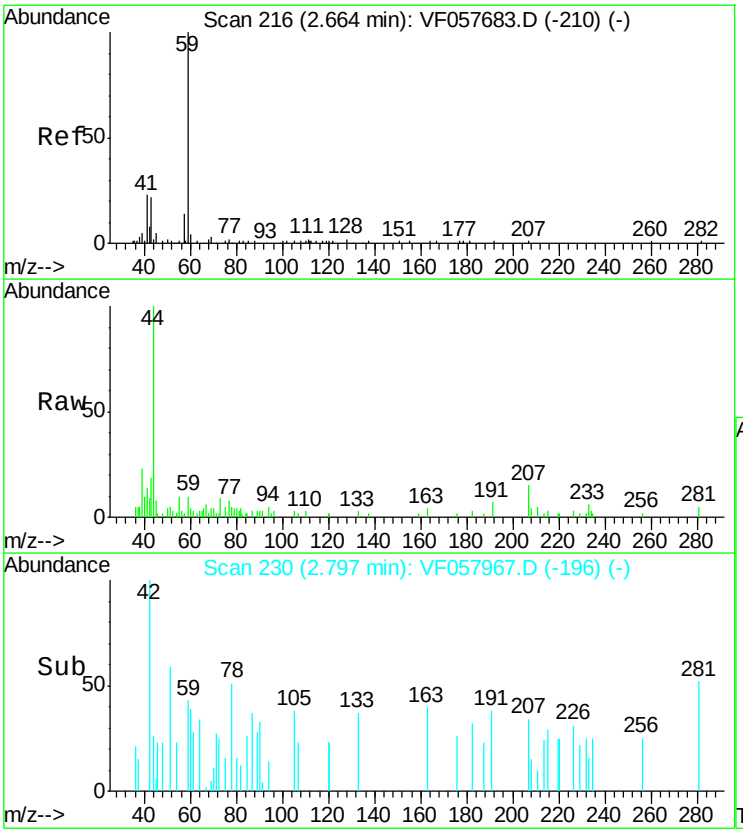
#9
1,1,2-Trichlorotrifluoroethane
Concen: Below Cal
RT: 1.88 min Scan# 137
Delta R.T. 0.01 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:101 Resp: 82

Ion	Ratio	Lower	Upper
101	100		
85	0.0	41.2	61.8#
151	198.6	50.5	75.7#

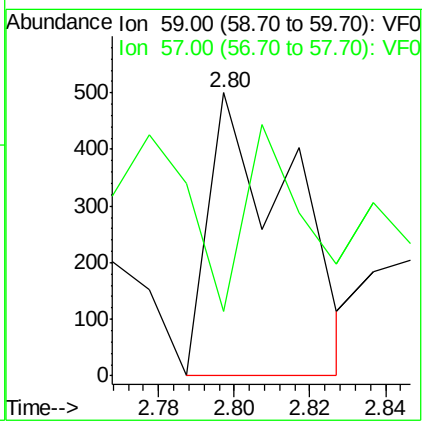


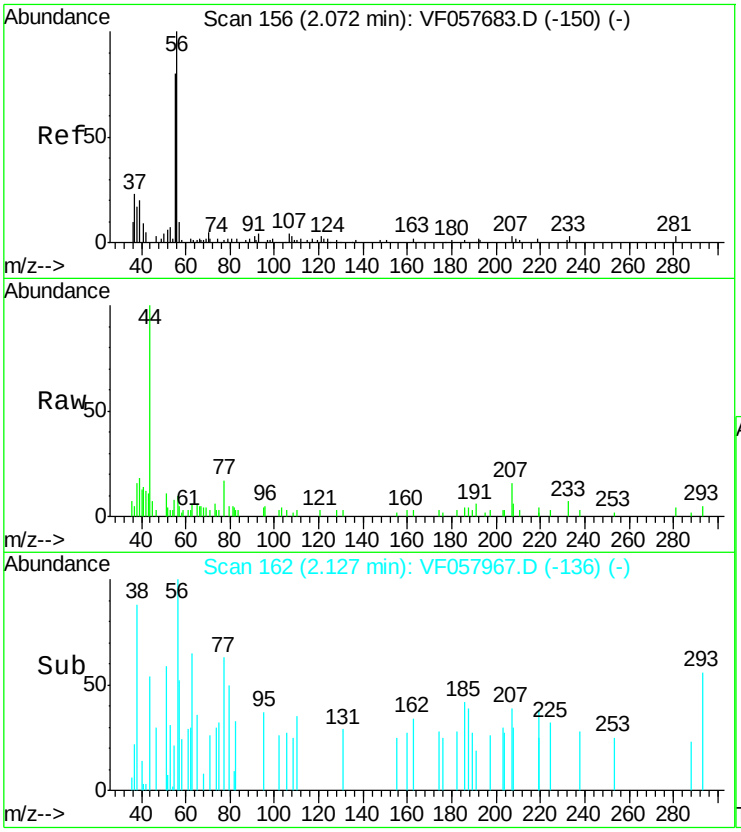


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.80 min Scan# 230
Delta R.T. 0.13 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Tgt Ion: 59 Resp: 755

Ion	Ratio	Lower	Upper
59	100		
57	22.8	19.8	29.6



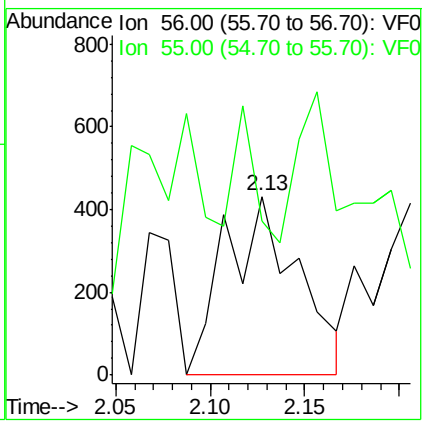


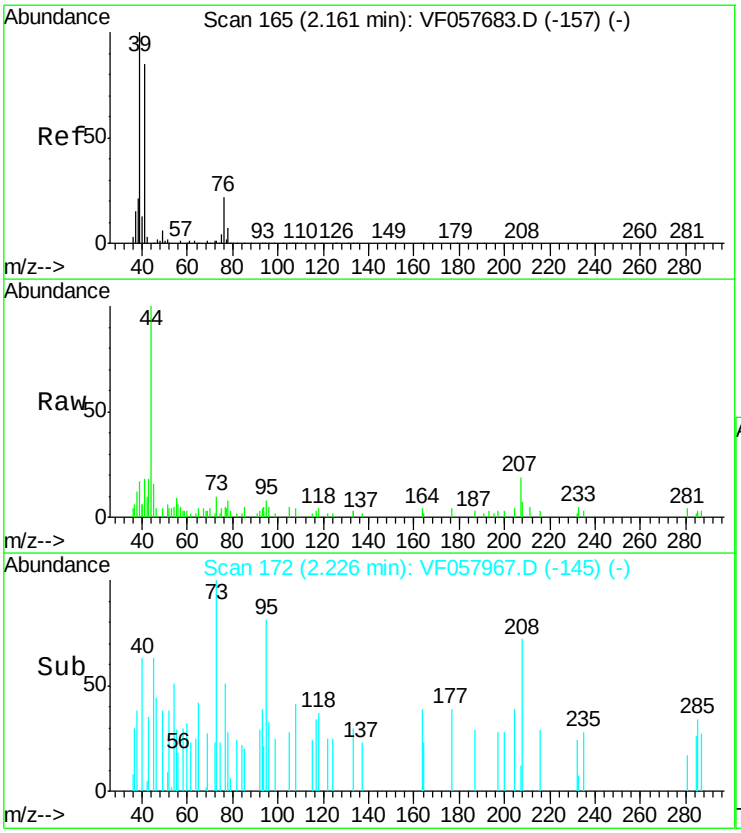
#13
Acrolein
Concen: Below Cal
RT: 2.13 min Scan# 162
Delta R.T. 0.06 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 1155

Ion	Ratio	Lower	Upper
56	100		
55	86.3	78.2	117.2

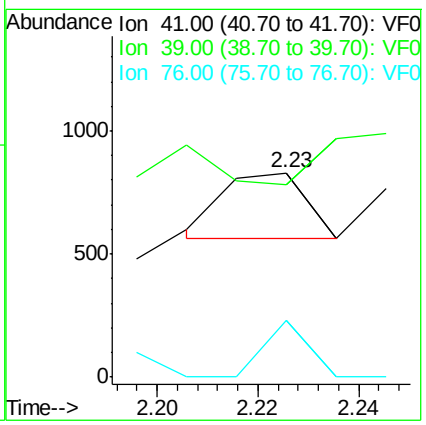


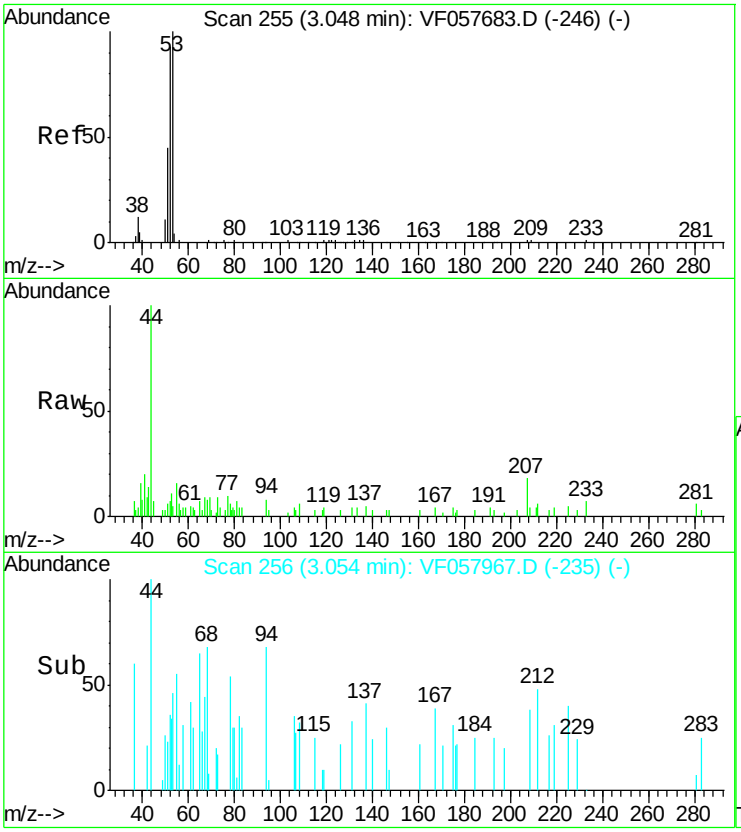


#14
Allyl chloride
Concen: Below Cal
RT: 2.23 min Scan# 172
Delta R.T. 0.06 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Tgt Ion: 41 Resp: 302

Ion	Ratio	Lower	Upper
41	100		
39	94.1	92.1	138.1
76	27.7	19.8	29.6



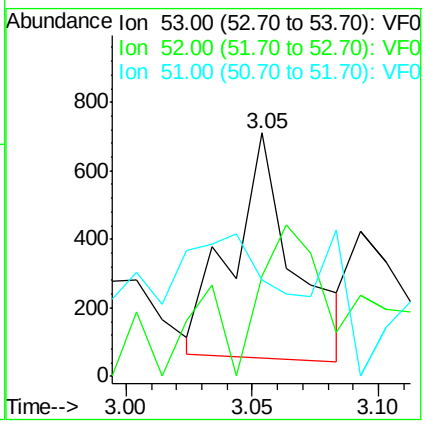


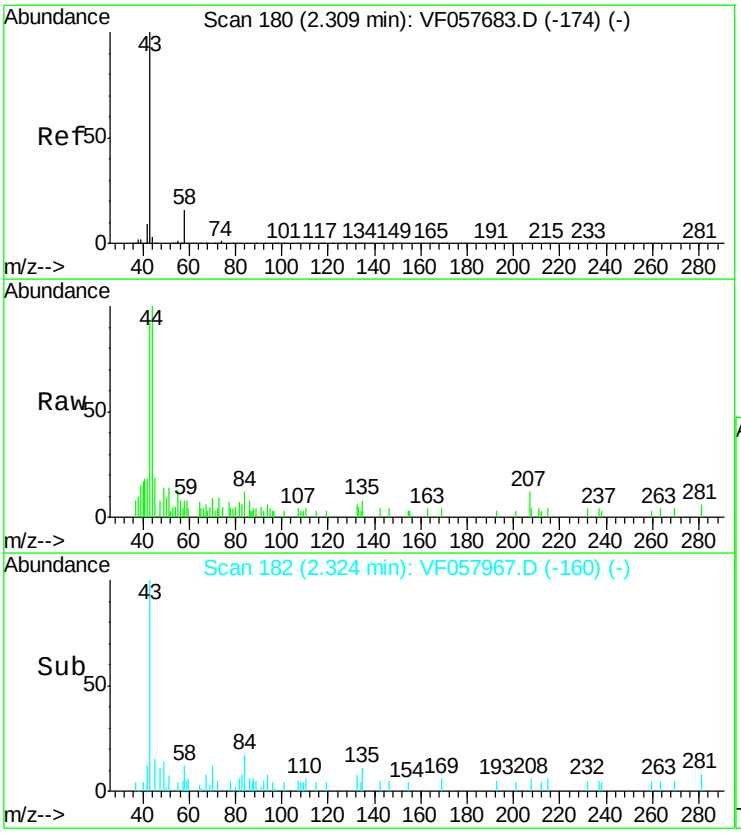
#15
Acrylonitrile
Concen: Below Cal
RT: 3.05 min Scan# 256
Delta R.T. 0.01 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 1109

Ion	Ratio	Lower	Upper
53	100		
52	41.2	74.4	111.6#
51	39.8	37.0	55.6

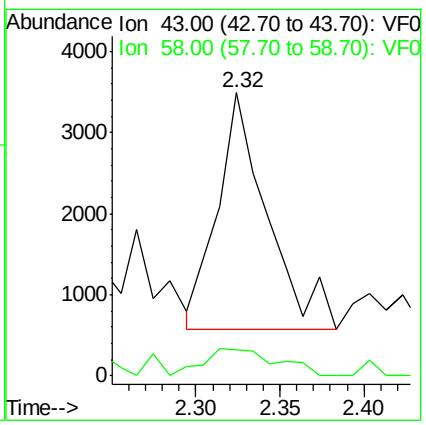


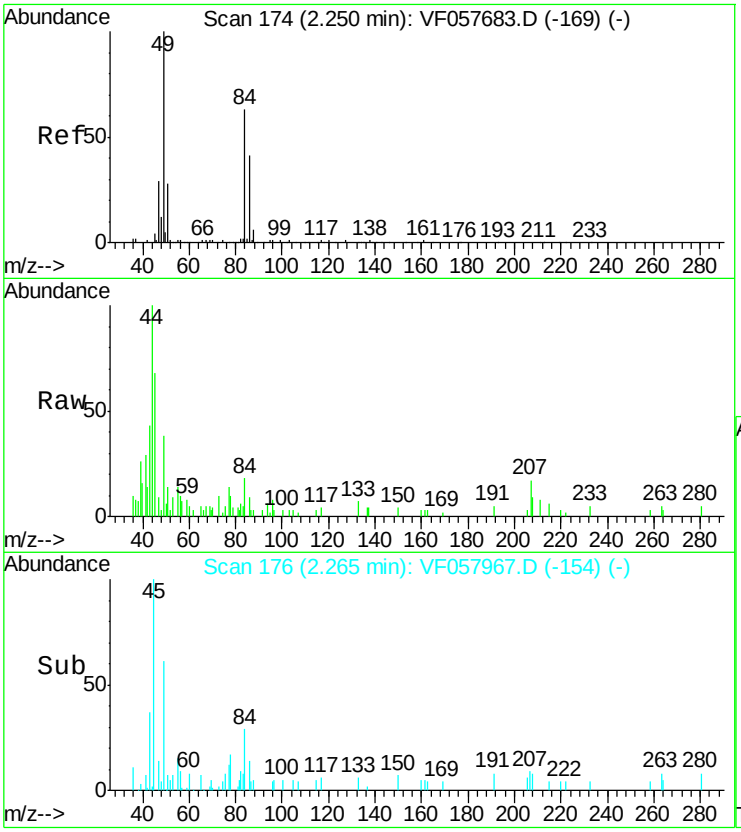


#16
Acetone
Concen: Below Cal
RT: 2.32 min Scan# 182
Delta R.T. 0.02 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Tgt Ion: 43 Resp: 5972

Ion	Ratio	Lower	Upper
43	100		
58	9.2	13.0	19.6#



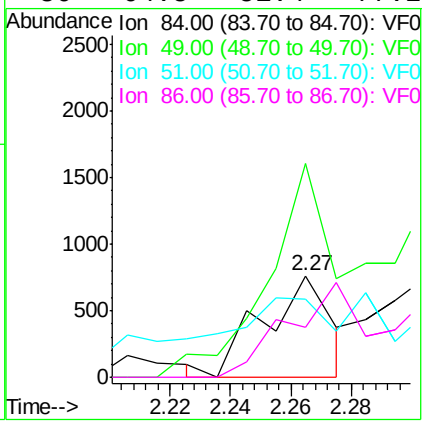


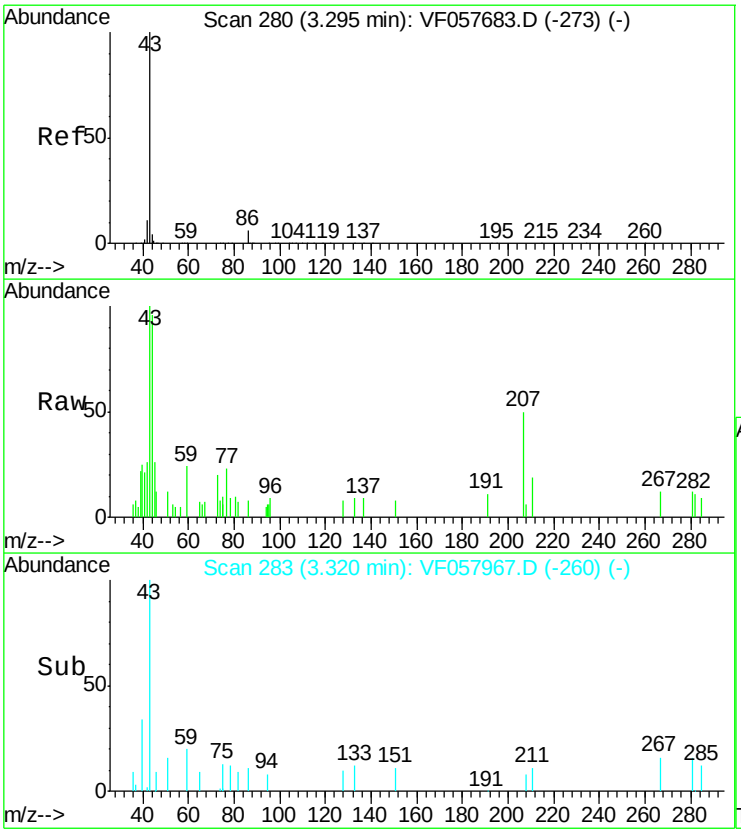
#20
Methylene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 176
Delta R.T. 0.02 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 1176

Ion	Ratio	Lower	Upper
84	100		
49	209.9	126.4	189.6#
51	77.0	36.6	55.0#
86	64.5	51.4	77.2

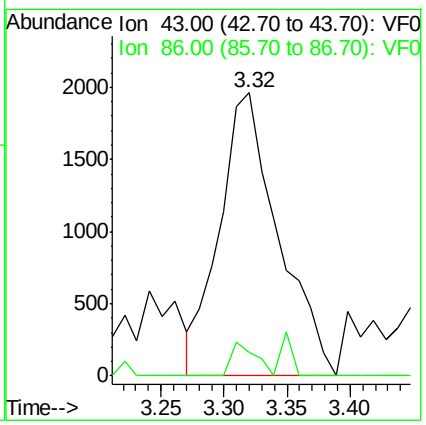


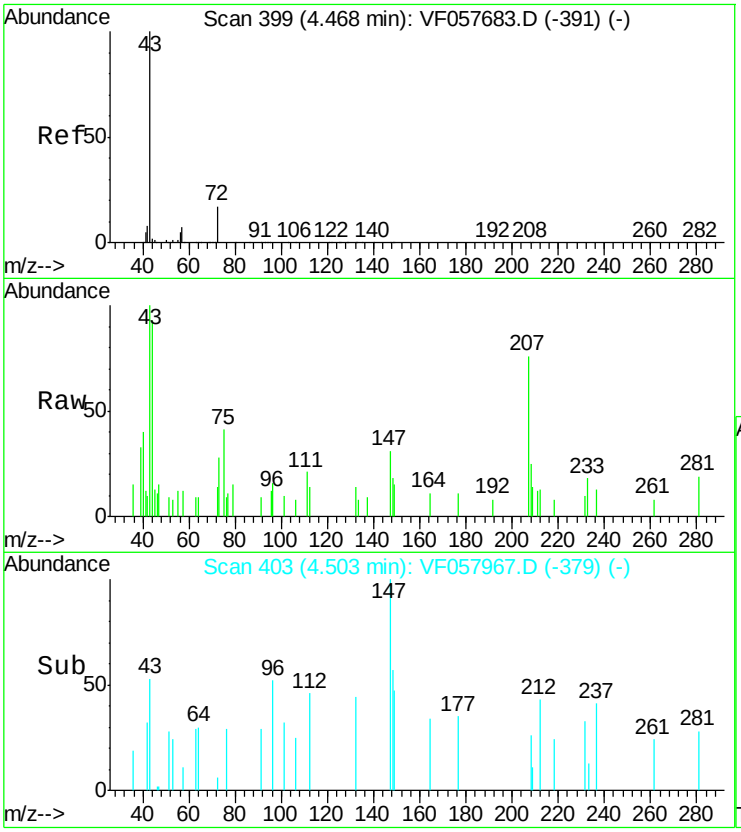


#23
Vinyl Acetate
Concen: 1.13 ug/l
RT: 3.32 min Scan# 283
Delta R.T. 0.03 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Tgt Ion: 43 Resp: 6349

Ion	Ratio	Lower	Upper
43	100		
86	8.5	5.2	7.8#



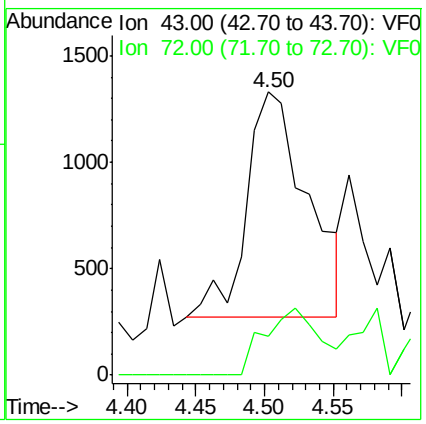


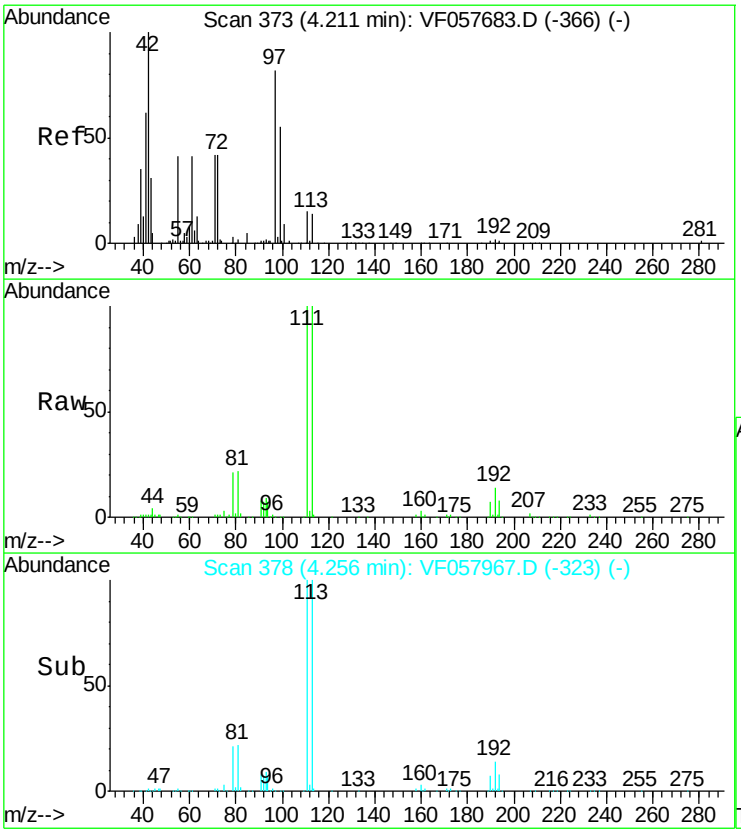
#25
2-Butanone
Concen: Below Cal
RT: 4.50 min Scan# 403
Delta R.T. 0.04 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3261

Ion	Ratio	Lower	Upper
43	100		
72	13.5	15.0	22.6#

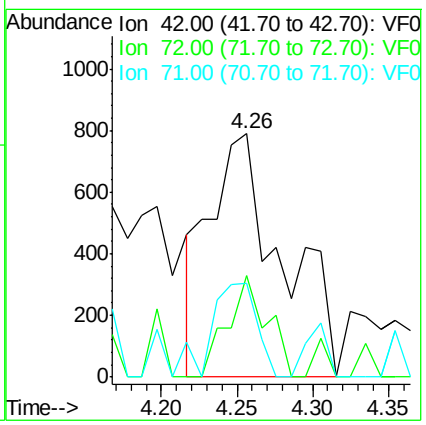


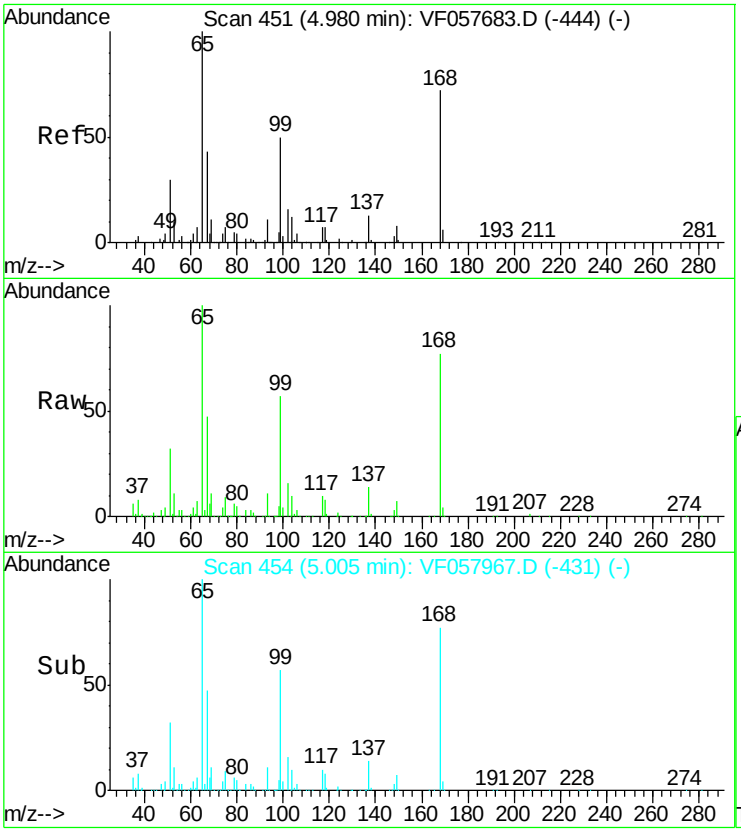


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.26 min Scan# 378
Delta R.T. 0.05 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Tgt Ion: 42 Resp: 2628

Ion	Ratio	Lower	Upper
42	100		
72	22.7	31.7	47.5#
71	24.5	31.7	47.5#



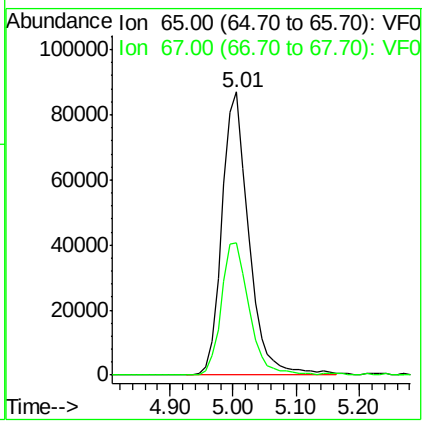


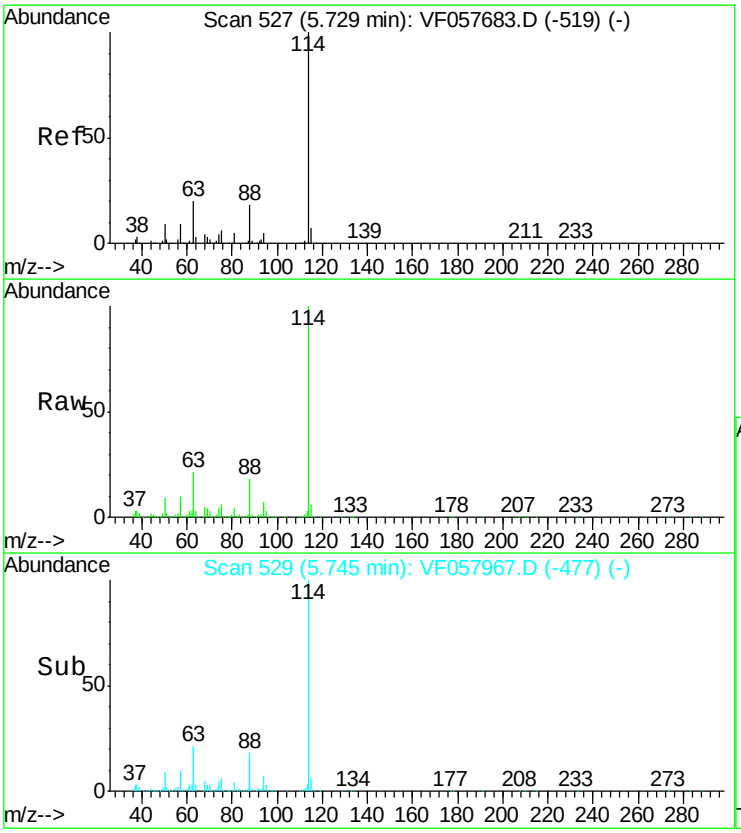
#33
1,2-Dichloroethane-d4
Concen: 59.54 ug/l
RT: 5.01 min Scan# 454
Delta R.T. 0.03 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 256779

Ion	Ratio	Lower	Upper
65	100		
67	46.9	0.0	102.0

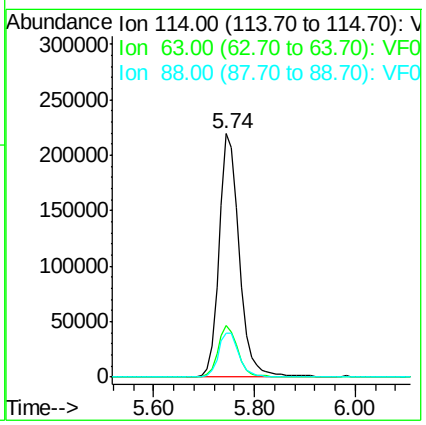


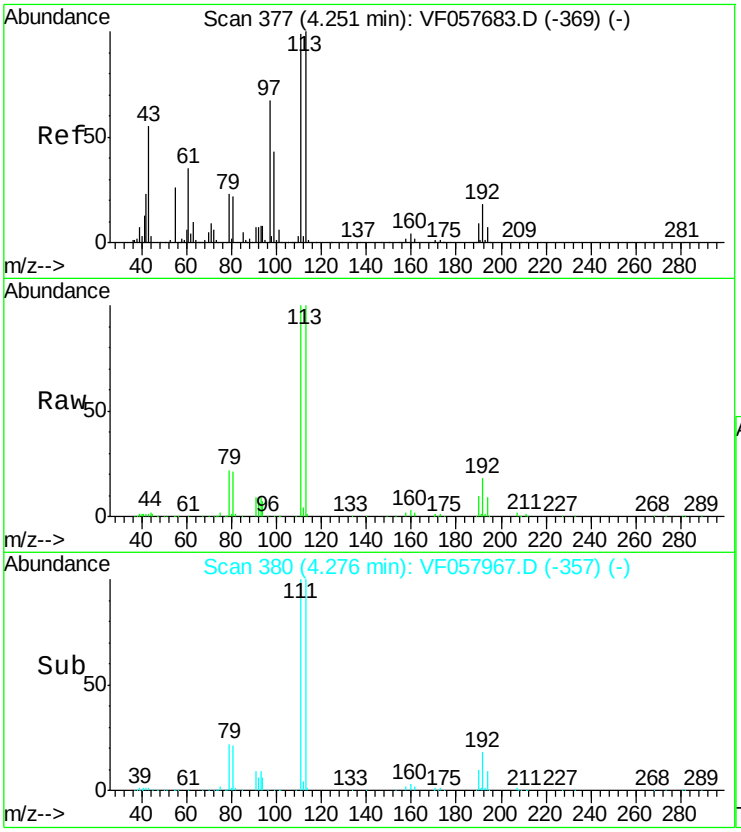


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.74 min Scan# 529
Delta R.T. 0.02 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Tgt Ion:114 Resp: 610311

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.8
88	17.9	0.0	37.2



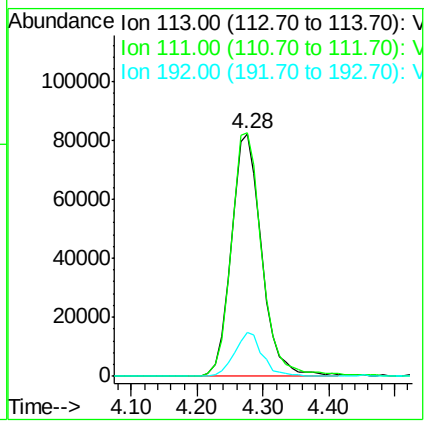


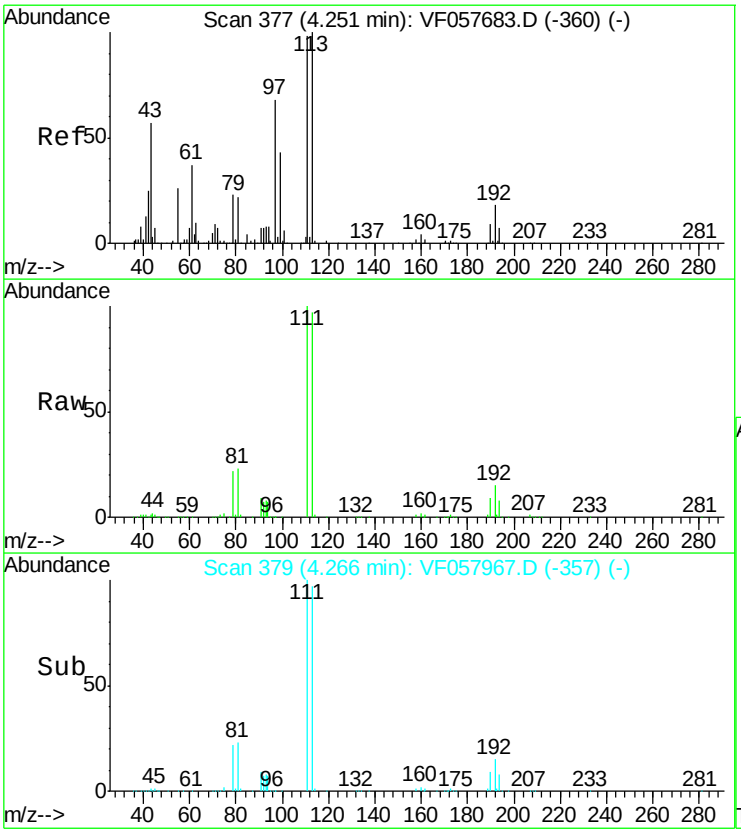
#35
Dibromofluoromethane
Concen: 60.68 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.03 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 264789

Ion	Ratio	Lower	Upper
113	100		
111	100.2	79.1	118.7
192	17.8	14.5	21.7

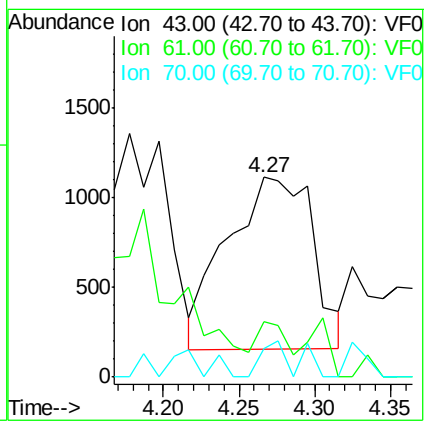


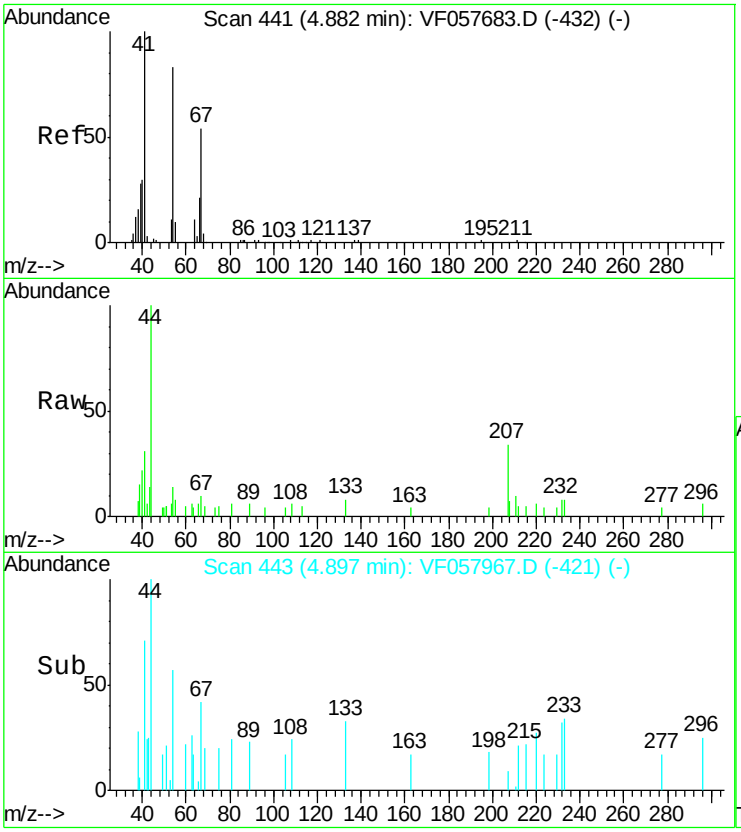


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.27 min Scan# 379
Delta R.T. 0.02 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Tgt Ion: 43 Resp: 3777

Ion	Ratio	Lower	Upper
43	100		
61	27.6	49.4	74.2#
70	14.1	7.6	11.4#



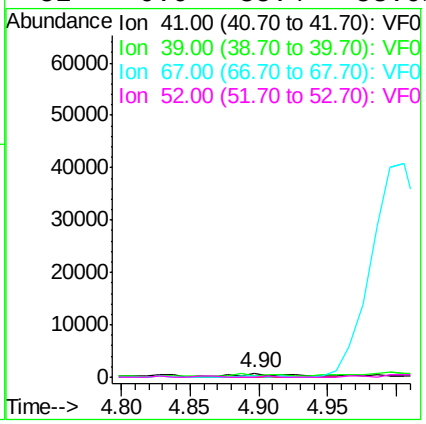


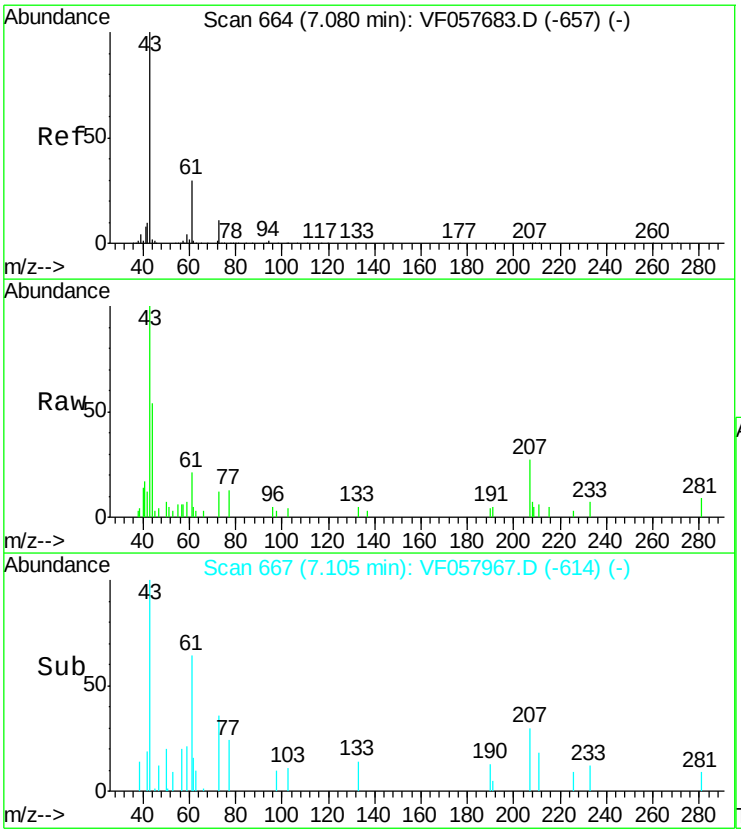
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.90 min Scan# 443
Delta R.T. 0.02 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 2375

Ion	Ratio	Lower	Upper
41	100		
39	47.4	49.0	73.4#
67	32.7	41.3	61.9#
52	0.0	35.4	53.0#

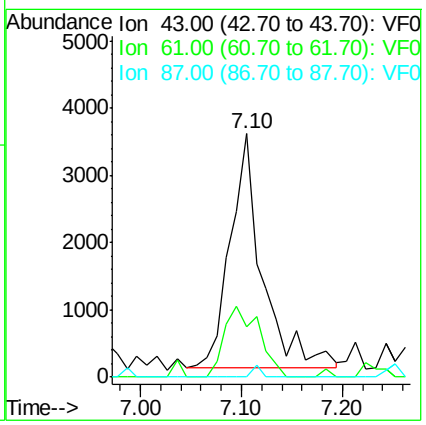


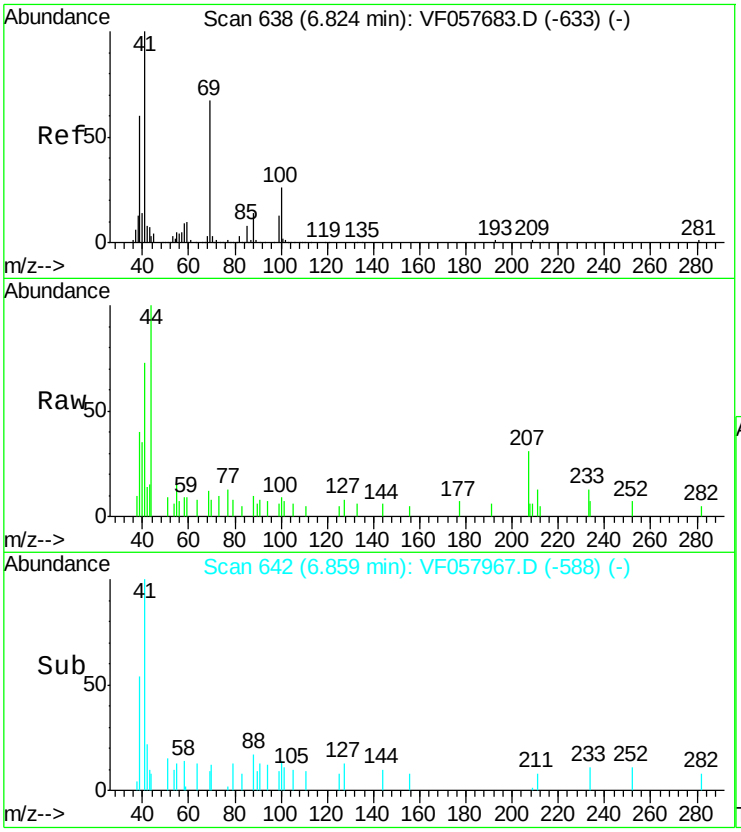


#43
Isopropyl Acetate
Concen: 1.65 ug/l
RT: 7.10 min Scan# 667
Delta R.T. 0.03 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Tgt Ion: 43 Resp: 7577

Ion	Ratio	Lower	Upper
43	100		
61	20.7	23.8	35.6#
87	0.0	0.3	0.5#



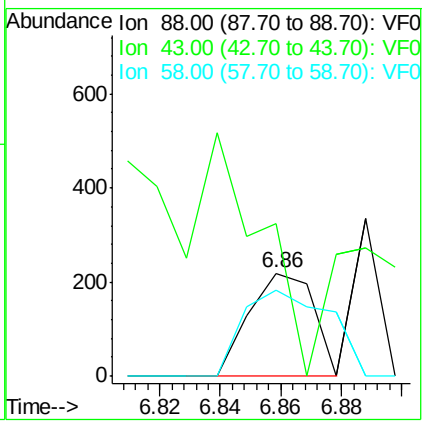


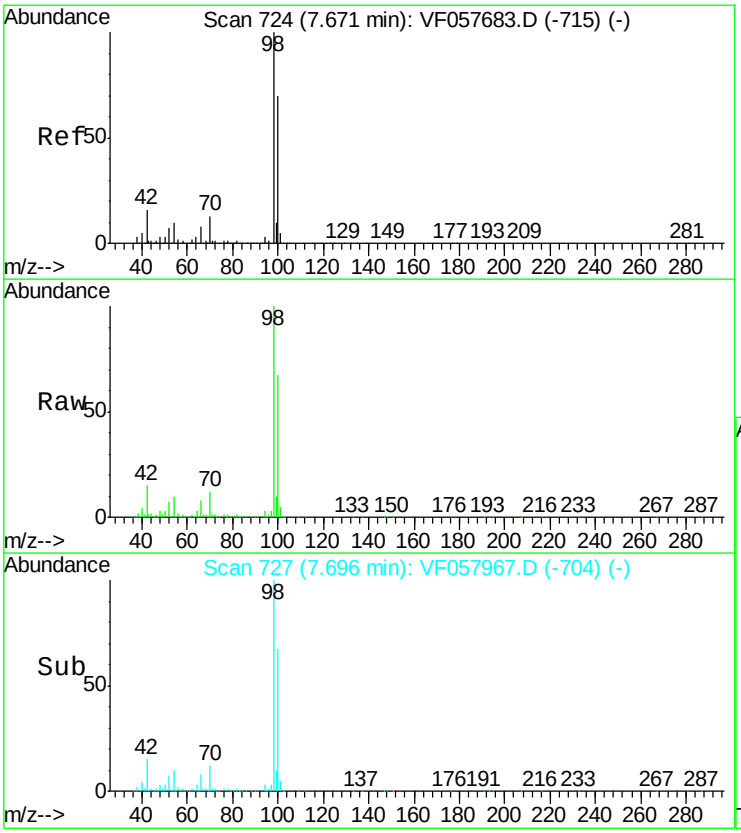
#49
1,4-Dioxane
Concen: 13.75 ug/l
RT: 6.86 min Scan# 642
Delta R.T. 0.03 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 322

Ion	Ratio	Lower	Upper
88	100		
43	147.5	83.2	124.8#
58	84.0	56.6	85.0

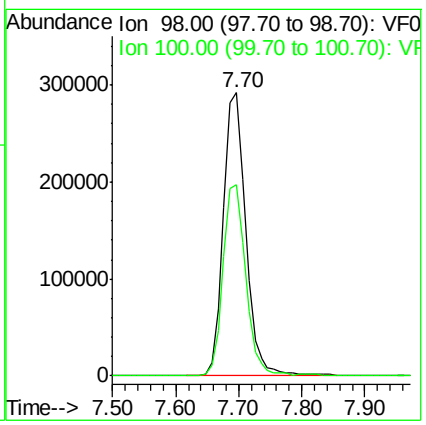


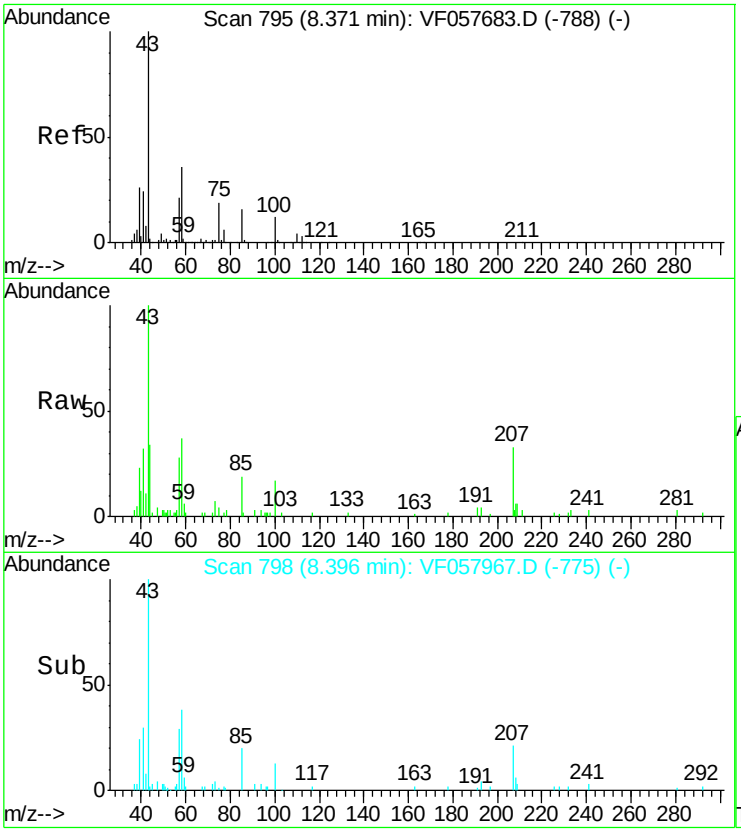


#50
Toluene-d8
Concen: 54.19 ug/l
RT: 7.70 min Scan# 727
Delta R.T. 0.03 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Tgt Ion: 98 Resp: 725129

Ion	Ratio	Lower	Upper
98	100		
100	67.4	55.8	83.6



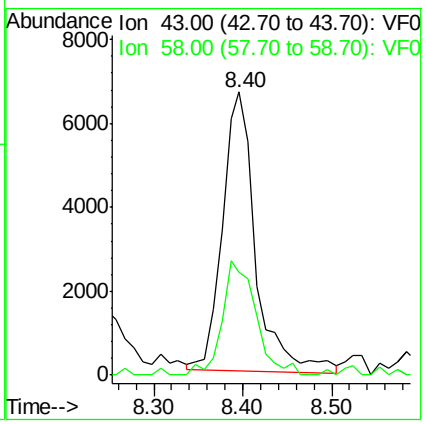


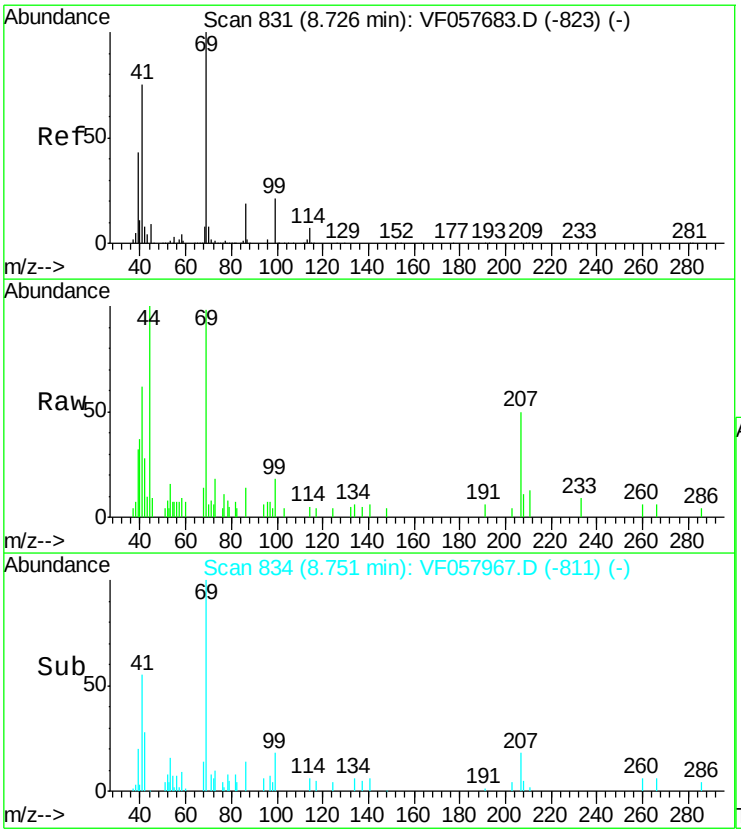
#51
4-Methyl-2-Pentanone
Concen: Below Cal
RT: 8.40 min Scan# 798
Delta R.T. 0.03 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 17400

Ion	Ratio	Lower	Upper
43	100		
58	36.5	28.3	42.5

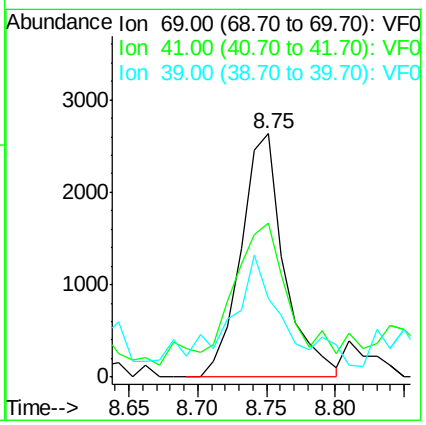


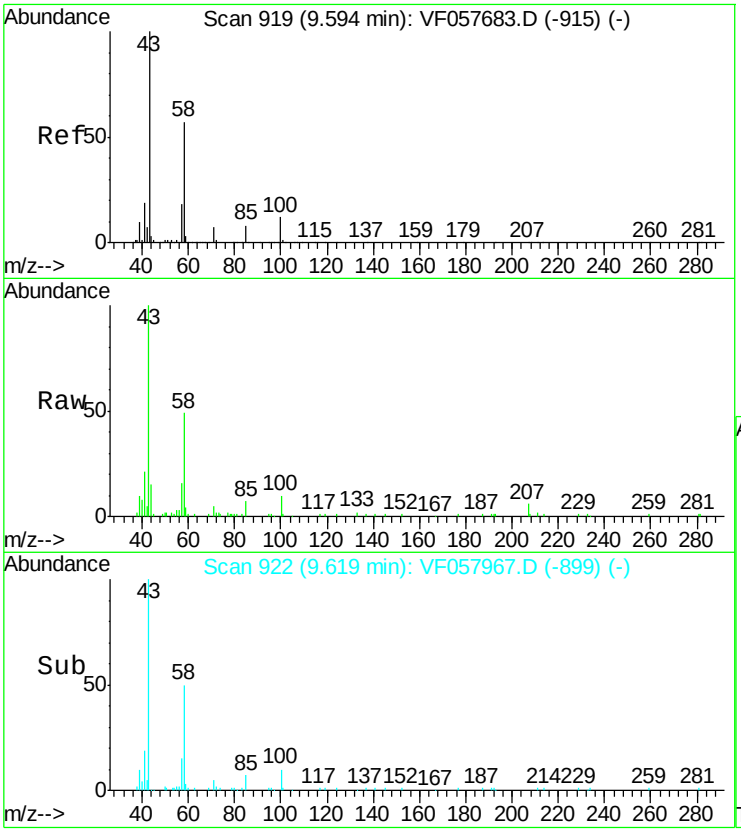


#56
Ethyl methacrylate
Concen: 1.16 ug/l
RT: 8.75 min Scan# 834
Delta R.T. 0.03 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Tgt Ion: 69 Resp: 5785

Ion	Ratio	Lower	Upper
69	100		
41	63.5	61.1	91.7
39	32.5	35.3	52.9#



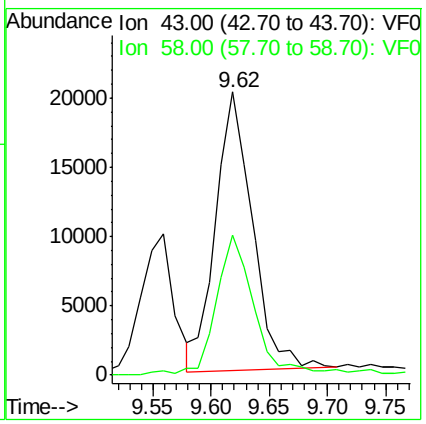


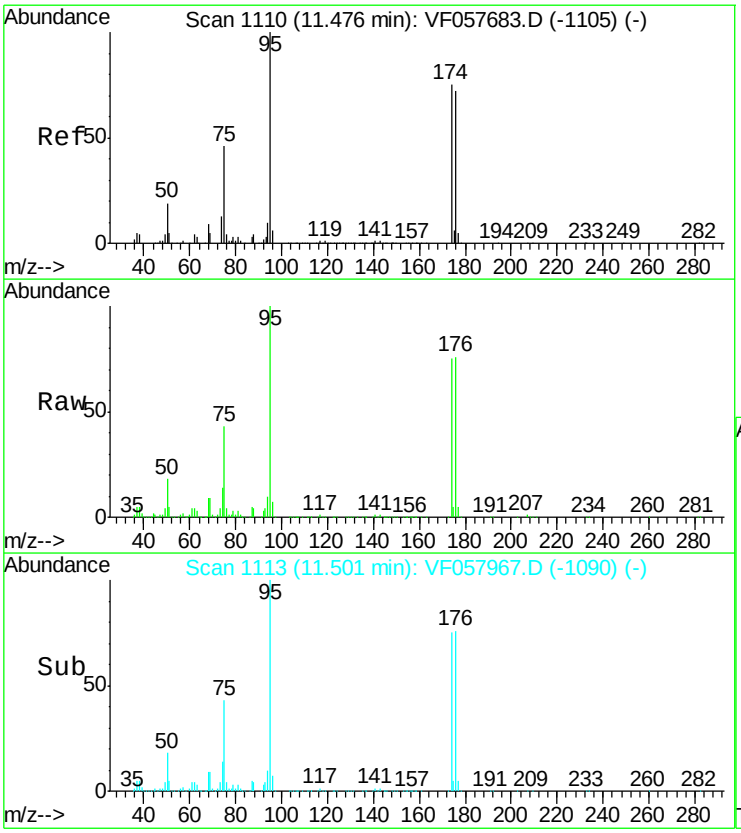
#59
2-Hexanone
Concen: Below Cal
RT: 9.62 min Scan# 922
Delta R.T. 0.03 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 44209

Ion	Ratio	Lower	Upper
43	100		
58	49.3	25.4	76.4

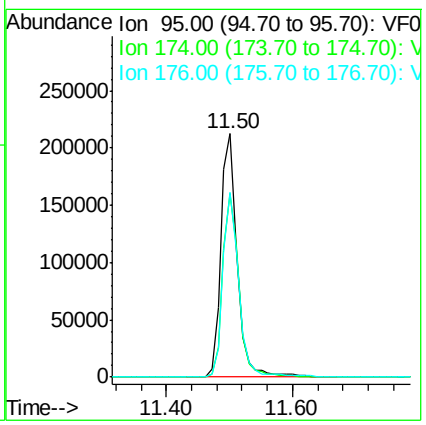


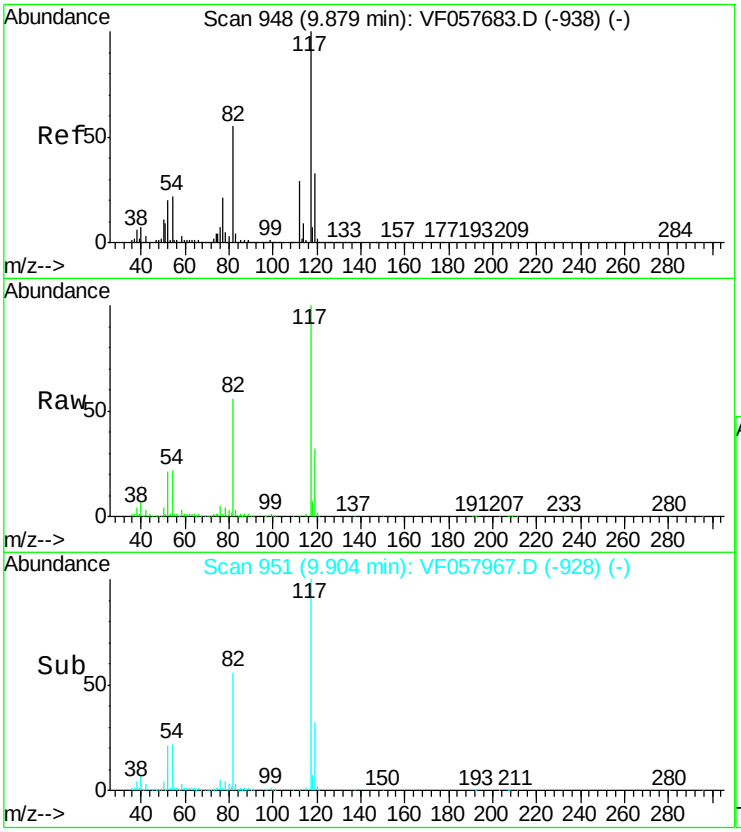


#62
4-Bromofluorobenzene
Concen: 57.43 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Tgt Ion: 95 Resp: 385670

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	149.8
176	76.0	0.0	143.0



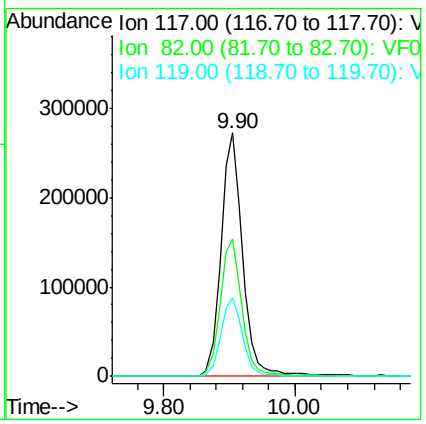


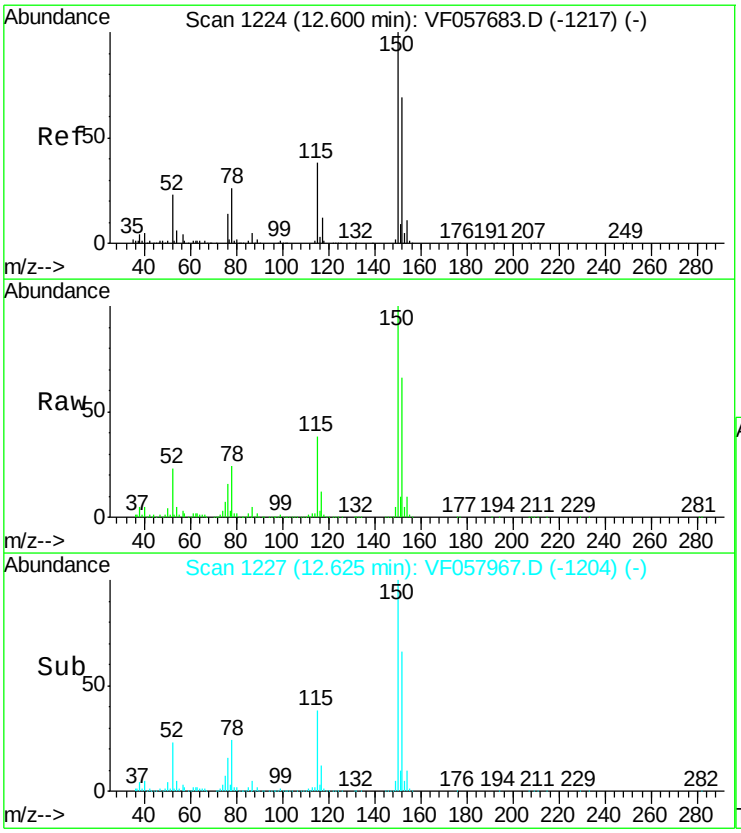
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. 0.03 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 623866

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.6	66.8
119	32.2	26.6	39.8

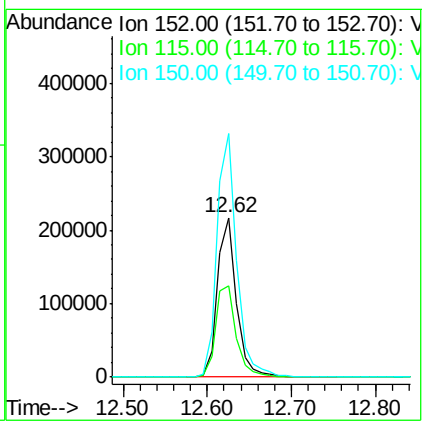


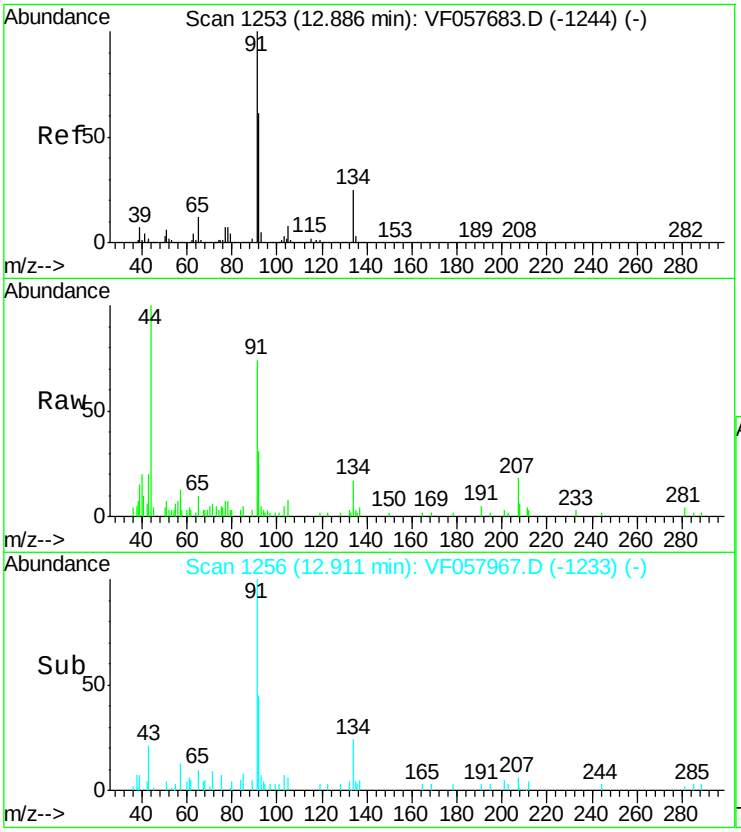


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.03 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Tgt Ion:152 Resp: 342799

Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.4	85.2
150	152.5	0.0	316.6





#89
n-Butylbenzene
Concen: Below Cal
RT: 12.91 min Scan# 1256
Delta R.T. 0.03 min
Lab File: VF057967.D
Acq: 23 May 2018 3:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 6436

Ion	Ratio	Lower	Upper
91	100		
92	41.7	30.3	91.0
134	22.6	12.7	38.1