Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062579.D
Acq On : 14 May 2019 10:06
Operator : FY/SY
Sample : K2757-07
Misc : 4.36g/5mL/MSVOA_F/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P021-SS010-0206-01

Quant Time: May 14 11:05:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	282755	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	393985	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	297310	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	128541	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	133810	50.08	ug/l	0.03
Spiked Amount 50.000			Recovery = 100.16%			
35) Dibromofluoromethane	4.33	113	159544	50.83	ug/l	0.03
Spiked Amount 50.000			Recovery = 101.66%			
50) Toluene-d8	7.74	98	270055	35.54	ug/l	0.03
Spiked Amount 50.000			Recovery = 71.08%			
62) 4-Bromofluorobenzene	11.51	95	109048	31.81	ug/l	0.02
Spiked Amount 50.000			Recovery = 63.62%			
Target Compounds						Qvalue
5) Bromomethane	1.39	94	529	Below Cal	#	3
11) Tert butyl alcohol	2.74	59	277	1.834 ug/l	#	1
13) Acrolein	2.09	56	707	Below Cal	#	40
15) Acrylonitrile	3.10	53	1450	5.069 ug/l	#	42
18) Methyl Acetate	2.49	43	866	Below Cal	#	79
37) Ethyl Acetate	4.34	43	1150	Below Cal	#	73
38) Carbon Tetrachloride	4.24	117	66	Below Cal	#	14
39) Methylcyclohexane	5.79	83	7259	2.139 ug/l	#	31
49) 1,4-Dioxane	6.86	88	77	Below Cal	#	1
59) 2-Hexanone	9.64	43	1510	1.872 ug/l	#	39

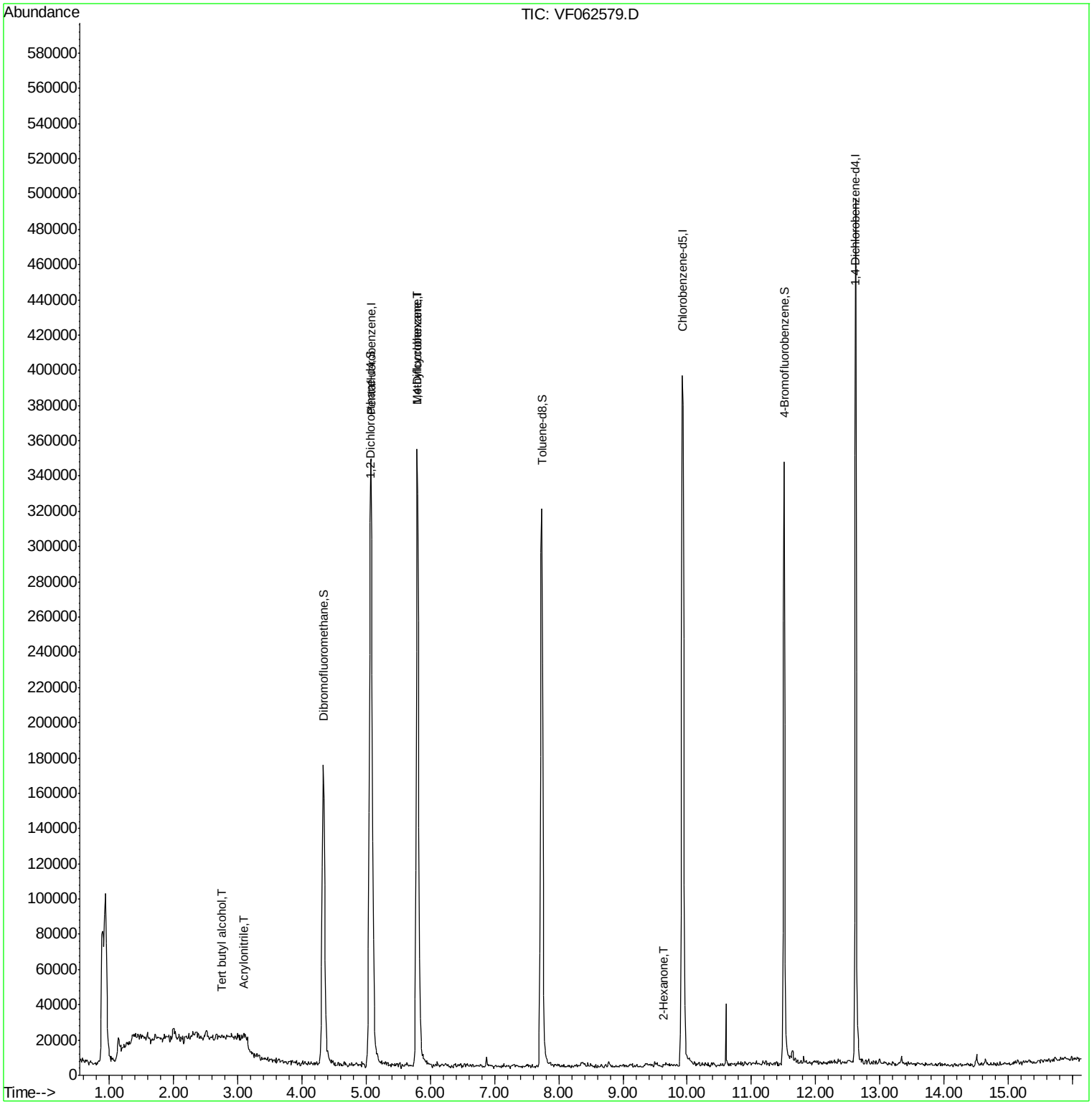
(#) = qualifier out of range (m) = manual integration (+) = signals summed

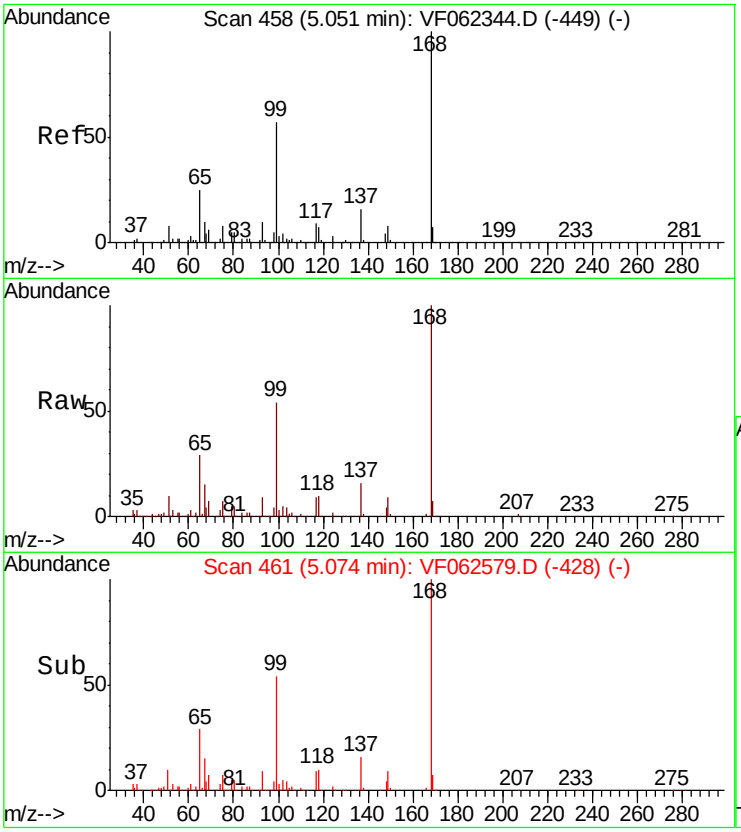
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062579.D
Acq On : 14 May 2019 10:06
Operator : FY/SY
Sample : K2757-07
Misc : 4.36g/5mL/MSVOA_F/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0206-01

Quant Time: May 14 11:05:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration



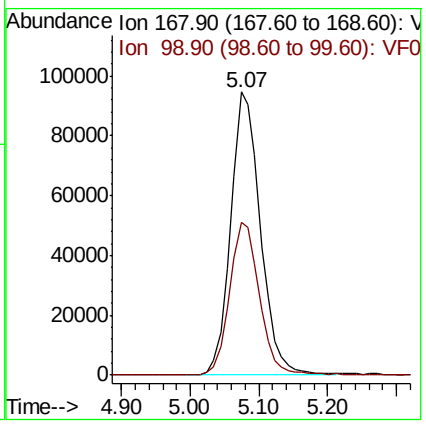


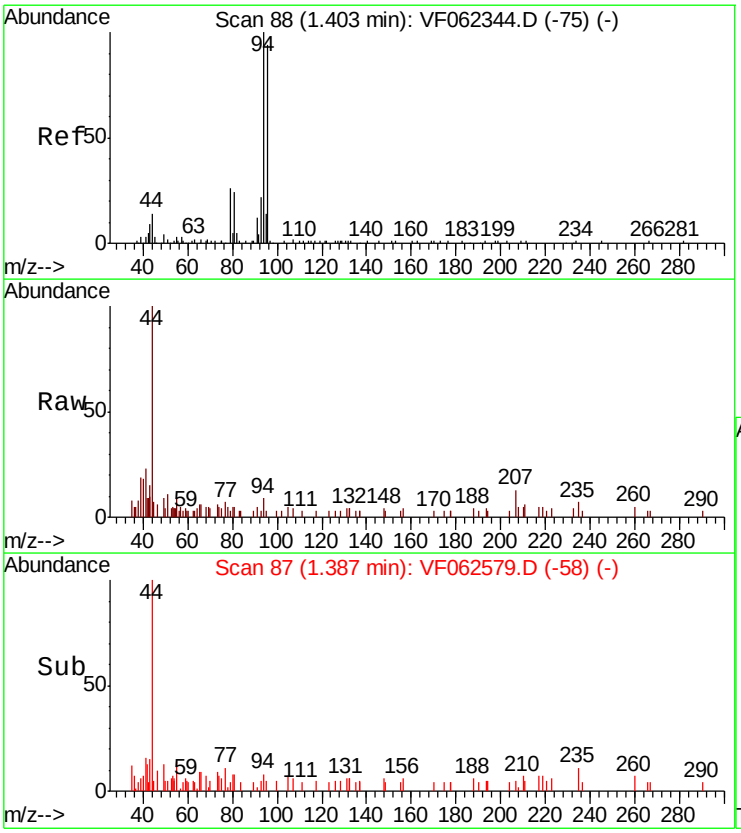
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 461
Delta R.T. 0.02 min
Lab File: VF062579.D
Acq: 14 May 2019 10:06

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0206-01

Tgt Ion:168 Resp: 282755

Ion	Ratio	Lower	Upper
168	100		
99	54.2	45.9	68.9

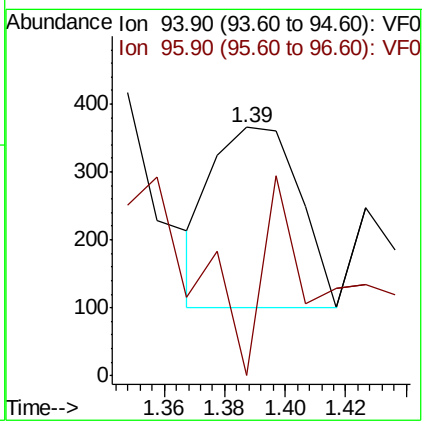


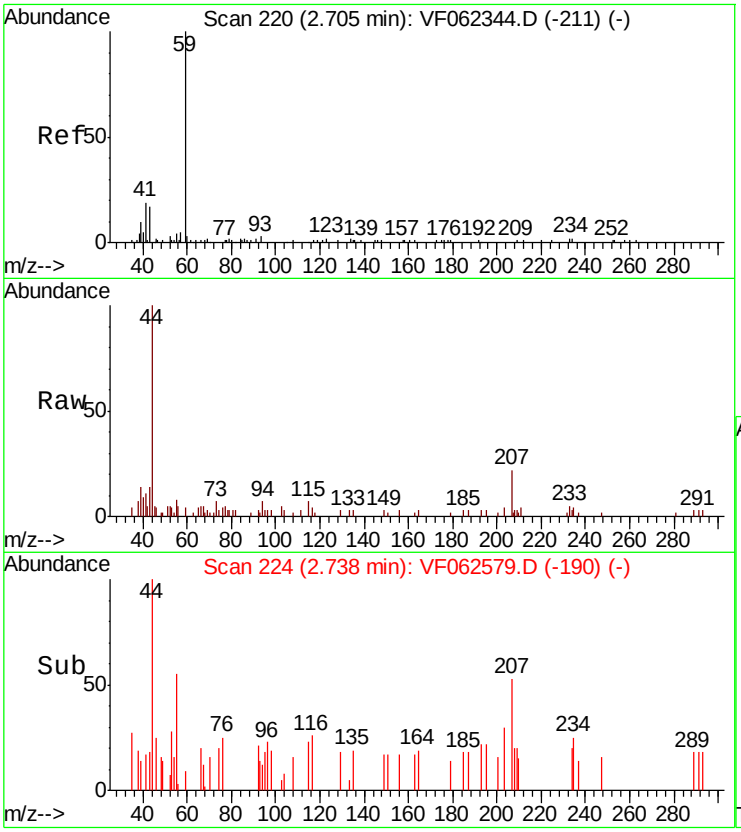


#5
Bromomethane
Concen: Below Cal
RT: 1.39 min Scan# 87
Delta R.T. -0.02 min
Lab File: VF062579.D
Acq: 14 May 2019 10:06

Tgt Ion: 94 Resp: 529

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.4	113.2#



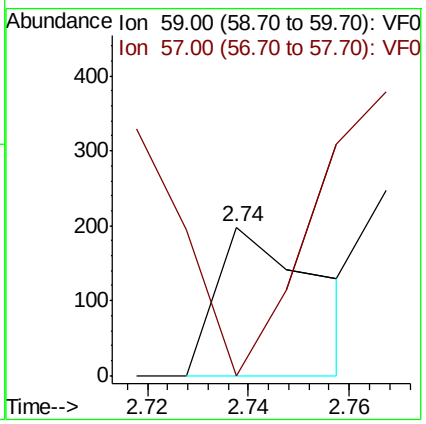


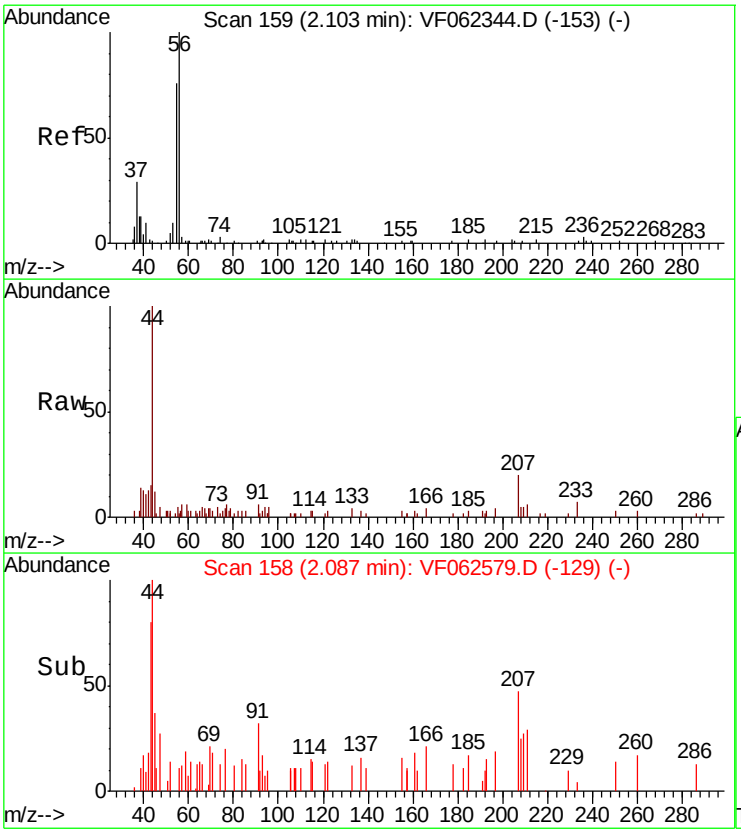
#11
Tert butyl alcohol
Concen: 1.834 ug/l
RT: 2.74 min Scan# 224
Delta R.T. 0.03 min
Lab File: VF062579.D
Acq: 14 May 2019 10:06

Instrument : MSVOA_F
ClientSampleId : P021-SS010-0206-01

Tgt Ion: 59 Resp: 277

Ion	Ratio	Lower	Upper
59	100		
57	200.4	9.3	13.9#

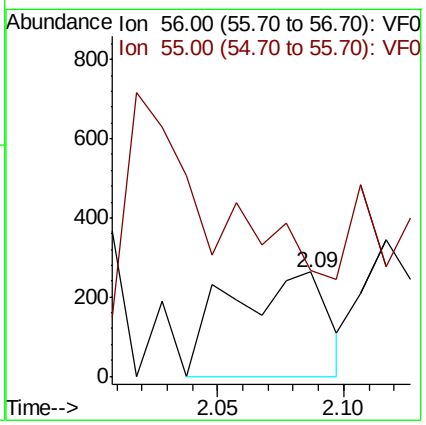


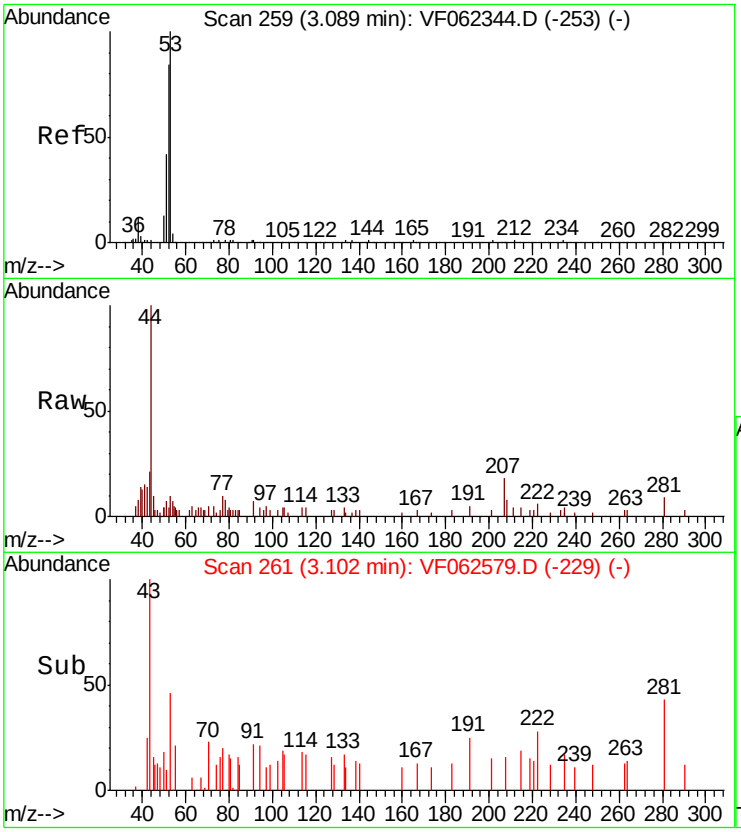


#13
Acrolein
Concen: Below Cal
RT: 2.09 min Scan# 158
Delta R.T. -0.02 min
Lab File: VF062579.D
Acq: 14 May 2019 10:06

Tgt Ion: 56 Resp: 707

Ion	Ratio	Lower	Upper
56	100		
55	23.1	58.4	87.6#



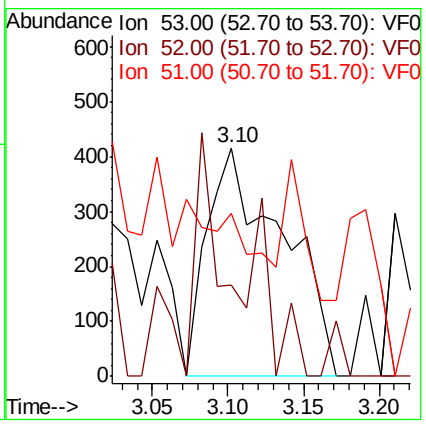


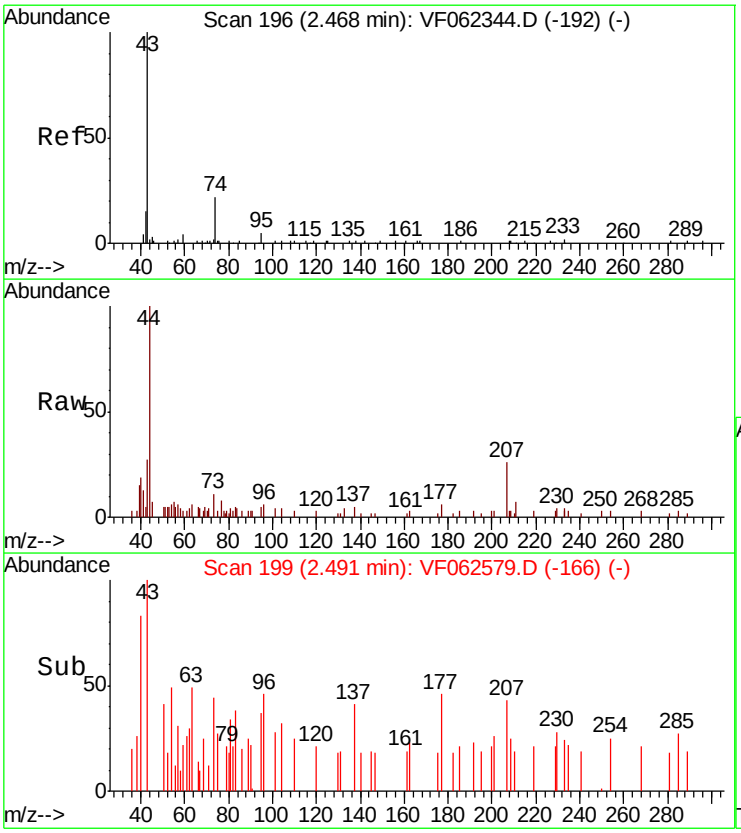
#15
Acrylonitrile
Concen: 5.069 ug/l
RT: 3.10 min Scan# 261
Delta R.T. 0.01 min
Lab File: VF062579.D
Acq: 14 May 2019 10:06

Instrument : MSVOA_F
ClientSampleId : P021-SS010-0206-01

Tgt Ion: 53 Resp: 1450

Ion	Ratio	Lower	Upper
53	100		
52	47.4	77.2	115.8#
51	0.0	40.6	61.0#

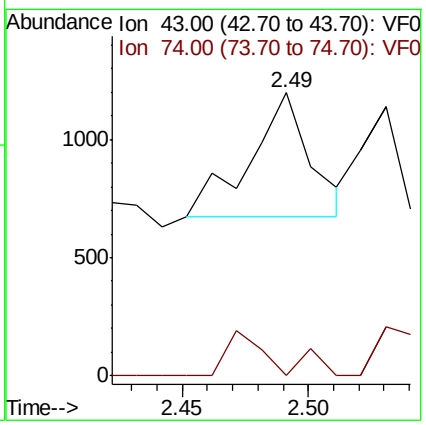


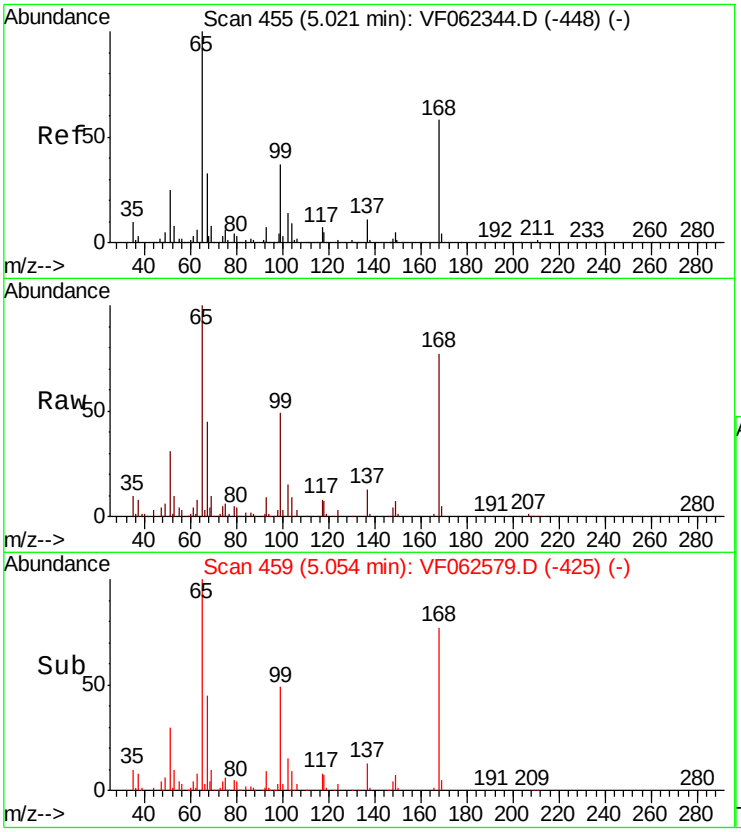


#18
Methyl Acetate
Concen: Below Cal
RT: 2.49 min Scan# 199
Delta R.T. 0.02 min
Lab File: VF062579.D
Acq: 14 May 2019 10:06

Tgt Ion: 43 Resp: 866

Ion	Ratio	Lower	Upper
43	100		
74	28.3	15.0	22.4#



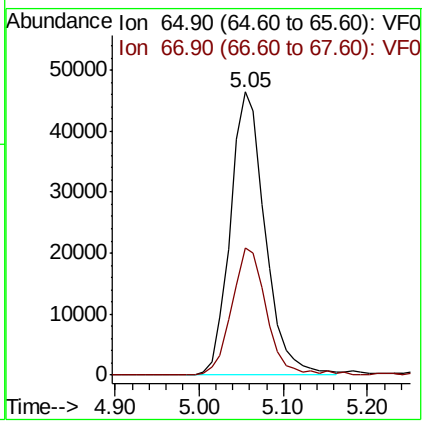


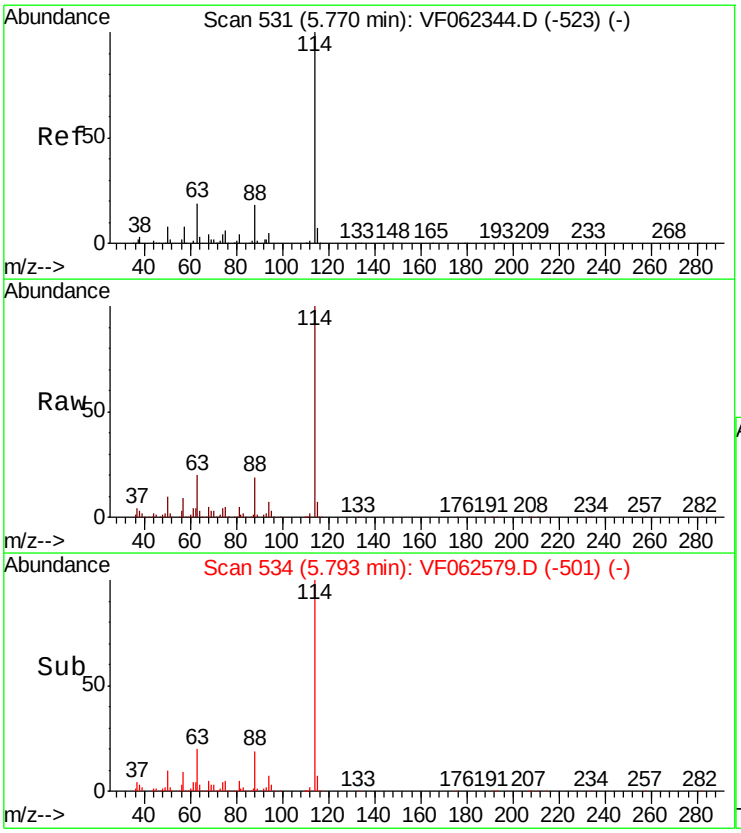
#33
1,2-Dichloroethane-d4
Concen: 50.076 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.03 min
Lab File: VF062579.D
Acq: 14 May 2019 10:06

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0206-01

Tgt Ion: 65 Resp: 133810

Ion	Ratio	Lower	Upper
65	100		
67	44.3	0.0	85.8

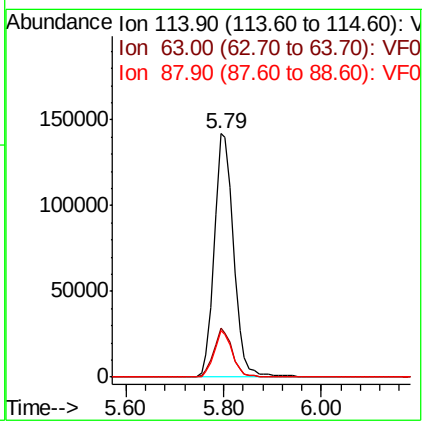


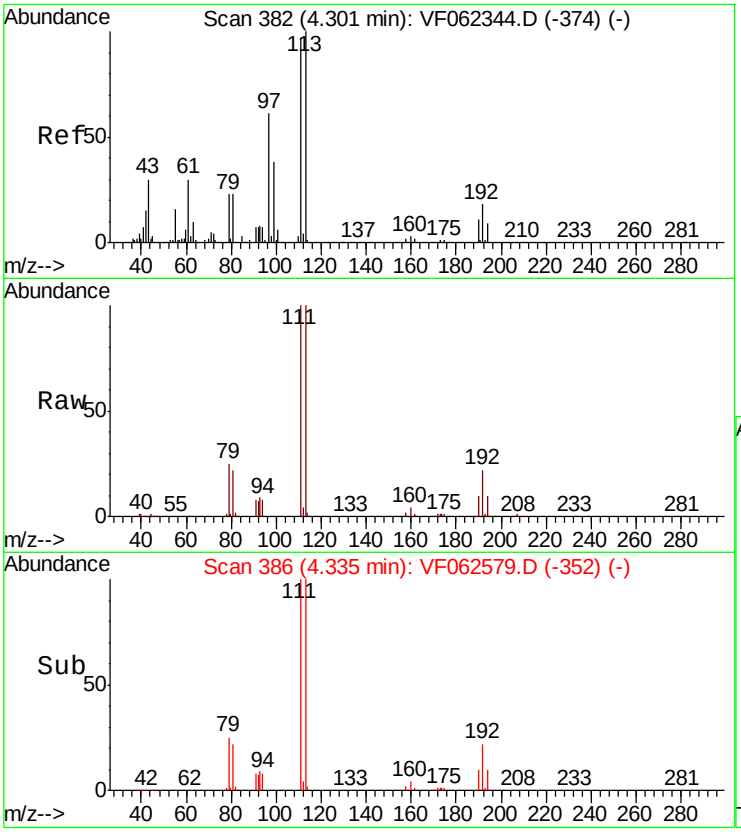


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.02 min
Lab File: VF062579.D
Acq: 14 May 2019 10:06

Tgt Ion:114 Resp: 393985

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	37.4
88	18.9	0.0	36.4



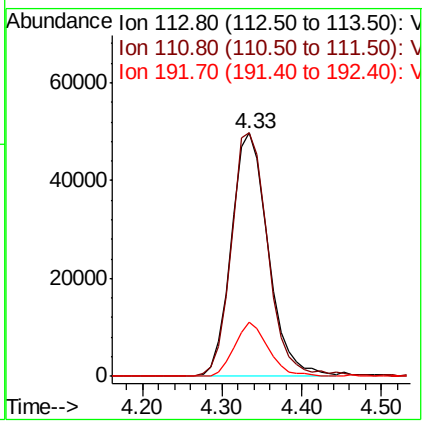


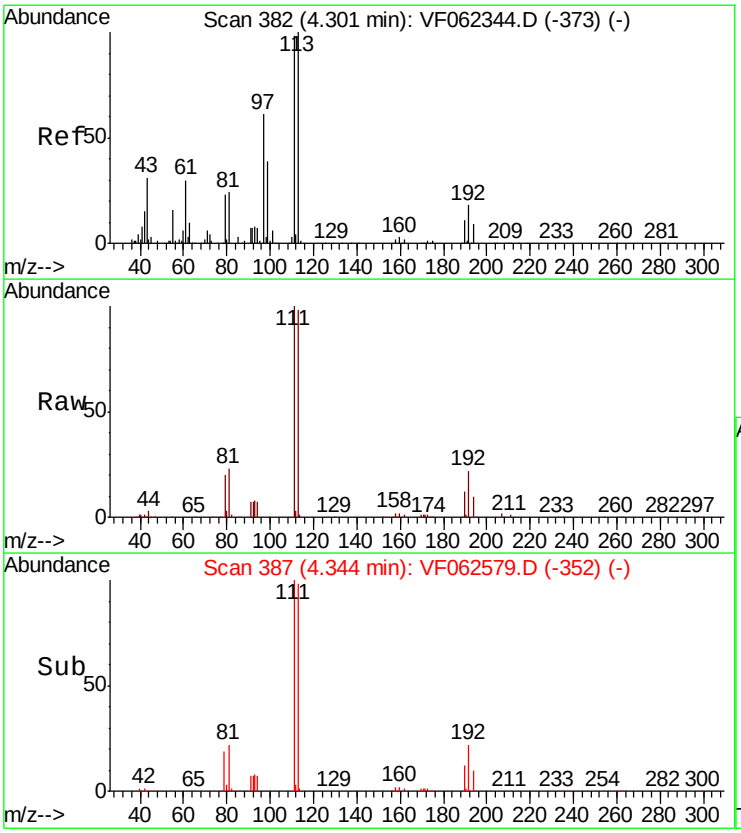
#35
Dibromofluoromethane
Concen: 50.829 ug/l
RT: 4.33 min Scan# 386
Delta R.T. 0.03 min
Lab File: VF062579.D
Acq: 14 May 2019 10:06

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0206-01

Tgt Ion:113 Resp: 159544

Ion	Ratio	Lower	Upper
113	100		
111	99.8	79.4	119.0
192	20.6	16.0	24.0

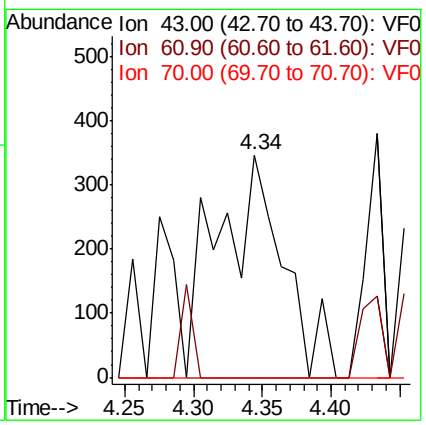


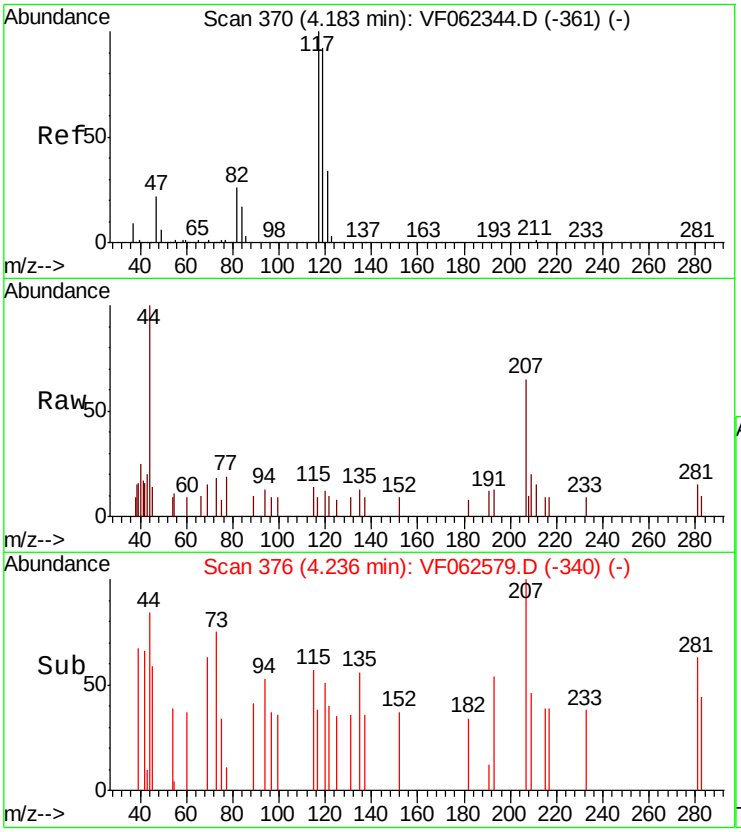


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 387
Delta R.T. 0.04 min
Lab File: VF062579.D
Acq: 14 May 2019 10:06

Tgt Ion: 43 Resp: 1150

Ion	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	0.0	8.2	12.2#



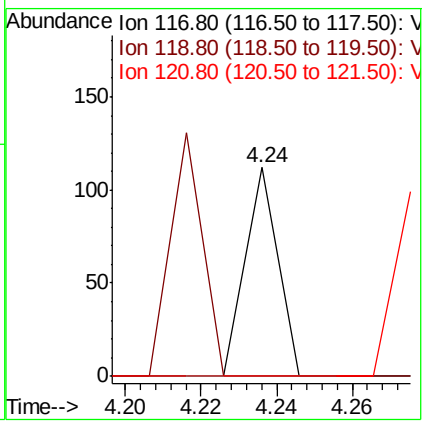


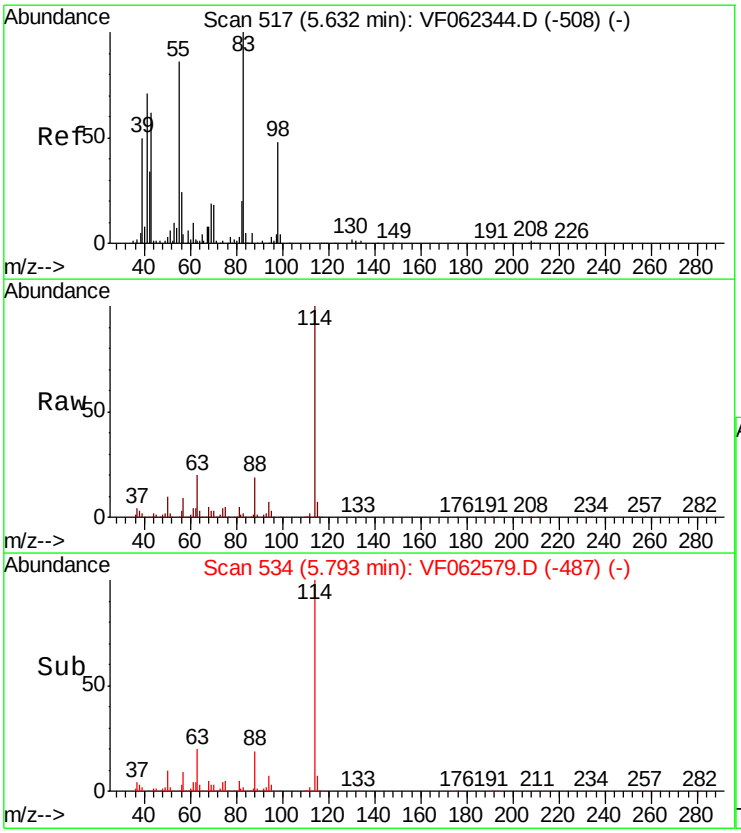
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.24 min Scan# 376
Delta R.T. 0.05 min
Lab File: VF062579.D
Acq: 14 May 2019 10:06

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0206-01

Tgt Ion:117 Resp: 66

Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.4	110.2#
121	0.0	27.4	41.0#

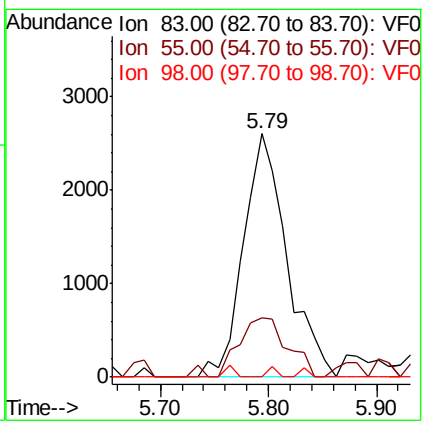


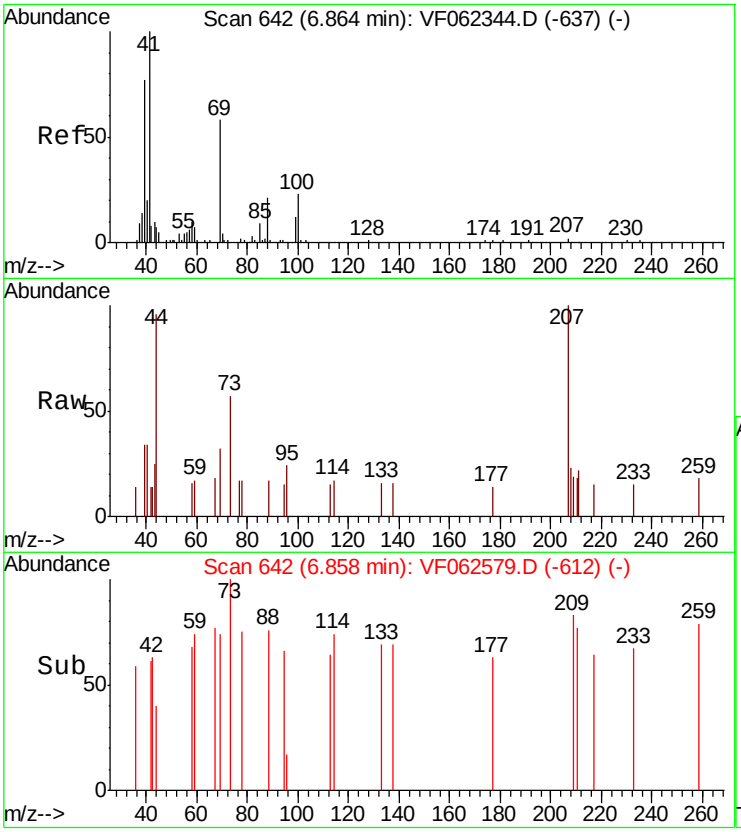


#39
Methylcyclohexane
Concen: 2.139 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.16 min
Lab File: VF062579.D
Acq: 14 May 2019 10:06

Tgt Ion: 83 Resp: 7259

Ion	Ratio	Lower	Upper
83	100		
55	24.3	69.0	103.6#
98	0.0	38.6	58.0#



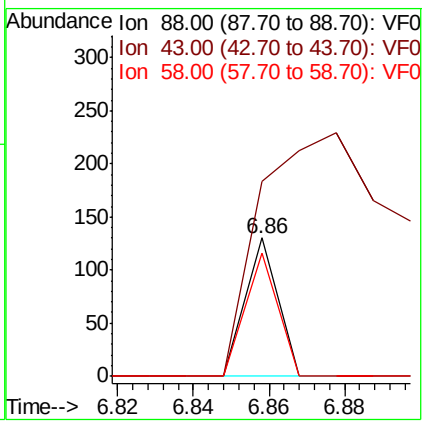


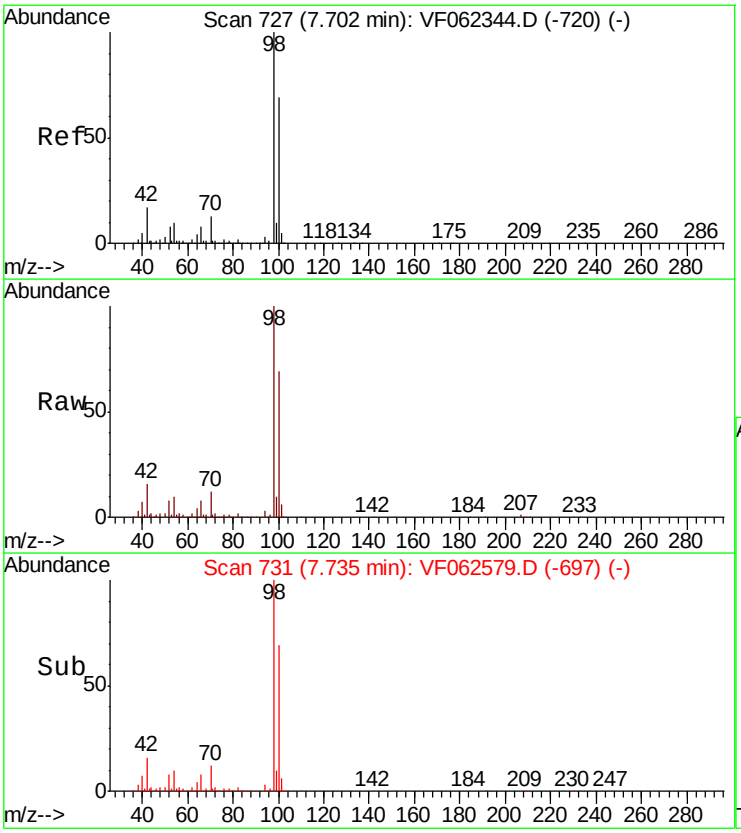
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.86 min Scan# 642
Delta R.T. -0.01 min
Lab File: VF062579.D
Acq: 14 May 2019 10:06

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0206-01

Tgt Ion: 88 Resp: 77

Ion	Ratio	Lower	Upper
88	100		
43	719.5	55.6	83.4#
58	89.6	52.8	79.2#

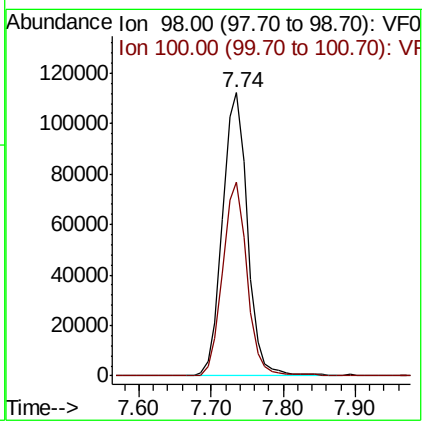


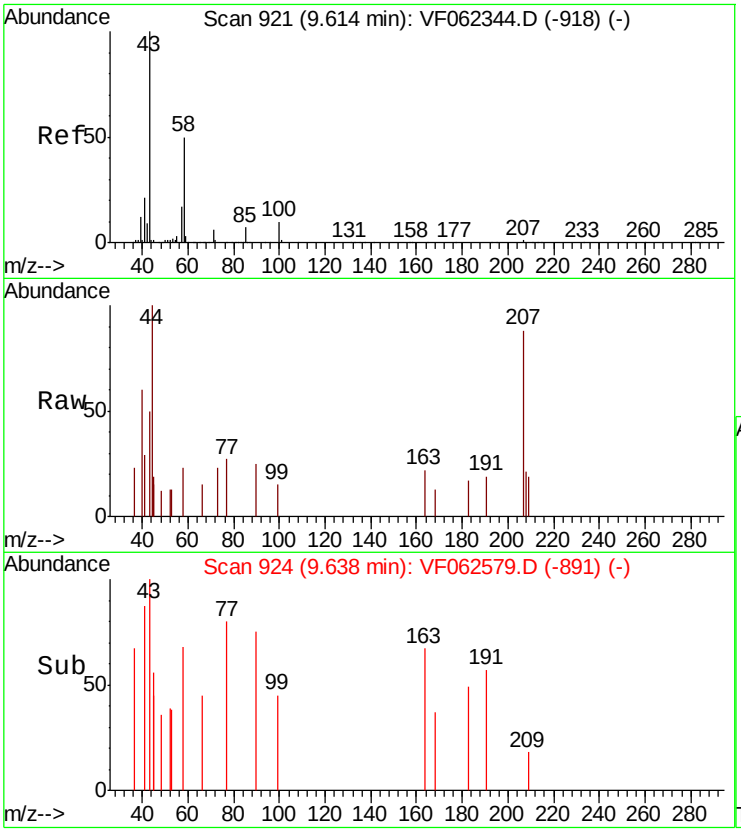


#50
Toluene-d8
Concen: 35.543 ug/l
RT: 7.74 min Scan# 731
Delta R.T. 0.03 min
Lab File: VF062579.D
Acq: 14 May 2019 10:06

Tgt Ion: 98 Resp: 270055

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.3	79.9



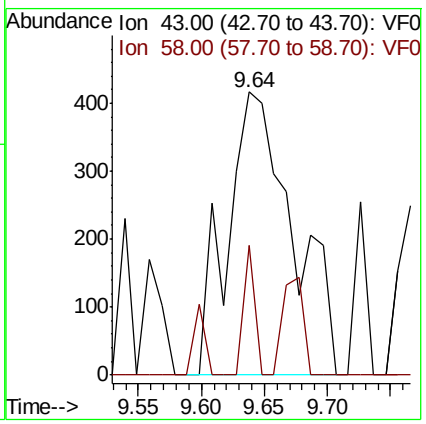


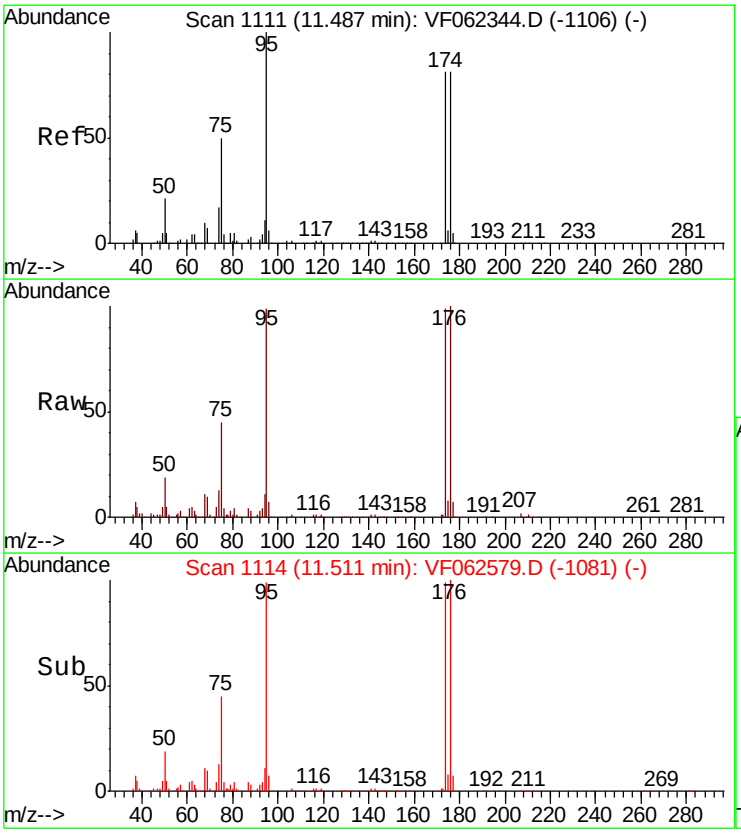
#59
2-Hexanone
Concen: 1.872 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.02 min
Lab File: VF062579.D
Acq: 14 May 2019 10:06

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0206-01

Tgt Ion: 43 Resp: 1510

Ion	Ratio	Lower	Upper
43	100		
58	7.5	24.3	73.0#

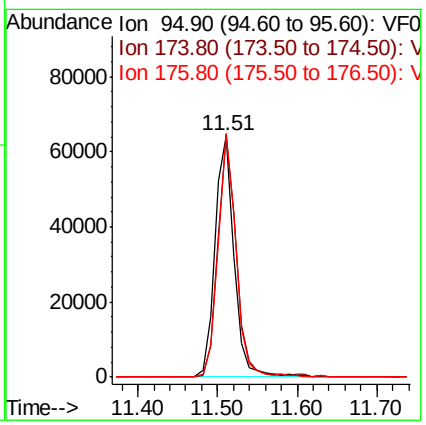


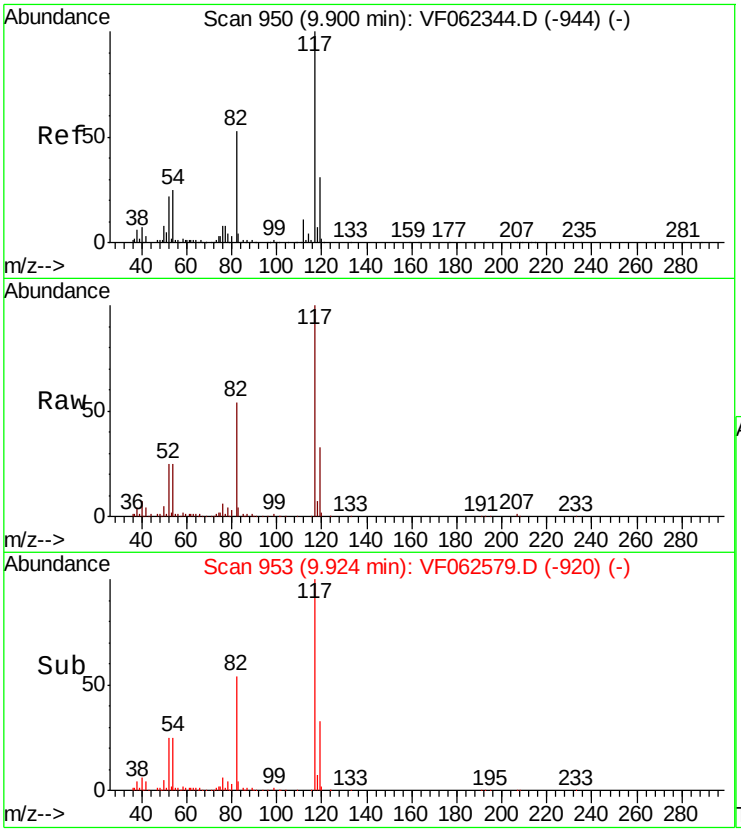


#62
4-Bromofluorobenzene
Concen: 31.812 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062579.D
Acq: 14 May 2019 10:06

Tgt Ion: 95 Resp: 109048

Ion	Ratio	Lower	Upper
95	100		
174	96.6	0.0	191.8
176	95.2	0.0	193.2



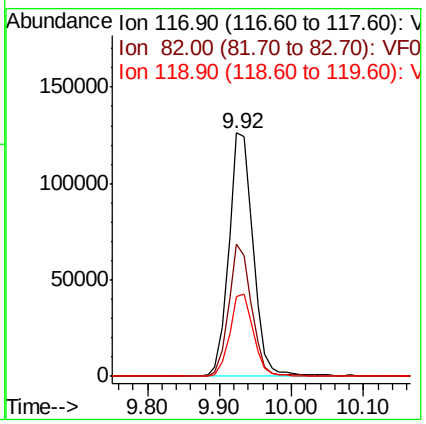


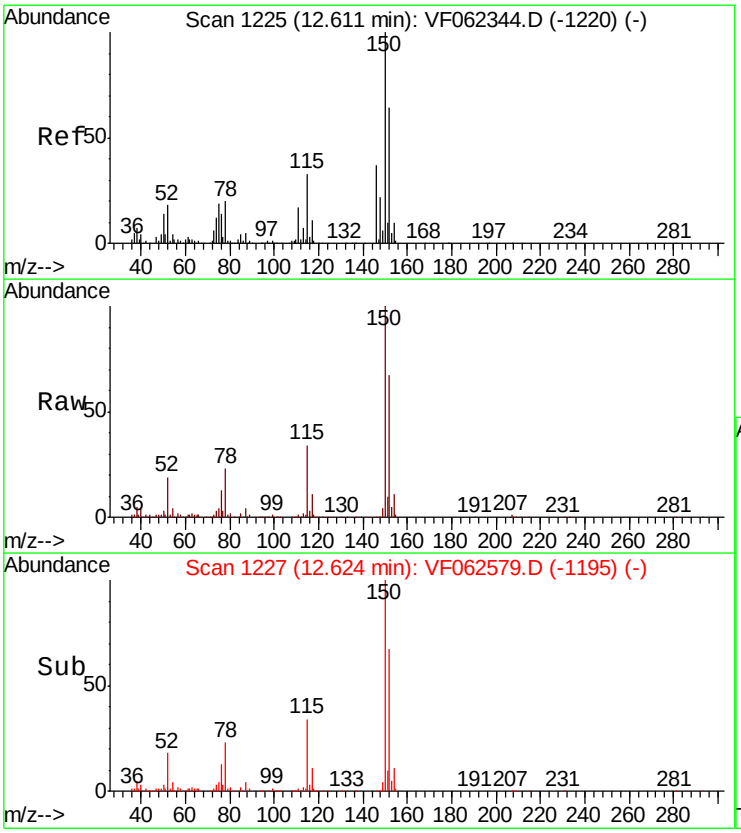
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062579.D
Acq: 14 May 2019 10:06

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0206-01

Tgt Ion:117 Resp: 297310

Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.2	63.2
119	33.0	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062579.D
Acq: 14 May 2019 10:06

Tgt Ion:152 Resp: 128541

Ion	Ratio	Lower	Upper
152	100		
115	53.6	26.4	79.2
150	151.9	0.0	335.0