Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF070318\
Data File : VF059415.D
Acq On : 3 Jul 2018 16:40
Operator : VA/AP
Sample : J3245-17RE
Misc : 6.16g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CL-01-062918-A

Quant Time: Jul 04 00:12:30 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	5.01	168	240834	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.74	114	354351	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	339834	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	168478	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	169138	54.36	ug/l	-0.02
Spiked Amount 50.000			Recovery = 108.72%			
35) Dibromofluoromethane	4.26	113	147551	56.99	ug/l	-0.02
Spiked Amount 50.000			Recovery = 113.98%			
50) Toluene-d8	7.68	98	312836	48.80	ug/l	-0.02
Spiked Amount 50.000			Recovery = 97.60%			
62) 4-Bromofluorobenzene	11.48	95	158790	43.91	ug/l	-0.02
Spiked Amount 50.000			Recovery = 87.82%			
Target Compounds						Qvalue
5) Bromomethane	1.28	94	988	Below Cal	#	4
11) Tert butyl alcohol	2.68	59	873	4.214 ug/l	#	2
13) Acrolein	2.15	56	538	Below Cal		87
15) Acrylonitrile	3.03	53	932	2.555 ug/l	#	34
18) Methyl Acetate	2.43	43	6453	3.513 ug/l	#	87
20) Methylene Chloride	2.30	84	7604	Below Cal		85
25) 2-Butanone	4.47	43	290	Below Cal	#	59
28) Bromochloromethane	4.01	49	86	Below Cal	#	6
29) Tetrahydrofuran	4.27	42	928	Below Cal	#	86
37) Ethyl Acetate	4.24	43	691	Below Cal	#	80
39) Methylcyclohexane	5.74	83	4516	1.646 ug/l	#	37
49) 1,4-Dioxane	6.85	88	63	Below Cal	#	24
59) 2-Hexanone	9.69	43	282	Below Cal		97
87) 1,3-Dichlorobenzene	12.54	146	487	Below Cal	#	43

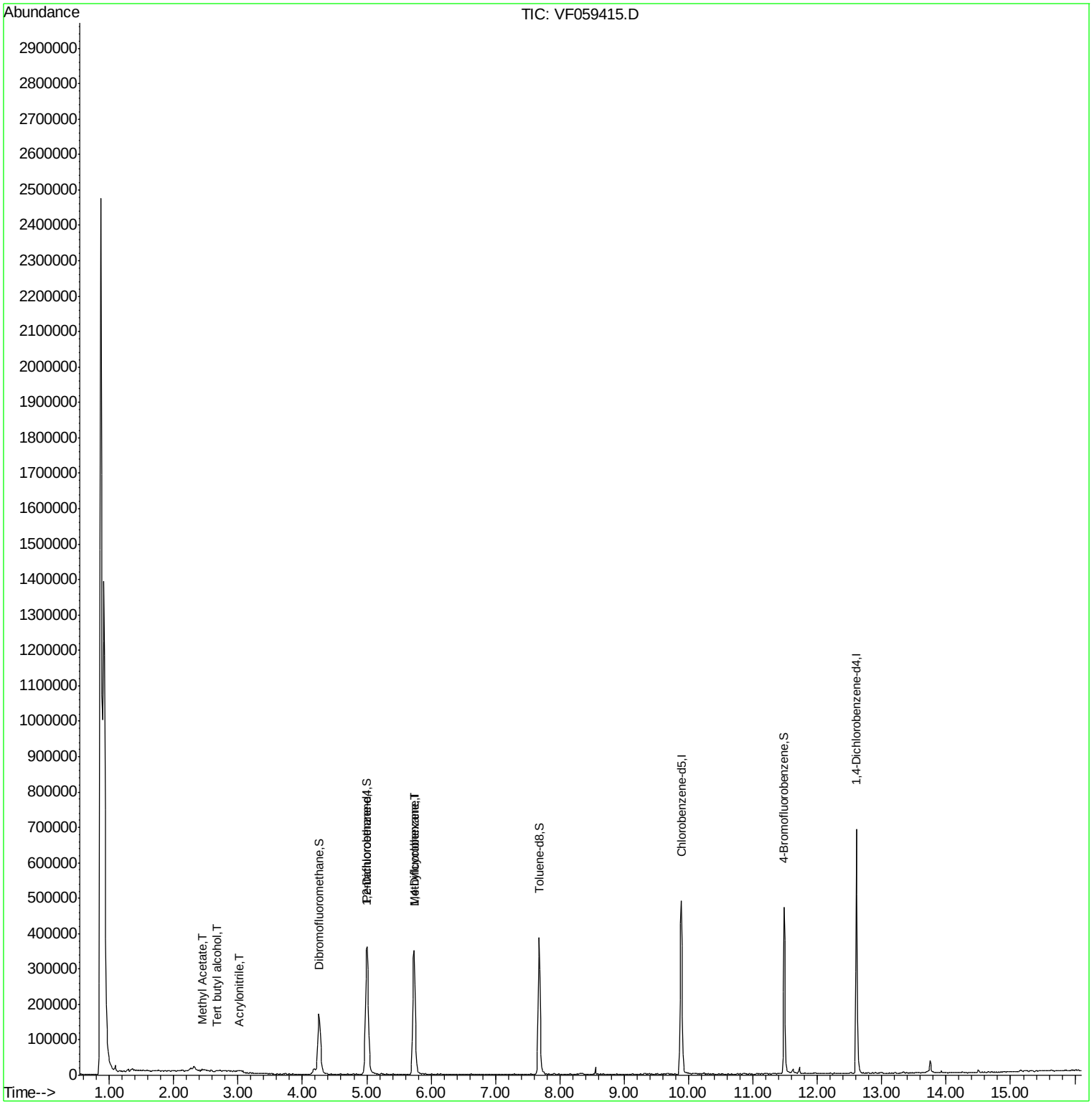
(#) = qualifier out of range (m) = manual integration (+) = signals summed

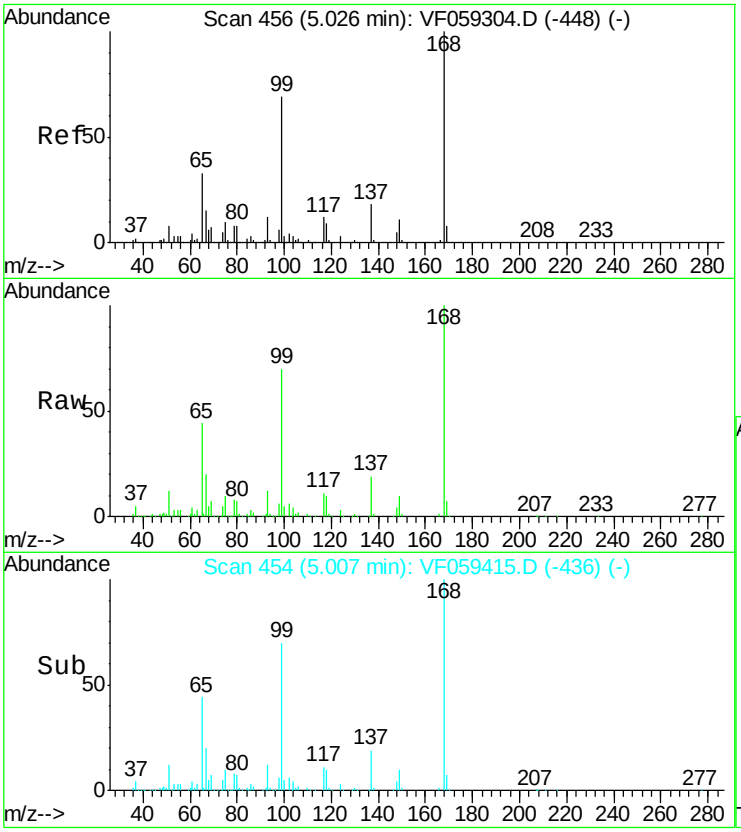
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF070318\
Data File : VF059415.D
Acq On : 3 Jul 2018 16:40
Operator : VA/AP
Sample : J3245-17RE
Misc : 6.16g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-A

Quant Time: Jul 04 00:12:30 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



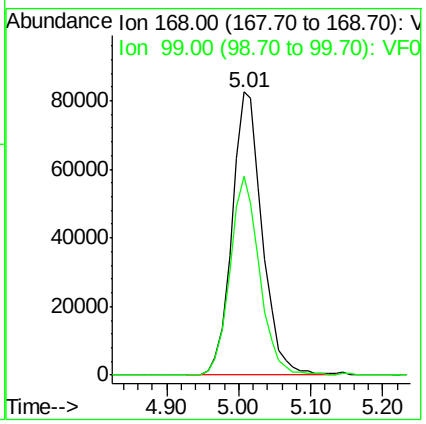


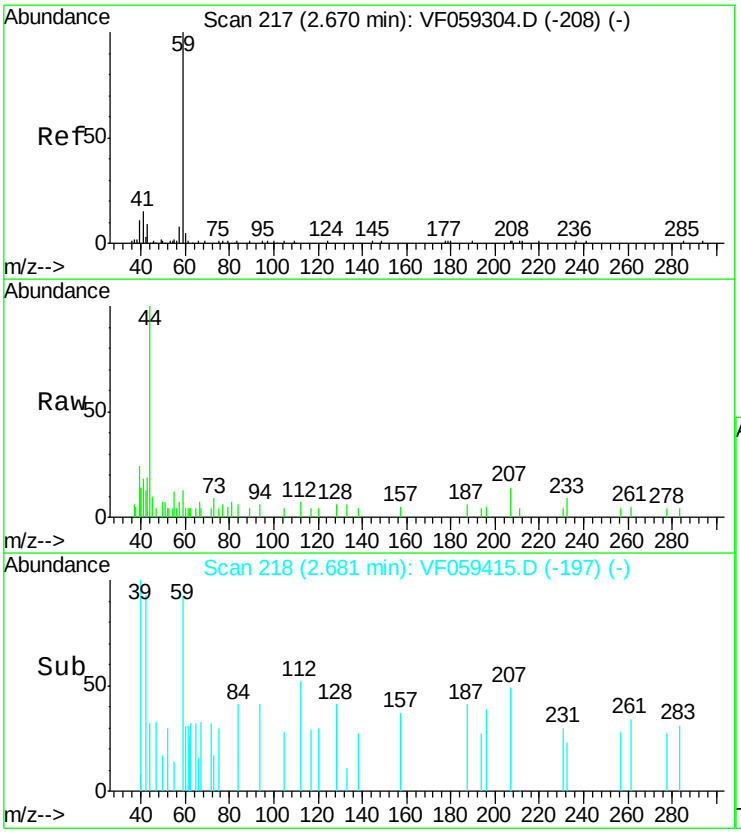
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.02 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-A

Tgt Ion:168 Resp: 240834

Ion	Ratio	Lower	Upper
168	100		
99	70.2	54.9	82.3

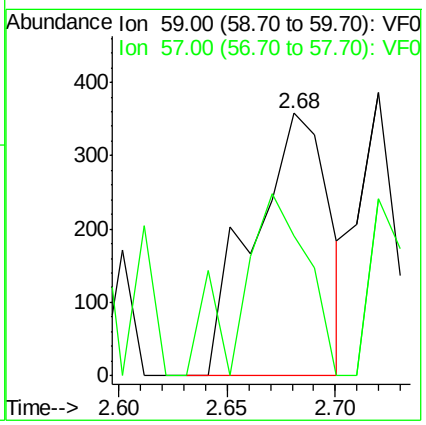


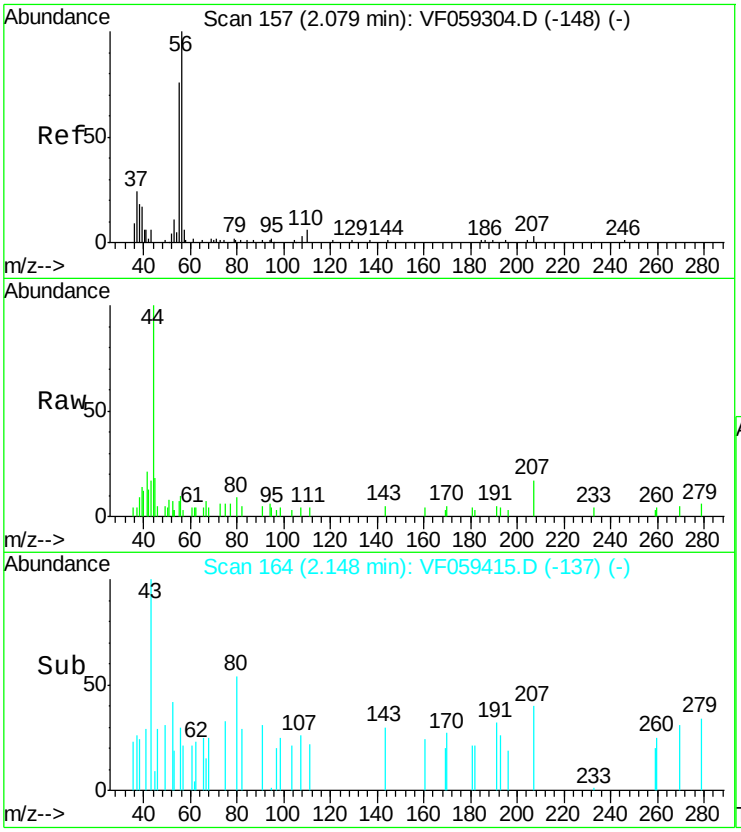


#11
Tert butyl alcohol
Concen: 4.214 ug/l
RT: 2.68 min Scan# 218
Delta R.T. 0.01 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Tgt Ion: 59 Resp: 873

Ion	Ratio	Lower	Upper
59	100		
57	53.4	11.0	16.4#



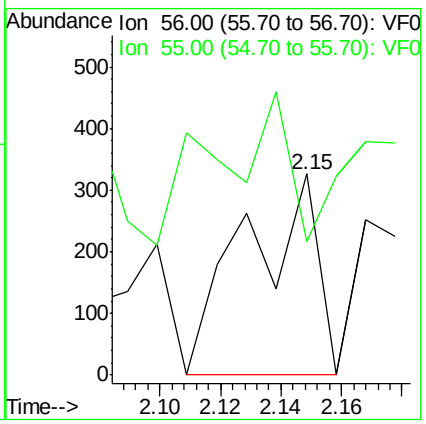


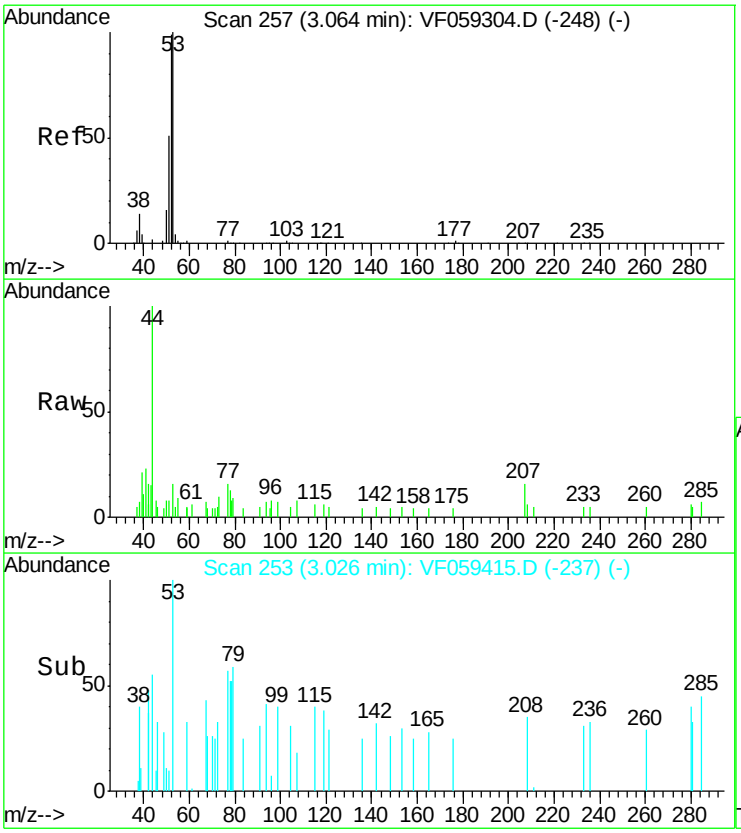
#13
Acrolein
Concen: Below Cal
RT: 2.15 min Scan# 164
Delta R.T. 0.07 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-A

Tgt Ion: 56 Resp: 538

Ion	Ratio	Lower	Upper
56	100		
55	66.3	62.4	93.6

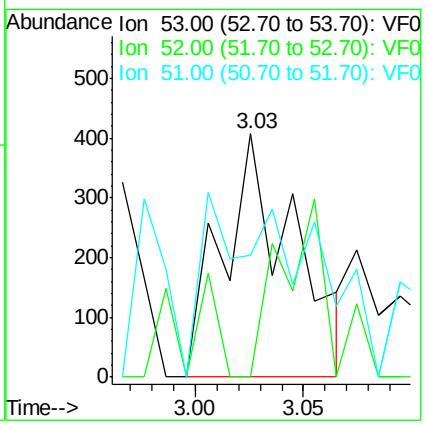


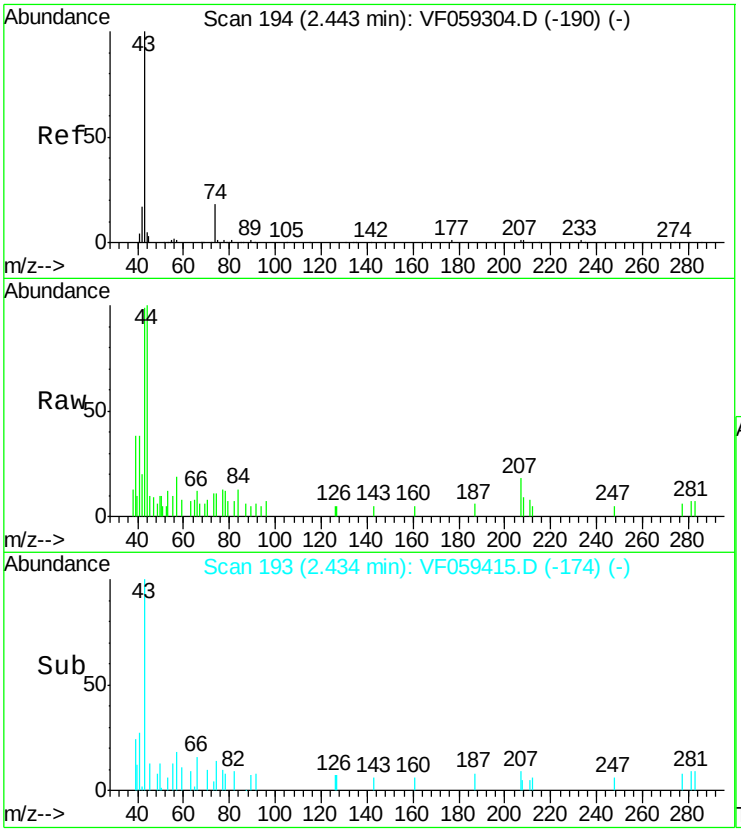


#15
Acrylonitrile
Concen: 2.555 ug/l
RT: 3.03 min Scan# 253
Delta R.T. -0.04 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Tgt Ion: 53 Resp: 932

Ion	Ratio	Lower	Upper
53	100		
52	0.0	79.2	118.8#
51	50.2	40.9	61.3



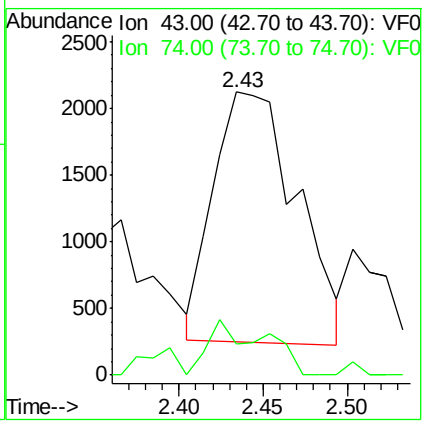


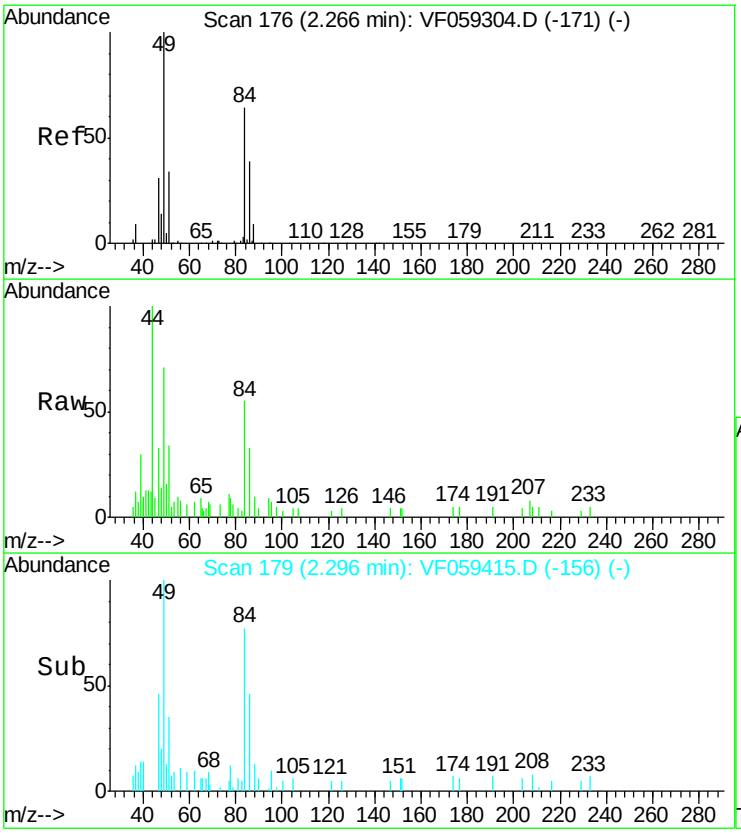
#18
Methyl Acetate
Concen: 3.513 ug/l
RT: 2.43 min Scan# 193
Delta R.T. -0.01 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Instrument : MSVOA_F
ClientSampleId : CL-01-062918-A

Tgt Ion: 43 Resp: 6453

Ion	Ratio	Lower	Upper
43	100		
74	10.9	13.3	19.9#

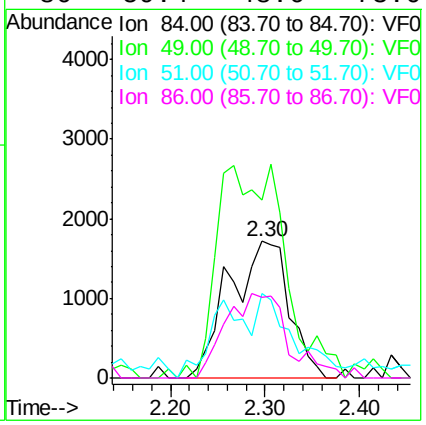


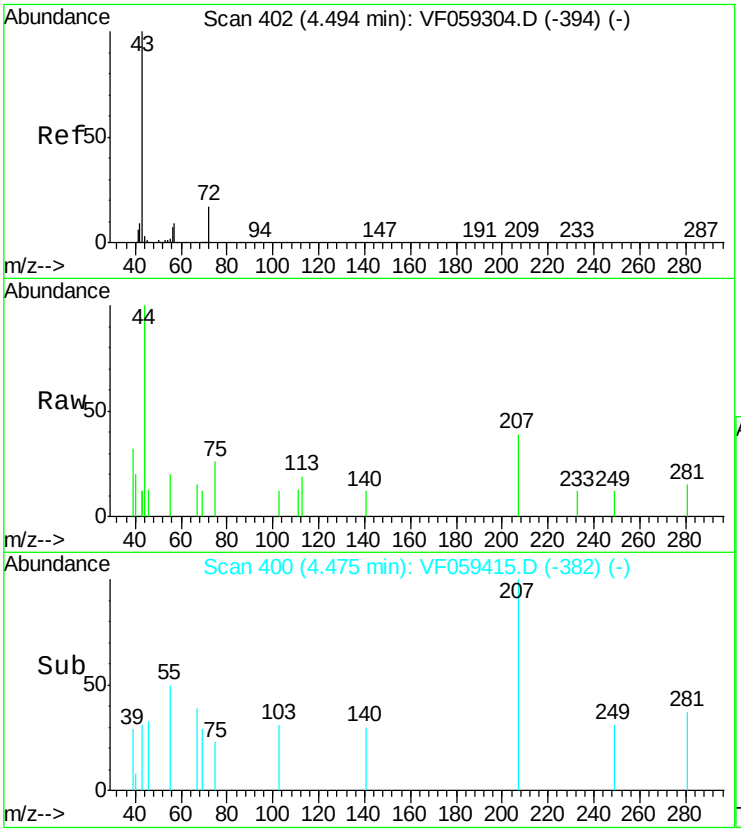


#20
Methylene Chloride
Concen: Below Cal
RT: 2.30 min Scan# 179
Delta R.T. 0.03 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Tgt Ion: 84 Resp: 7604

Ion	Ratio	Lower	Upper
84	100		
49	129.7	126.5	189.7
51	61.3	42.9	64.3
86	59.4	48.6	73.0



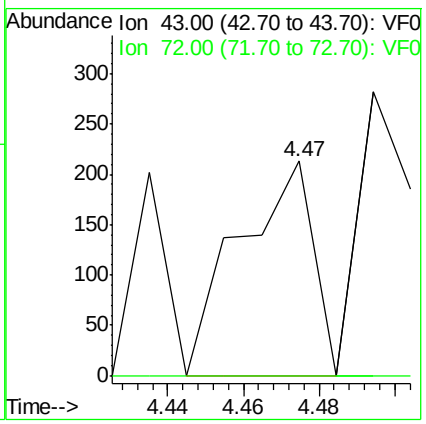


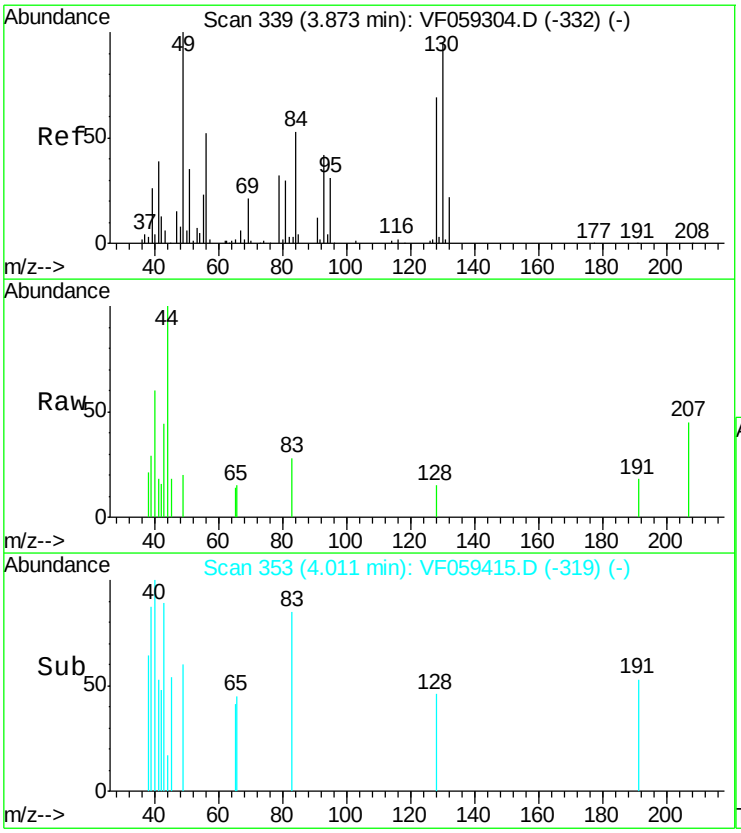
#25
2-Butanone
Concen: Below Cal
RT: 4.47 min Scan# 400
Delta R.T. -0.02 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-A

Tgt Ion: 43 Resp: 290

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	21.6#

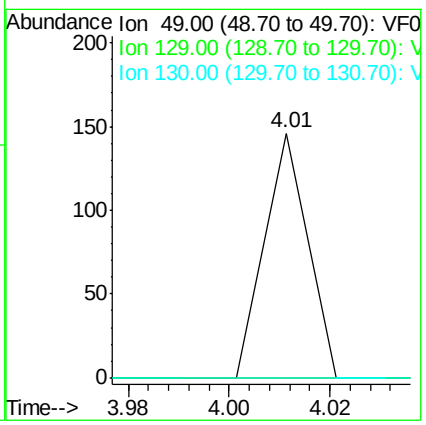


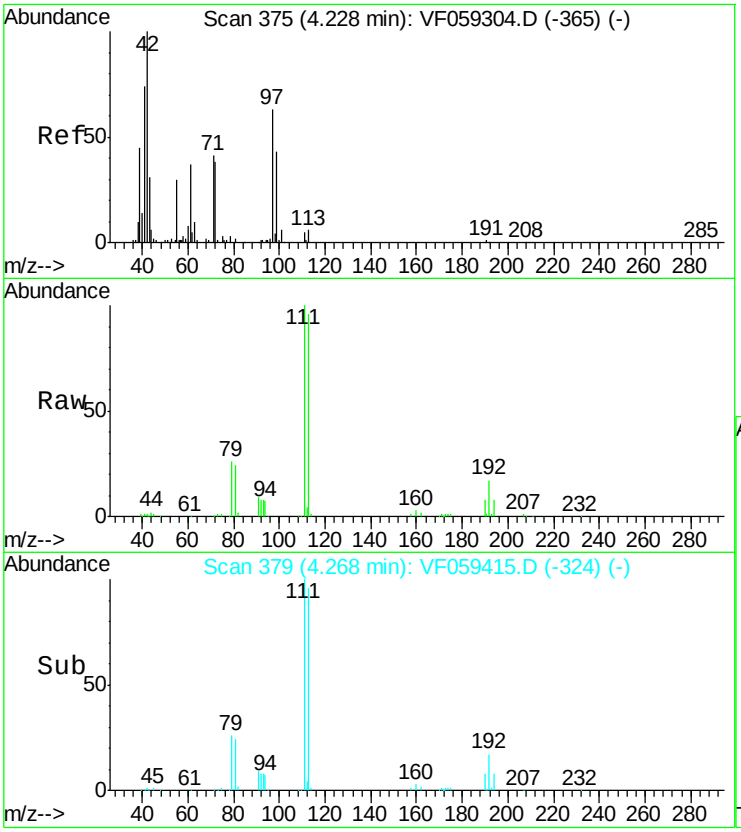


#28
Bromochloromethane
Concen: Below Cal
RT: 4.01 min Scan# 353
Delta R.T. 0.14 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Tgt Ion: 49 Resp: 86

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



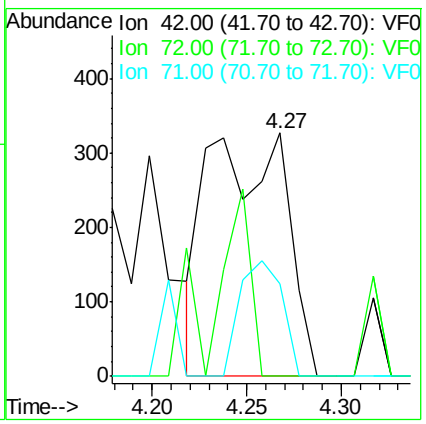


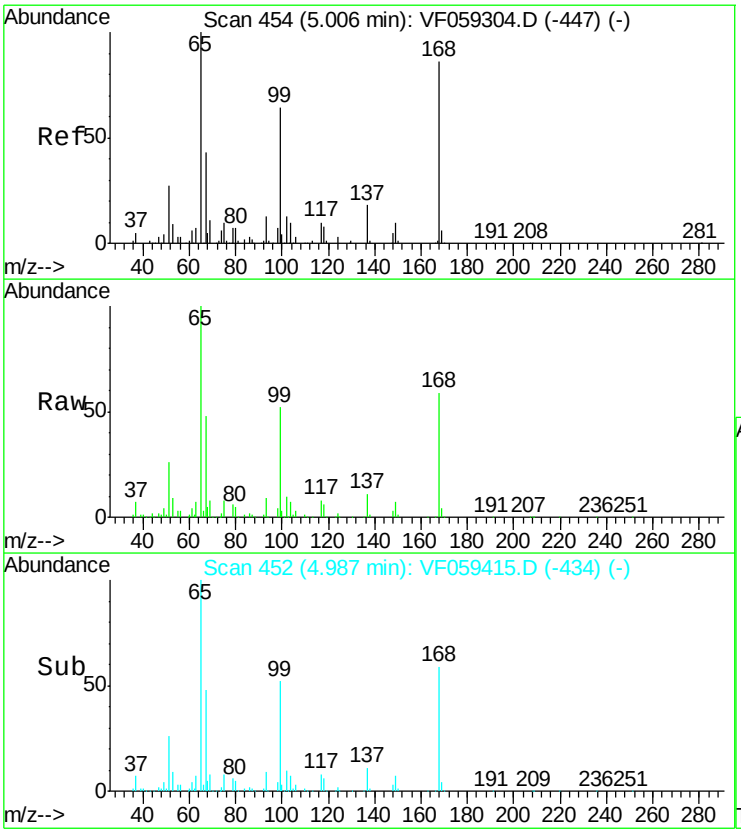
#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.27 min Scan# 379
Delta R.T. 0.04 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-A

Tgt Ion: 42 Resp: 928

Ion	Ratio	Lower	Upper
42	100		
72	36.1	30.5	45.7
71	26.2	32.5	48.7#

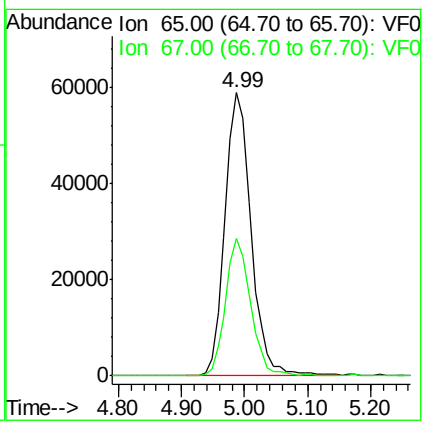


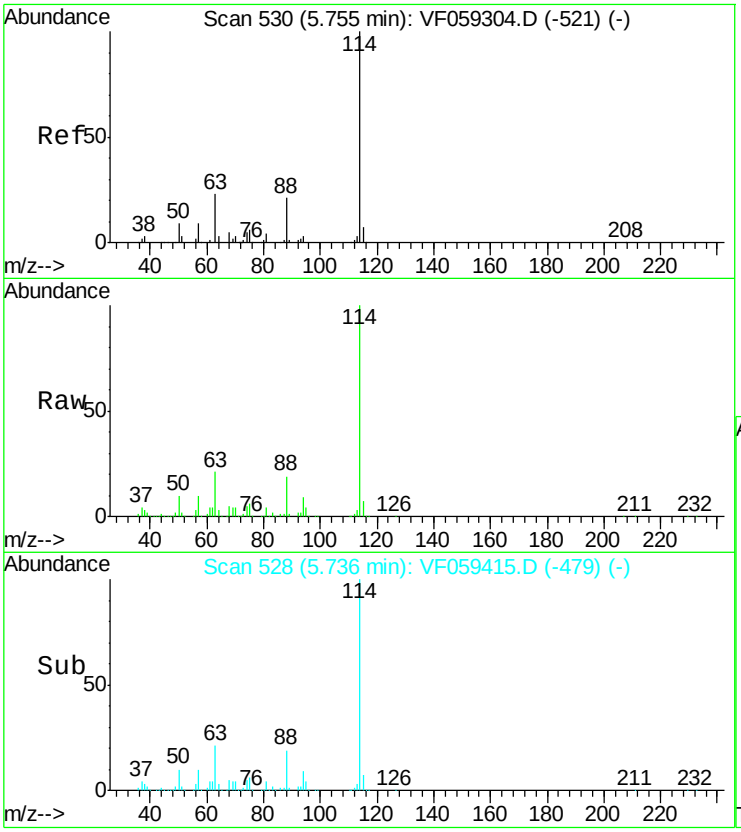


#33
1,2-Dichloroethane-d4
Concen: 54.358 ug/l
RT: 4.99 min Scan# 452
Delta R.T. -0.02 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Tgt Ion: 65 Resp: 169138

Ion	Ratio	Lower	Upper
65	100		
67	48.4	0.0	96.8



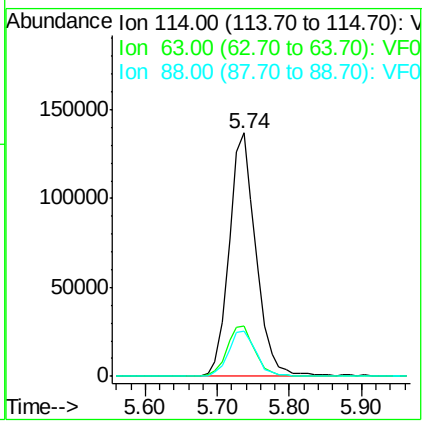


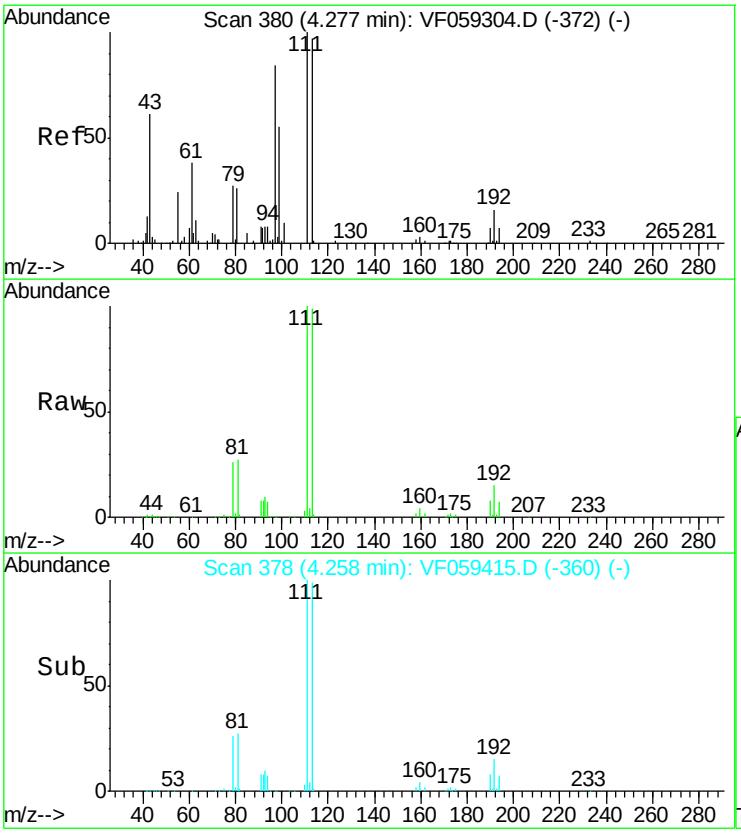
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.74 min Scan# 528
Delta R.T. -0.02 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-A

Tgt Ion:114 Resp: 354351

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	45.8
88	18.7	0.0	41.2

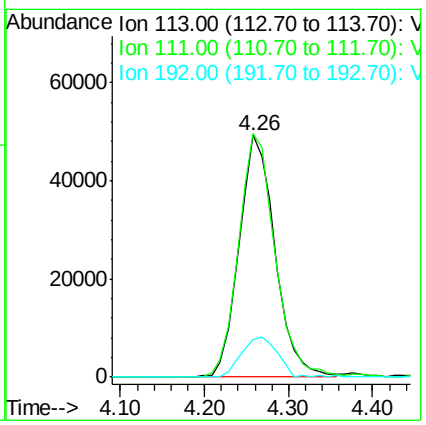


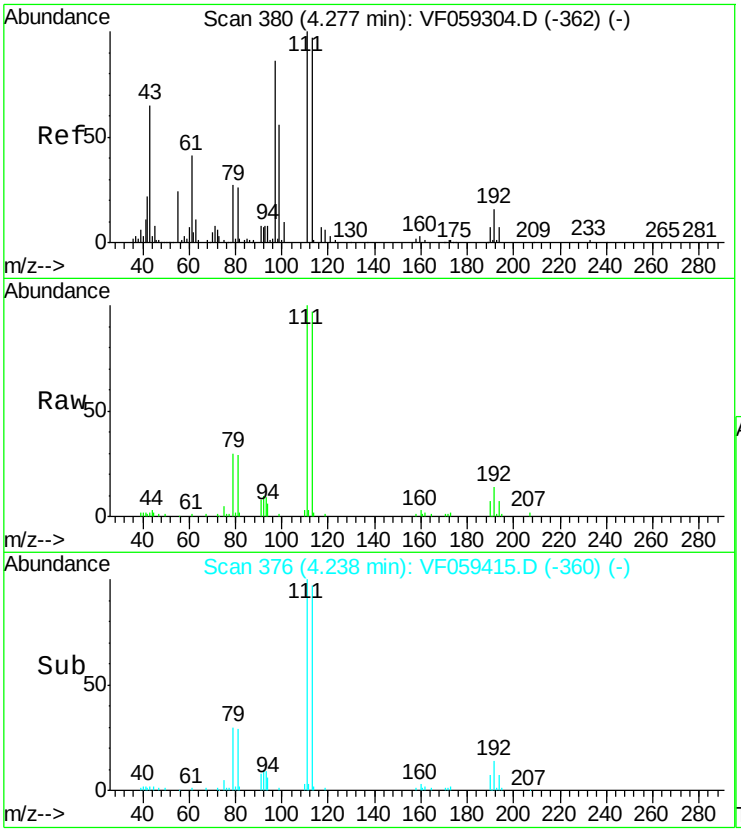


#35
Dibromofluoromethane
Concen: 56.989 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.02 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Tgt Ion:113 Resp: 147551

Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.1	123.1
192	15.3	13.0	19.6



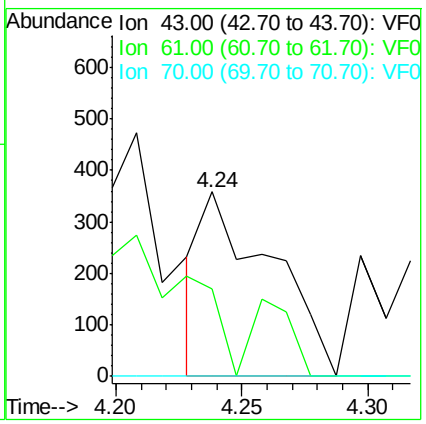


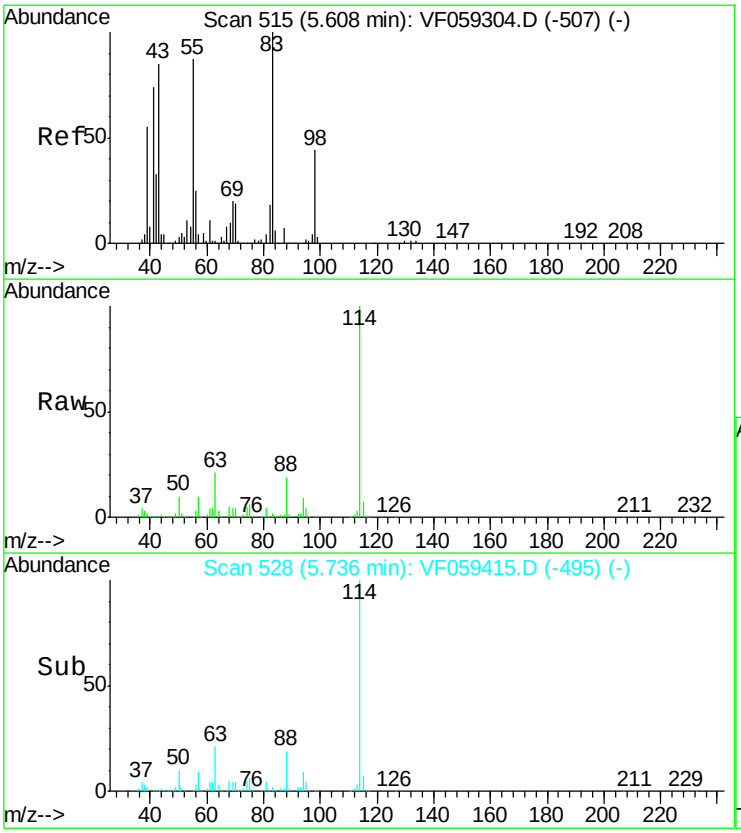
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.24 min Scan# 376
Delta R.T. -0.04 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-A

Tgt Ion: 43 Resp: 691

Ion	Ratio	Lower	Upper
43	100		
61	47.2	50.1	75.1#
70	0.0	6.2	9.4#

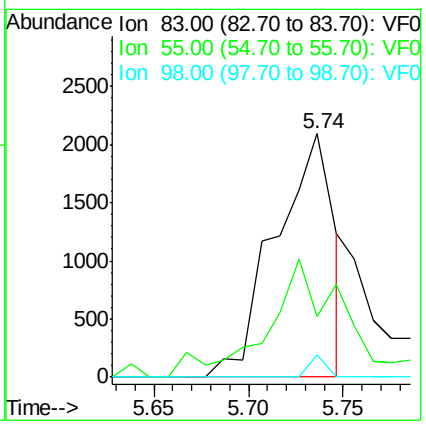


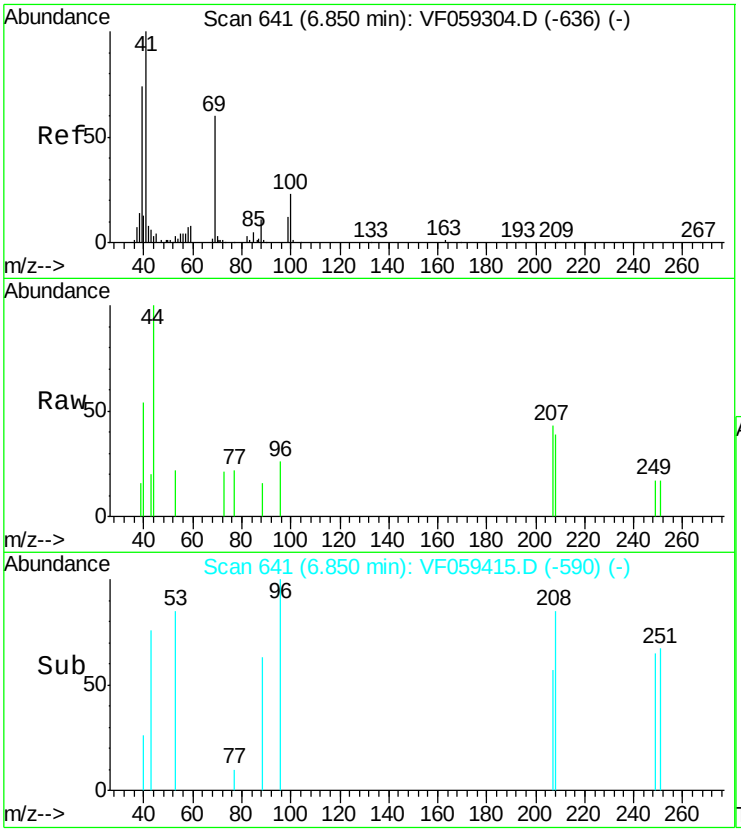


#39
Methylcyclohexane
Concen: 1.646 ug/l
RT: 5.74 min Scan# 528
Delta R.T. 0.13 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Tgt Ion: 83 Resp: 4516

Ion	Ratio	Lower	Upper
83	100		
55	24.7	69.2	103.8#
98	9.1	35.0	52.6#



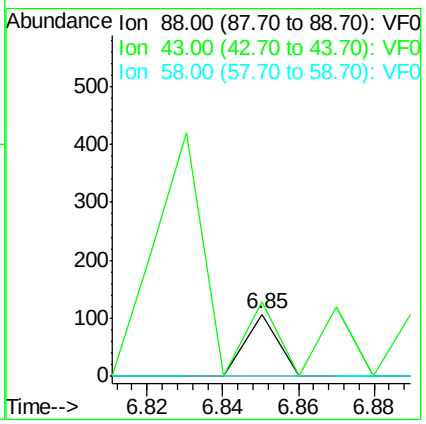


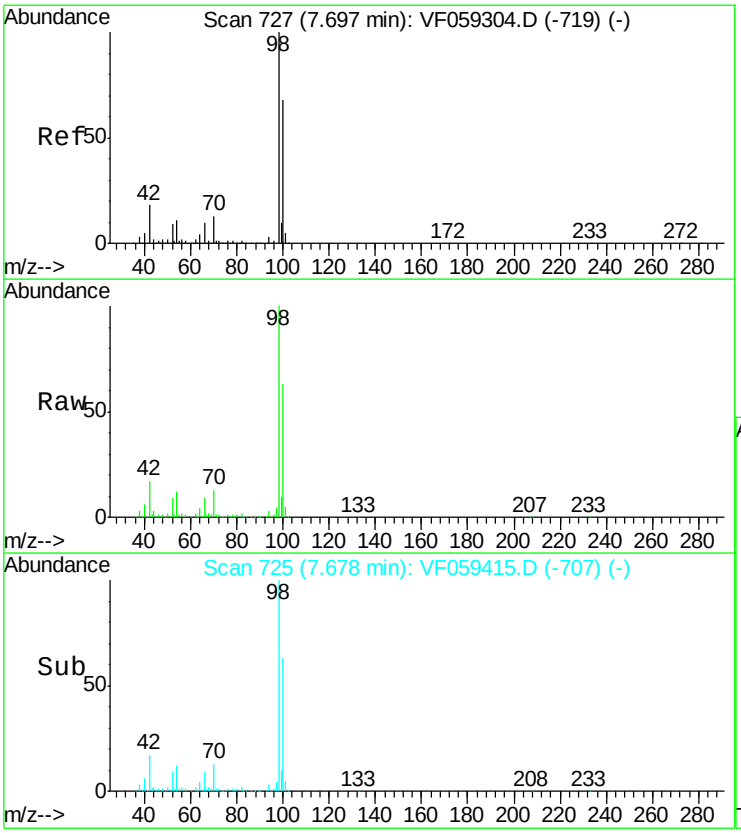
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.85 min Scan# 641
Delta R.T. 0.00 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-A

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	120.6	50.6	75.8#
58	0.0	46.6	69.8#

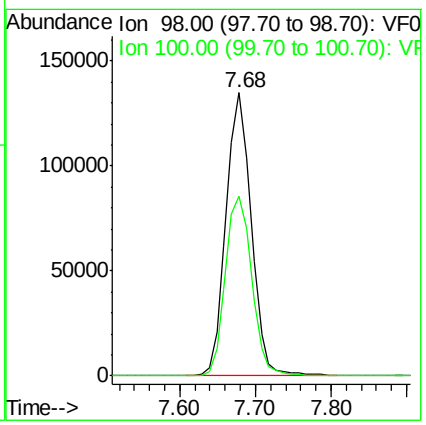


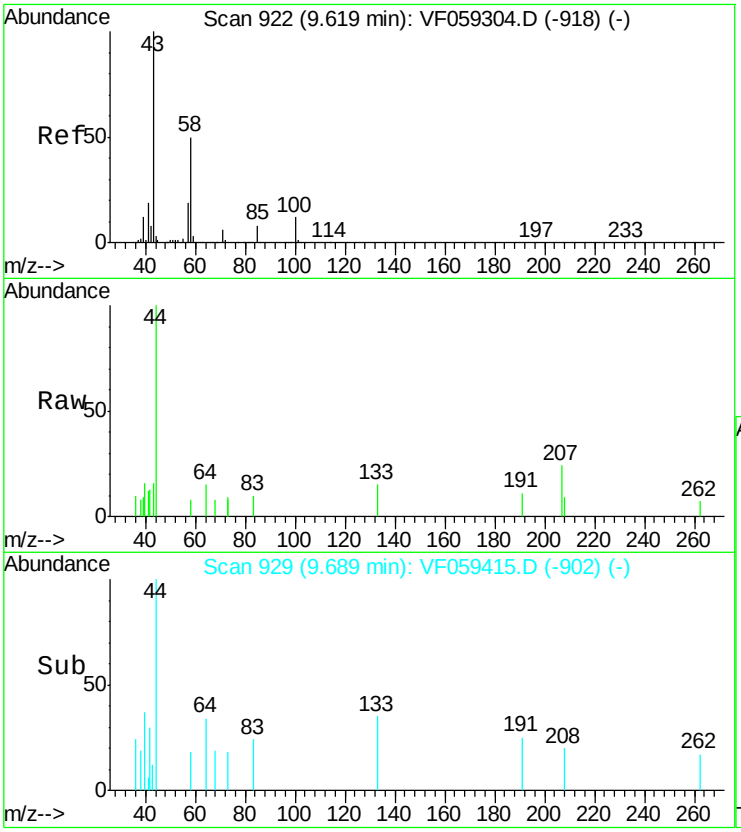


#50
Toluene-d8
Concen: 48.801 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.02 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Tgt Ion: 98 Resp: 312836

Ion	Ratio	Lower	Upper
98	100		
100	63.5	54.6	82.0



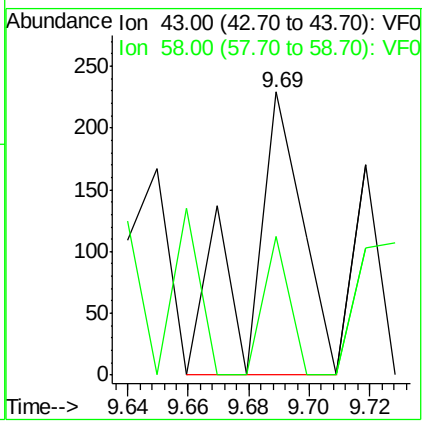


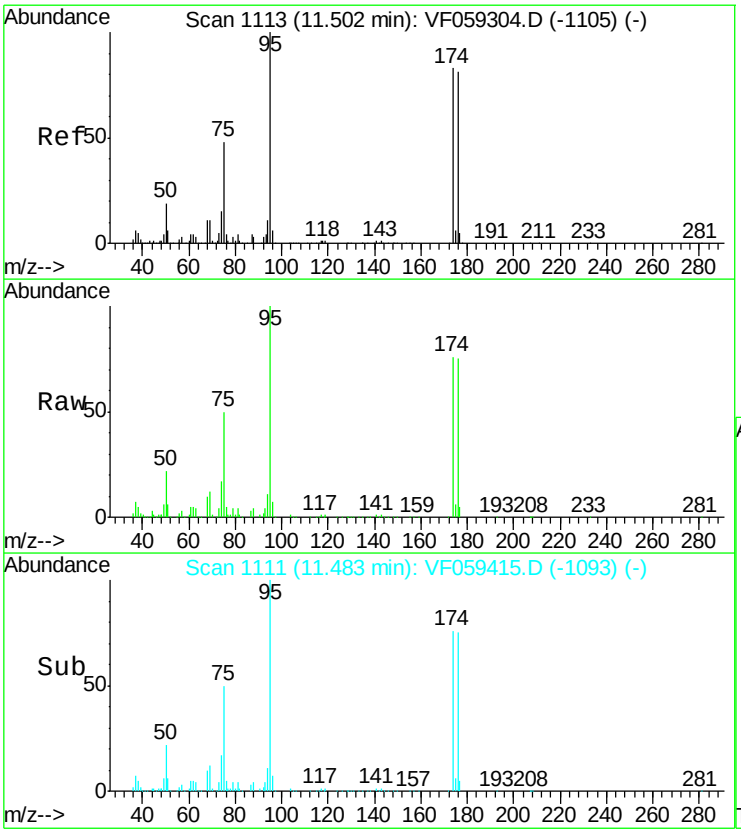
#59
2-Hexanone
Concen: Below Cal
RT: 9.69 min Scan# 929
Delta R.T. 0.07 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-A

Tgt Ion: 43 Resp: 282

Ion	Ratio	Lower	Upper
43	100		
58	48.9	23.3	69.9

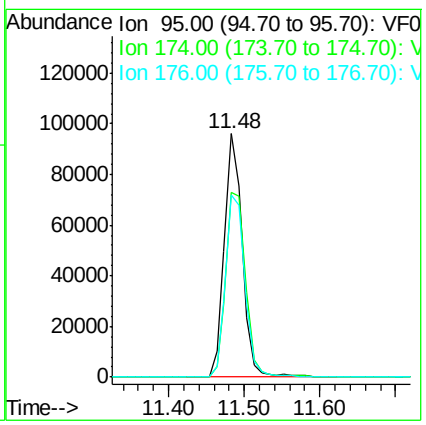


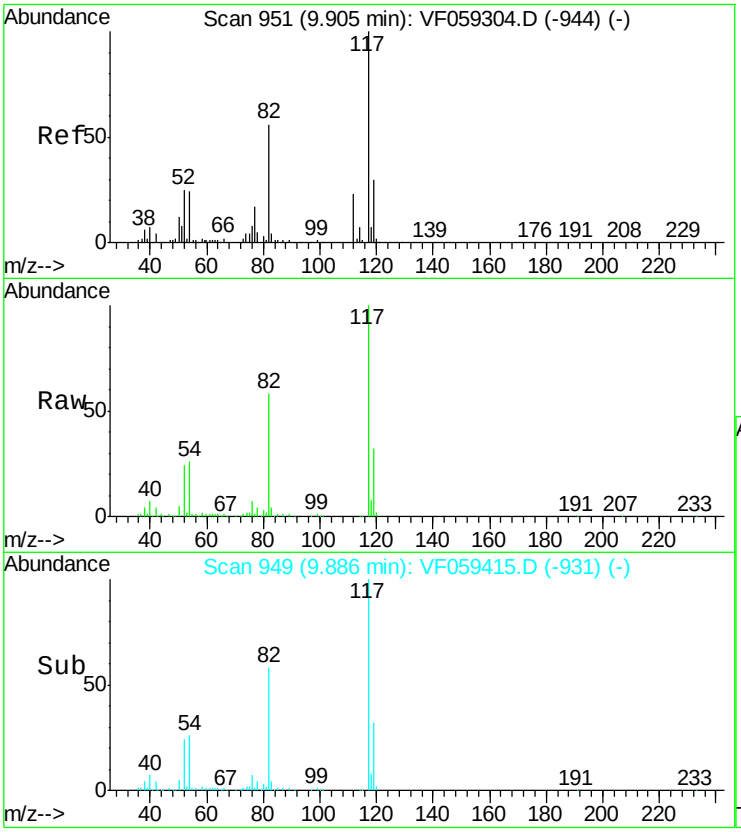


#62
4-Bromofluorobenzene
Concen: 43.912 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Tgt Ion: 95 Resp: 158790

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	165.2
176	74.9	0.0	161.0



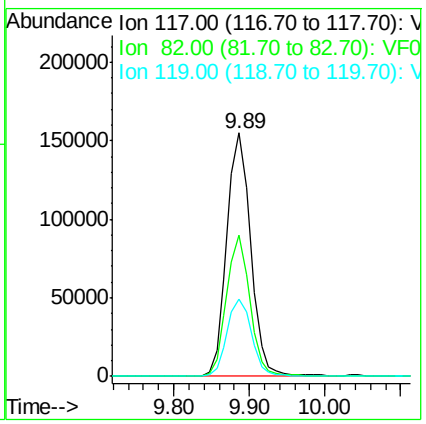


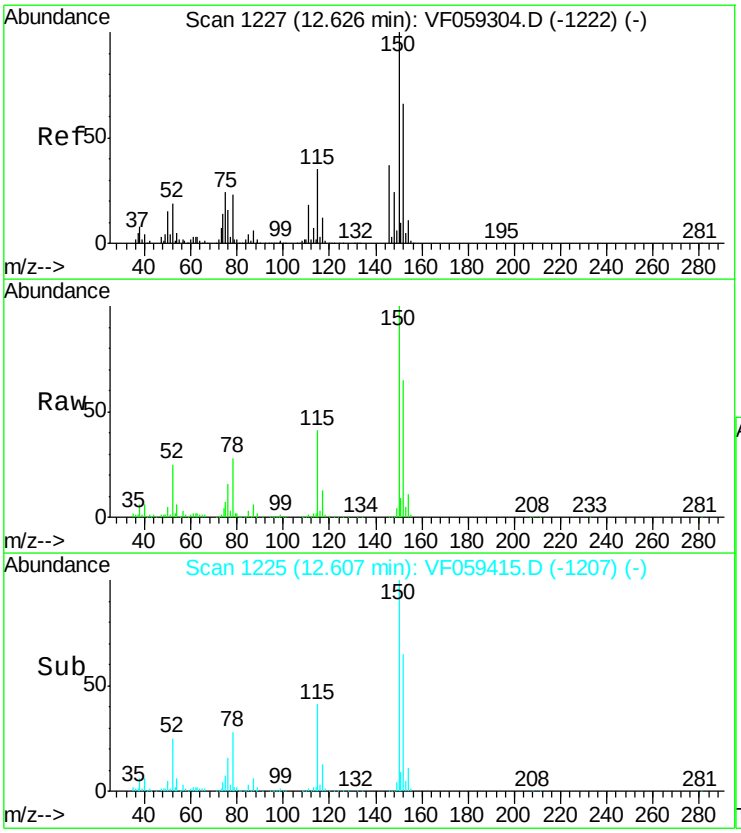
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-A

Tgt Ion:117 Resp: 339834

Ion	Ratio	Lower	Upper
117	100		
82	58.2	44.6	66.8
119	31.9	24.1	36.1

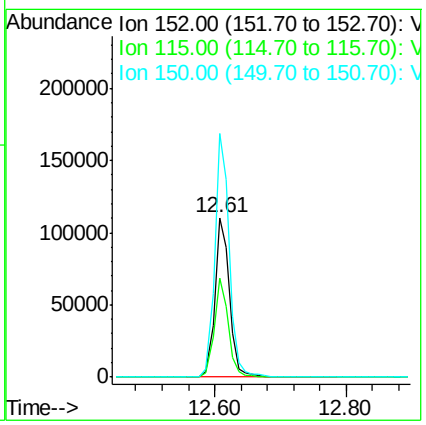


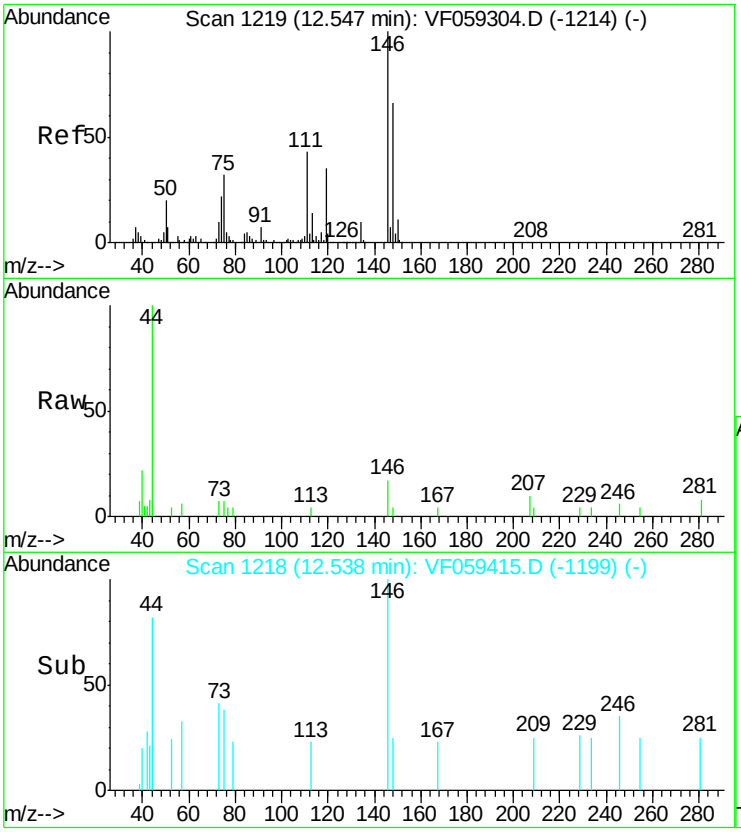


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Tgt Ion:152 Resp: 168478

Ion	Ratio	Lower	Upper
152	100		
115	62.4	27.1	81.3
150	152.9	0.0	305.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.54 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-A

Tgt Ion:146 Resp: 487

Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.4	64.2#
148	25.3	32.8	98.4#