Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062532.D
Acq On : 13 May 2019 6:12
Operator : FY/SY
Sample : K2734-13RE
Misc : 4.19g/5mL/MSVOA_F/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P026-SS013-0612-01

Quant Time: May 13 07:33:13 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	158102	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	178112	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	138502	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	55345	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	56760	37.99	ug/l	0.04
Spiked Amount 50.000			Recovery = 75.98%			
35) Dibromofluoromethane	4.33	113	71161	50.15	ug/l	0.03
Spiked Amount 50.000			Recovery = 100.30%			
50) Toluene-d8	7.73	98	135929	39.57	ug/l	0.03
Spiked Amount 50.000			Recovery = 79.14%			
62) 4-Bromofluorobenzene	11.51	95	45622	29.44	ug/l	0.02
Spiked Amount 50.000			Recovery = 58.88%			
Target Compounds						Qvalue
5) Bromomethane	1.39	94	300	Below Cal	#	3
11) Tert butyl alcohol	2.69	59	618	7.318	ug/l #	1
13) Acrolein	2.08	56	973	Below Cal		96
14) Allyl chloride	2.19	41	1088	1.016	ug/l #	39
15) Acrylonitrile	3.11	53	730	4.564	ug/l #	1
16) Acetone	2.35	43	4533	14.997	ug/l #	91
18) Methyl Acetate	2.52	43	1149	Below Cal	#	91
20) Methylene Chloride	2.31	84	3932	3.596	ug/l #	67
25) 2-Butanone	4.56	43	1465	3.858	ug/l #	60
29) Tetrahydrofuran	4.04	42	189	1.083	ug/l	92
37) Ethyl Acetate	4.30	43	723	Below Cal	#	86
38) Carbon Tetrachloride	4.28	117	62	Below Cal	#	14
39) Methylcyclohexane	5.80	83	3679	2.398	ug/l #	48
41) Methacrylonitrile	4.95	41	564	1.537	ug/l #	37
49) 1,4-Dioxane	6.91	88	66	Below Cal	#	1
59) 2-Hexanone	9.65	43	1085	2.975	ug/l #	39

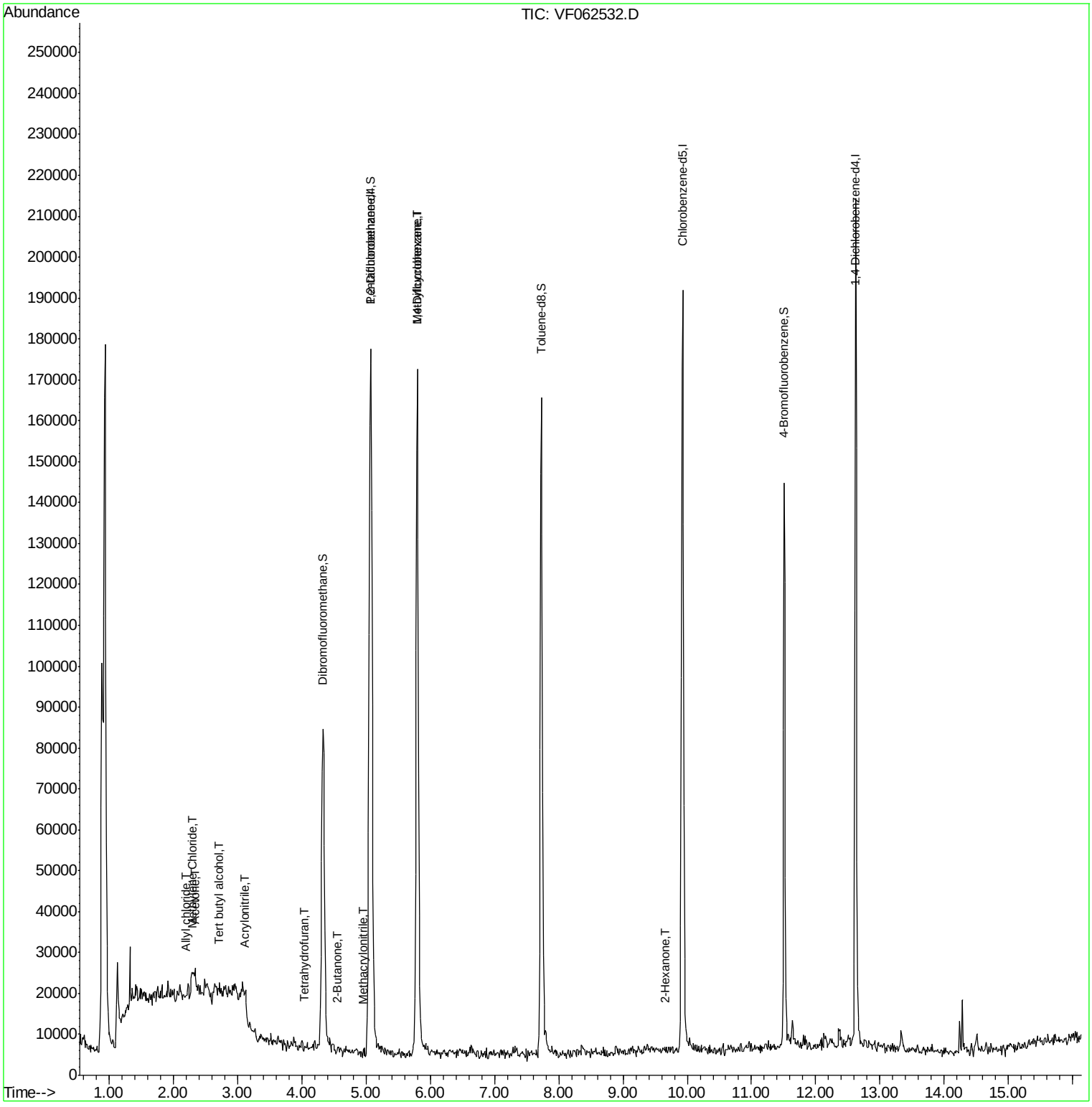
(#) = qualifier out of range (m) = manual integration (+) = signals summed

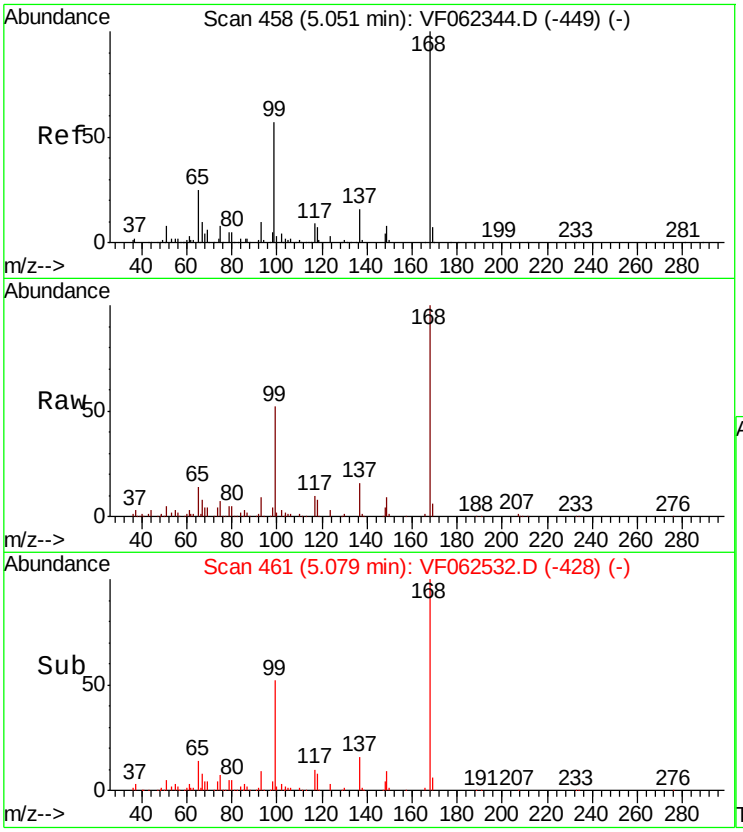
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062532.D
Acq On : 13 May 2019 6:12
Operator : FY/SY
Sample : K2734-13RE
Misc : 4.19g/5mL/MSVOA_F/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P026-SS013-0612-01

Quant Time: May 13 07:33:13 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



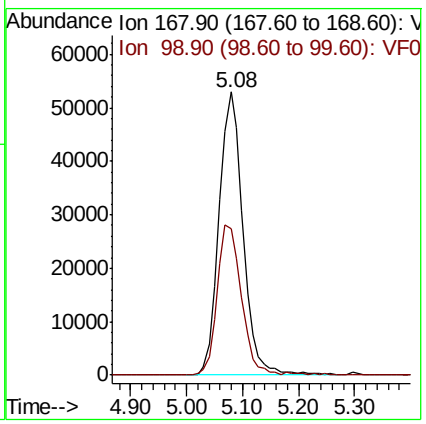


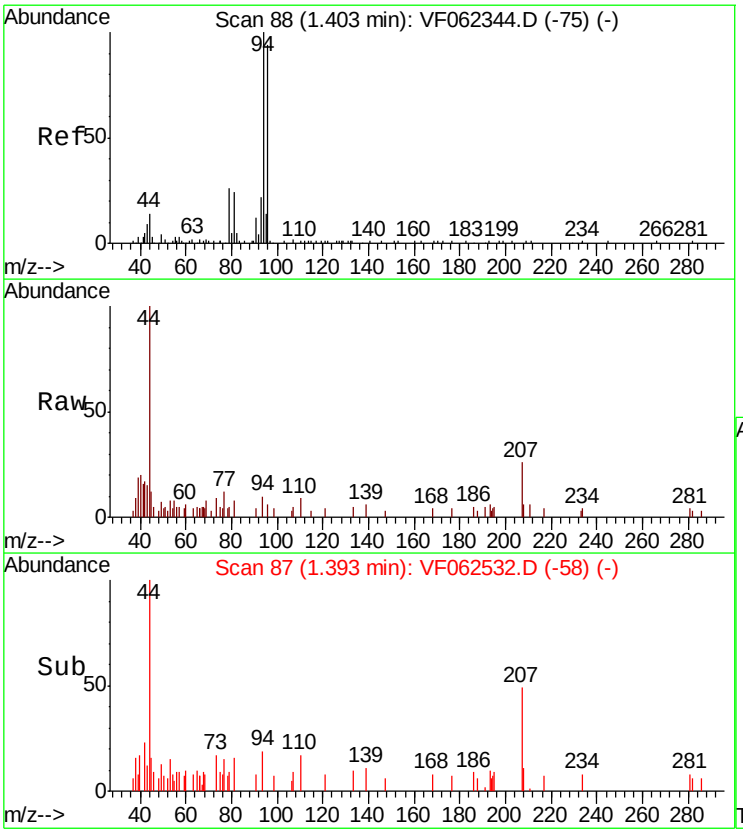
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 461
Delta R.T. 0.03 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-0612-01

Tgt Ion:168 Resp: 158102

Ion	Ratio	Lower	Upper
168	100		
99	51.8	45.9	68.9

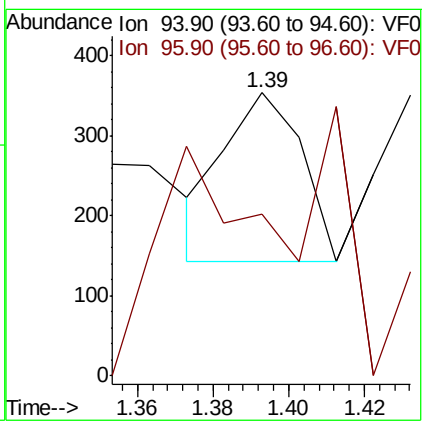


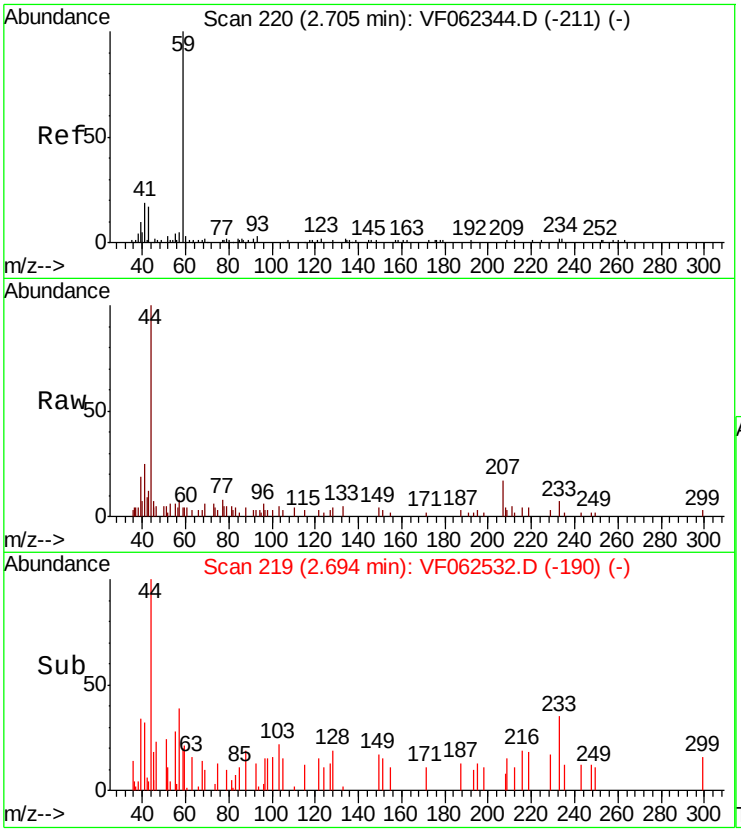


#5
Bromomethane
Concen: Below Cal
RT: 1.39 min Scan# 87
Delta R.T. -0.01 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Tgt Ion: 94 Resp: 300

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.4	113.2#



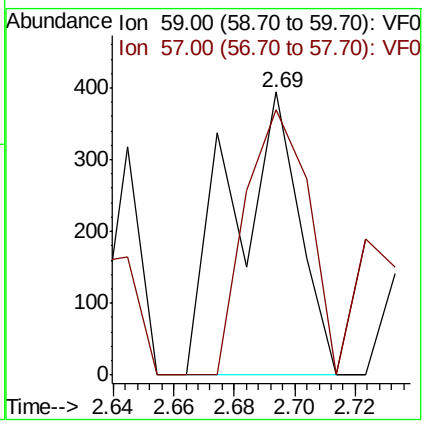


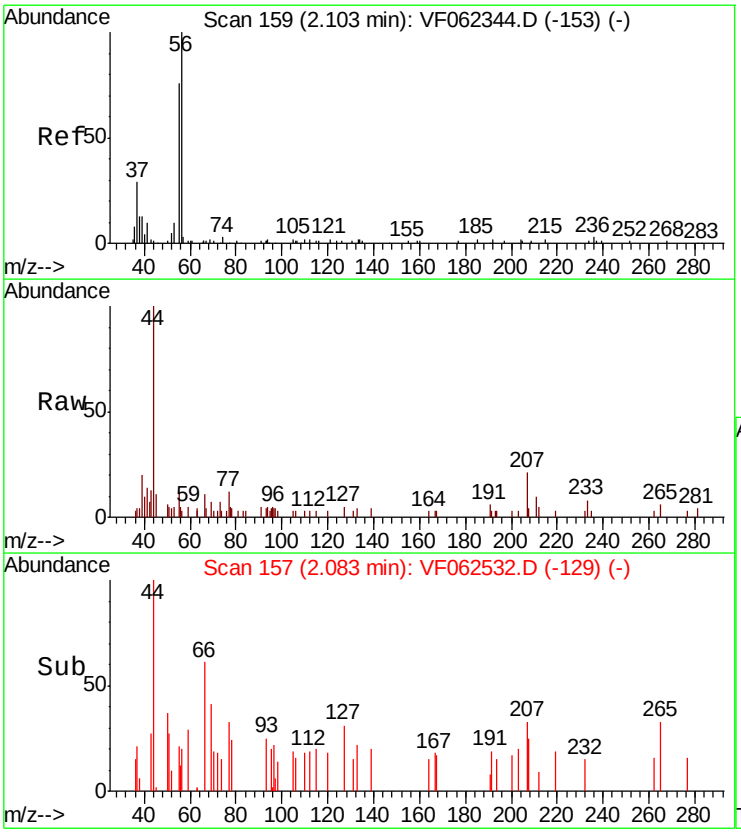
#11
Tert butyl alcohol
Concen: 7.318 ug/l
RT: 2.69 min Scan# 219
Delta R.T. -0.01 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-0612-01

Tgt Ion: 59 Resp: 618

Ion	Ratio	Lower	Upper
59	100		
57	86.2	9.3	13.9#

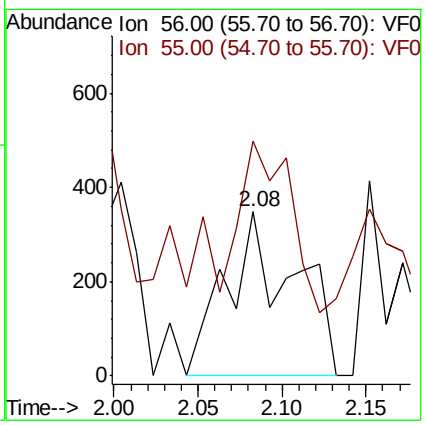


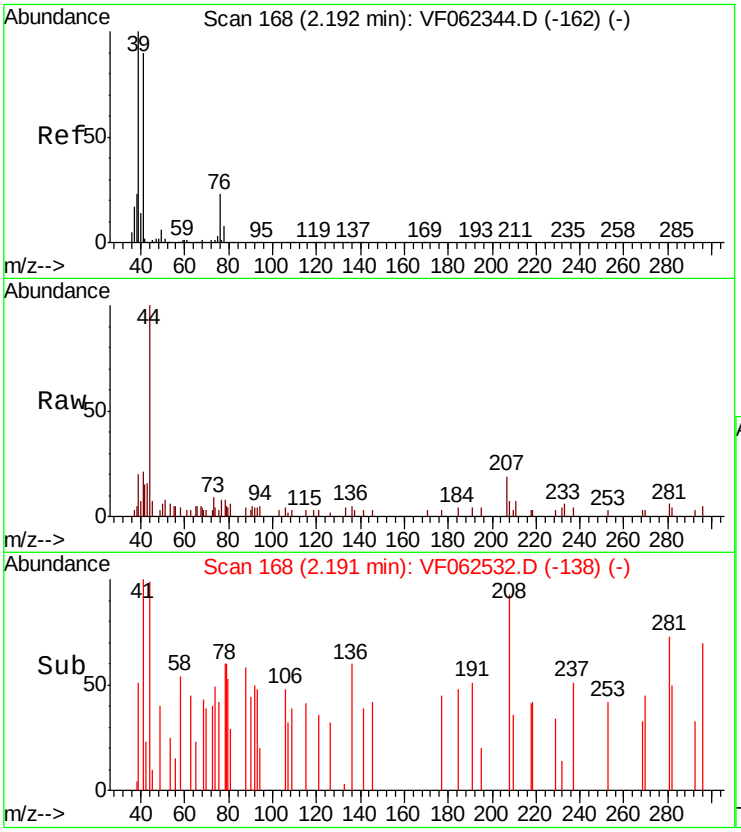


#13
Acrolein
Concen: Below Cal
RT: 2.08 min Scan# 157
Delta R.T. -0.02 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Tgt Ion: 56 Resp: 973

Ion	Ratio	Lower	Upper
56	100		
55	76.7	58.4	87.6



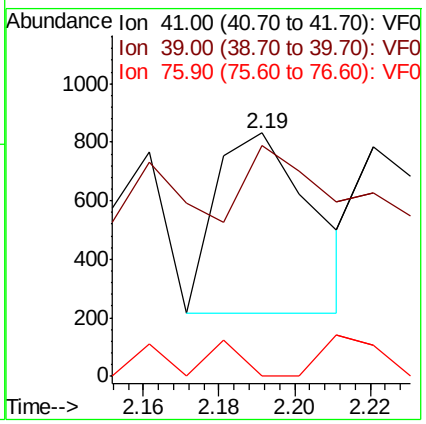


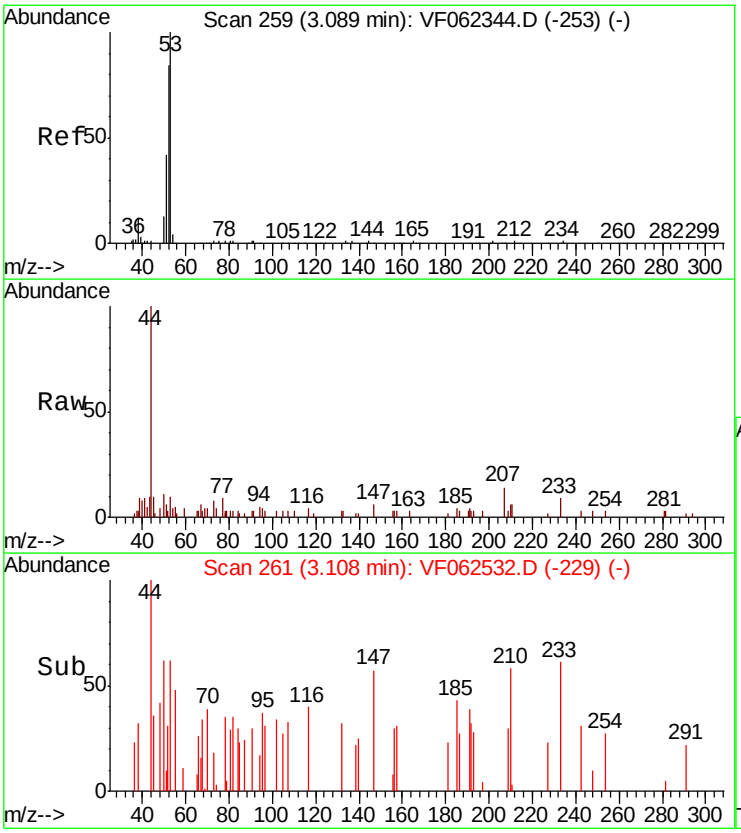
#14
Allyl chloride
Concen: 1.016 ug/l
RT: 2.19 min Scan# 168
Delta R.T. -0.00 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Instrument : MSVOA_F
ClientSampleId : P026-SS013-0612-01

Tgt Ion: 41 Resp: 1088

Ion	Ratio	Lower	Upper
41	100		
39	39.6	90.8	136.2#
76	13.5	22.2	33.4#

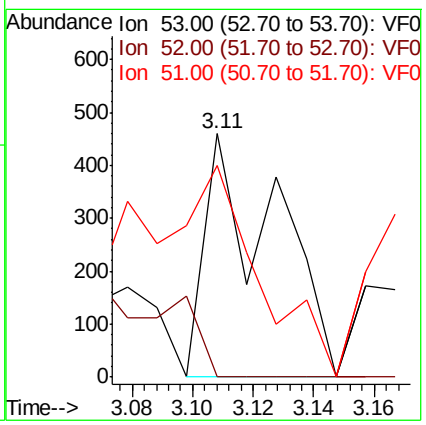


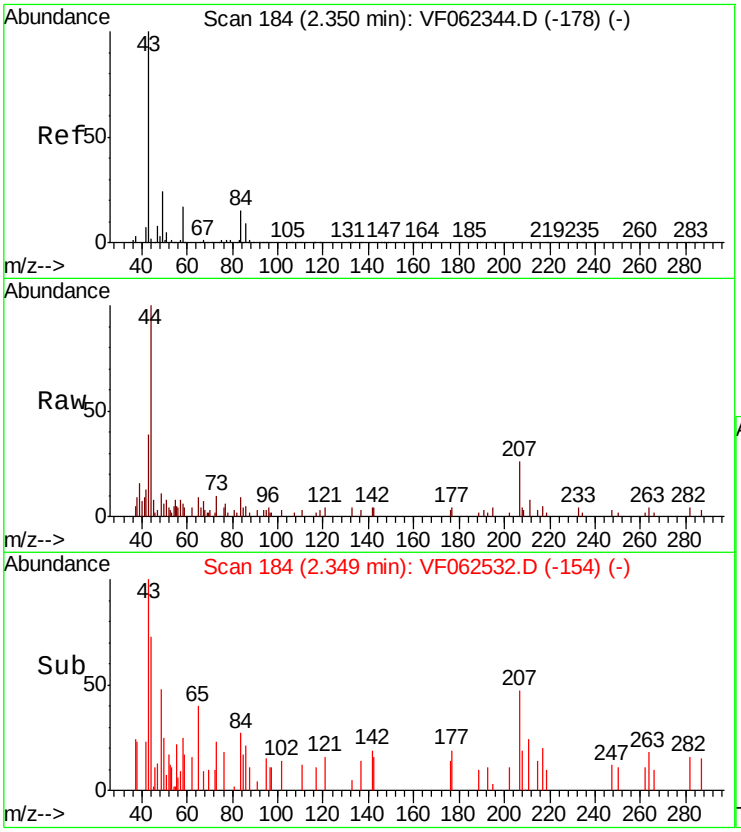


#15
Acrylonitrile
Concen: 4.564 ug/l
RT: 3.11 min Scan# 261
Delta R.T. 0.02 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Tgt Ion: 53 Resp: 730

Ion	Ratio	Lower	Upper
53	100		
52	0.0	77.2	115.8#
51	141.8	40.6	61.0#



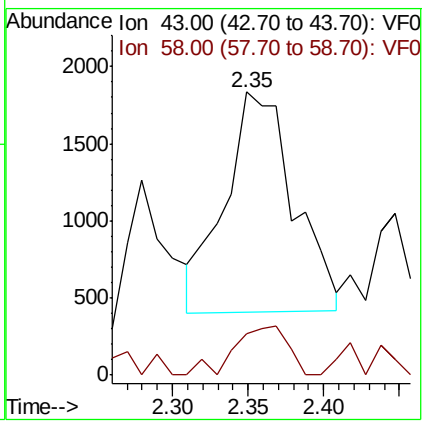


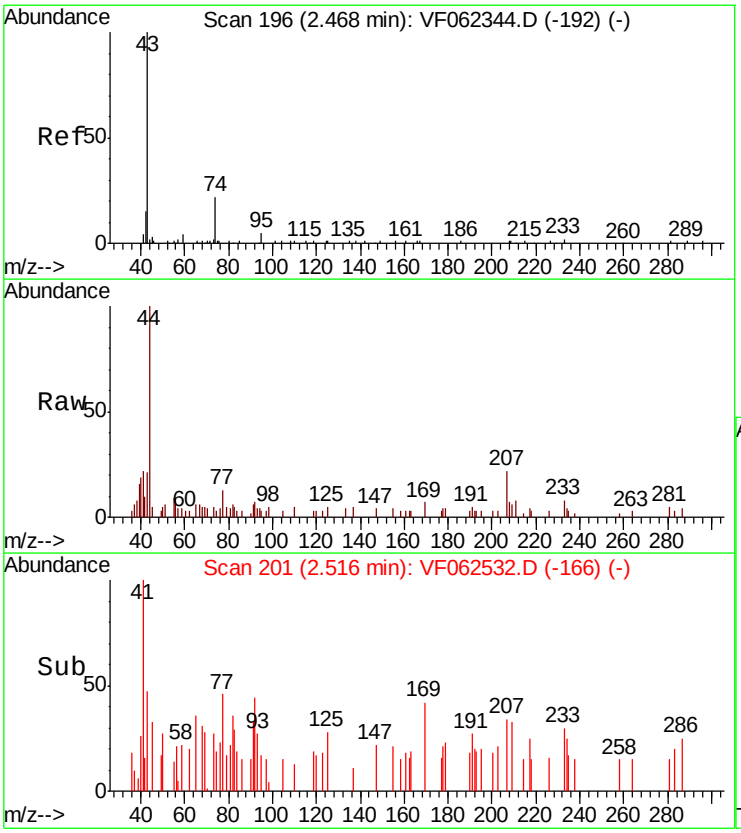
#16
Acetone
Concen: 14.997 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-0612-01

Tgt Ion: 43 Resp: 4533

Ion	Ratio	Lower	Upper
43	100		
58	20.3	13.1	19.7#

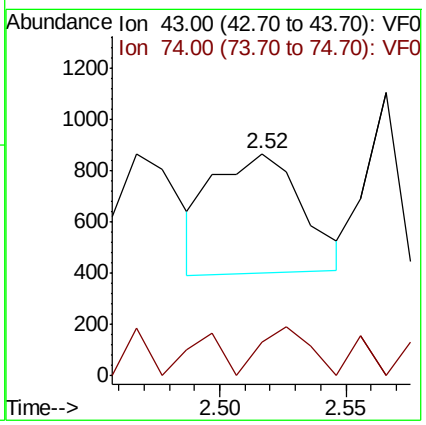


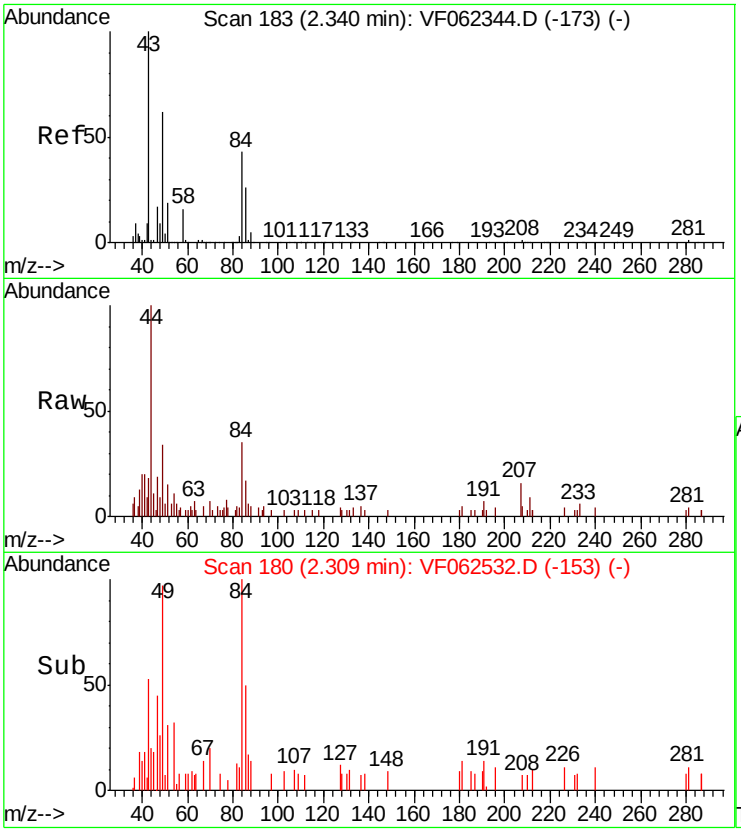


#18
Methyl Acetate
Concen: Below Cal
RT: 2.52 min Scan# 201
Delta R.T. 0.05 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Tgt Ion: 43 Resp: 1149

Ion	Ratio	Lower	Upper
43	100		
74	22.6	15.0	22.4#



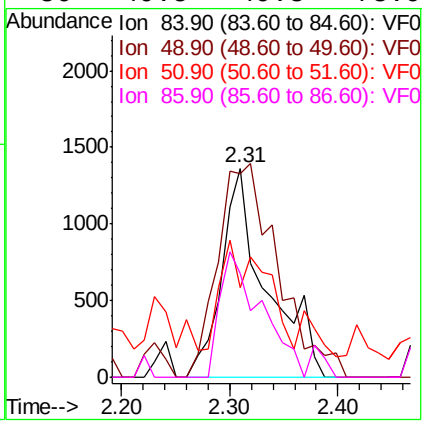


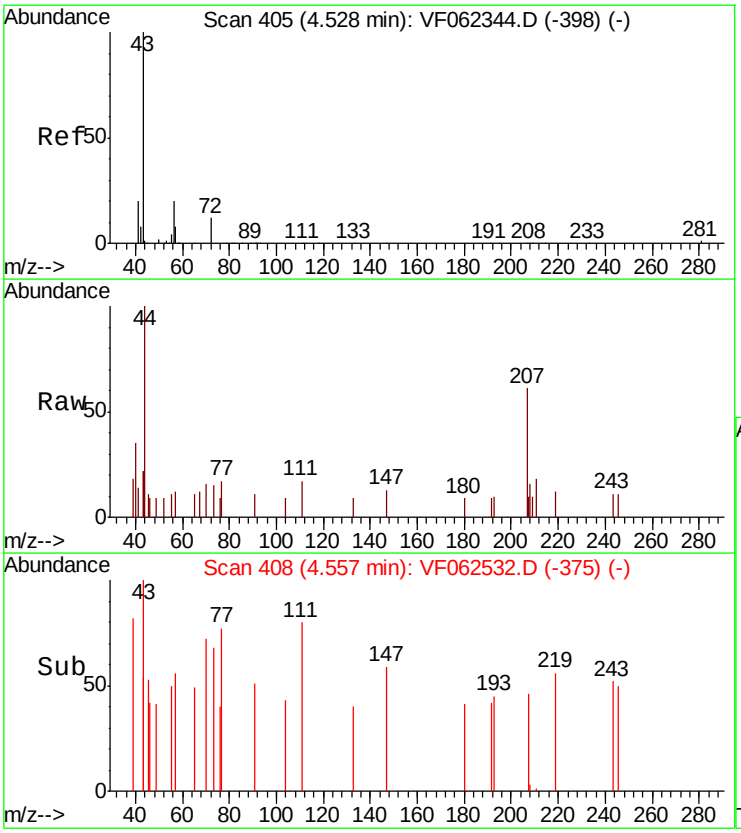
#20
Methylene Chloride
Concen: 3.596 ug/l
RT: 2.31 min Scan# 180
Delta R.T. -0.03 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-0612-01

Tgt Ion: 84 Resp: 3932

Ion	Ratio	Lower	Upper
84	100		
49	97.2	117.5	176.3#
51	21.3	37.0	55.4#
86	49.5	49.3	73.9

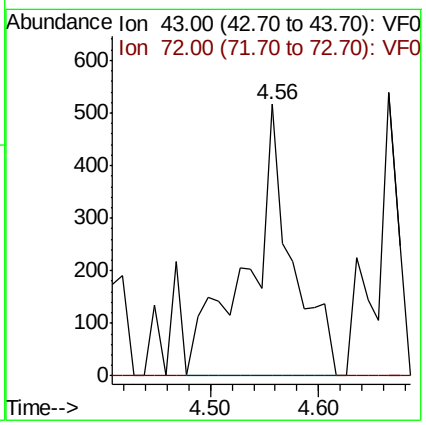


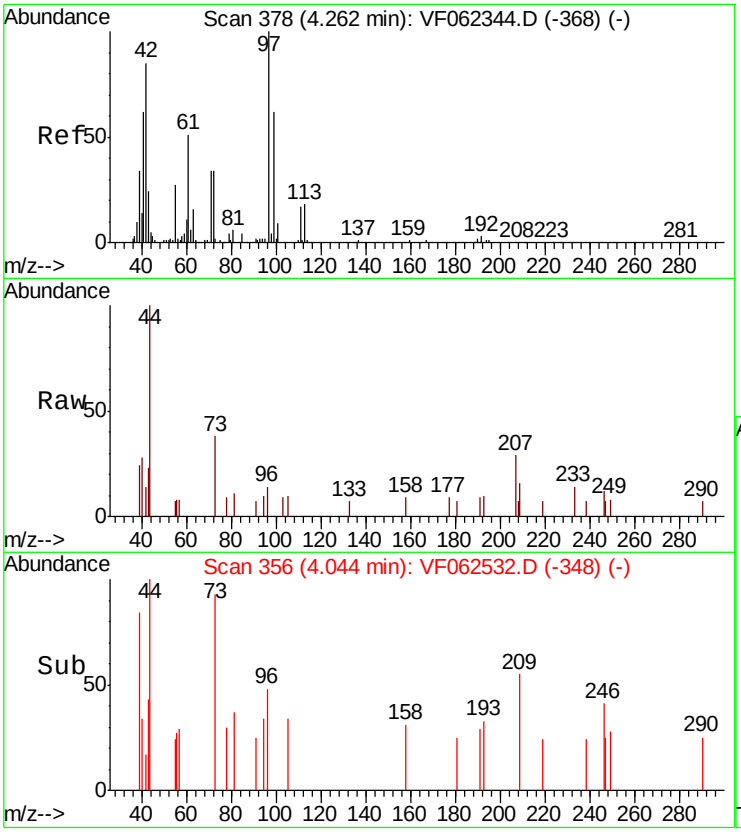


#25
2-Butanone
Concen: 3.858 ug/l
RT: 4.56 min Scan# 408
Delta R.T. 0.03 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Tgt Ion: 43 Resp: 1465

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#



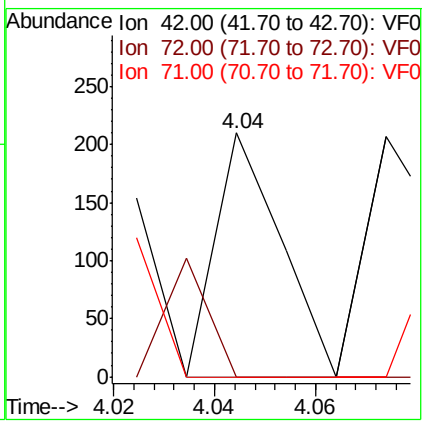


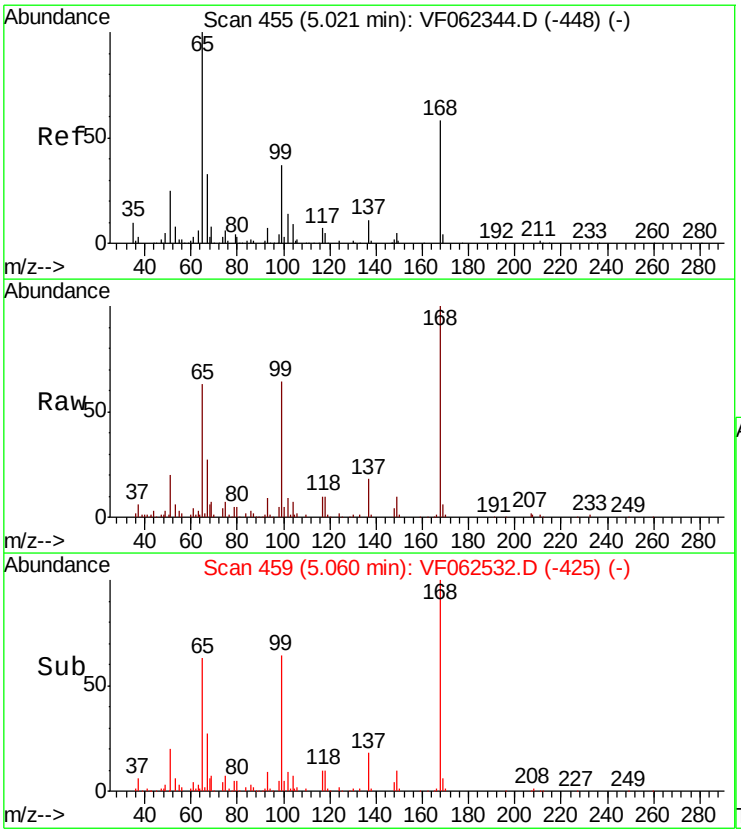
#29
Tetrahydrofuran
Concen: 1.083 ug/l
RT: 4.04 min Scan# 356
Delta R.T. -0.22 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-0612-01

Tgt Ion: 42 Resp: 189

Ion	Ratio	Lower	Upper
42	100		
72	31.7	31.4	47.0
71	37.6	31.7	47.5

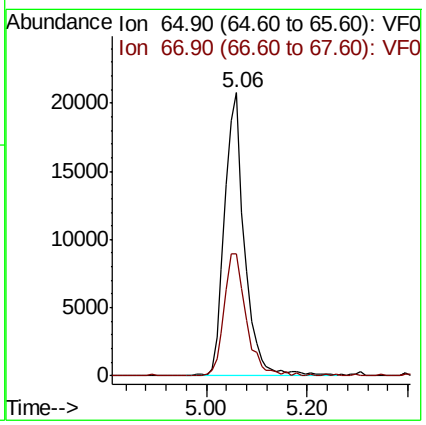


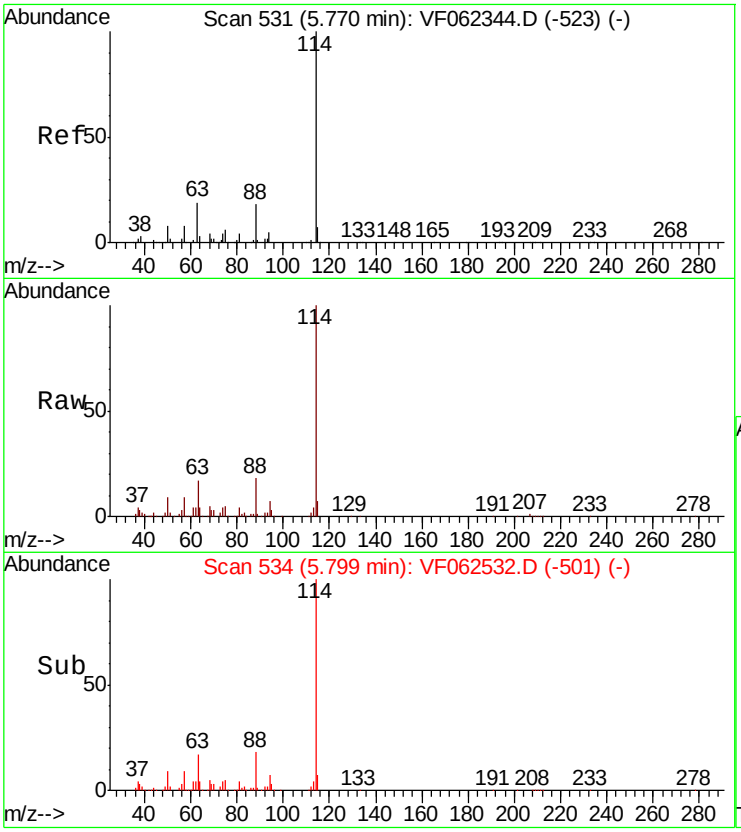


#33
1,2-Dichloroethane-d4
Concen: 37.989 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.04 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Tgt Ion: 65 Resp: 56760

Ion	Ratio	Lower	Upper
65	100		
67	47.8	0.0	85.8



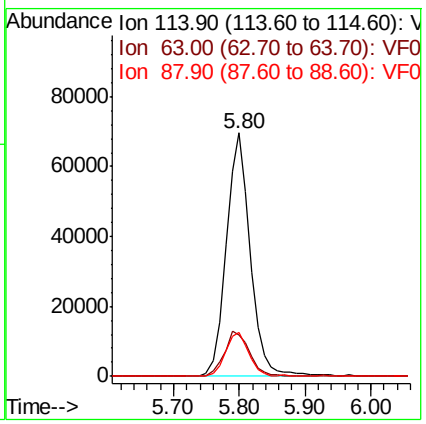


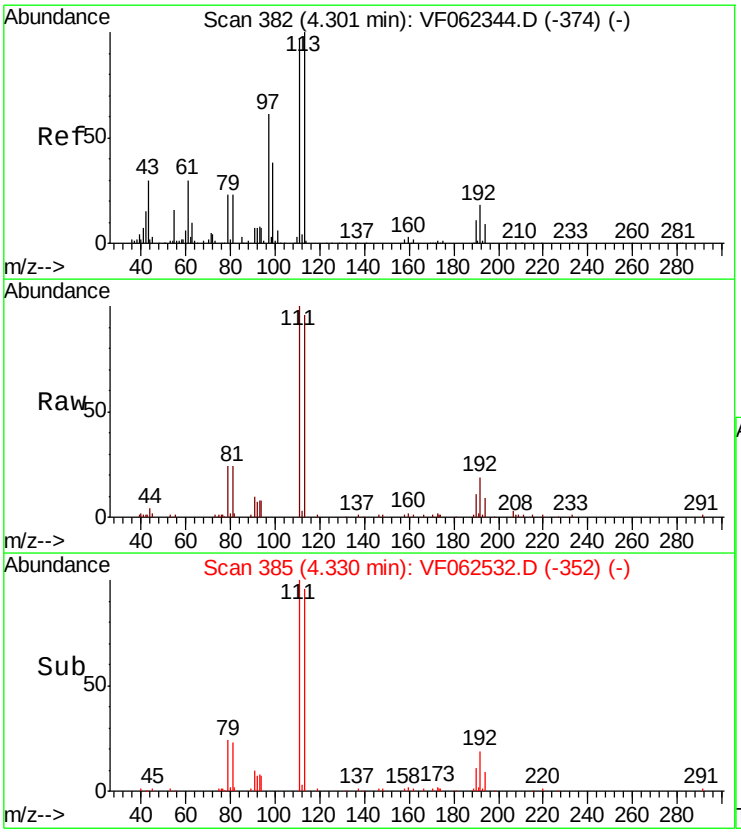
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 534
Delta R.T. 0.03 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-0612-01

Tgt Ion:114 Resp: 178112

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	37.4
88	18.0	0.0	36.4

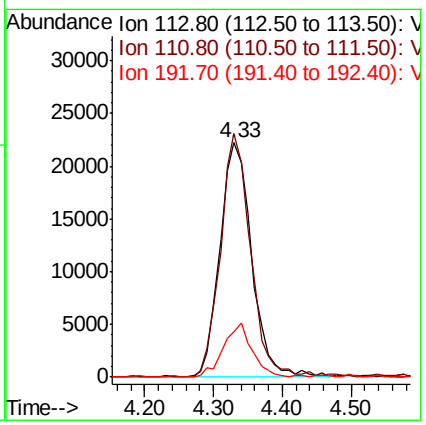


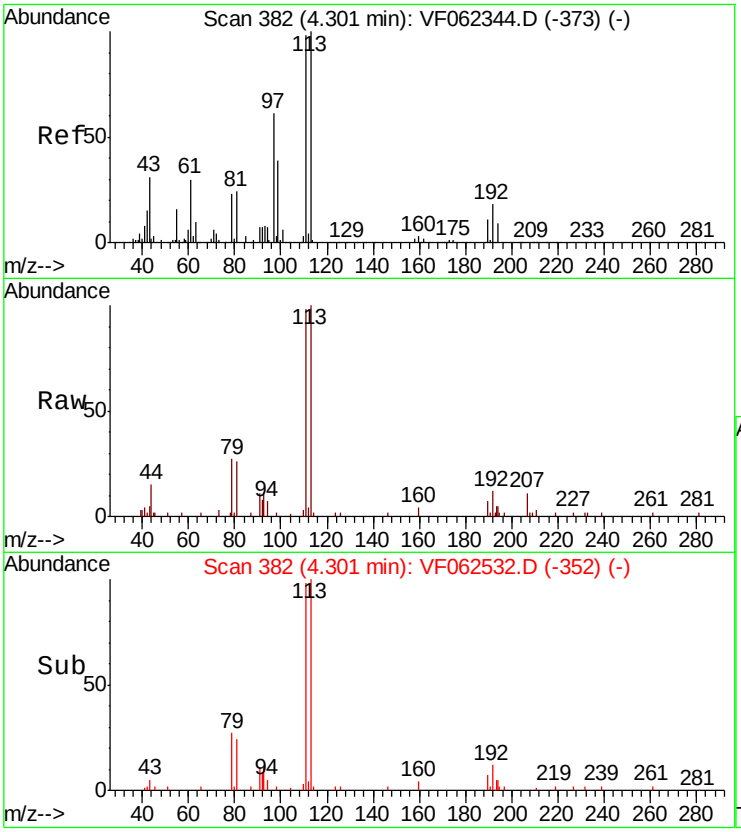


#35
Dibromofluoromethane
Concen: 50.149 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.03 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Tgt Ion:113 Resp: 71161

Ion	Ratio	Lower	Upper
113	100		
111	97.5	79.4	119.0
192	20.8	16.0	24.0



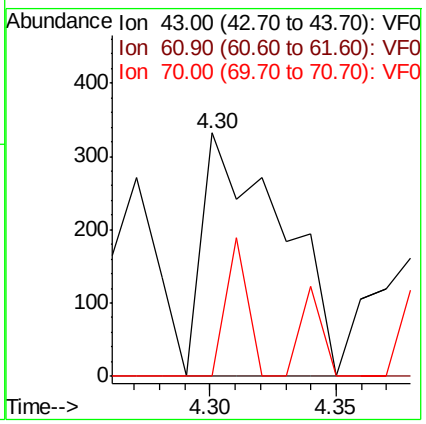


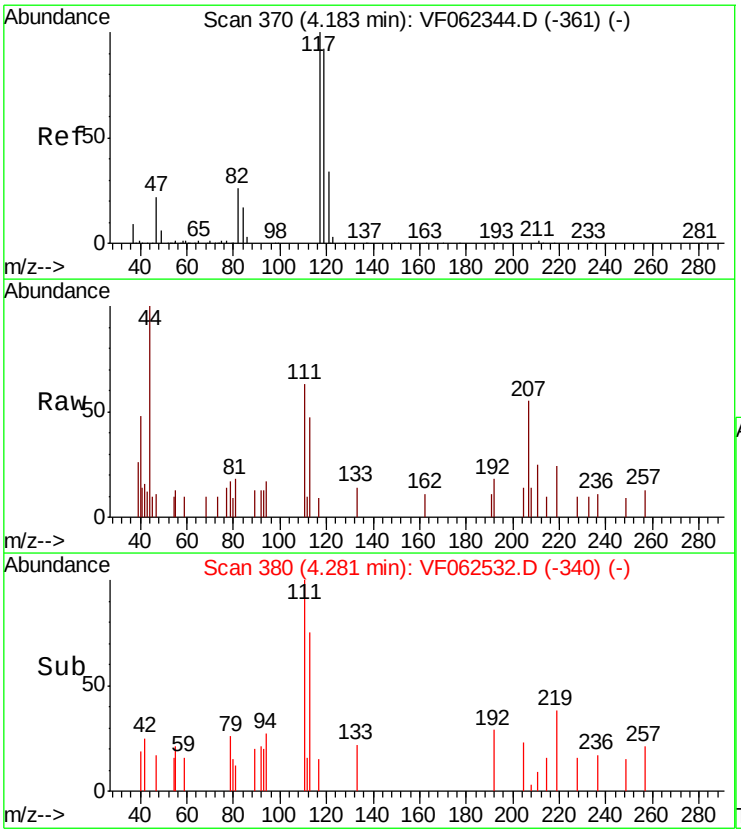
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.30 min Scan# 382
Delta R.T. -0.00 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-0612-01

Tgt Ion: 43 Resp: 723

Ion	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	15.5	8.2	12.2#

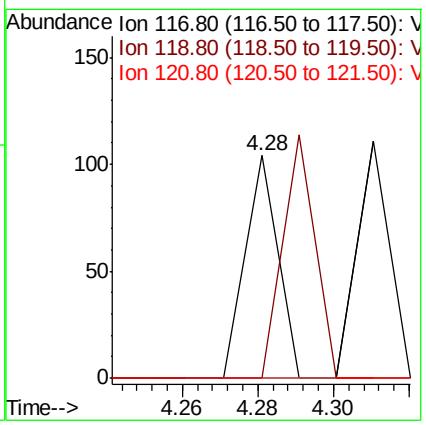


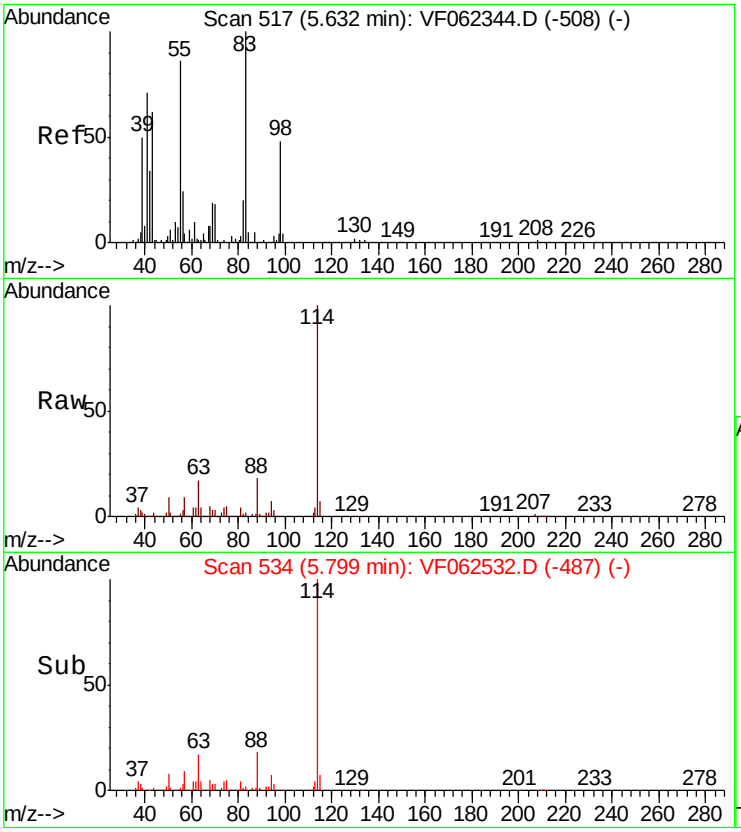


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.28 min Scan# 380
Delta R.T. 0.10 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Tgt Ion:117 Resp: 62

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



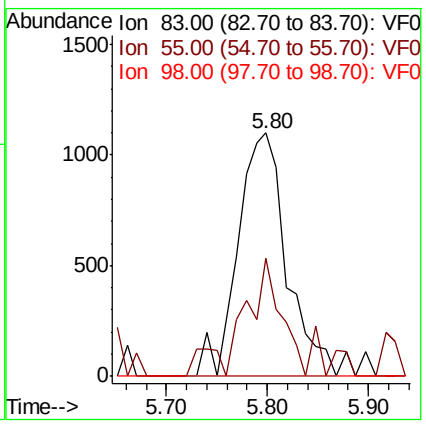


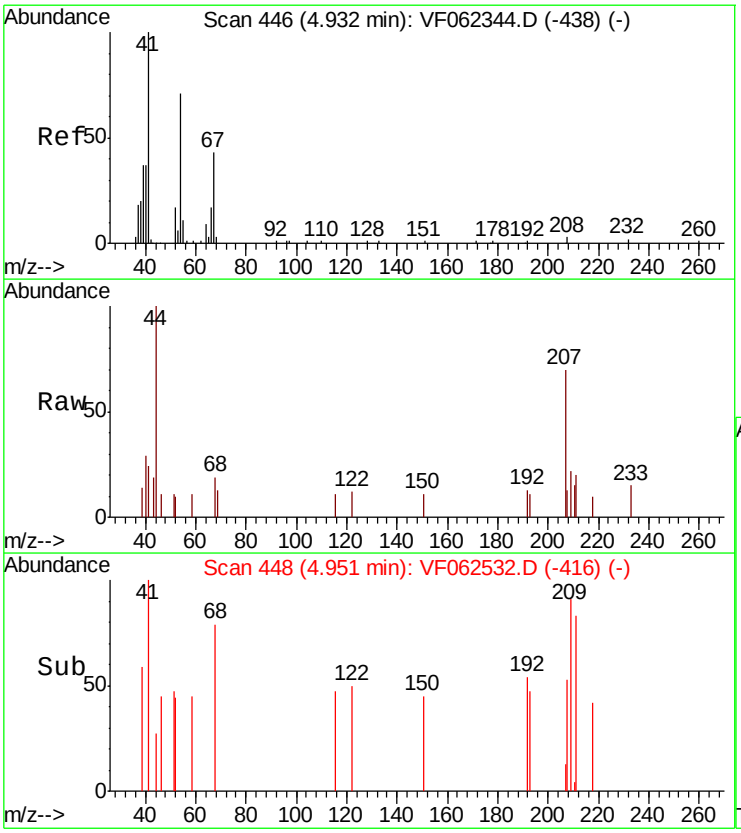
#39
Methylcyclohexane
Concen: 2.398 ug/l
RT: 5.80 min Scan# 534
Delta R.T. 0.17 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-0612-01

Tgt Ion: 83 Resp: 3679

Ion	Ratio	Lower	Upper
83	100		
55	48.7	69.0	103.6#
98	0.0	38.6	58.0#

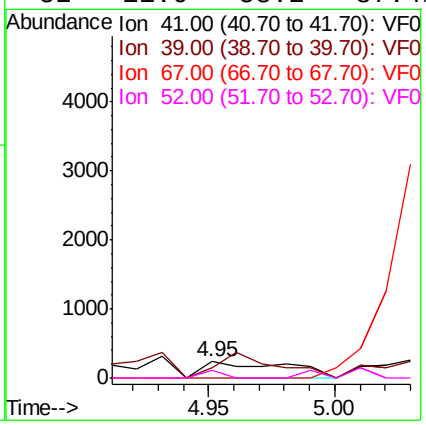


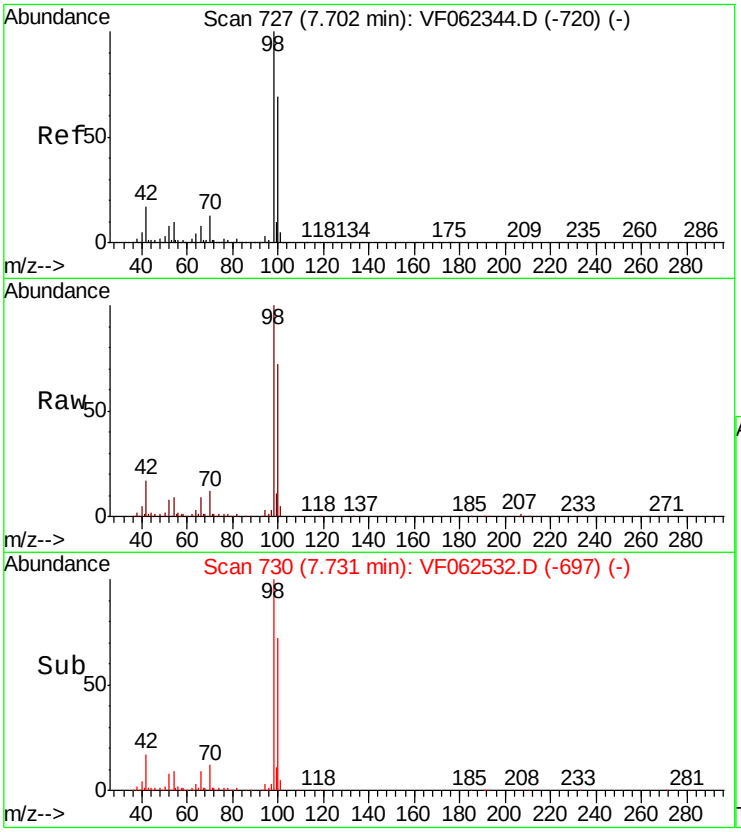


#41
Methacrylonitrile
Concen: 1.537 ug/l
RT: 4.95 min Scan# 448
Delta R.T. 0.02 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Tgt Ion: 41 Resp: 564

Ion	Ratio	Lower	Upper
41	100		
39	105.3	54.3	81.5#
67	0.0	37.8	56.8#
52	11.0	58.2	87.4#



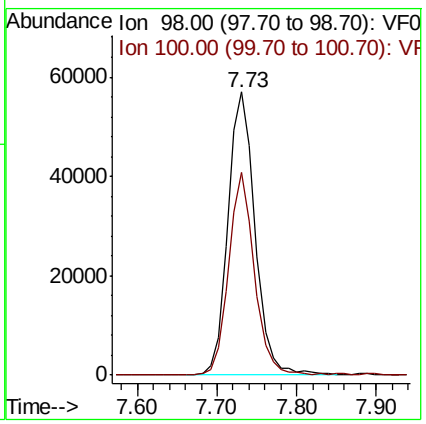


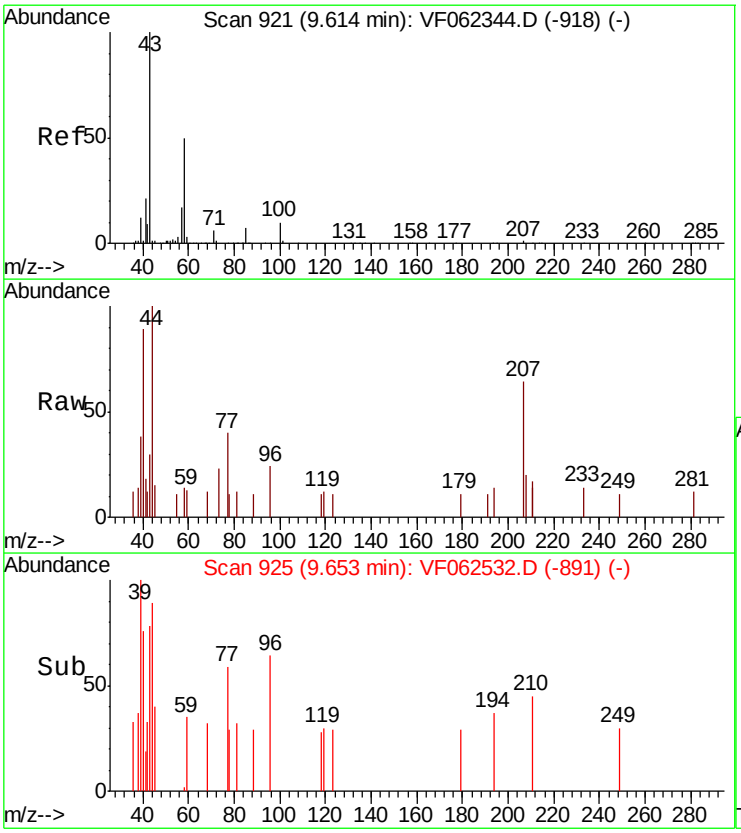
#50
Toluene-d8
Concen: 39.573 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.03 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-0612-01

Tgt Ion: 98 Resp: 135929

Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.3	79.9

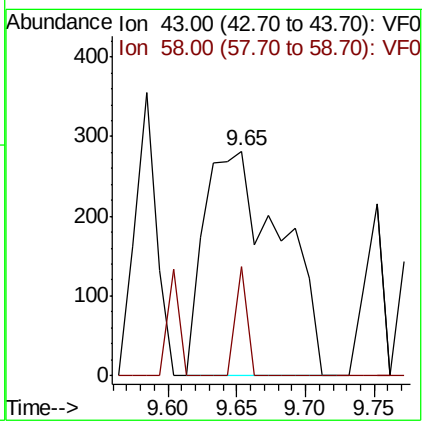


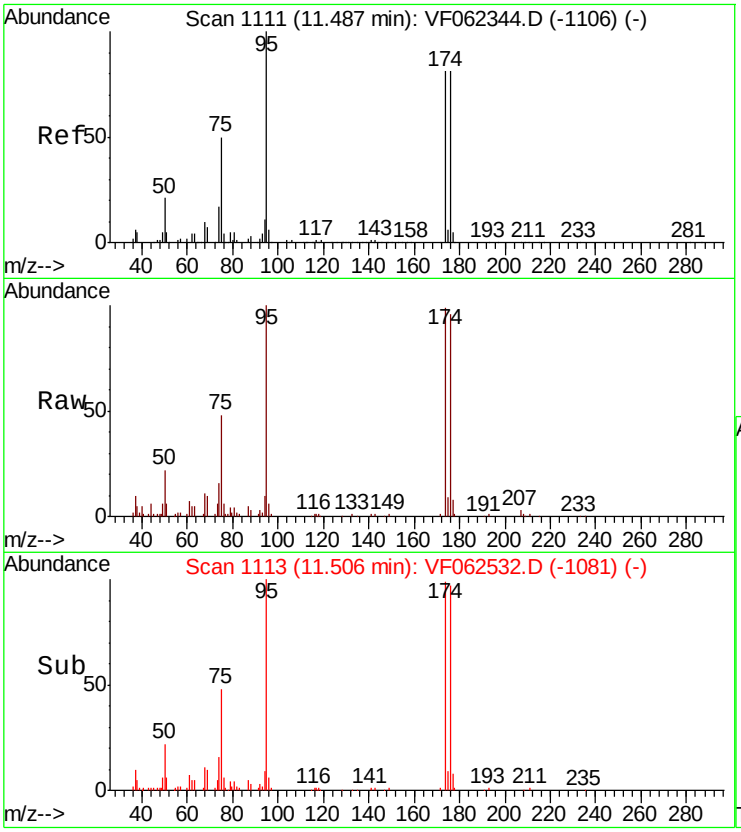


#59
2-Hexanone
Concen: 2.975 ug/l
RT: 9.65 min Scan# 925
Delta R.T. 0.04 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Tgt Ion: 43 Resp: 1085

Ion	Ratio	Lower	Upper
43	100		
58	7.5	24.3	73.0#



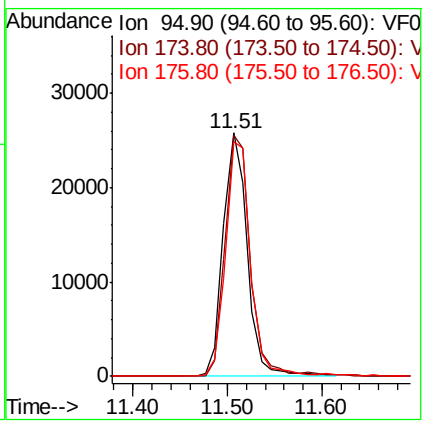


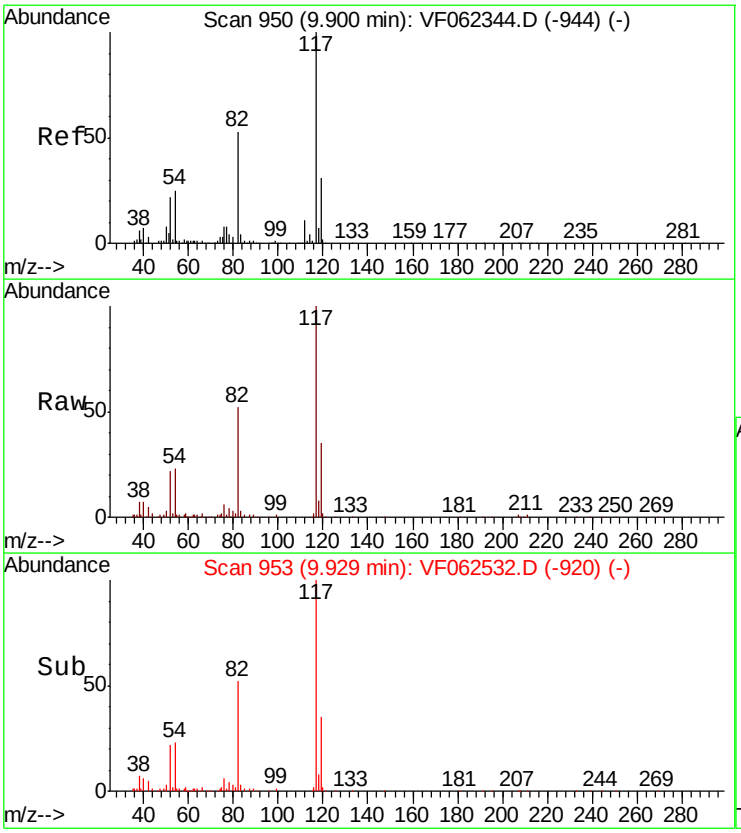
#62
4-Bromofluorobenzene
Concen: 29.439 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-0612-01

Tgt Ion: 95 Resp: 45622

Ion	Ratio	Lower	Upper
95	100		
174	101.6	0.0	191.8
176	99.2	0.0	193.2

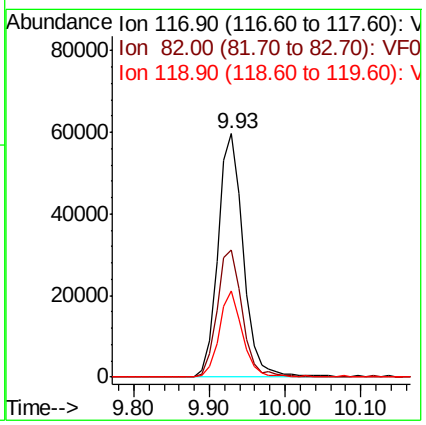


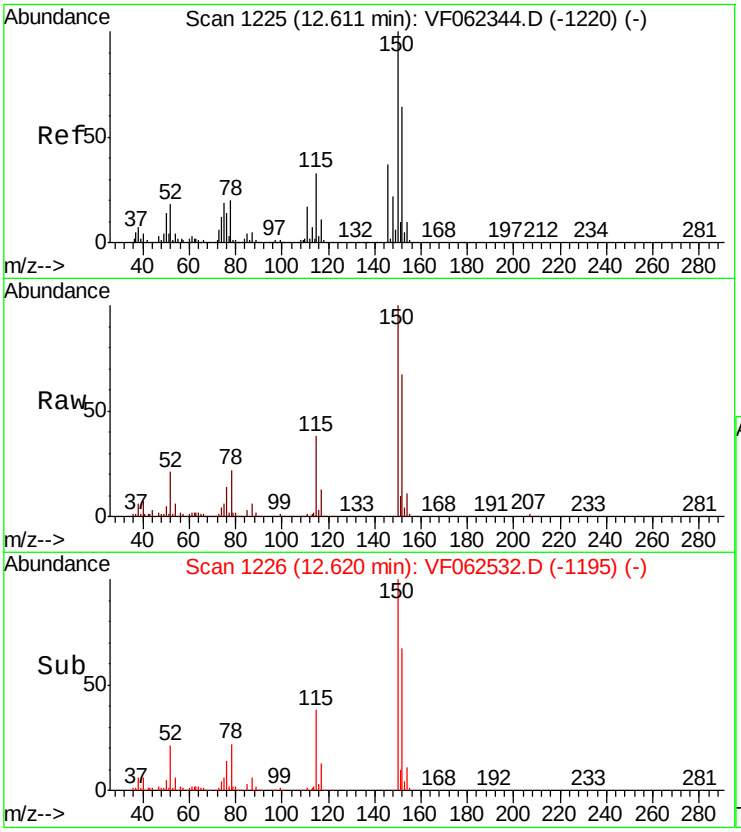


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Tgt Ion:117 Resp: 138502

Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.2	63.2
119	35.4	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062532.D
Acq: 13 May 2019 6:12

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-0612-01

Tgt Ion:152 Resp: 55345

Ion	Ratio	Lower	Upper
152	100		
115	55.8	26.4	79.2
150	155.3	0.0	335.0