Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062818\
Data File : VF059371.D
Acq On : 28 Jun 2018 20:11
Operator : VA/AP
Sample : J3746-02
Misc : 10.79g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-GF-01-009-A

Quant Time: Jun 29 03:12:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	237229	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.76	114	361506	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	351192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	191839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	143696	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.76%			
35) Dibromofluoromethane	4.29	113	139116	52.67	ug/l	0.02
Spiked Amount 50.000			Recovery = 105.34%			
50) Toluene-d8	7.71	98	285053	43.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.18%			
62) 4-Bromofluorobenzene	11.51	95	164263	44.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.06%			
Target Compounds						Qvalue
5) Bromomethane	1.36	94	396	Below Cal	#	4
11) Tert butyl alcohol	2.69	59	1787	8.758	ug/l #	81
13) Acrolein	2.09	56	554	Below Cal	#	11
15) Acrylonitrile	3.04	53	584	1.625	ug/l #	32
16) Acetone	2.33	43	25824	24.538	ug/l	98
18) Methyl Acetate	2.46	43	4121	1.858	ug/l #	61
20) Methylene Chloride	2.27	84	4670	Below Cal		94
25) 2-Butanone	4.50	43	1152	Below Cal	#	59
28) Bromochloromethane	3.90	49	179	Below Cal	#	6
29) Tetrahydrofuran	4.27	42	2111	Below Cal	#	78
37) Ethyl Acetate	4.36	43	726	Below Cal	#	76
39) Methylcyclohexane	5.76	83	4307	1.539	ug/l #	36
49) 1,4-Dioxane	7.12	88	67	Below Cal	#	20
59) 2-Hexanone	9.60	43	130	Below Cal		89
87) 1,3-Dichlorobenzene	12.56	146	662	Below Cal	#	65

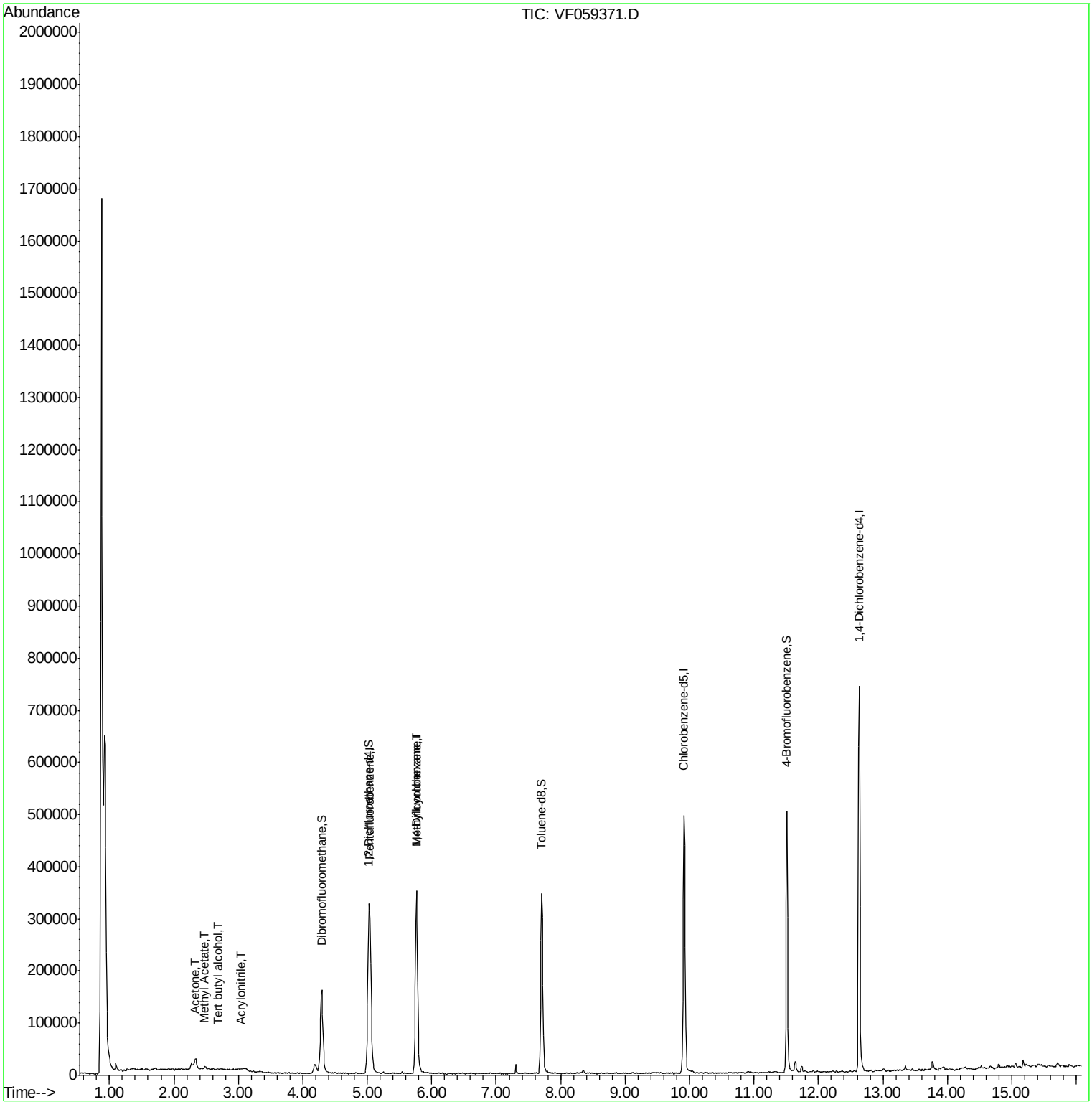
(#) = qualifier out of range (m) = manual integration (+) = signals summed

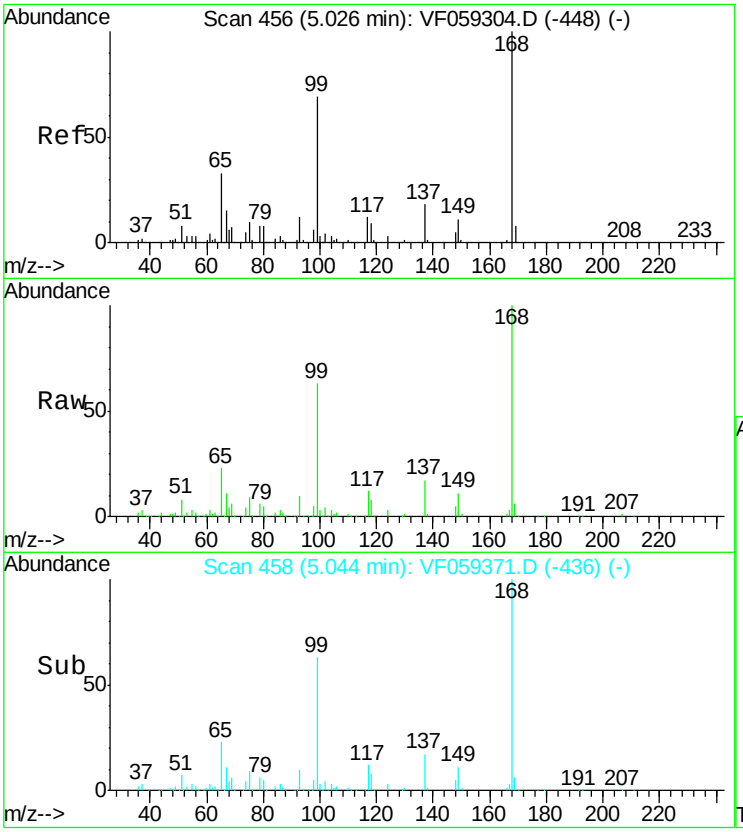
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062818\
Data File : VF059371.D
Acq On : 28 Jun 2018 20:11
Operator : VA/AP
Sample : J3746-02
Misc : 10.79g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
FK-GF-01-009-A

Quant Time: Jun 29 03:12:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration



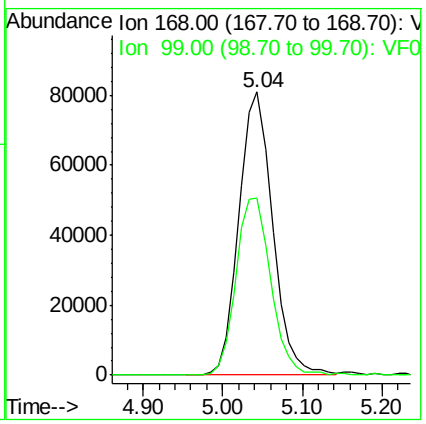


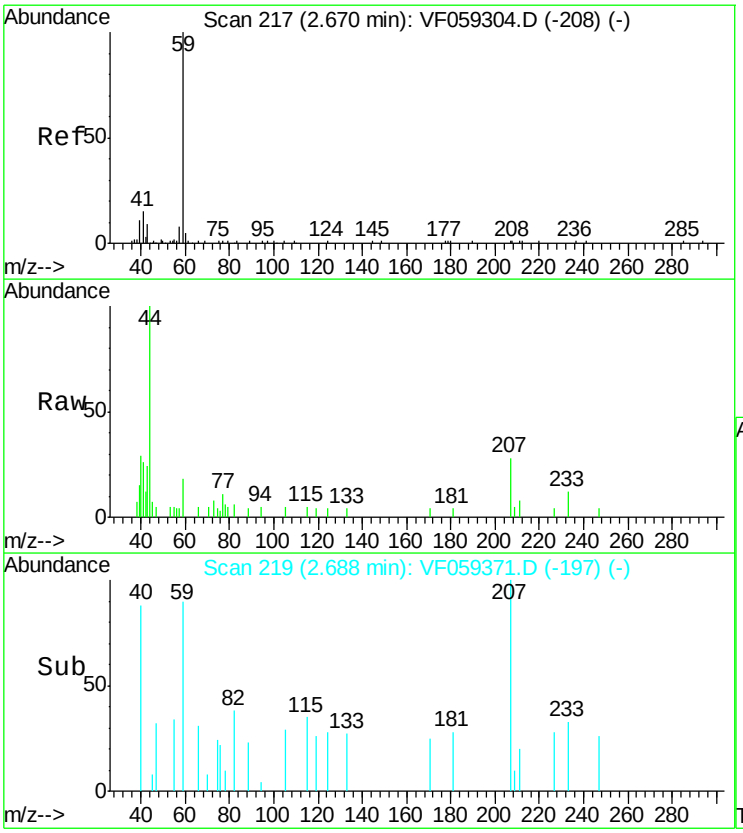
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 458
Delta R.T. 0.02 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Tgt Ion:168 Resp: 237229

Ion	Ratio	Lower	Upper
168	100		
99	62.6	54.9	82.3

Instrument :
MSVOA_F
ClientSampleId :
FK-GF-01-009-A

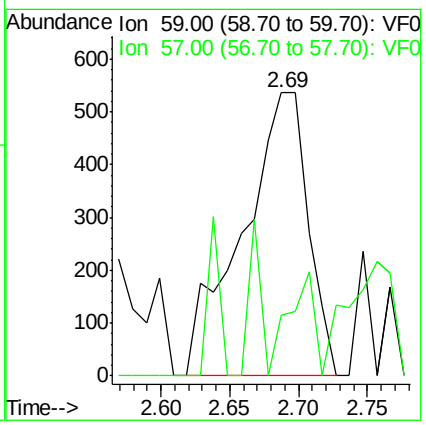


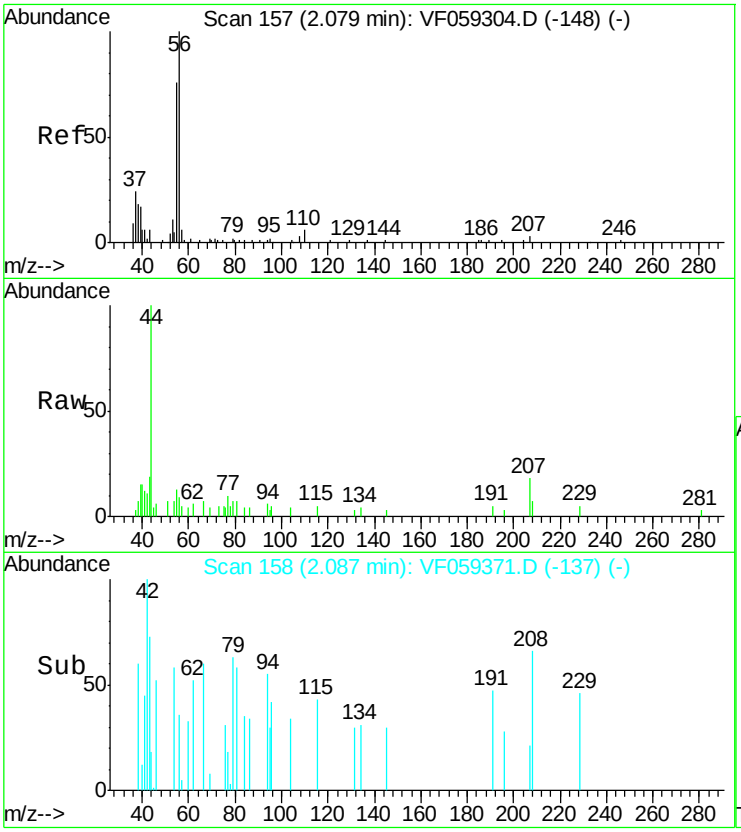


#11
Tert butyl alcohol
Concen: 8.758 ug/l
RT: 2.69 min Scan# 219
Delta R.T. 0.02 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Tgt Ion: 59 Resp: 1787

Ion	Ratio	Lower	Upper
59	100		
57	21.3	11.0	16.4#



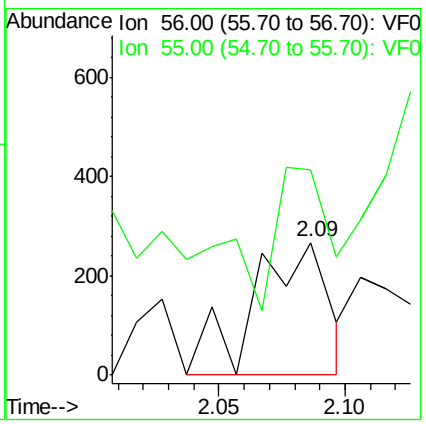


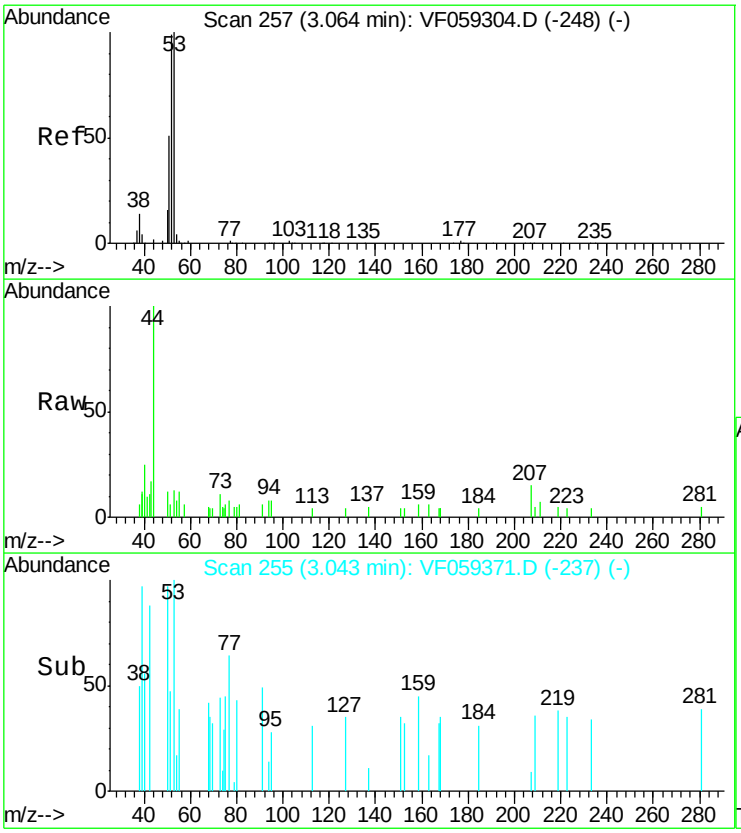
#13
Acrolein
Concen: Below Cal
RT: 2.09 min Scan# 158
Delta R.T. 0.01 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Instrument :
MSVOA_F
ClientSampleId :
FK-GF-01-009-A

Tgt Ion: 56 Resp: 554

Ion	Ratio	Lower	Upper
56	100		
55	155.1	62.4	93.6#

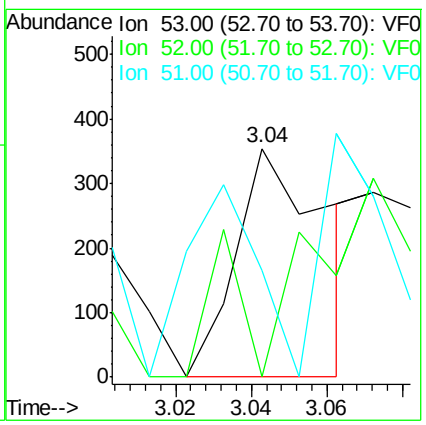


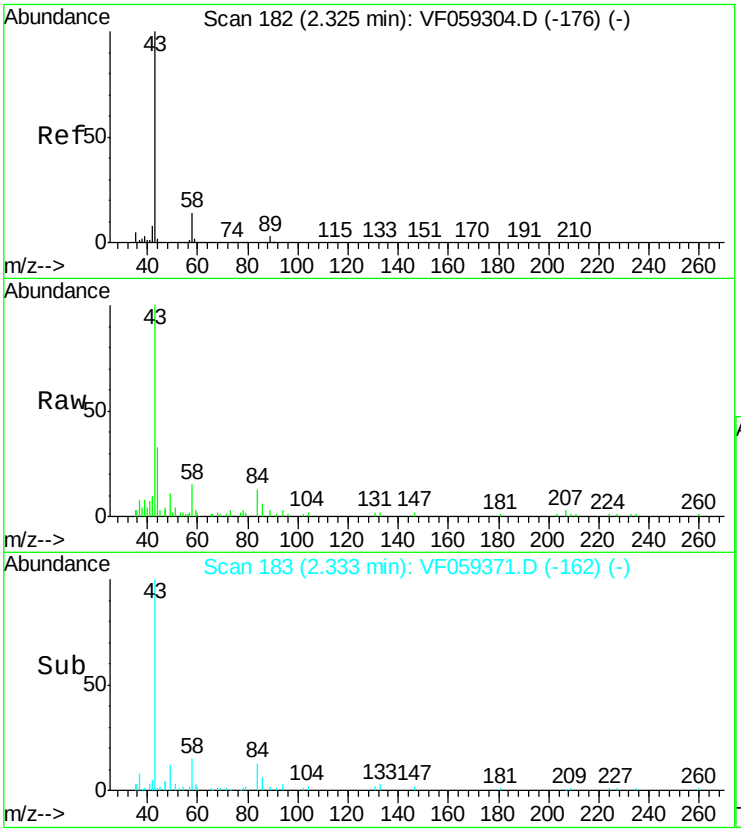


#15
Acrylonitrile
Concen: 1.625 ug/l
RT: 3.04 min Scan# 255
Delta R.T. -0.02 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Tgt Ion: 53 Resp: 584

Ion	Ratio	Lower	Upper
53	100		
52	0.0	79.2	118.8#
51	46.6	40.9	61.3



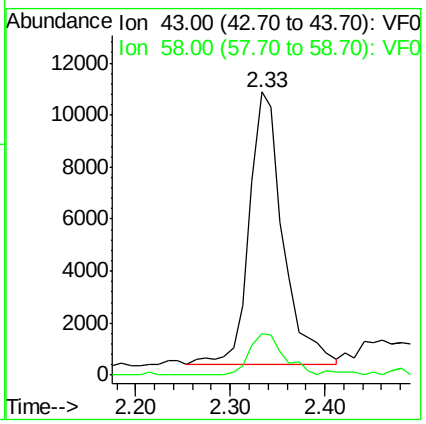


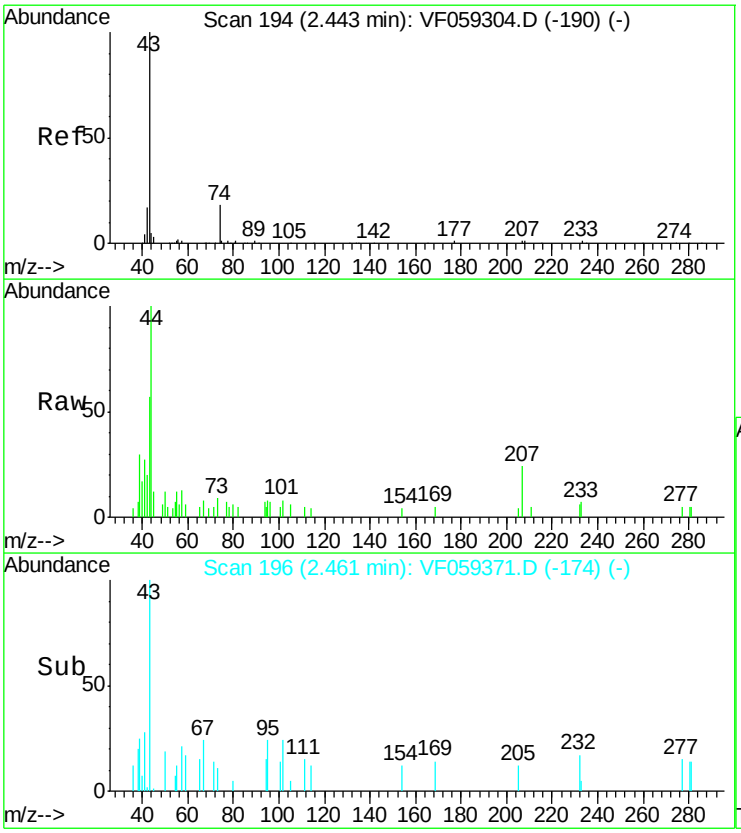
#16
Acetone
Concen: 24.538 ug/l
RT: 2.33 min Scan# 183
Delta R.T. 0.01 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Instrument :
MSVOA_F
ClientSampleId :
FK-GF-01-009-A

Tgt Ion: 43 Resp: 25824

Ion	Ratio	Lower	Upper
43	100		
58	14.8	11.4	17.0

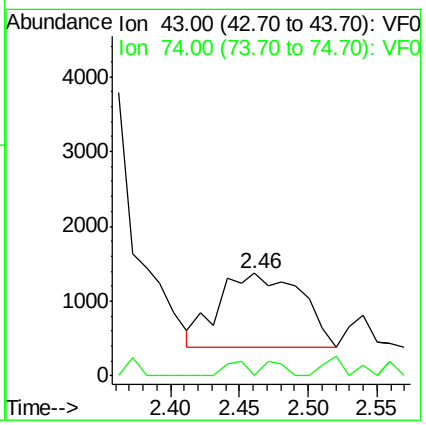


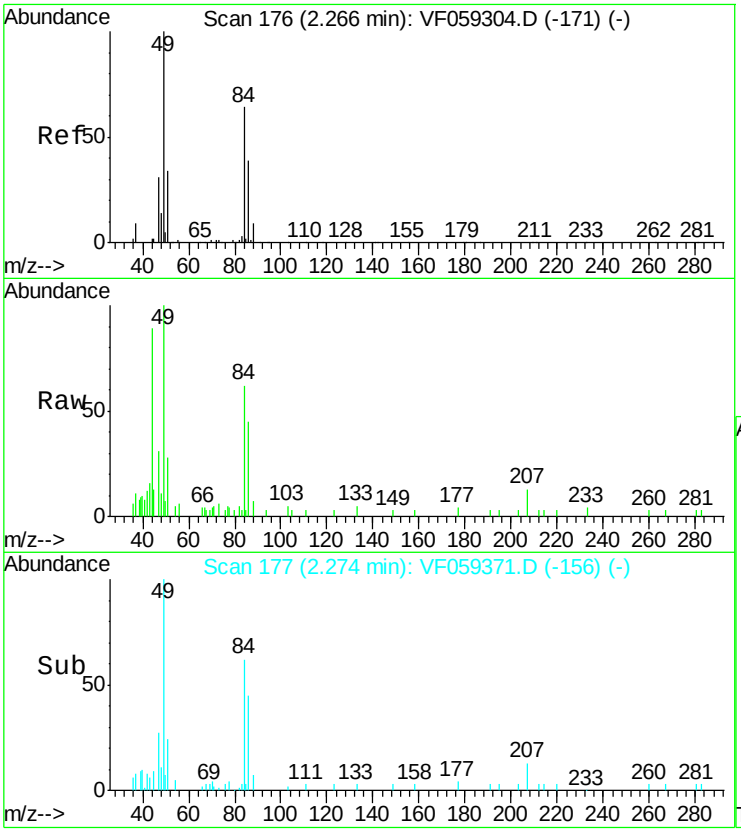


#18
Methyl Acetate
Concen: 1.858 ug/l
RT: 2.46 min Scan# 196
Delta R.T. 0.02 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Tgt Ion: 43 Resp: 4121

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#



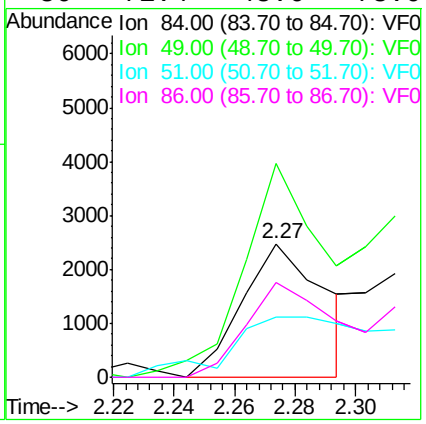


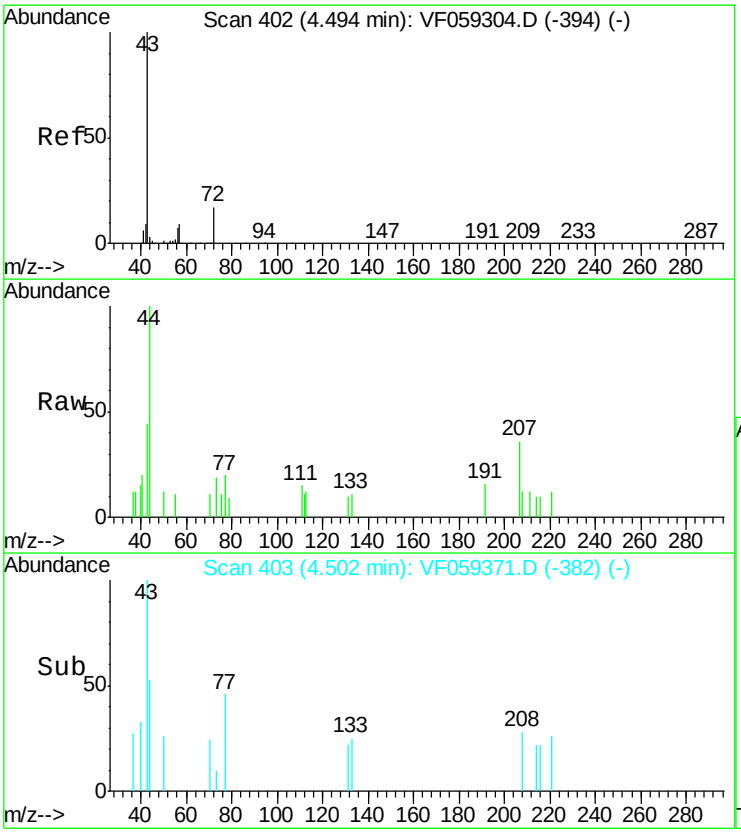
#20
Methylene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 177
Delta R.T. 0.01 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Instrument : MSVOA_F
ClientSampleId : FK-GF-01-009-A

Tgt Ion: 84 Resp: 4670

Ion	Ratio	Lower	Upper
84	100		
49	160.3	126.5	189.7
51	45.6	42.9	64.3
86	71.4	48.6	73.0

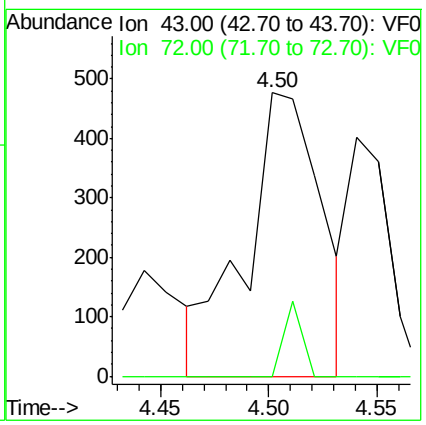


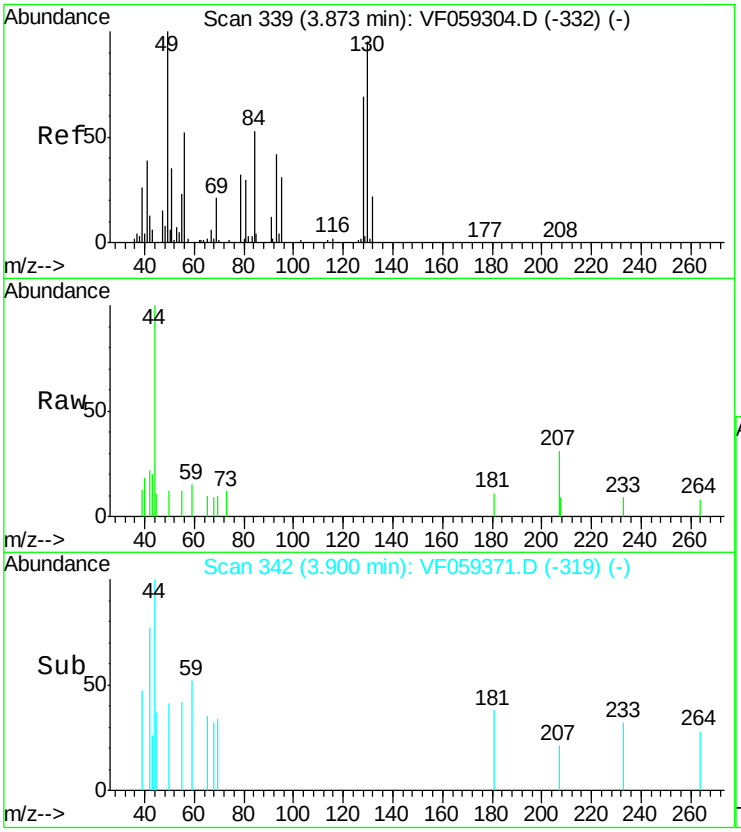


#25
2-Butanone
Concen: Below Cal
RT: 4.50 min Scan# 403
Delta R.T. 0.01 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Tgt Ion: 43 Resp: 1152

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	21.6#



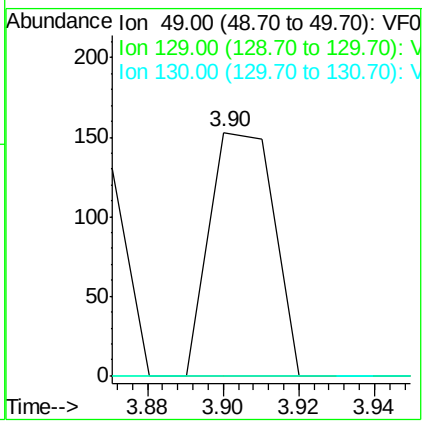


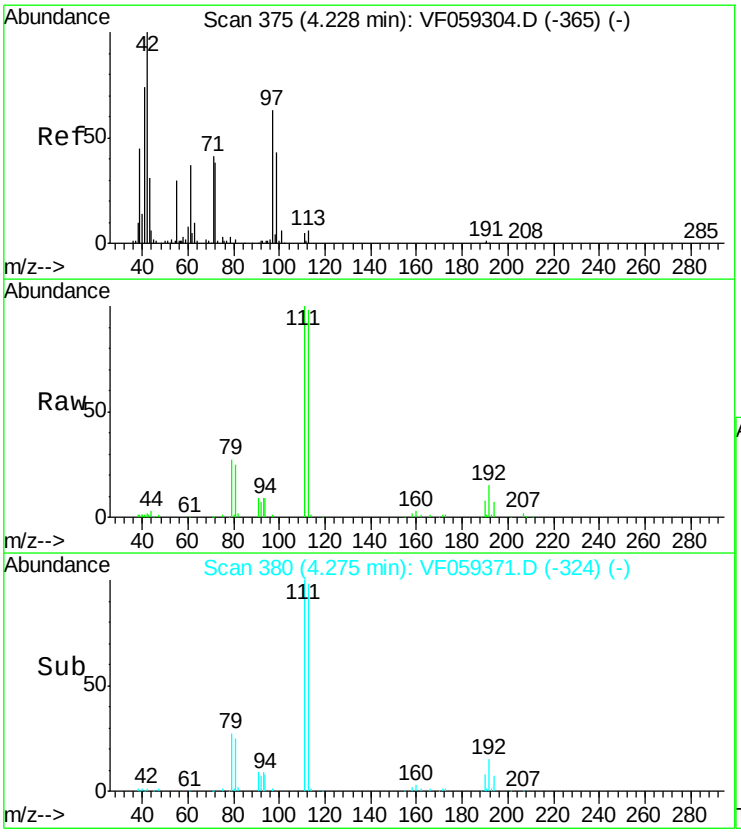
#28
Bromochloromethane
Concen: Below Cal
RT: 3.90 min Scan# 342
Delta R.T. 0.03 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Instrument : MSVOA_F
ClientSampleId : FK-GF-01-009-A

Tgt Ion: 49 Resp: 179

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.4
130	0.0	75.1	112.7#

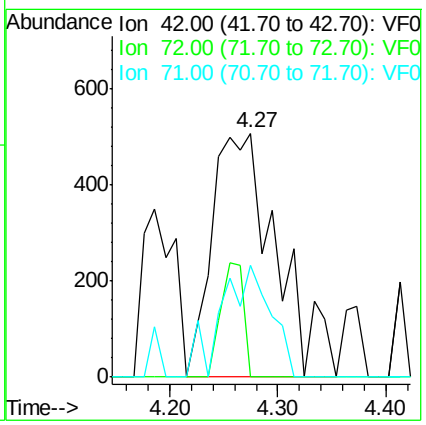


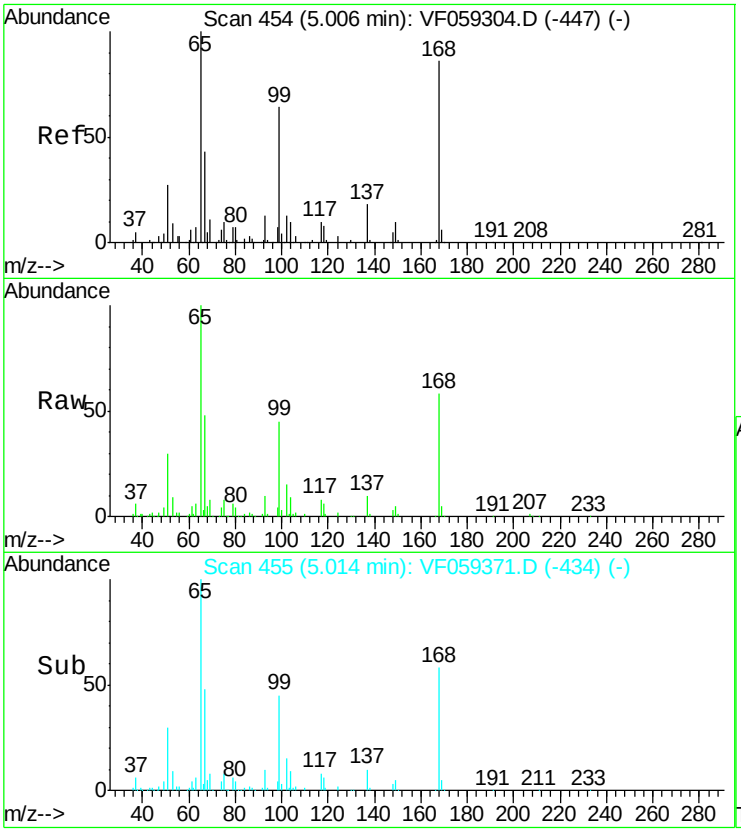


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.27 min Scan# 380
Delta R.T. 0.05 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Tgt Ion: 42 Resp: 2111

Ion	Ratio	Lower	Upper
42	100		
72	16.5	30.5	45.7#
71	34.9	32.5	48.7



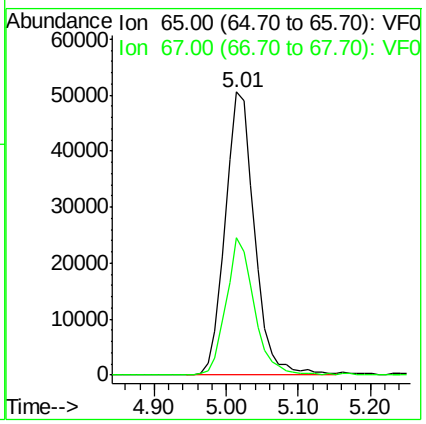


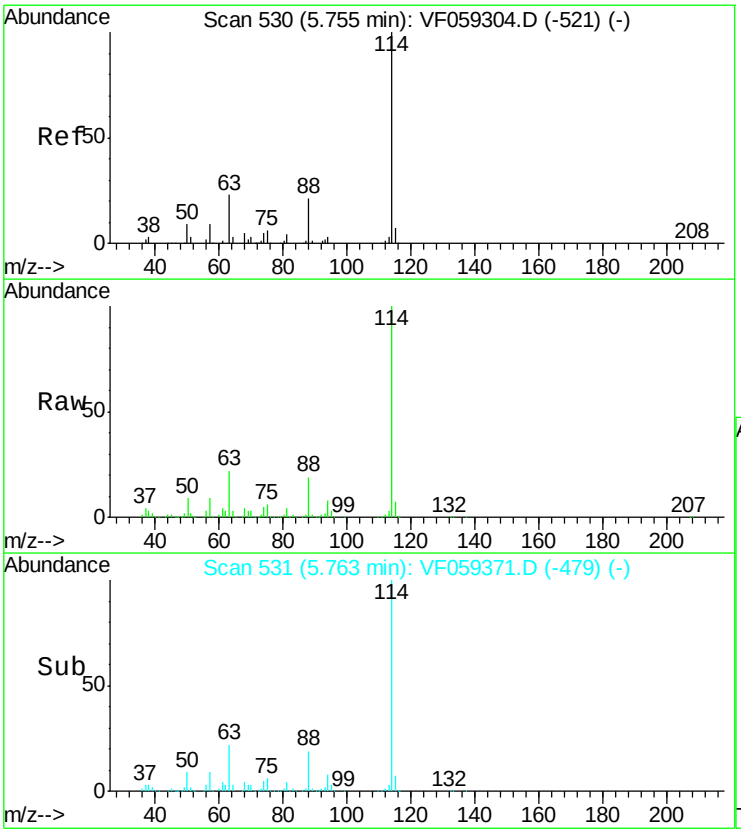
#33
1,2-Dichloroethane-d4
Concen: 46.883 ug/l
RT: 5.01 min Scan# 455
Delta R.T. 0.01 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Instrument :
MSVOA_F
ClientSampleId :
FK-GF-01-009-A

Tgt Ion: 65 Resp: 143696

Ion	Ratio	Lower	Upper
65	100		
67	48.5	0.0	96.8

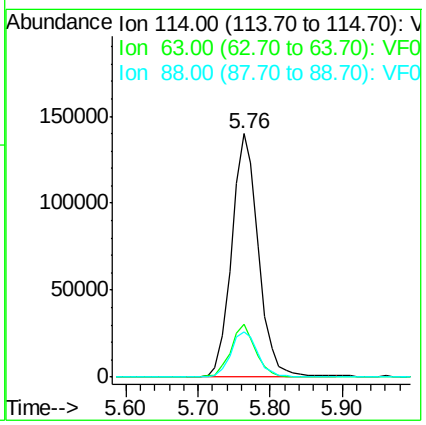


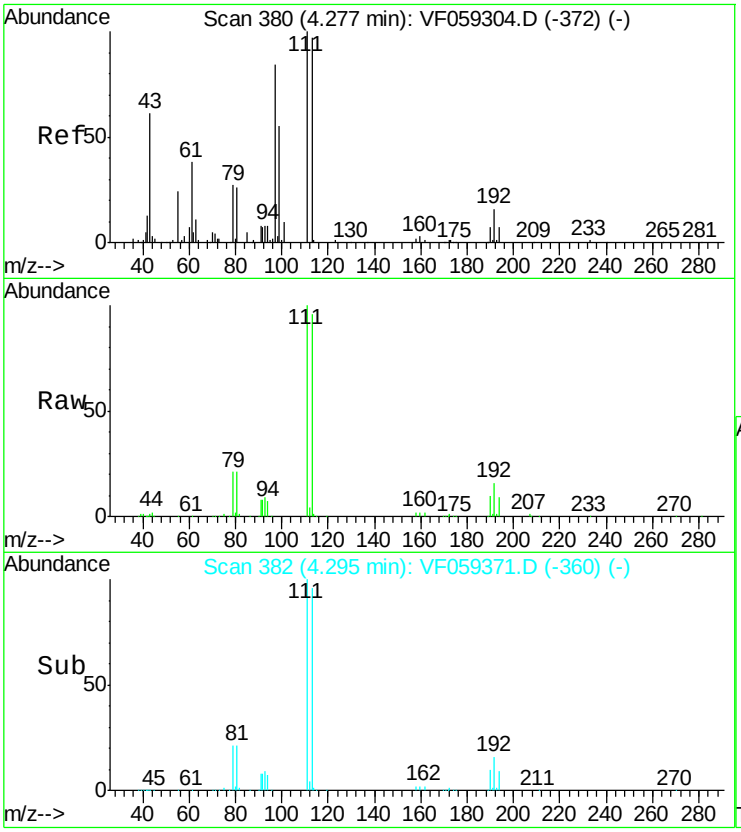


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 531
Delta R.T. 0.01 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Tgt Ion:114 Resp: 361506

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	45.8
88	18.7	0.0	41.2



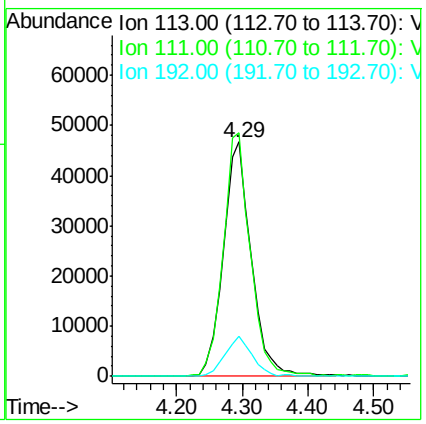


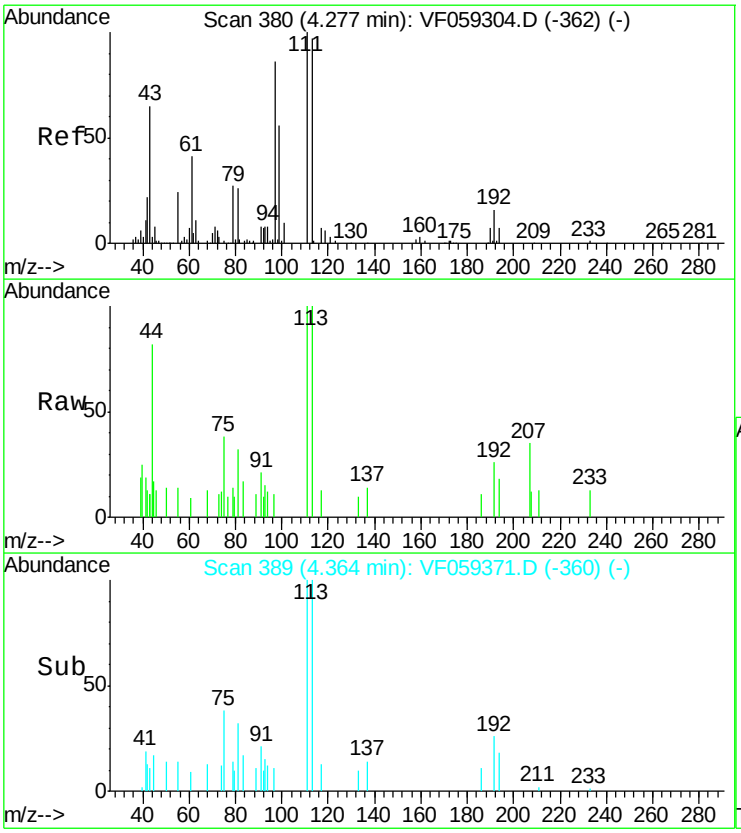
#35
Dibromofluoromethane
Concen: 52.667 ug/l
RT: 4.29 min Scan# 382
Delta R.T. 0.02 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Instrument :
MSVOA_F
ClientSampleId :
FK-GF-01-009-A

Tgt Ion:113 Resp: 139116

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.1	123.1
192	17.0	13.0	19.6

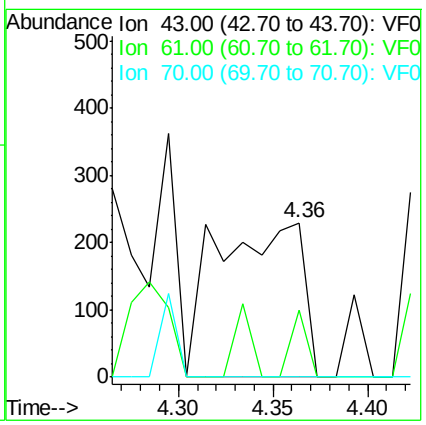


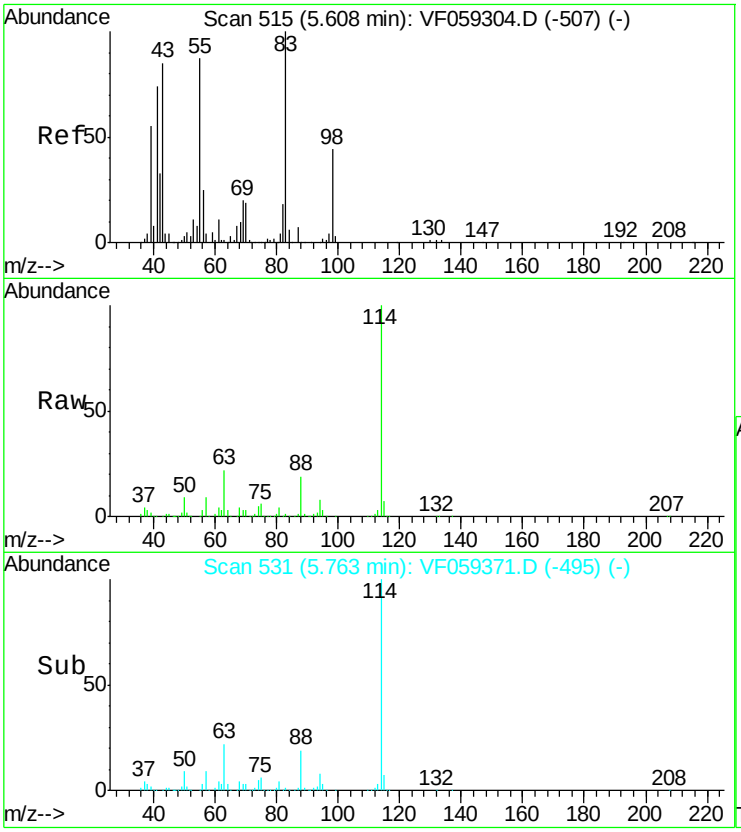


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.36 min Scan# 389
Delta R.T. 0.09 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Tgt Ion: 43 Resp: 726

Ion	Ratio	Lower	Upper
43	100		
61	43.7	50.1	75.1#
70	0.0	6.2	9.4#



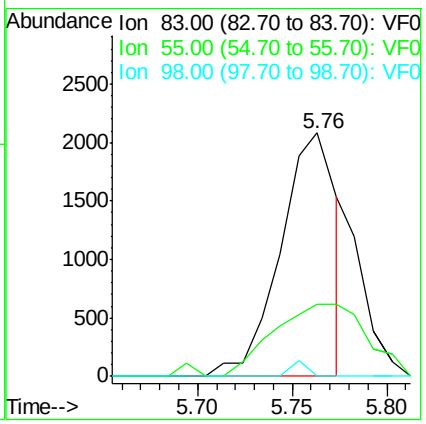


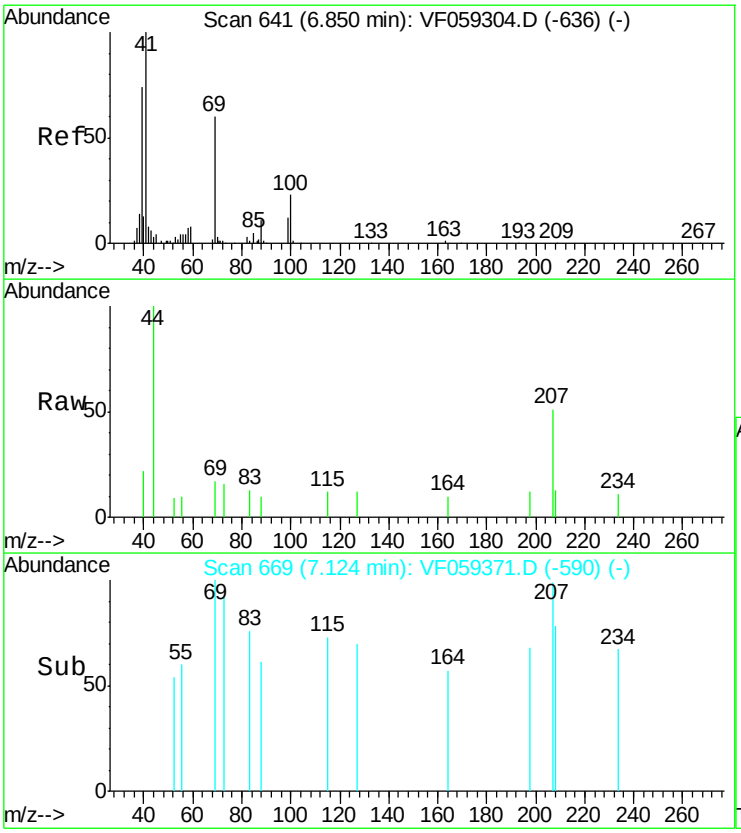
#39
Methylcyclohexane
Concen: 1.539 ug/l
RT: 5.76 min Scan# 531
Delta R.T. 0.16 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Instrument :
MSVOA_F
ClientSampleId :
FK-GF-01-009-A

Tgt Ion: 83 Resp: 4307

Ion	Ratio	Lower	Upper
83	100		
55	29.5	69.2	103.8#
98	0.0	35.0	52.6#

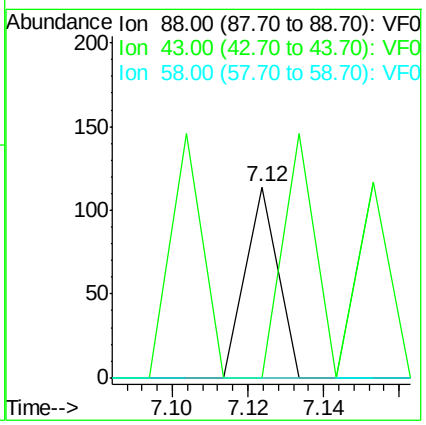


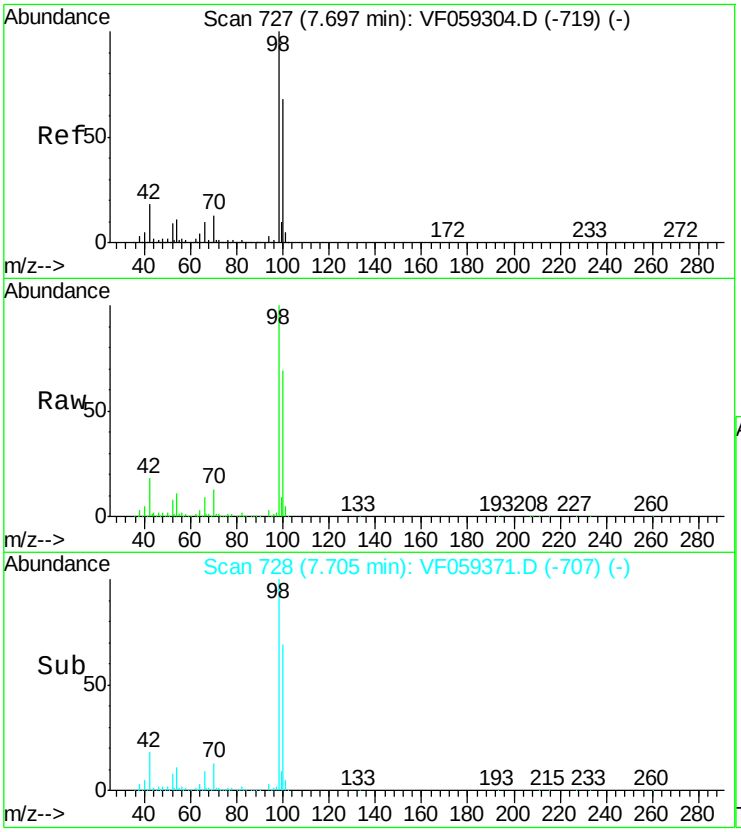


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.12 min Scan# 669
Delta R.T. 0.27 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	0.0	50.6	75.8#
58	0.0	46.6	69.8#



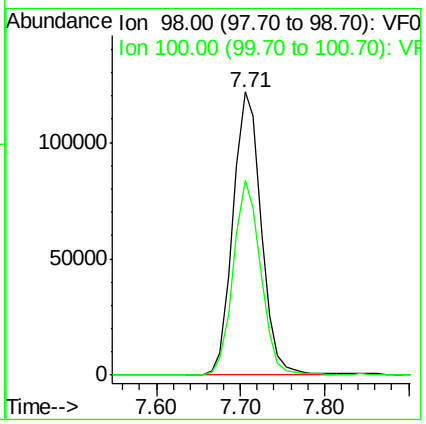


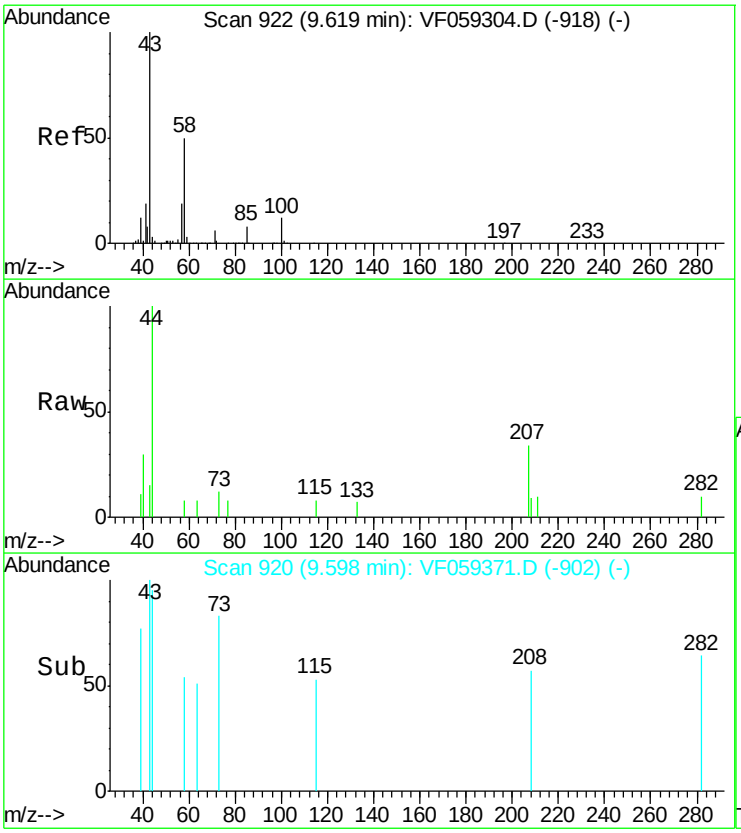
#50
Toluene-d8
Concen: 43.587 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Instrument :
MSVOA_F
ClientSampleId :
FK-GF-01-009-A

Tgt Ion: 98 Resp: 285053

Ion	Ratio	Lower	Upper
98	100		
100	68.8	54.6	82.0

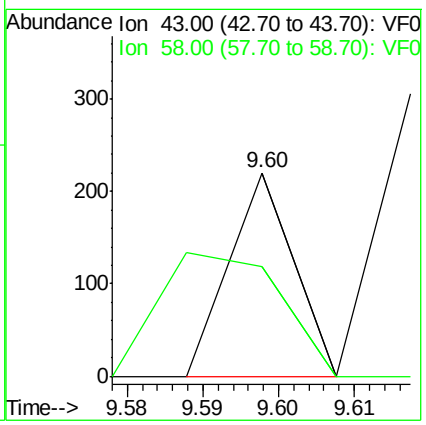


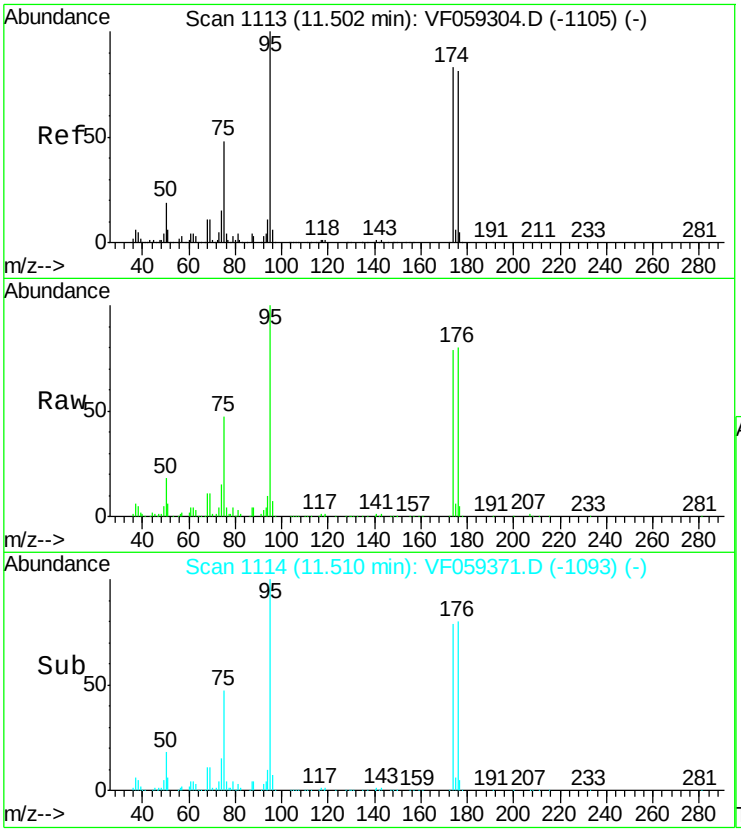


#59
2-Hexanone
Concen: Below Cal
RT: 9.60 min Scan# 920
Delta R.T. -0.02 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Tgt Ion: 43 Resp: 130

Ion	Ratio	Lower	Upper
43	100		
58	53.6	23.3	69.9



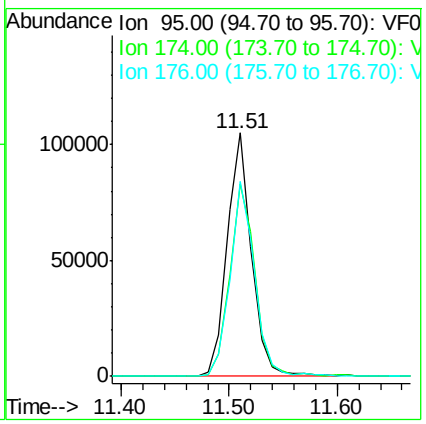


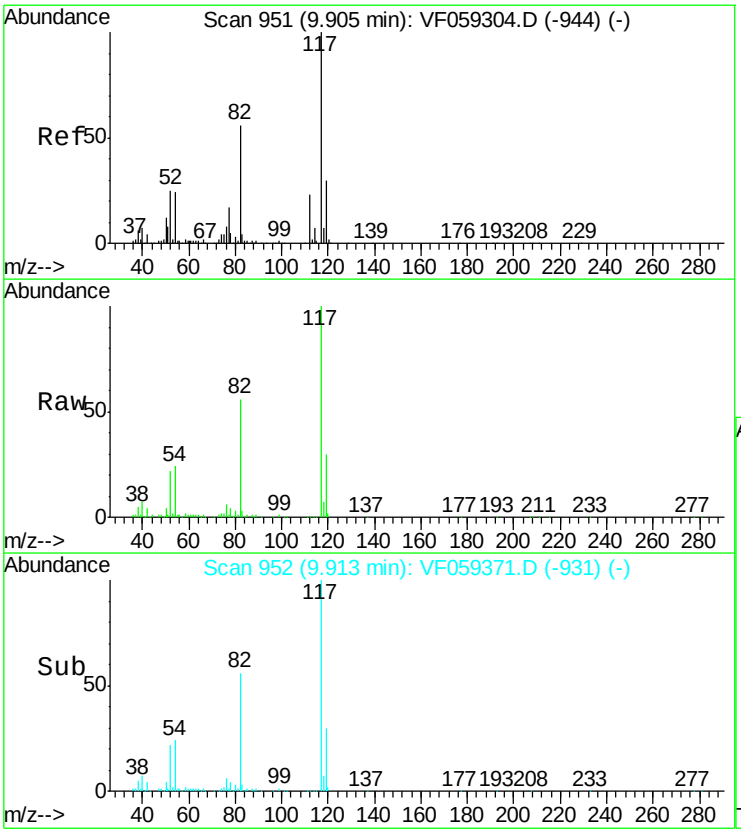
#62
4-Bromofluorobenzene
Concen: 44.527 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Instrument :
MSVOA_F
ClientSampleId :
FK-GF-01-009-A

Tgt Ion: 95 Resp: 164263

Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	165.2
176	80.0	0.0	161.0

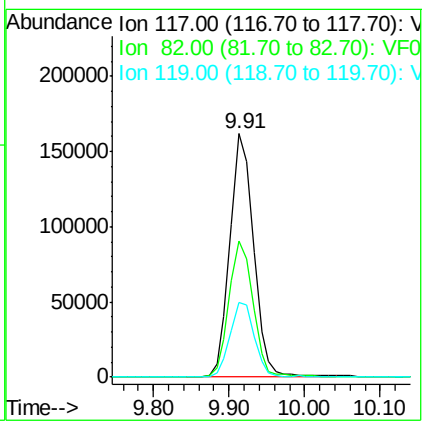


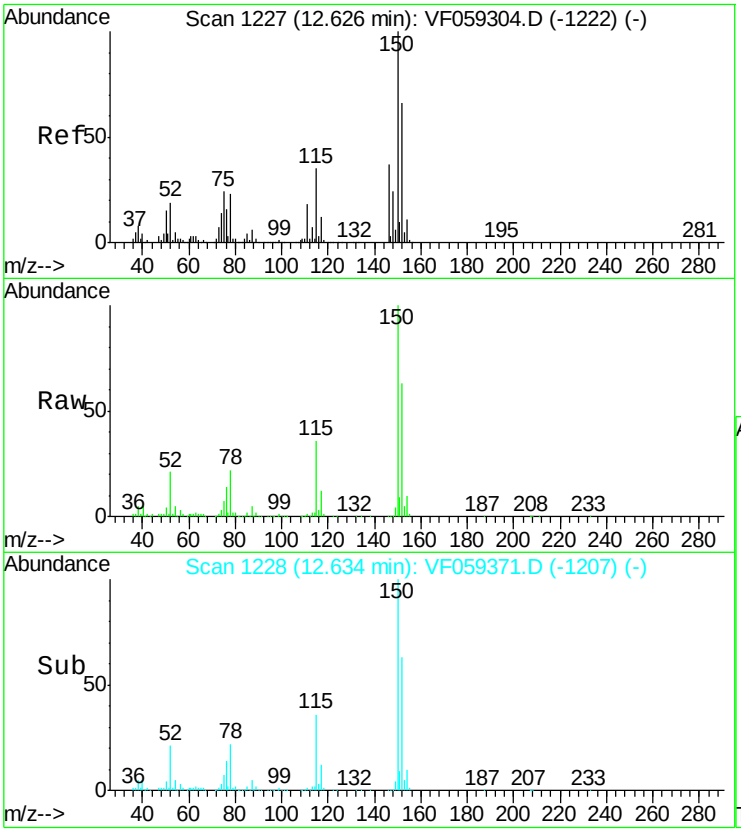


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Tgt Ion:117 Resp: 351192

Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.6	66.8
119	30.4	24.1	36.1



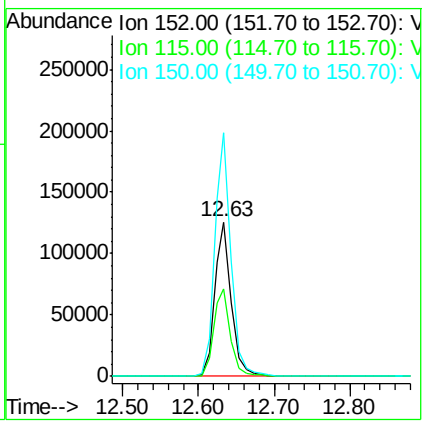


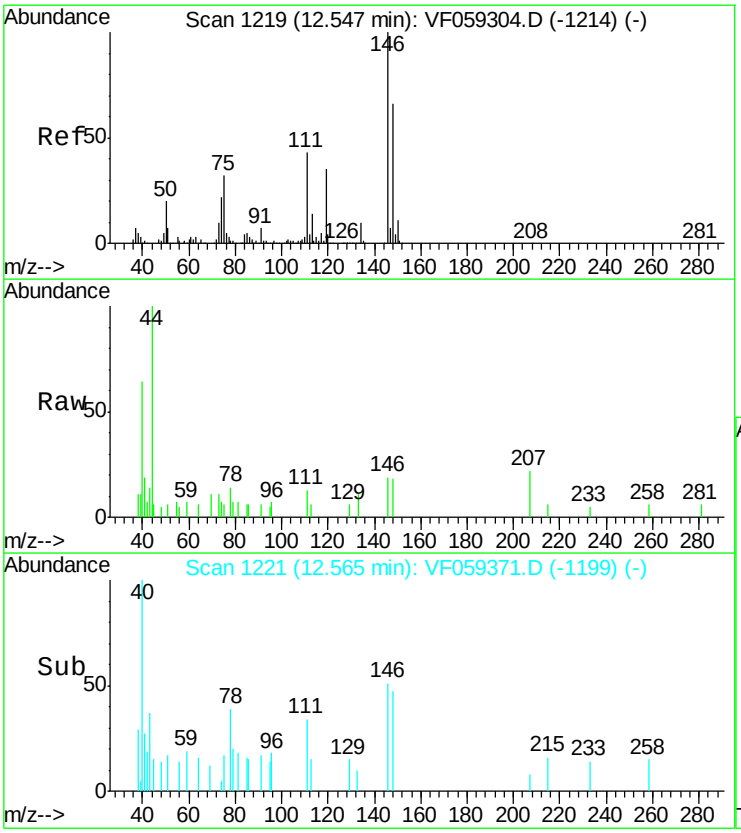
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.01 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Instrument : MSVOA_F
ClientSampleId : FK-GF-01-009-A

Tgt Ion:152 Resp: 191839

Ion	Ratio	Lower	Upper
152	100		
115	57.1	27.1	81.3
150	158.1	0.0	305.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.56 min Scan# 1221
Delta R.T. 0.02 min
Lab File: VF059371.D
Acq: 28 Jun 2018 20:11

Tgt Ion:146 Resp: 662

Ion	Ratio	Lower	Upper
146	100		
111	66.3	21.4	64.2#
148	92.3	32.8	98.4