Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062574.D
Acq On : 14 May 2019 7:46
Operator : FY/SY
Sample : K2757-02
Misc : 5.66g/5mL/MSVOA_F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P021-SS008-1824-01

Quant Time: May 14 08:40:15 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	5.08	168	315974	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	454092	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	392898	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	233252	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	139087	46.58	ug/l	0.04
Spiked Amount 50.000			Recovery = 93.16%			
35) Dibromofluoromethane	4.33	113	169267	46.79	ug/l	0.03
Spiked Amount 50.000			Recovery = 93.58%			
50) Toluene-d8	7.73	98	318938	36.42	ug/l	0.03
Spiked Amount 50.000			Recovery = 72.84%			
62) 4-Bromofluorobenzene	11.51	95	162804	41.21	ug/l	0.02
Spiked Amount 50.000			Recovery = 82.42%			
Target Compounds						Qvalue
5) Bromomethane	1.41	94	733	Below Cal	#	3
11) Tert butyl alcohol	2.70	59	712	4.219	ug/l #	1
13) Acrolein	2.14	56	534	Below Cal	#	78
15) Acrylonitrile	3.11	53	406	1.270	ug/l #	8
16) Acetone	2.35	43	4846	8.022	ug/l #	82
18) Methyl Acetate	2.45	43	682	Below Cal		99
25) 2-Butanone	4.53	43	882	1.162	ug/l #	60
29) Tetrahydrofuran	4.31	42	545	1.563	ug/l #	45
37) Ethyl Acetate	4.34	43	789	Below Cal	#	98
38) Carbon Tetrachloride	4.07	117	60	Below Cal	#	14
39) Methylcyclohexane	5.80	83	7778	1.988	ug/l #	34
49) 1,4-Dioxane	6.98	88	66	Below Cal	#	1
70) Styrene	10.90	104	12451	1.831	ug/l	99

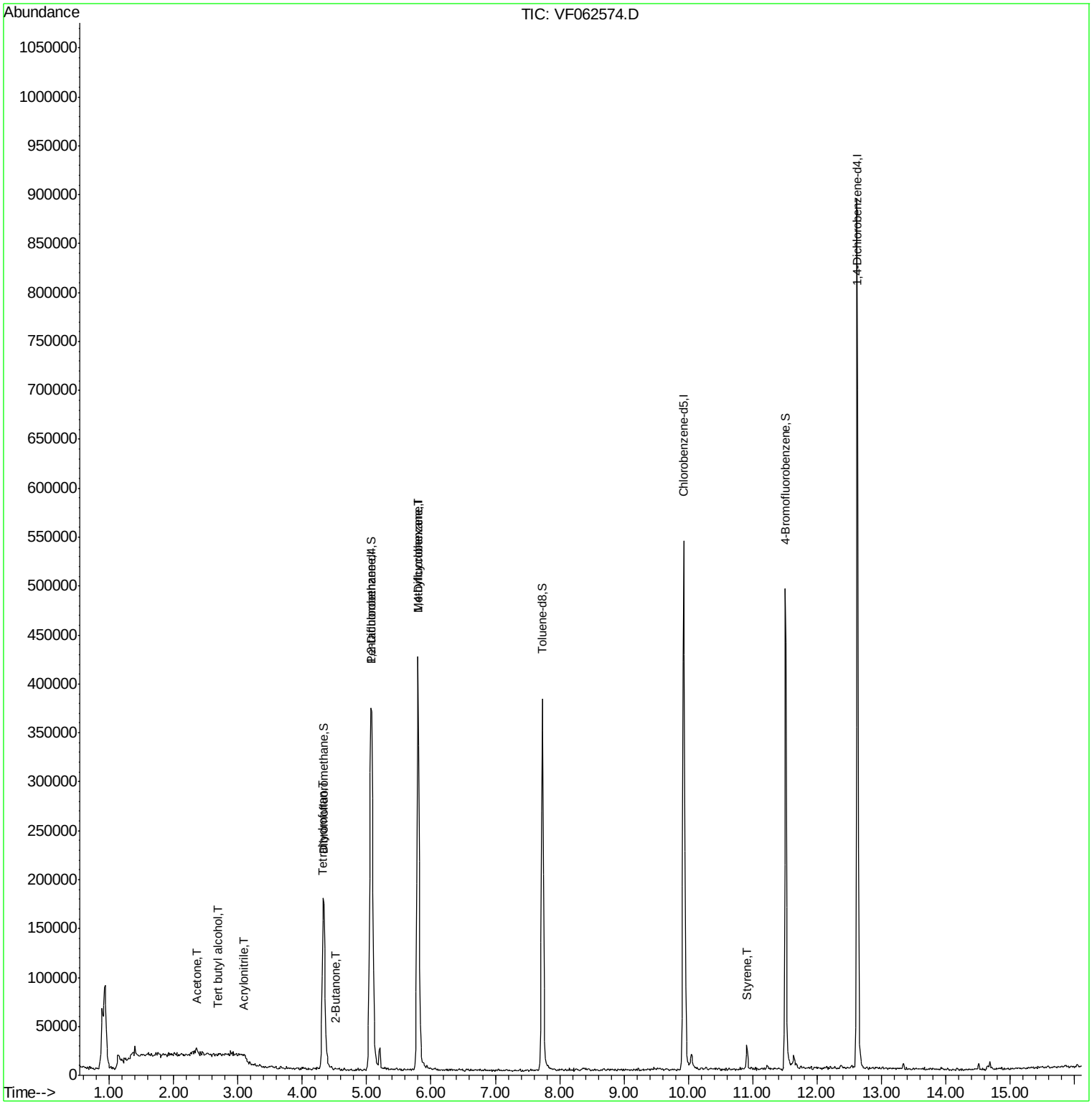
(#) = qualifier out of range (m) = manual integration (+) = signals summed

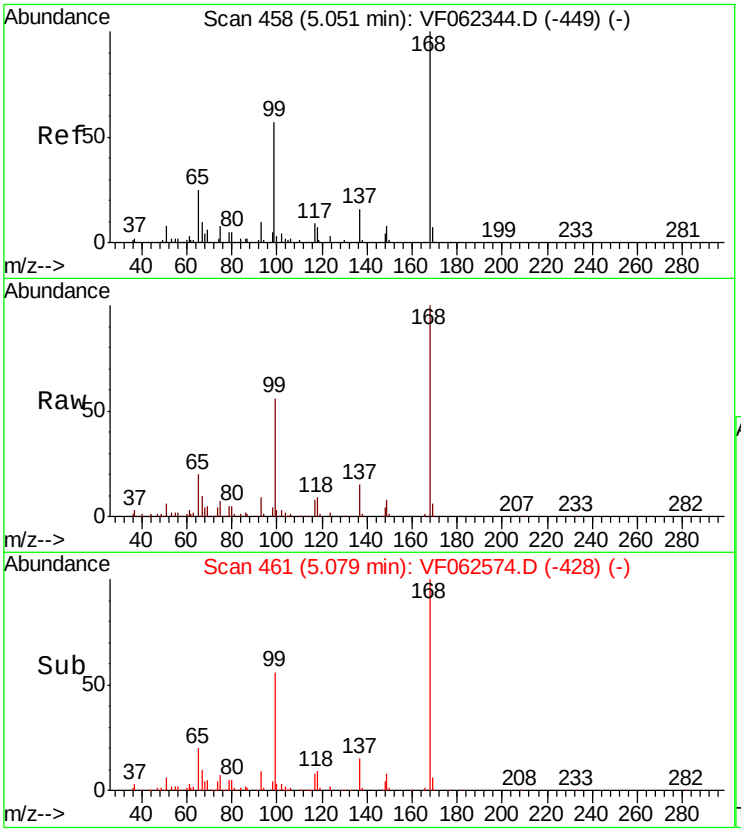
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062574.D
Acq On : 14 May 2019 7:46
Operator : FY/SY
Sample : K2757-02
Misc : 5.66g/5mL/MSVOA_F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-1824-01

Quant Time: May 14 08:40:15 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



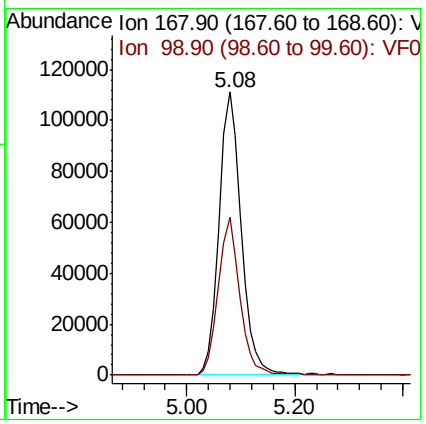


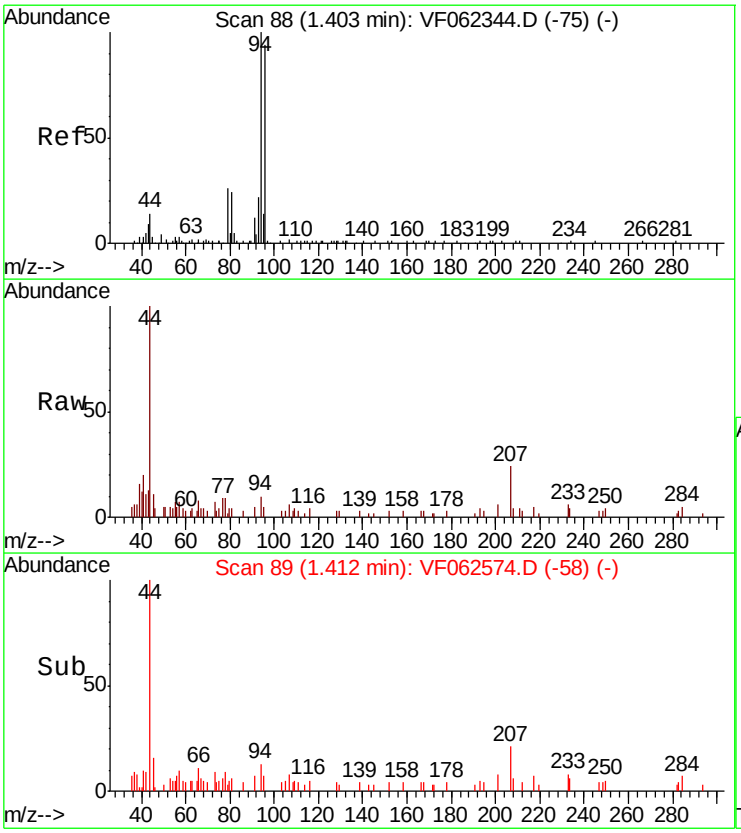
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 461
Delta R.T. 0.03 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-1824-01

Tgt Ion:168 Resp: 315974

Ion	Ratio	Lower	Upper
168	100		
99	55.6	45.9	68.9

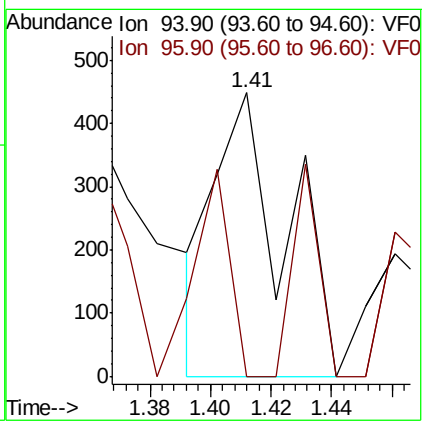


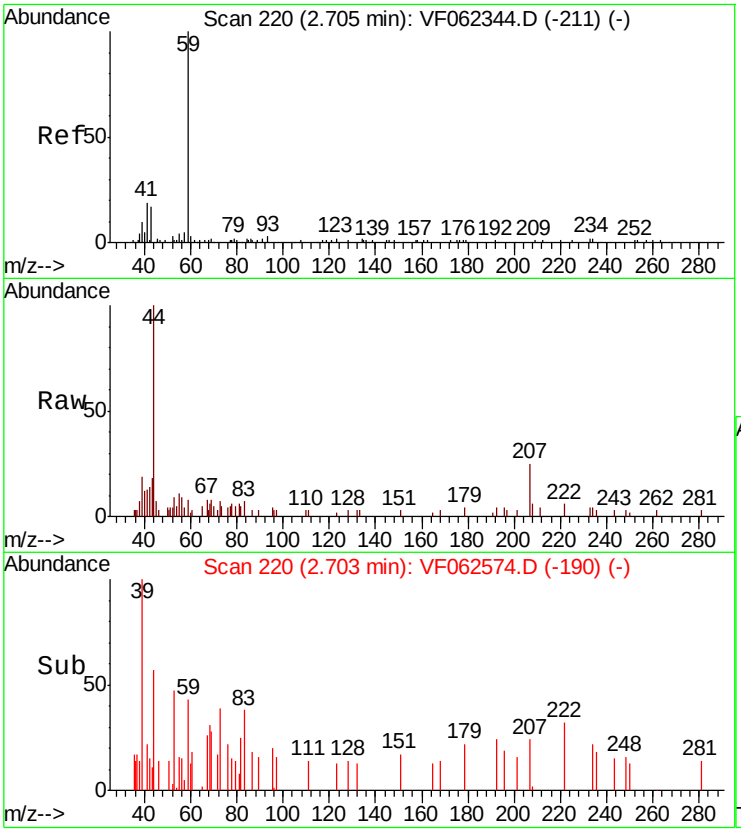


#5
Bromomethane
Concen: Below Cal
RT: 1.41 min Scan# 89
Delta R.T. 0.01 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Tgt Ion: 94 Resp: 733

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.4	113.2#



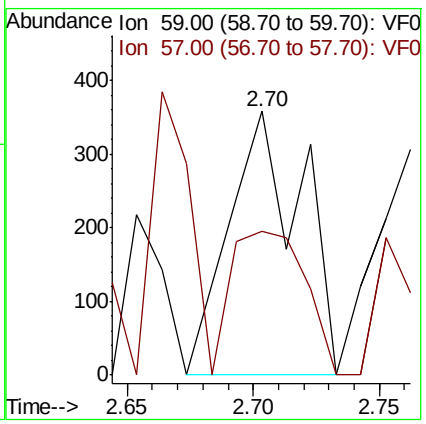


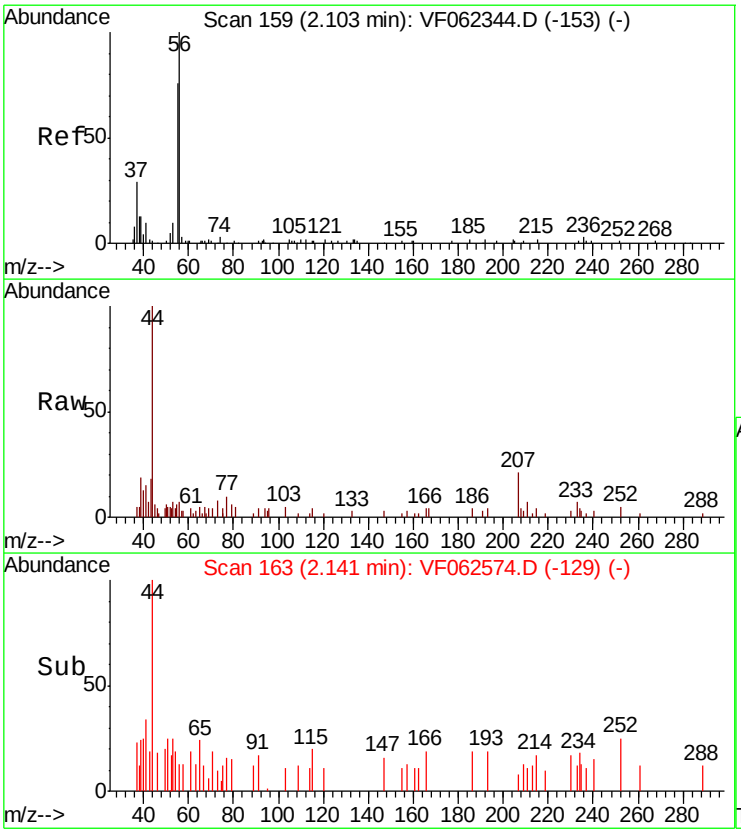
#11
Tert butyl alcohol
Concen: 4.219 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.00 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-1824-01

Tgt Ion: 59 Resp: 712

Ion	Ratio	Lower	Upper
59	100		
57	56.5	9.3	13.9#

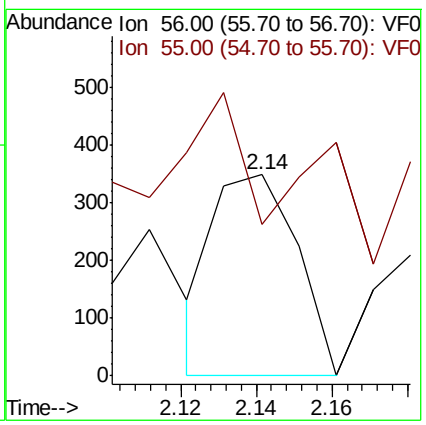


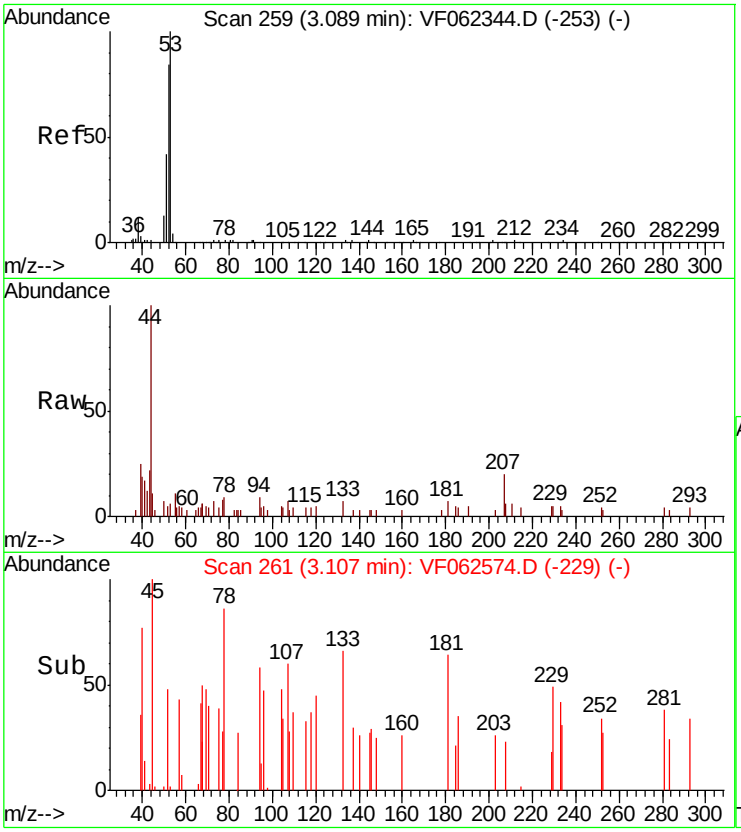


#13
Acrolein
Concen: Below Cal
RT: 2.14 min Scan# 163
Delta R.T. 0.04 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Tgt Ion: 56 Resp: 534

Ion	Ratio	Lower	Upper
56	100		
55	54.9	58.4	87.6#



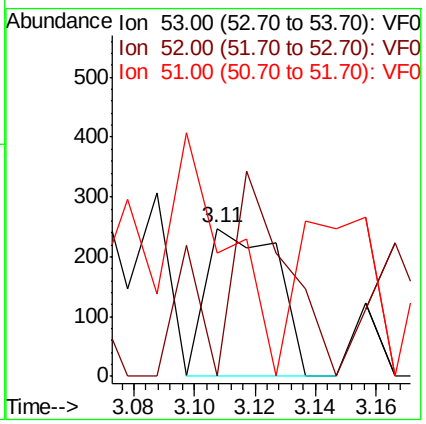


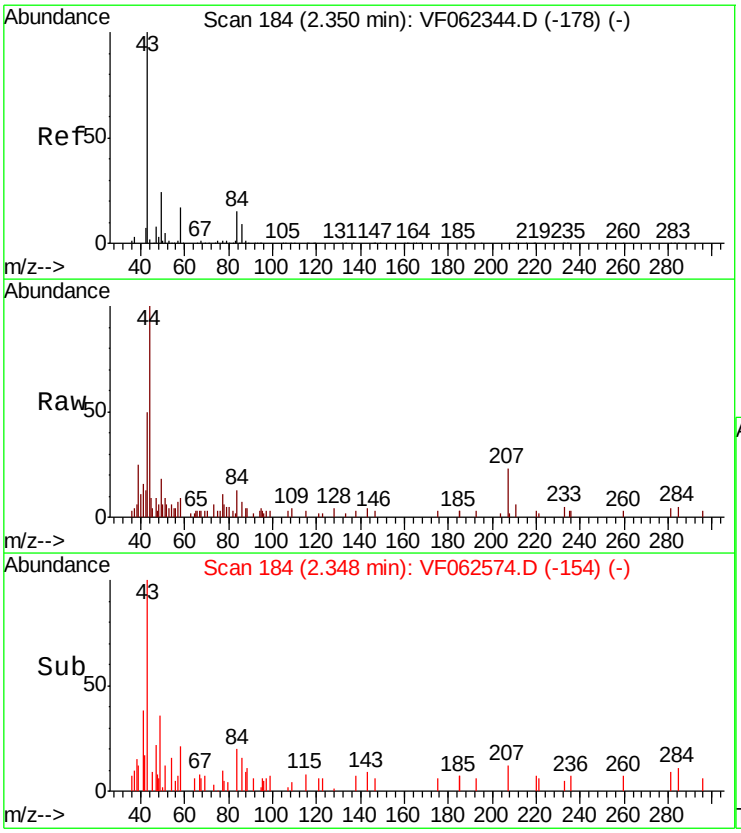
#15
Acrylonitrile
Concen: 1.270 ug/l
RT: 3.11 min Scan# 261
Delta R.T. 0.02 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Instrument : MSVOA_F
ClientSampleId : P021-SS008-1824-01

Tgt Ion: 53 Resp: 406

Ion	Ratio	Lower	Upper
53	100		
52	133.5	77.2	115.8#
51	186.2	40.6	61.0#

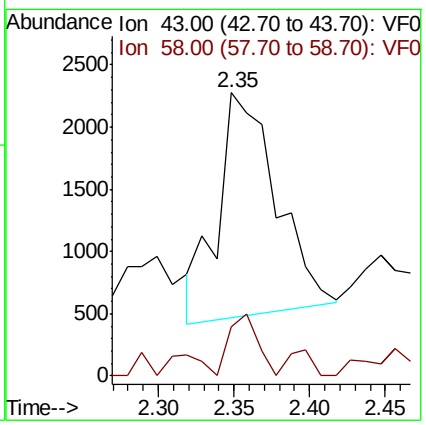


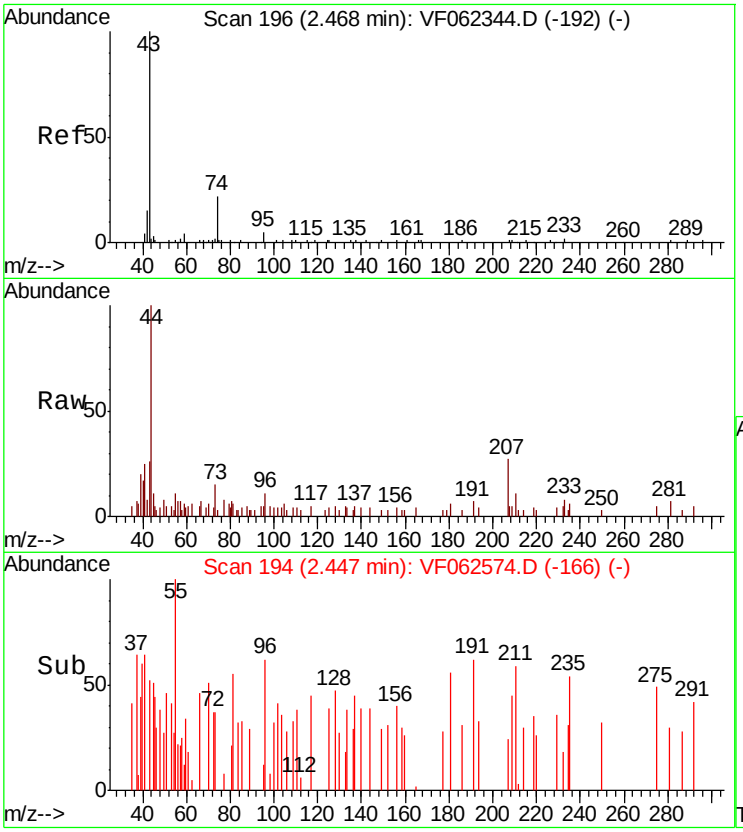


#16
Acetone
Concen: 8.022 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Tgt Ion: 43 Resp: 4846

Ion	Ratio	Lower	Upper
43	100		
58	24.1	13.1	19.7#



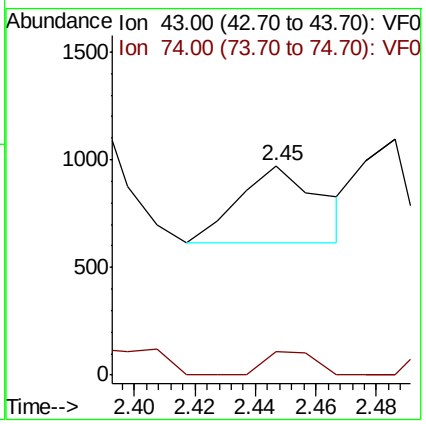


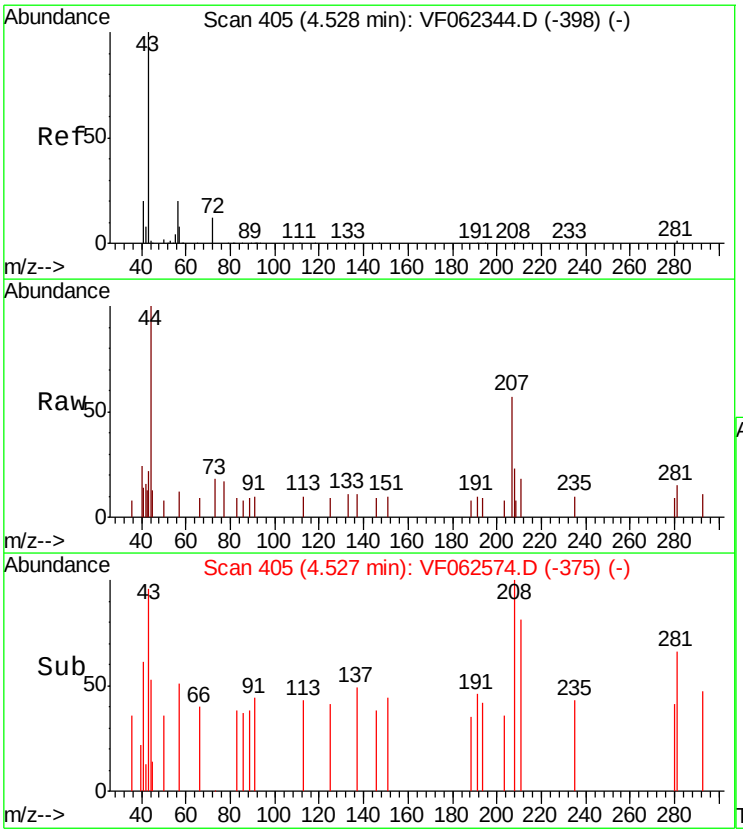
#18
Methyl Acetate
Concen: Below Cal
RT: 2.45 min Scan# 194
Delta R.T. -0.02 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Instrument : MSVOA_F
ClientSampleId : P021-SS008-1824-01

Tgt Ion: 43 Resp: 682

Ion	Ratio	Lower	Upper
43	100		
74	18.0	15.0	22.4

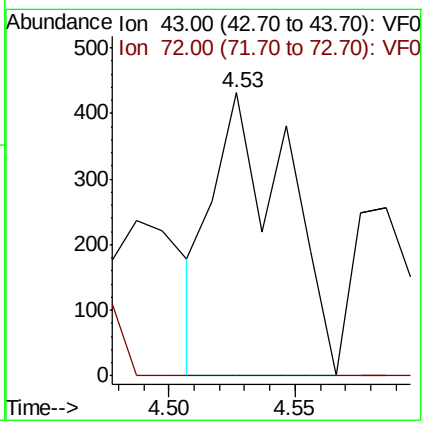


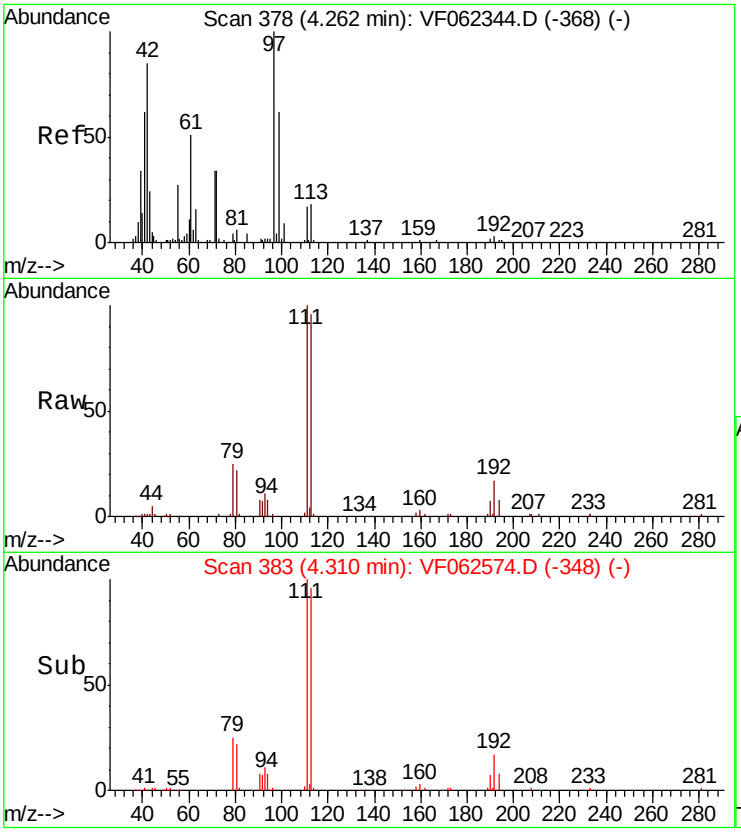


#25
2-Butanone
Concen: 1.162 ug/l
RT: 4.53 min Scan# 405
Delta R.T. -0.00 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Tgt Ion: 43 Resp: 882

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#



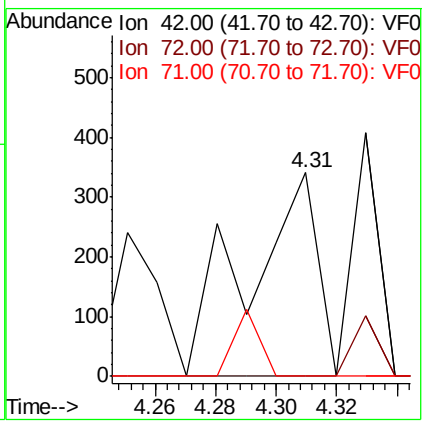


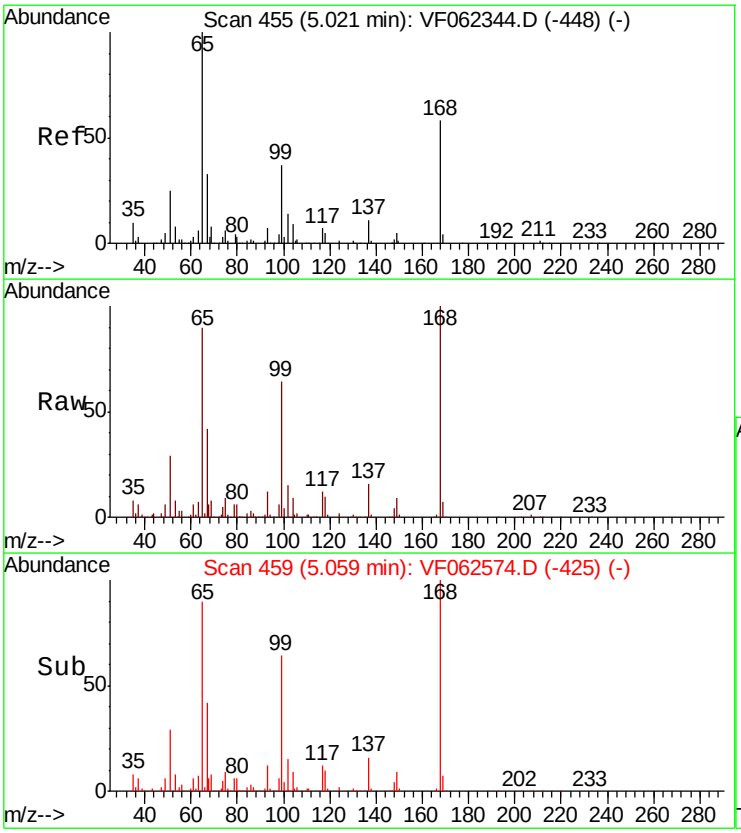
#29
Tetrahydrofuran
Concen: 1.563 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.05 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-1824-01

Tgt Ion: 42 Resp: 545

Ion	Ratio	Lower	Upper
42	100		
72	11.0	31.4	47.0#
71	0.0	31.7	47.5#

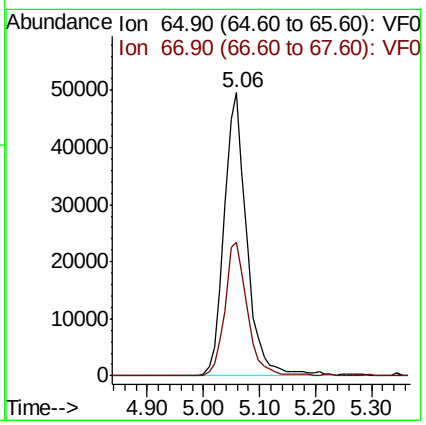


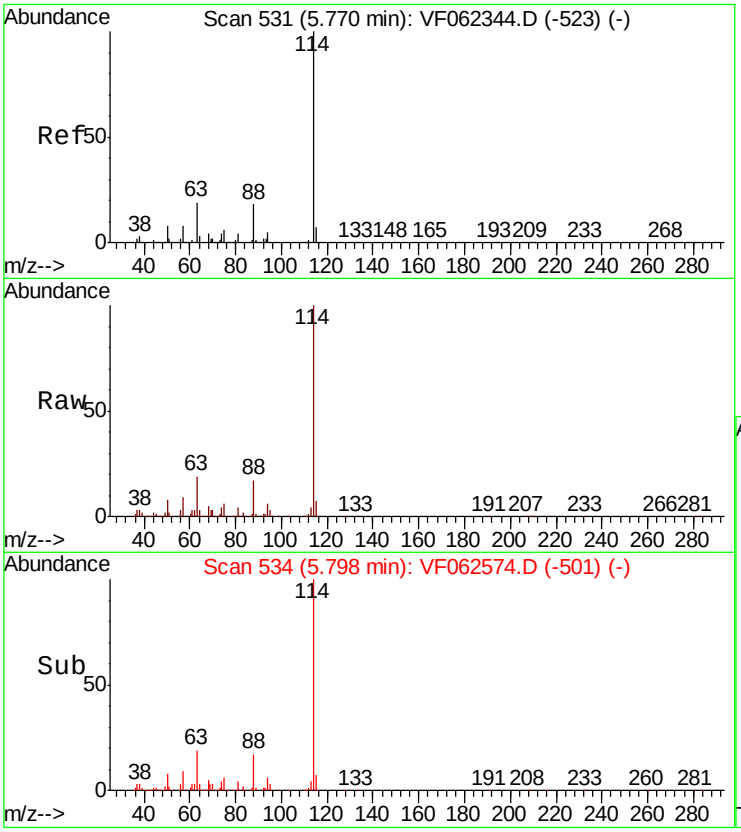


#33
1,2-Dichloroethane-d4
Concen: 46.578 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.04 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Tgt Ion: 65 Resp: 139087

Ion	Ratio	Lower	Upper
65	100		
67	46.6	0.0	85.8



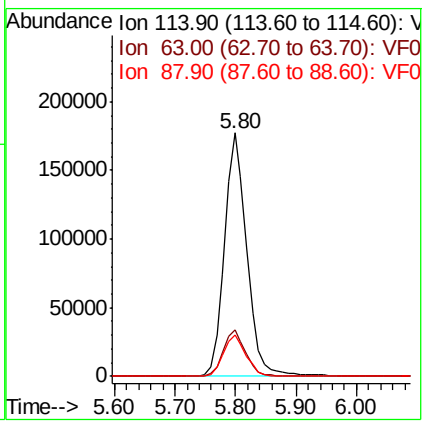


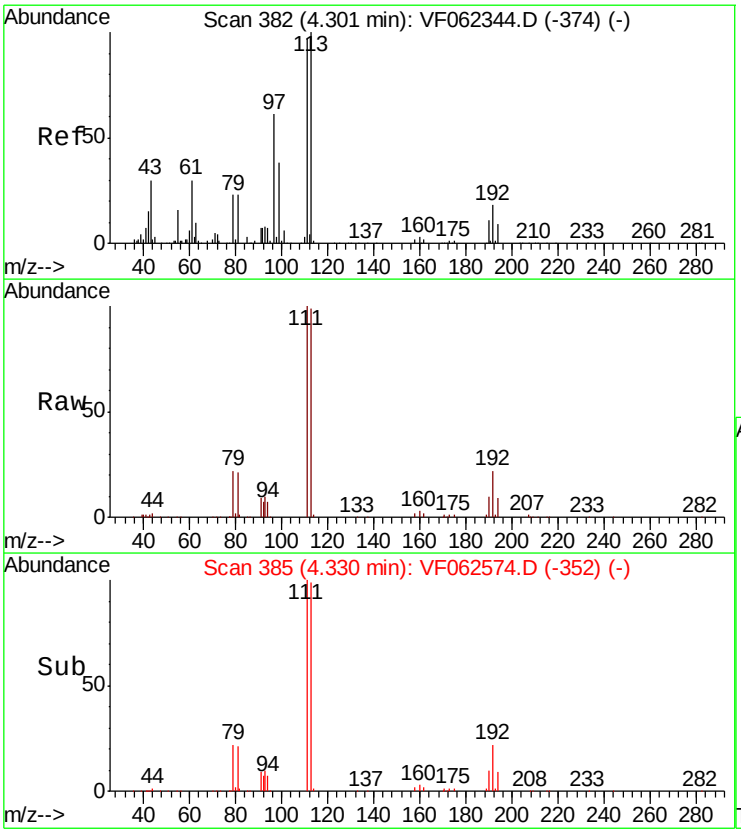
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 534
Delta R.T. 0.03 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-1824-01

Tgt Ion:114 Resp: 454092

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	37.4
88	17.2	0.0	36.4

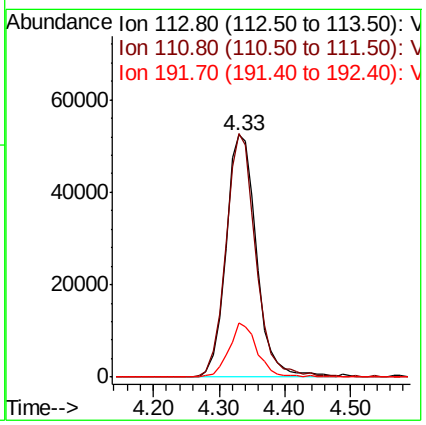


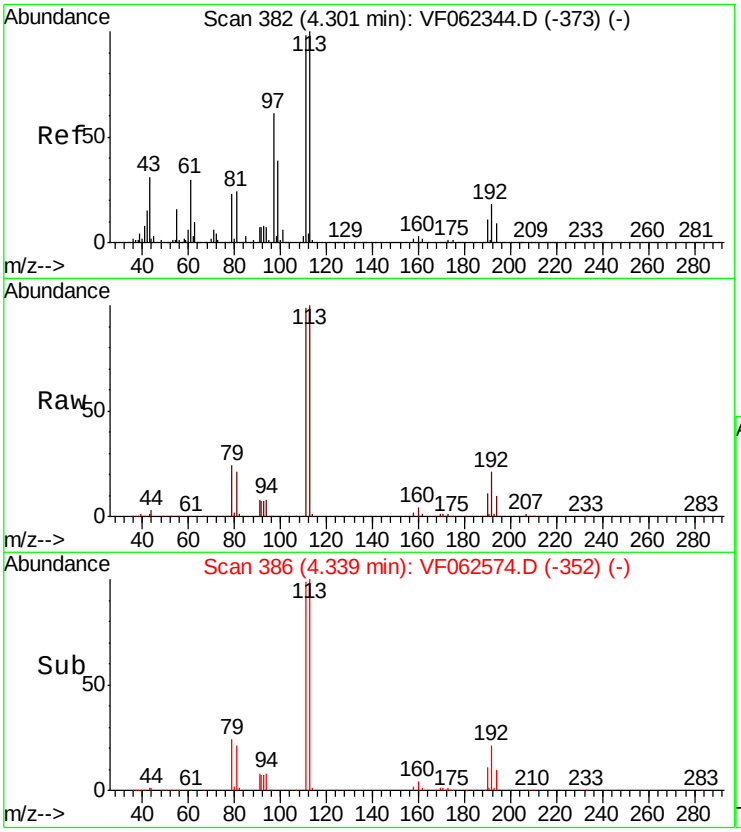


#35
Dibromofluoromethane
Concen: 46.789 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.03 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Tgt Ion:113 Resp: 169267

Ion	Ratio	Lower	Upper
113	100		
111	98.7	79.4	119.0
192	20.9	16.0	24.0



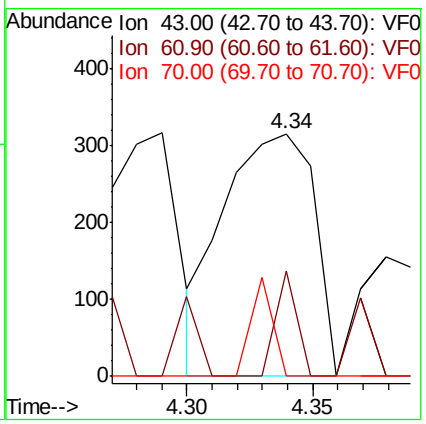


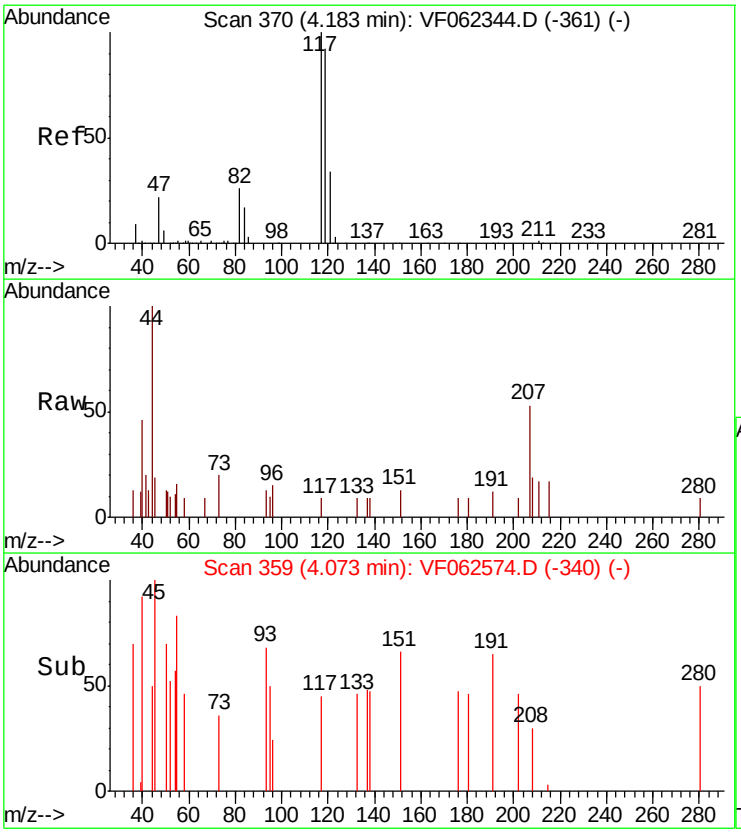
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 386
Delta R.T. 0.04 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Instrument : MSVOA_F
ClientSampleId : P021-SS008-1824-01

Tgt Ion: 43 Resp: 789

Ion	Ratio	Lower	Upper
43	100		
61	10.3	0.0	0.0#
70	9.6	8.2	12.2

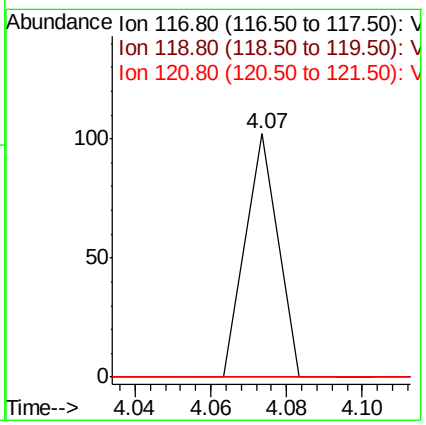


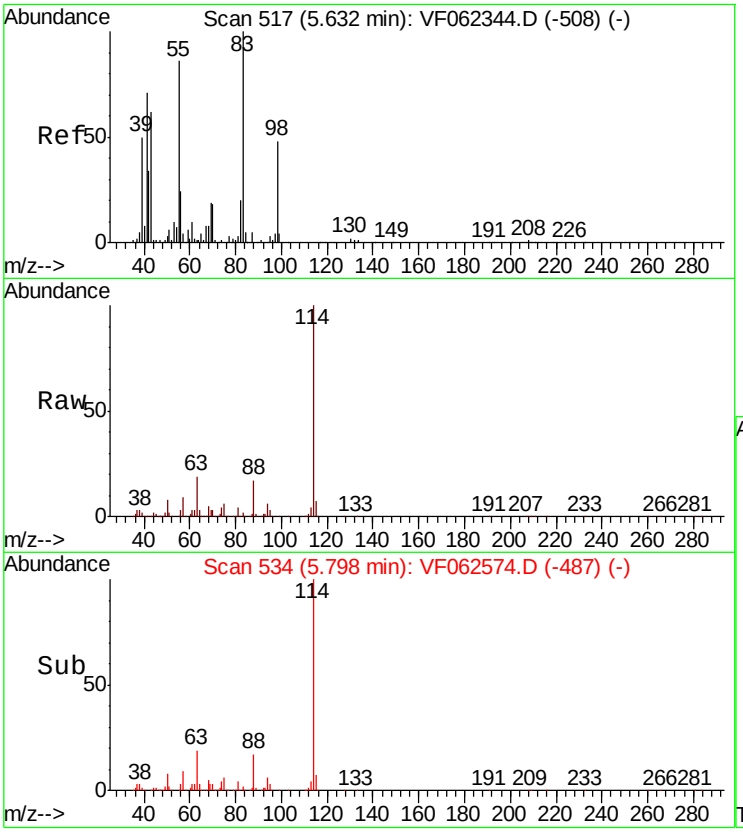


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.07 min Scan# 359
Delta R.T. -0.11 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Tgt Ion:117 Resp: 60

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



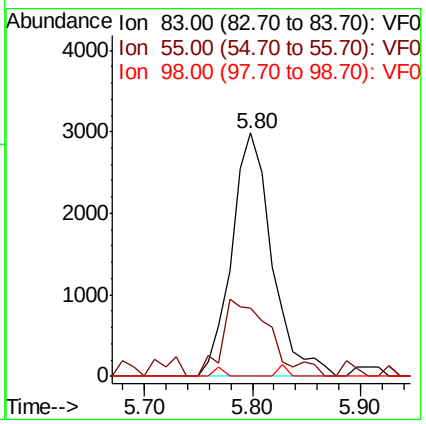


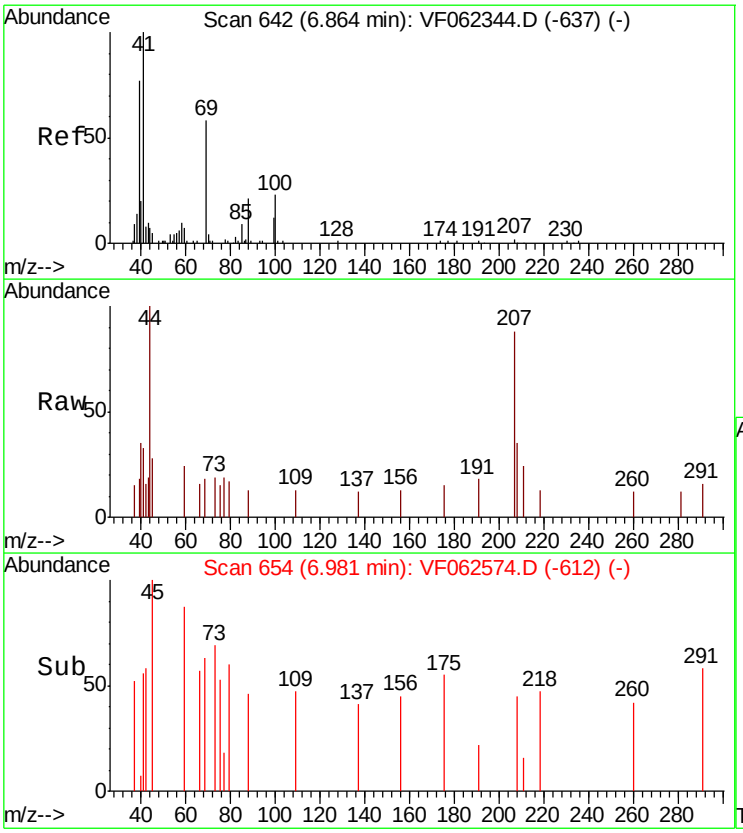
#39
Methylcyclohexane
Concen: 1.988 ug/l
RT: 5.80 min Scan# 534
Delta R.T. 0.17 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-1824-01

Tgt Ion: 83 Resp: 7778

Ion	Ratio	Lower	Upper
83	100		
55	28.1	69.0	103.6#
98	0.0	38.6	58.0#

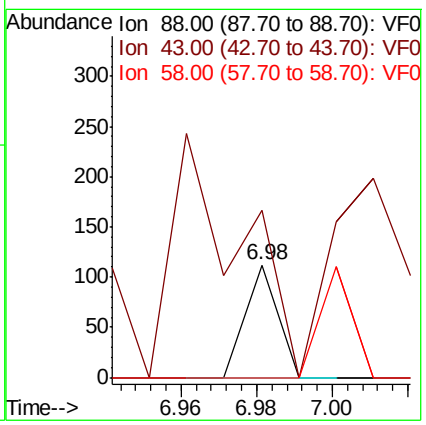


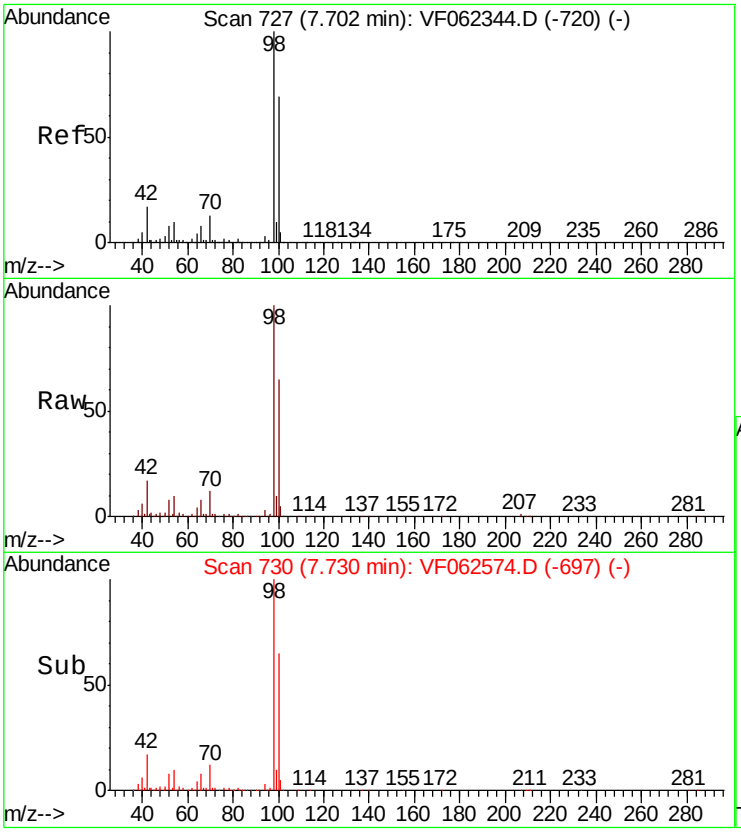


#49
1,4-Dioxane
Concen: Below Cal
RT: 6.98 min Scan# 654
Delta R.T. 0.12 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Tgt Ion: 88 Resp: 66

Ion	Ratio	Lower	Upper
88	100		
43	457.6	55.6	83.4#
58	0.0	52.8	79.2#



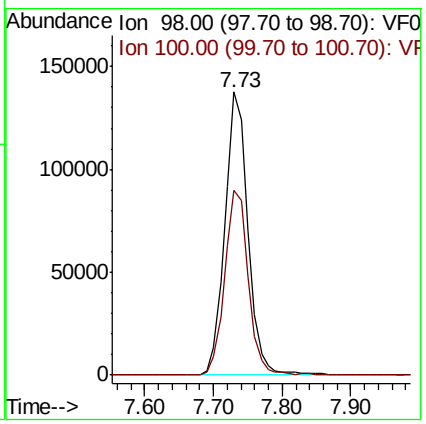


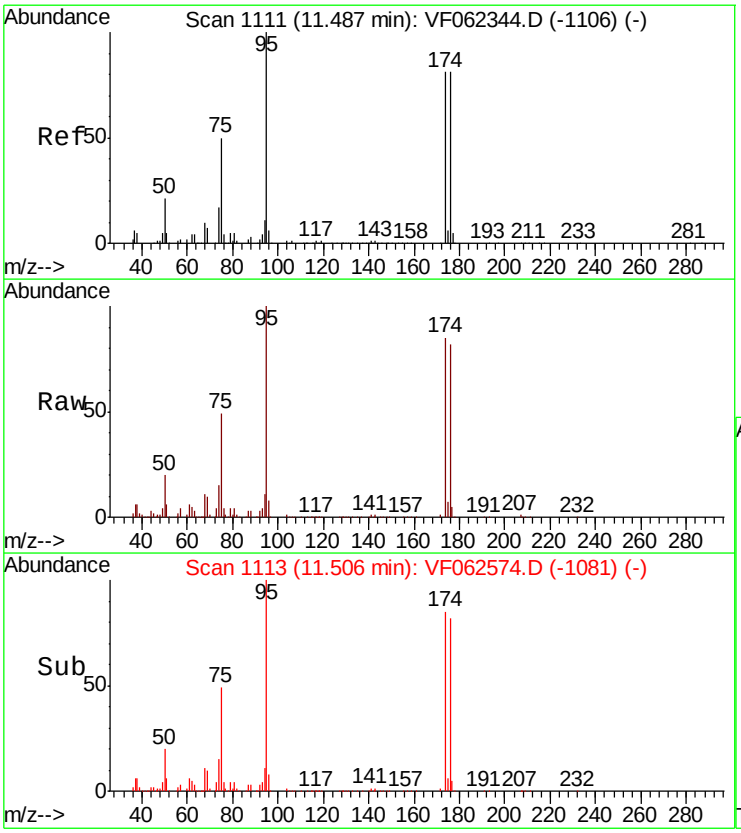
#50
Toluene-d8
Concen: 36.420 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.03 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Instrument : MSVOA_F
ClientSampleId : P021-SS008-1824-01

Tgt Ion: 98 Resp: 318938

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.3	79.9

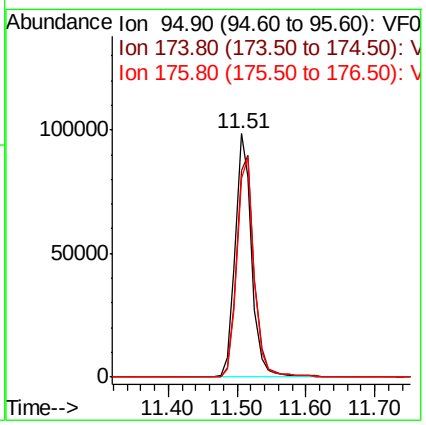


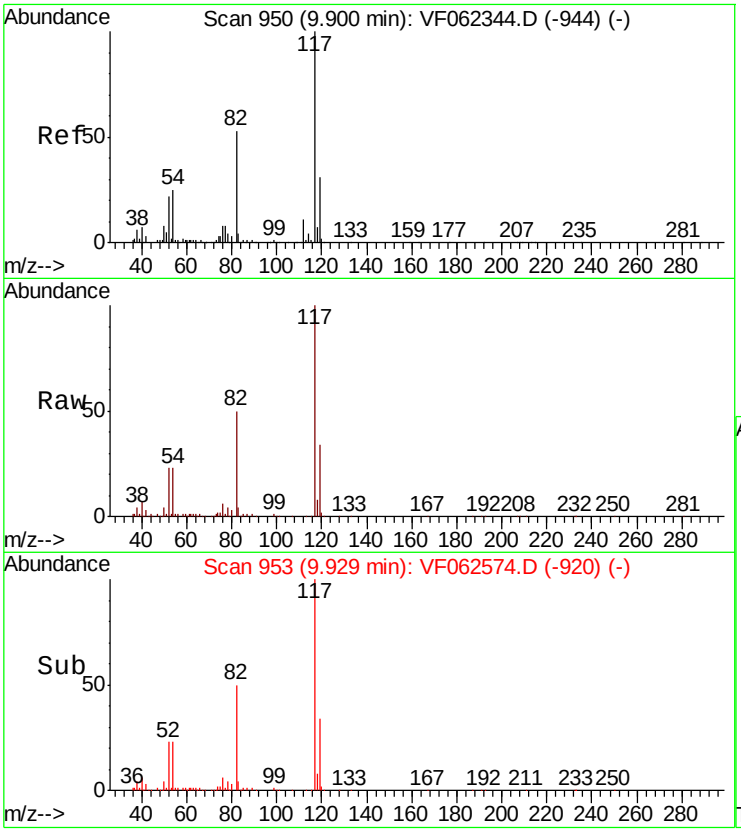


#62
4-Bromofluorobenzene
Concen: 41.207 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Tgt Ion: 95 Resp: 162804

Ion	Ratio	Lower	Upper
95	100		
174	97.6	0.0	191.8
176	94.7	0.0	193.2



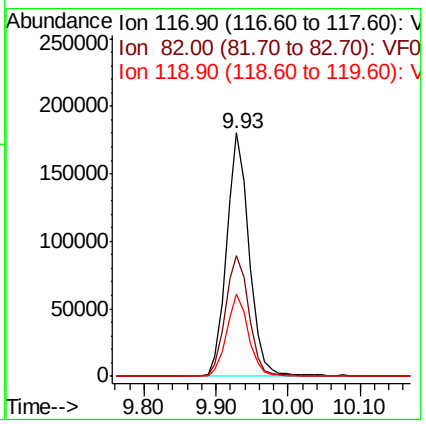


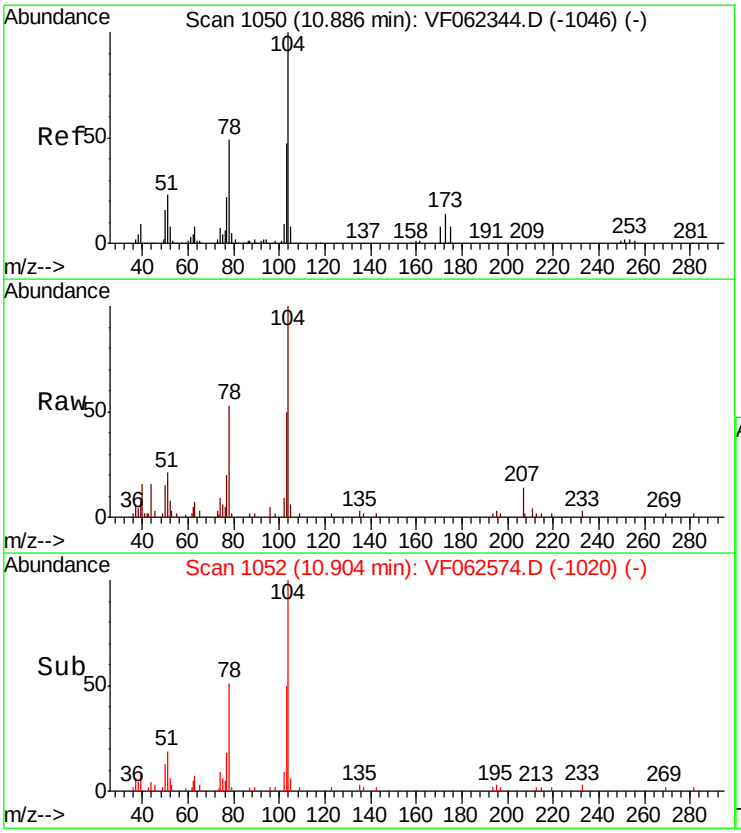
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-1824-01

Tgt Ion:117 Resp: 392898

Ion	Ratio	Lower	Upper
117	100		
82	49.7	42.2	63.2
119	33.6	25.0	37.4

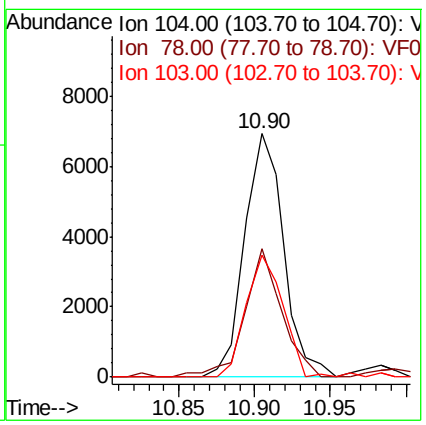


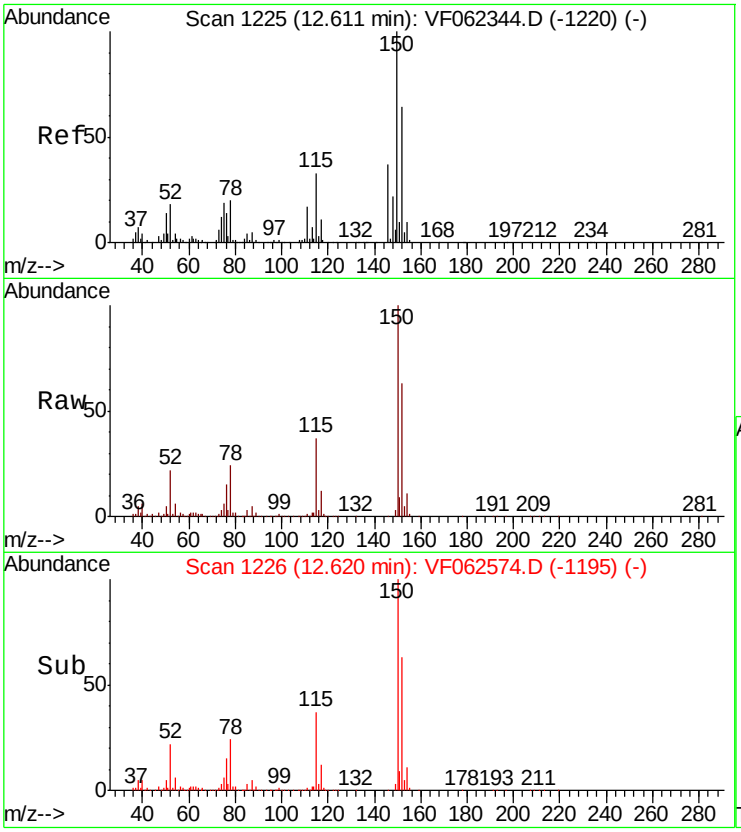


#70
Styrene
Concen: 1.831 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. 0.02 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Tgt Ion:104 Resp: 12451

Ion	Ratio	Lower	Upper
104	100		
78	49.9	39.5	59.3
103	47.6	38.4	57.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062574.D
Acq: 14 May 2019 7:46

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-1824-01

Tgt Ion:152 Resp: 233252

Ion	Ratio	Lower	Upper
152	100		
115	55.3	26.4	79.2
150	156.0	0.0	335.0