Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062549.D
Acq On : 13 May 2019 18:43
Operator : FY/SY
Sample : K2734-08RE
Misc : 5.18g/5mL/MSVOA_F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0612-01

Quant Time: May 14 07:03:58 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	350163	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	465930	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	349594	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	163367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	143663	43.41	ug/l	0.03
Spiked Amount 50.000			Recovery = 86.82%			
35) Dibromofluoromethane	4.33	113	186064	50.13	ug/l	0.03
Spiked Amount 50.000			Recovery = 100.26%			
50) Toluene-d8	7.73	98	343842	38.27	ug/l	0.03
Spiked Amount 50.000			Recovery = 76.54%			
62) 4-Bromofluorobenzene	11.51	95	128587	31.72	ug/l	0.02
Spiked Amount 50.000			Recovery = 63.44%			
Target Compounds						Qvalue
5) Bromomethane	1.41	94	1166	Below Cal	#	3
11) Tert butyl alcohol	2.71	59	912	4.876	ug/l #	59
13) Acrolein	2.12	56	703	Below Cal	#	47
15) Acrylonitrile	3.12	53	1338	3.777	ug/l #	50
16) Acetone	2.35	43	3340	4.989	ug/l #	92
18) Methyl Acetate	2.51	43	1672	Below Cal	#	84
20) Methylene Chloride	2.36	84	2654	1.096	ug/l #	80
37) Ethyl Acetate	4.31	43	509	Below Cal	#	88
38) Carbon Tetrachloride	4.21	117	63	Below Cal	#	78
39) Methylcyclohexane	5.79	83	7796	1.942	ug/l #	30
49) 1,4-Dioxane	6.92	88	68	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.44	43	1746	1.266	ug/l #	49
59) 2-Hexanone	9.67	43	2269	2.378	ug/l	65

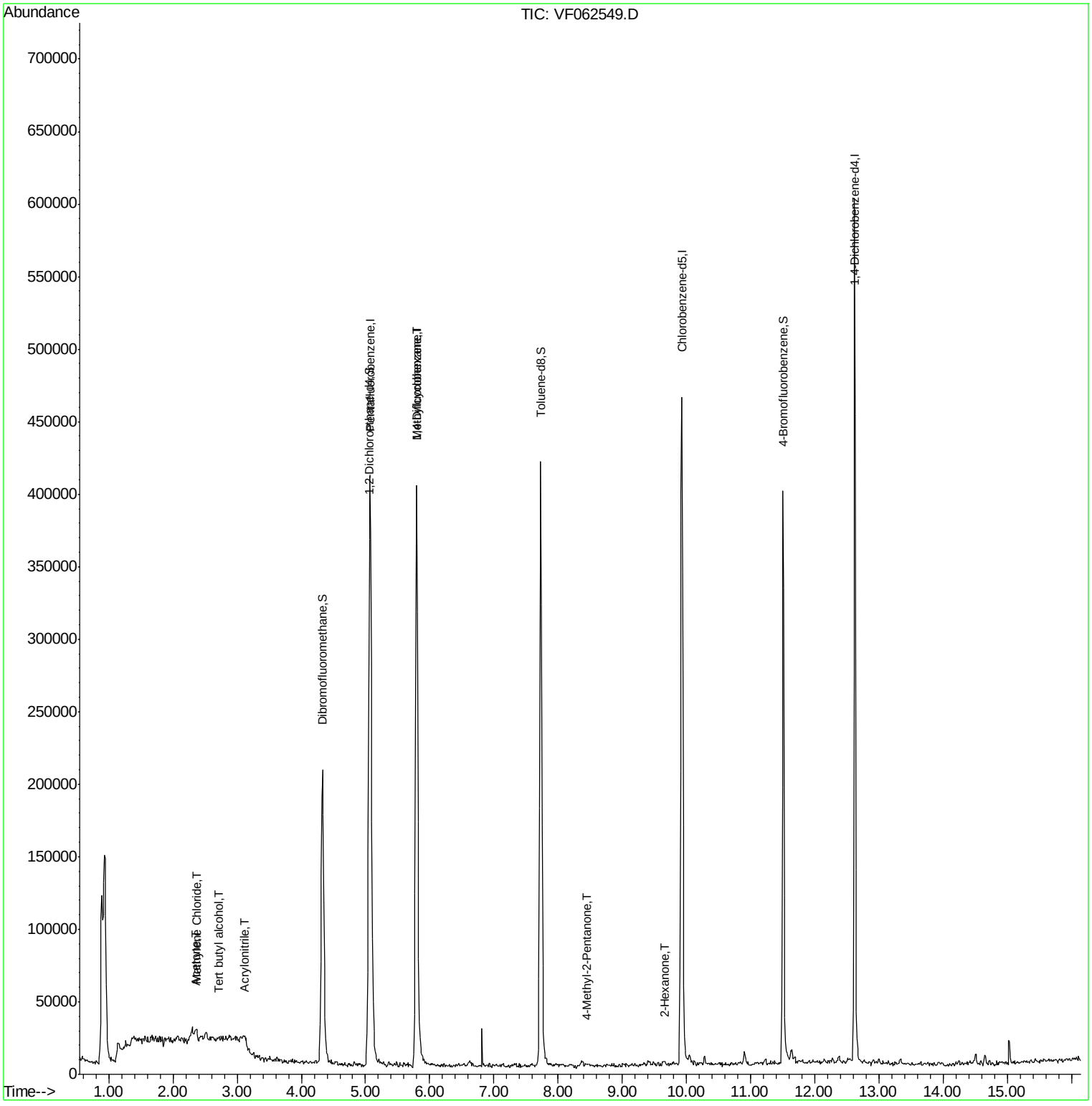
(#) = qualifier out of range (m) = manual integration (+) = signals summed

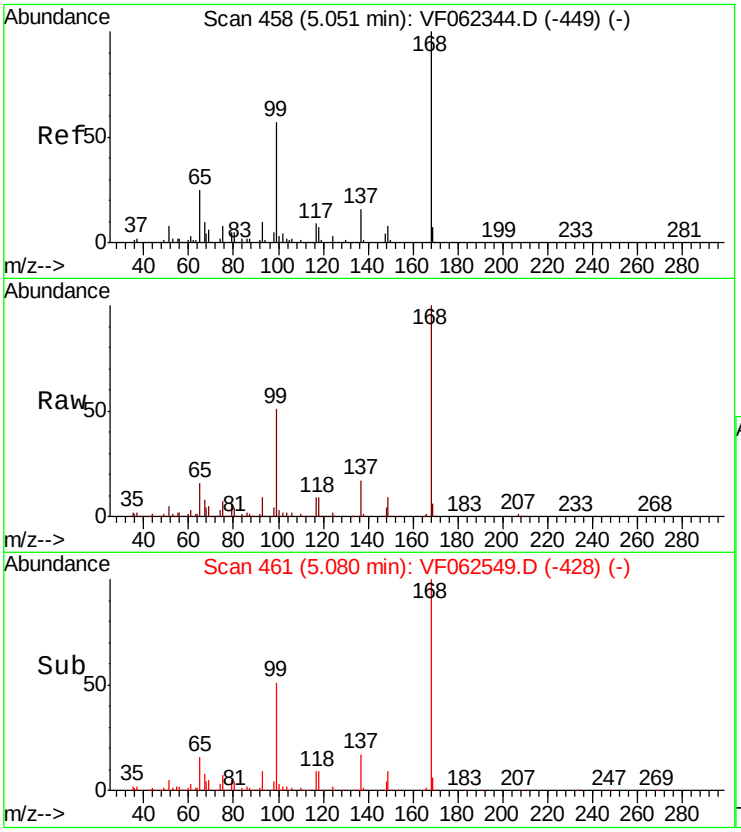
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062549.D
Acq On : 13 May 2019 18:43
Operator : FY/SY
Sample : K2734-08RE
Misc : 5.18g/5mL/MSVOA_F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0612-01

Quant Time: May 14 07:03:58 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



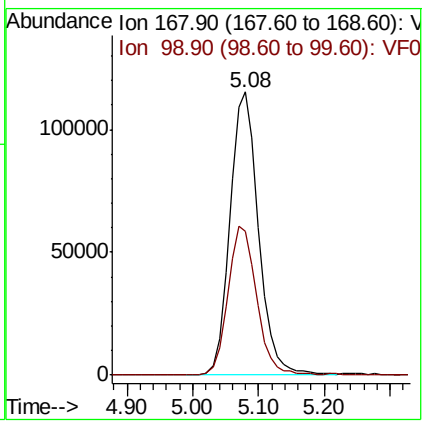


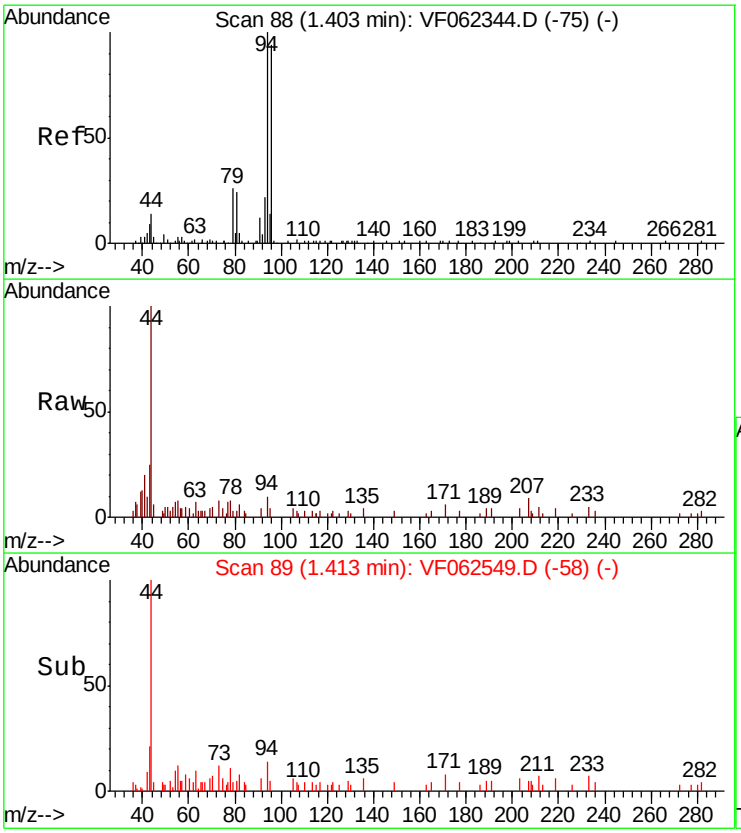
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 461
Delta R.T. 0.03 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion:168 Resp: 350163

Ion	Ratio	Lower	Upper
168	100		
99	51.0	45.9	68.9

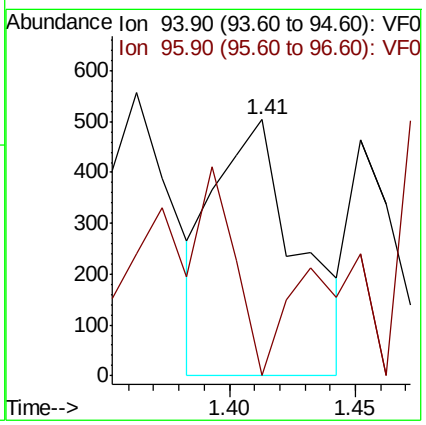


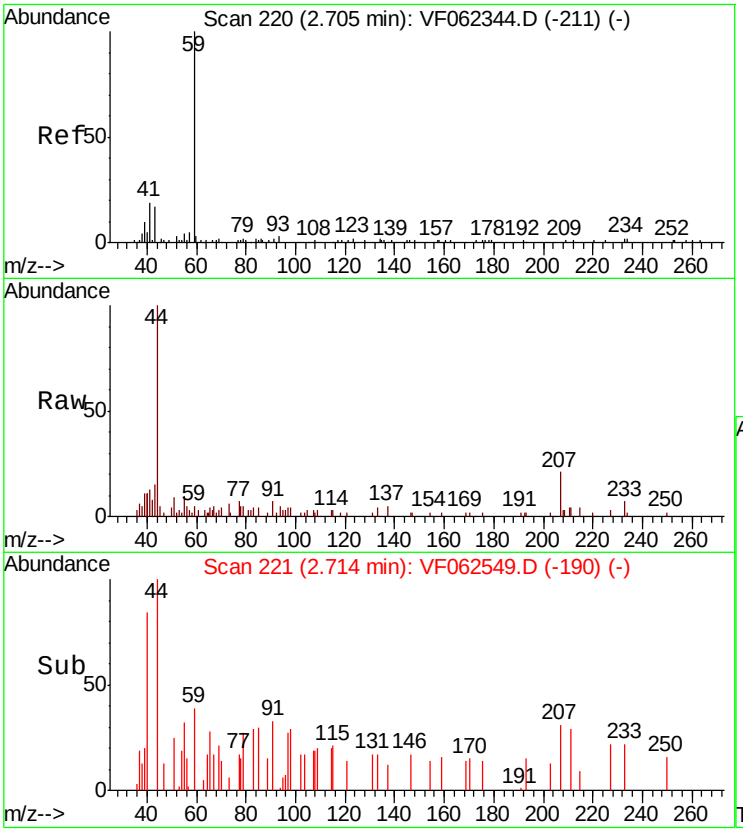


#5
Bromomethane
Concen: Below Cal
RT: 1.41 min Scan# 89
Delta R.T. 0.01 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Tgt Ion: 94 Resp: 1166

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.4	113.2#



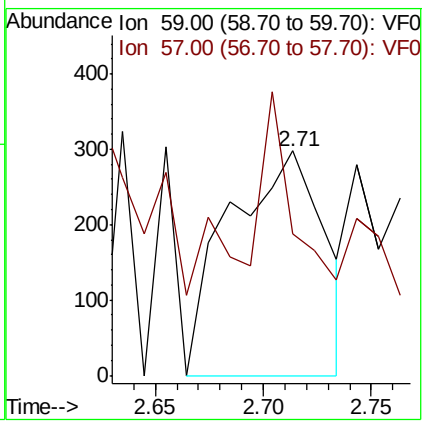


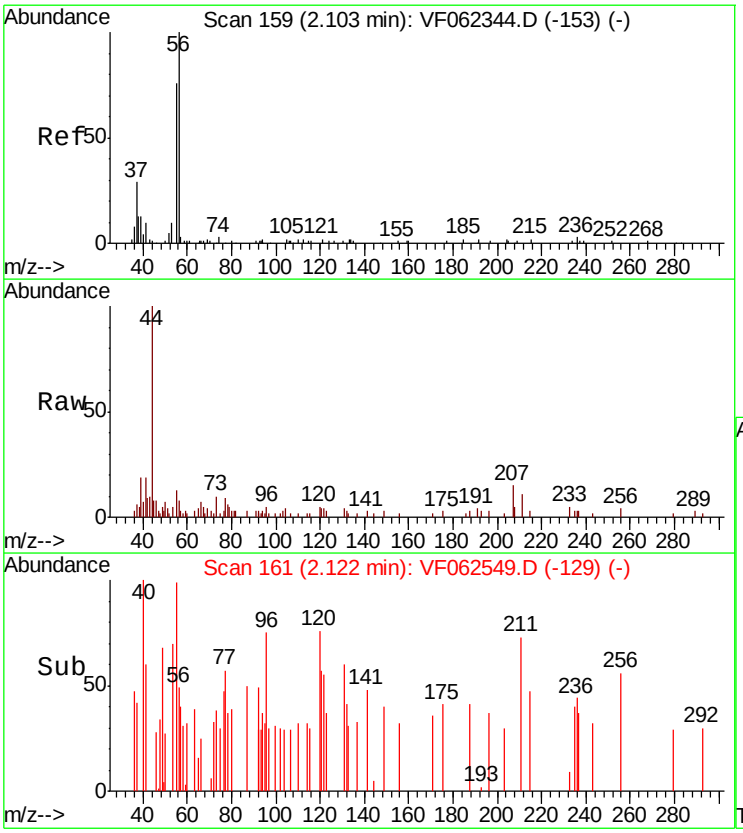
#11
Tert butyl alcohol
Concen: 4.876 ug/l
RT: 2.71 min Scan# 221
Delta R.T. 0.01 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion: 59 Resp: 912

Ion	Ratio	Lower	Upper
59	100		
57	27.4	9.3	13.9#

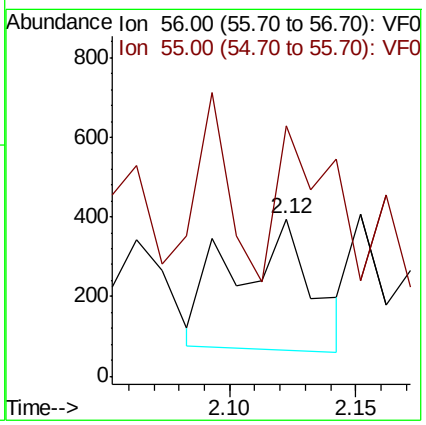


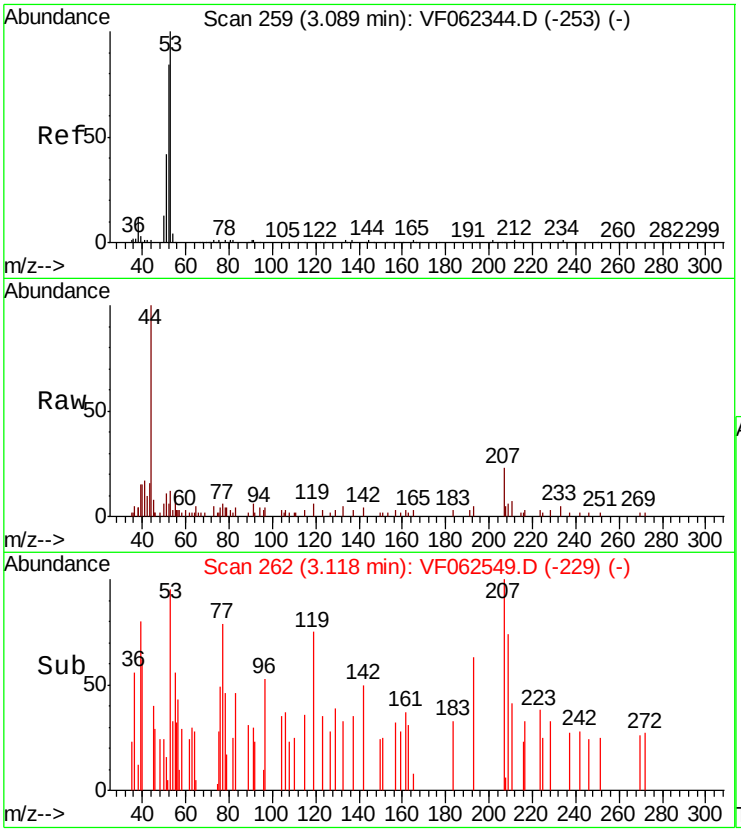


#13
Acrolein
Concen: Below Cal
RT: 2.12 min Scan# 161
Delta R.T. 0.02 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Tgt Ion: 56 Resp: 703

Ion	Ratio	Lower	Upper
56	100		
55	117.8	58.4	87.6#



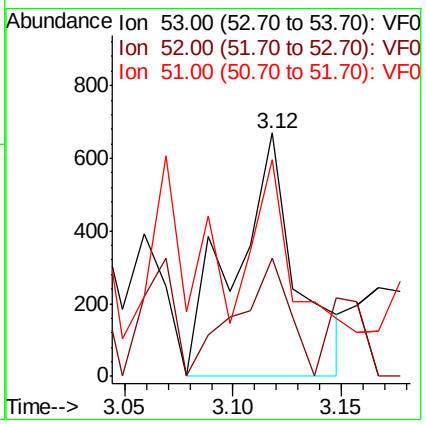


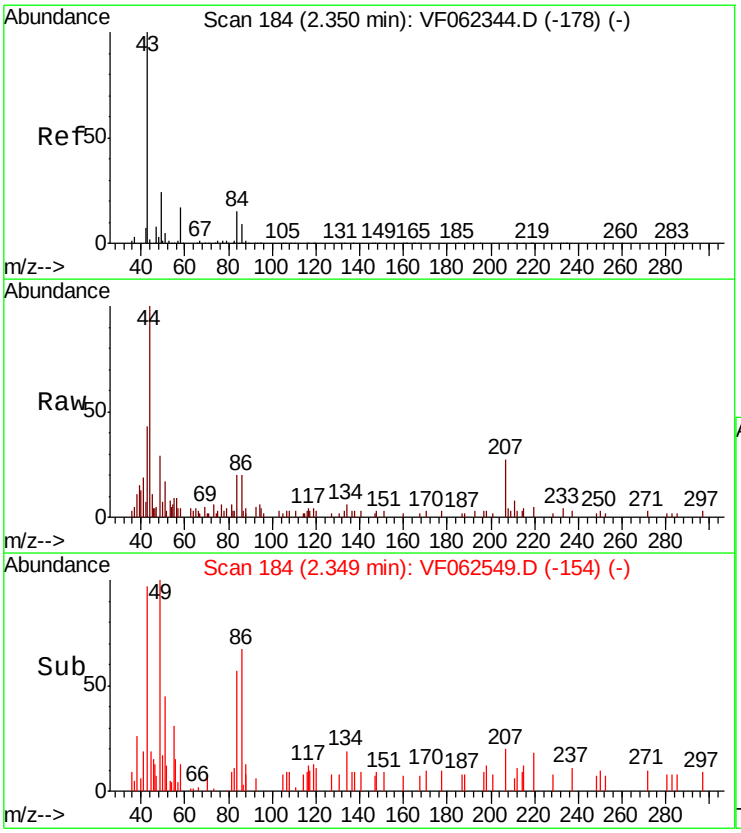
#15
Acrylonitrile
Concen: 3.777 ug/l
RT: 3.12 min Scan# 262
Delta R.T. 0.03 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion: 53 Resp: 1338

Ion	Ratio	Lower	Upper
53	100		
52	36.8	77.2	115.8#
51	72.1	40.6	61.0#

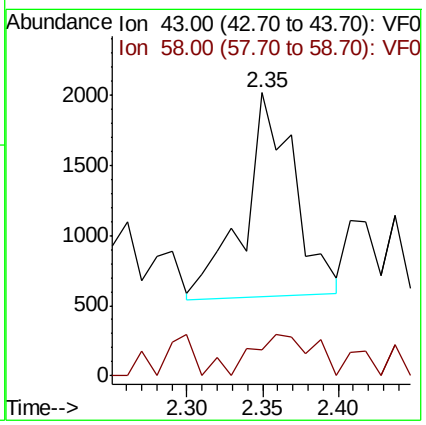


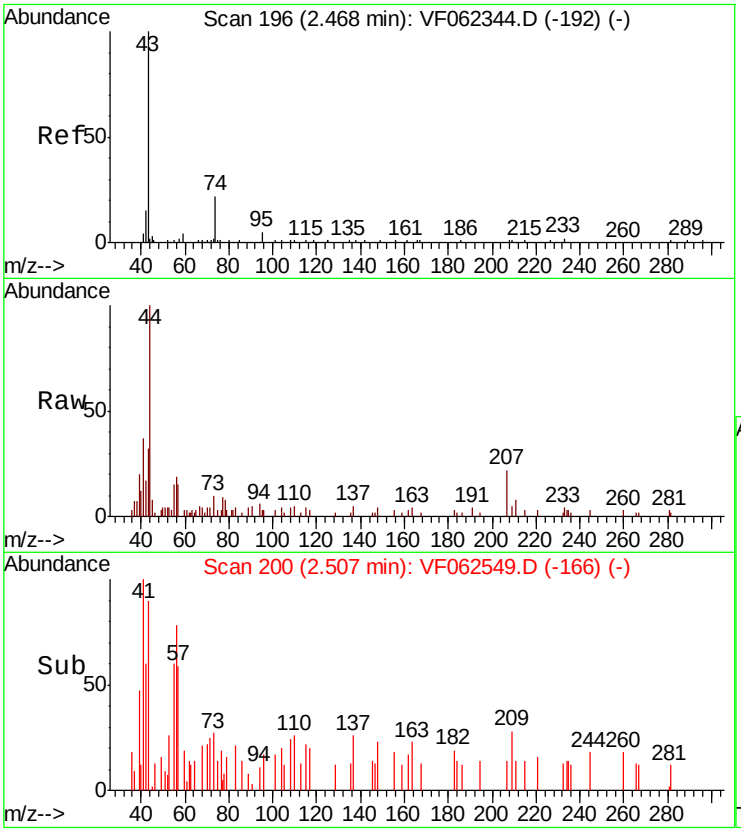


#16
Acetone
Concen: 4.989 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Tgt Ion: 43 Resp: 3340

Ion	Ratio	Lower	Upper
43	100		
58	12.9	13.1	19.7#



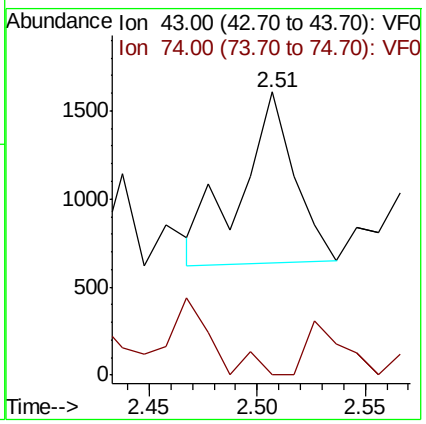


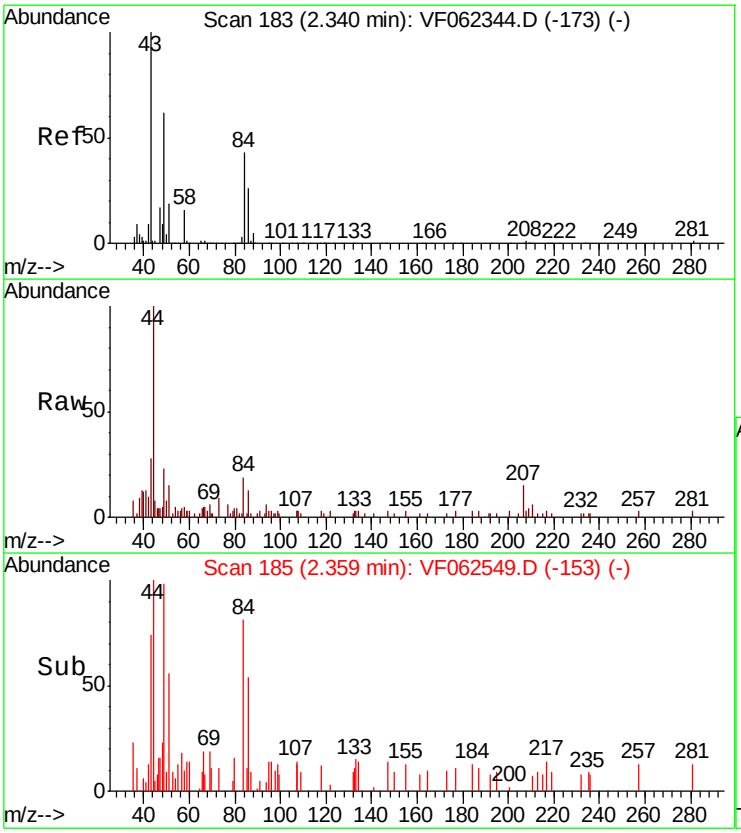
#18
Methyl Acetate
Concen: Below Cal
RT: 2.51 min Scan# 200
Delta R.T. 0.04 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0612-01

Tgt Ion: 43 Resp: 1672

Ion	Ratio	Lower	Upper
43	100		
74	26.0	15.0	22.4#

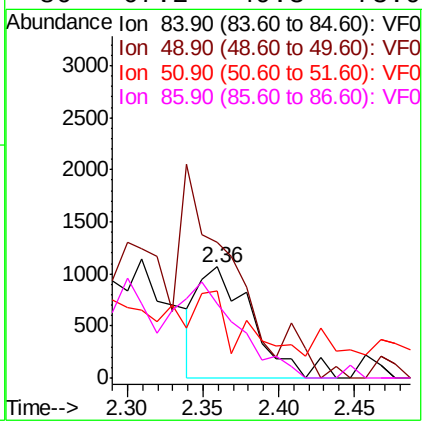


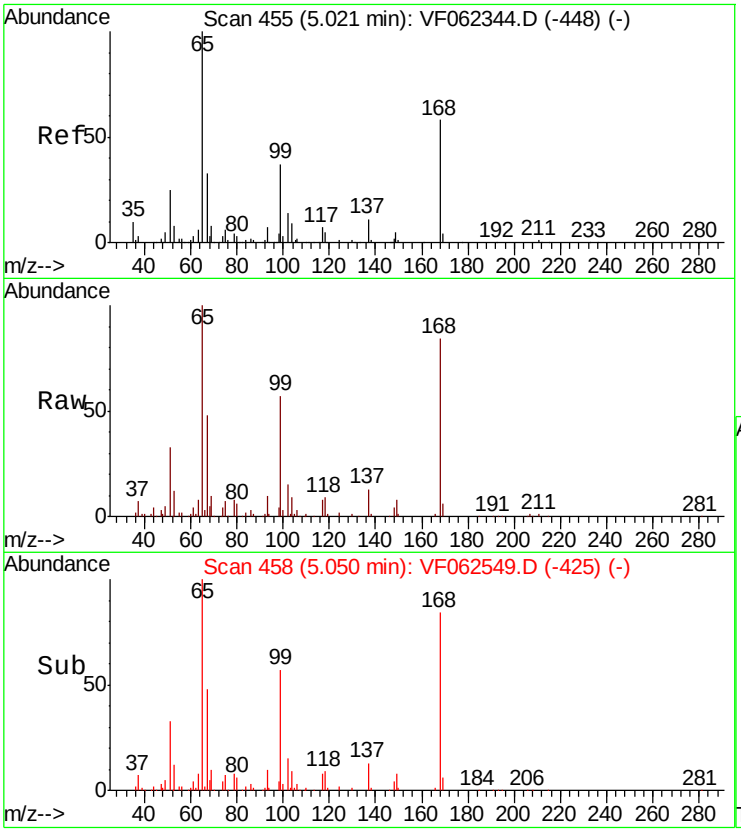


#20
Methylene Chloride
Concen: 1.096 ug/l
RT: 2.36 min Scan# 185
Delta R.T. 0.02 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Tgt Ion: 84 Resp: 2654

Ion	Ratio	Lower	Upper
84	100		
49	112.1	117.5	176.3#
51	54.3	37.0	55.4
86	67.2	49.3	73.9



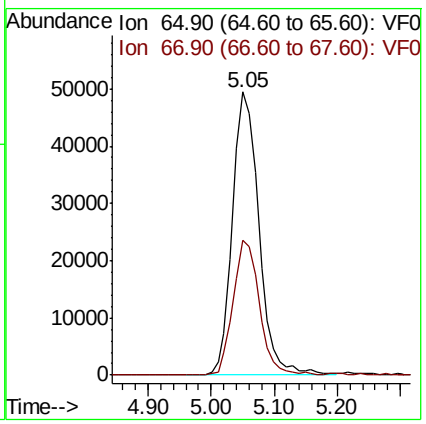


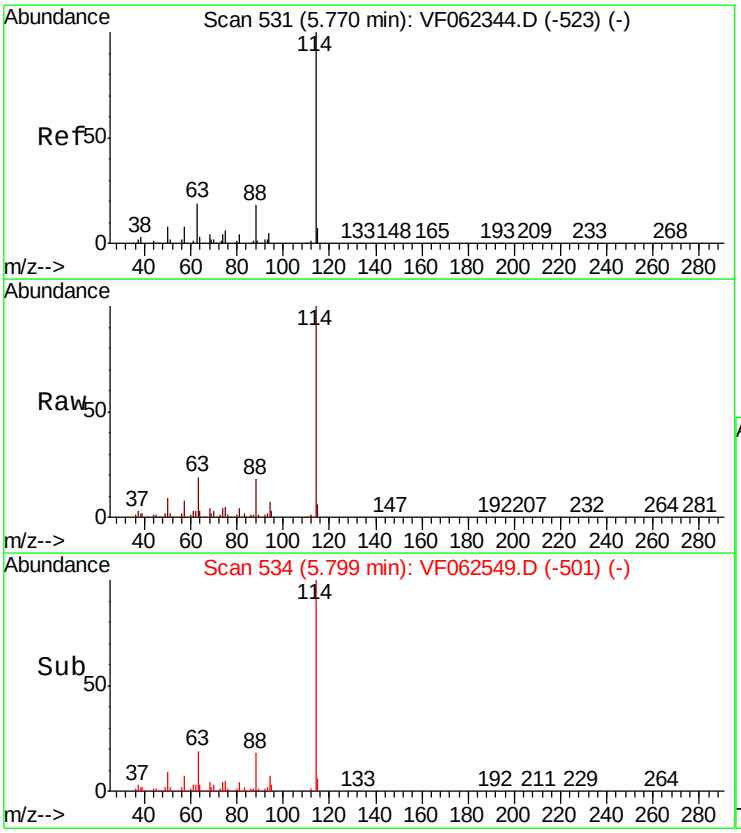
#33
1,2-Dichloroethane-d4
Concen: 43.413 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.03 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion: 65 Resp: 143663

Ion	Ratio	Lower	Upper
65	100		
67	47.3	0.0	85.8

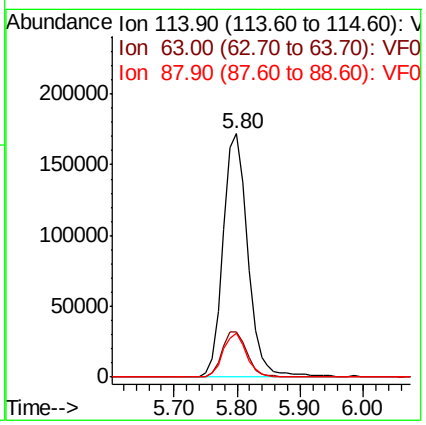


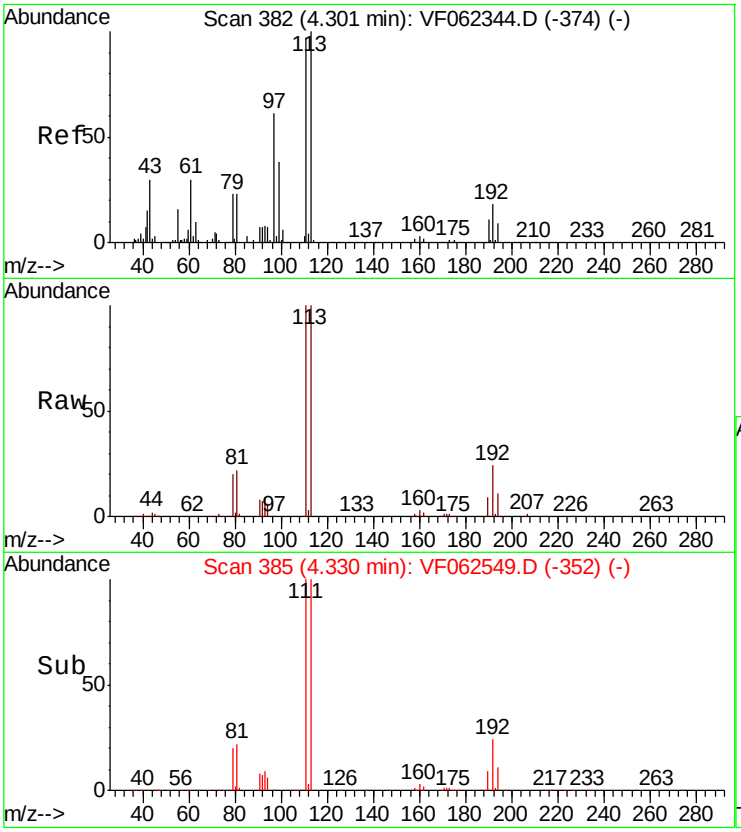


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 534
Delta R.T. 0.03 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Tgt Ion:114 Resp: 465930

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	37.4
88	17.8	0.0	36.4



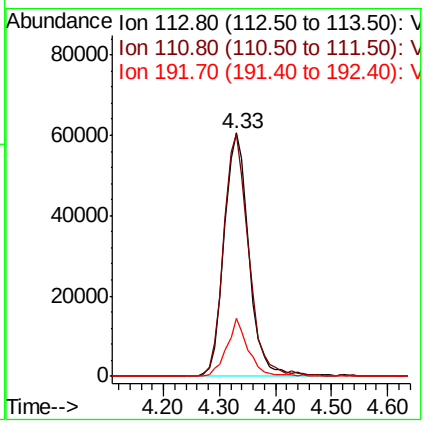


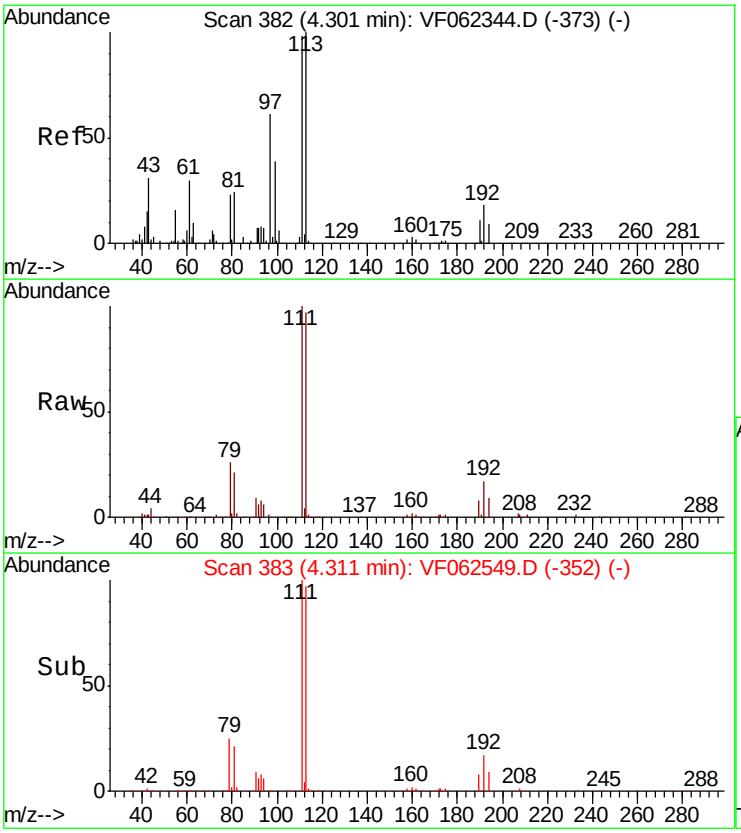
#35
Dibromofluoromethane
Concen: 50.125 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.03 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion:113 Resp: 186064

Ion	Ratio	Lower	Upper
113	100		
111	100.6	79.4	119.0
192	20.7	16.0	24.0

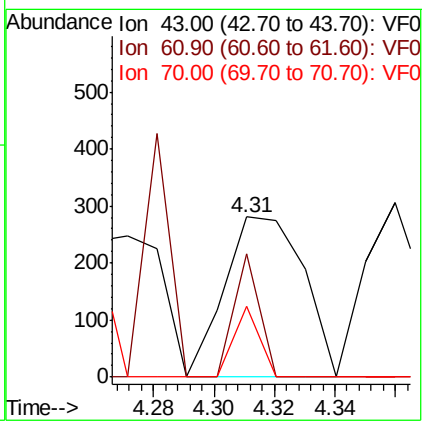


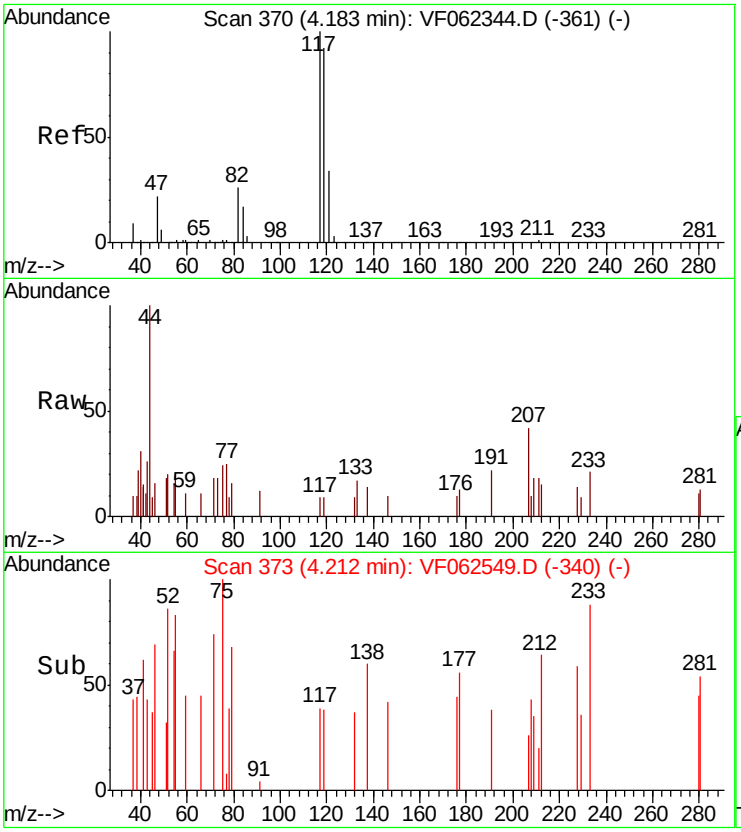


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.31 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Tgt Ion: 43 Resp: 509

Ion	Ratio	Lower	Upper
43	100		
61	25.1	0.0	0.0#
70	14.5	8.2	12.2#



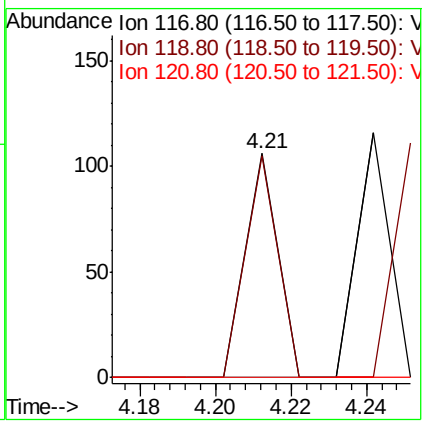


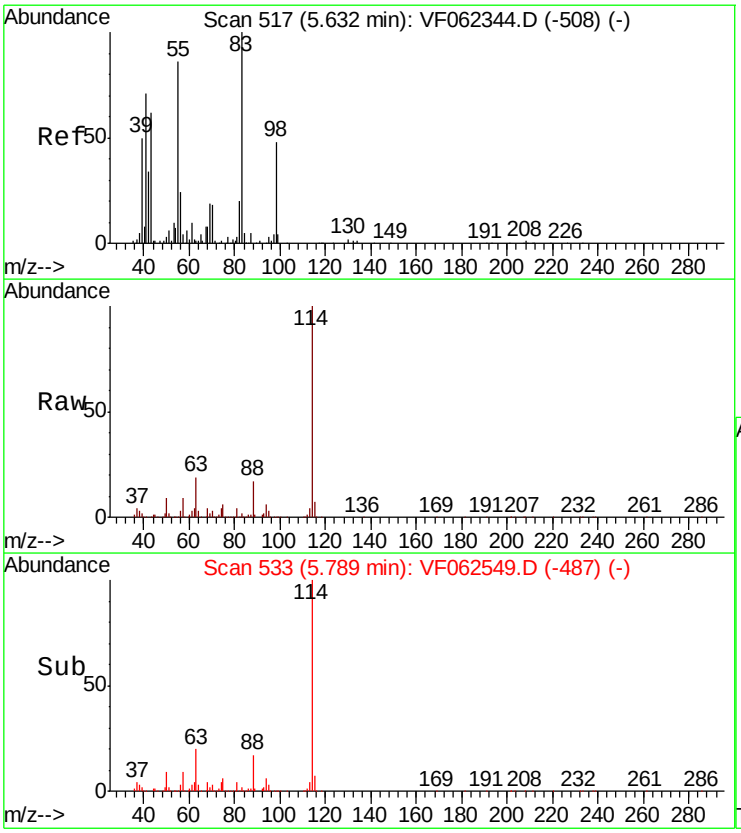
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.21 min Scan# 373
Delta R.T. 0.03 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion:117 Resp: 63

Ion	Ratio	Lower	Upper
117	100		
119	99.1	73.4	110.2
121	0.0	27.4	41.0#

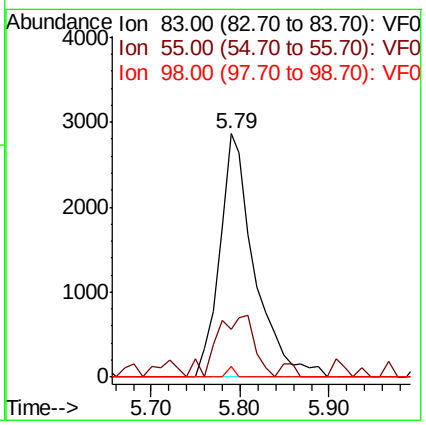


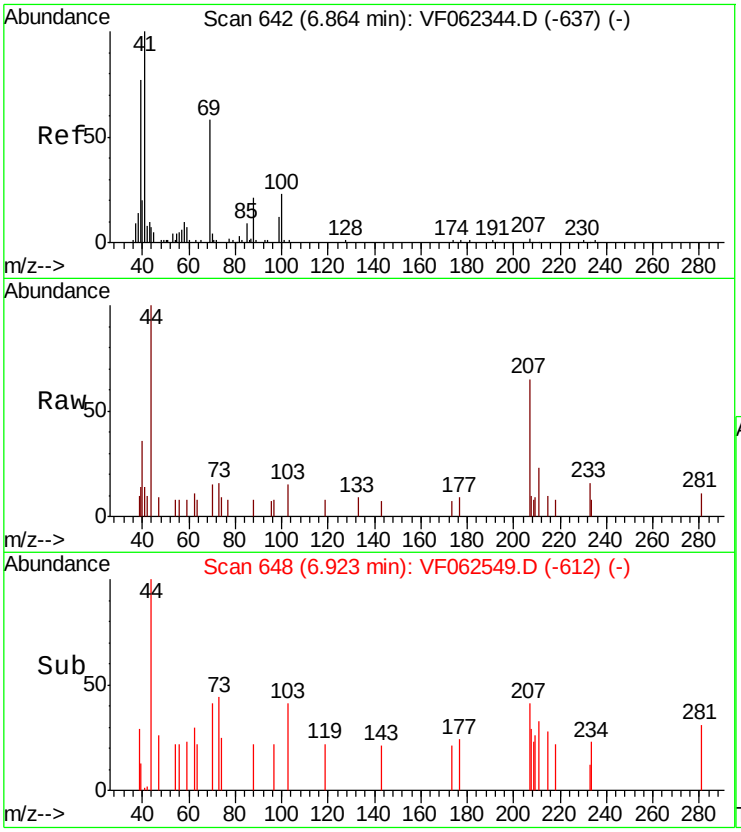


#39
Methylcyclohexane
Concen: 1.942 ug/l
RT: 5.79 min Scan# 533
Delta R.T. 0.16 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Tgt Ion: 83 Resp: 7796

Ion	Ratio	Lower	Upper
83	100		
55	19.7	69.0	103.6#
98	4.2	38.6	58.0#



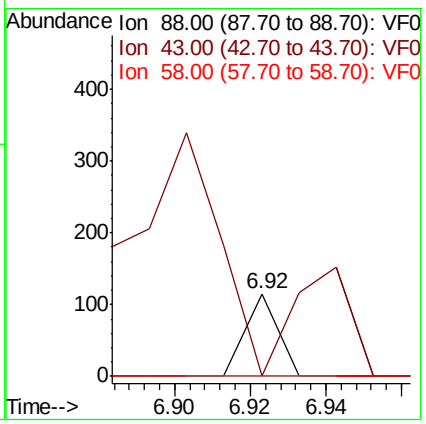


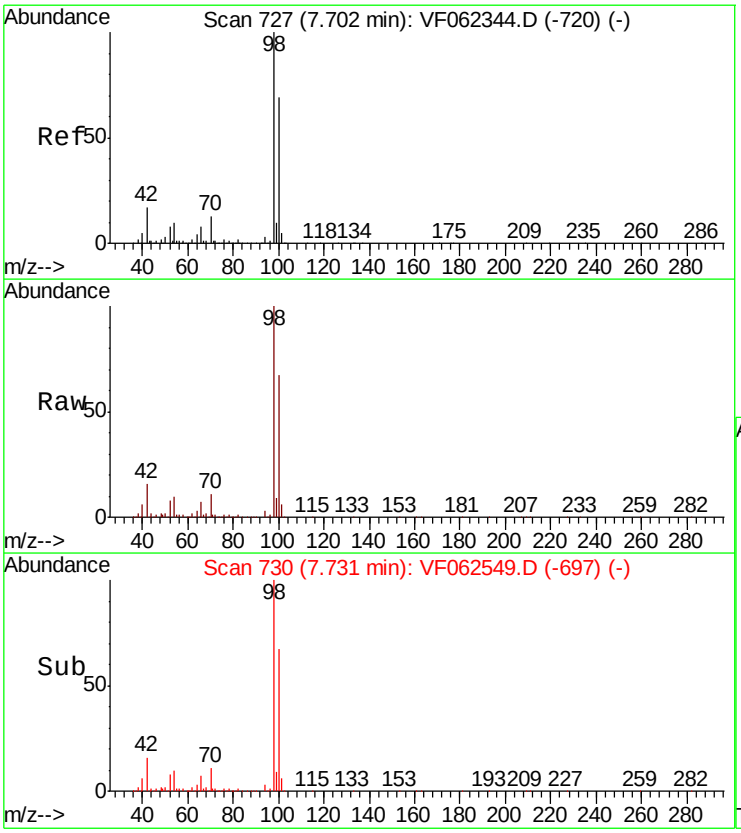
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.92 min Scan# 648
Delta R.T. 0.06 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion: 88 Resp: 68

Ion	Ratio	Lower	Upper
88	100		
43	232.4	55.6	83.4#
58	0.0	52.8	79.2#

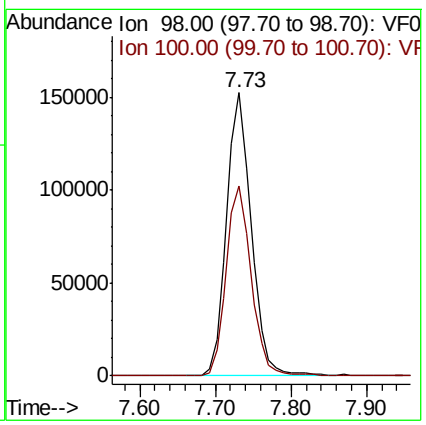


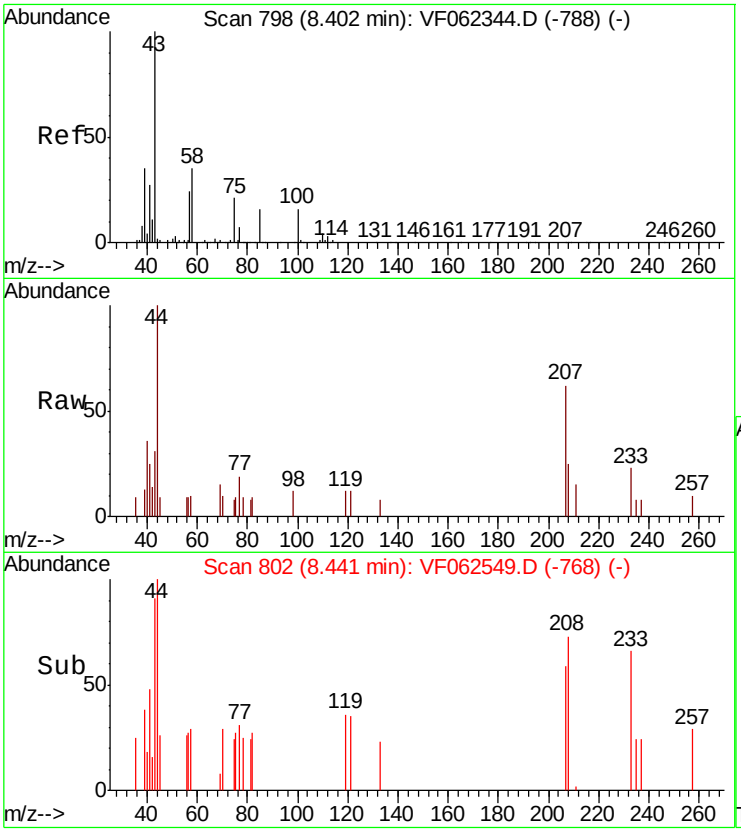


#50
Toluene-d8
Concen: 38.267 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.03 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Tgt Ion: 98 Resp: 343842

Ion	Ratio	Lower	Upper
98	100		
100	68.2	53.3	79.9



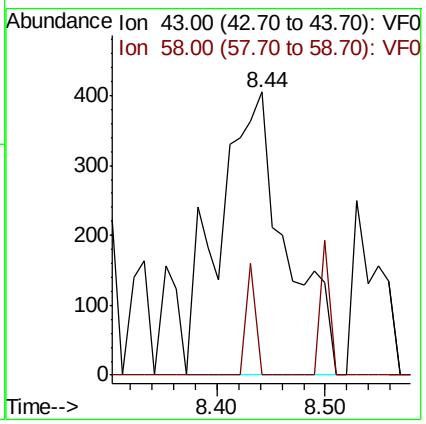


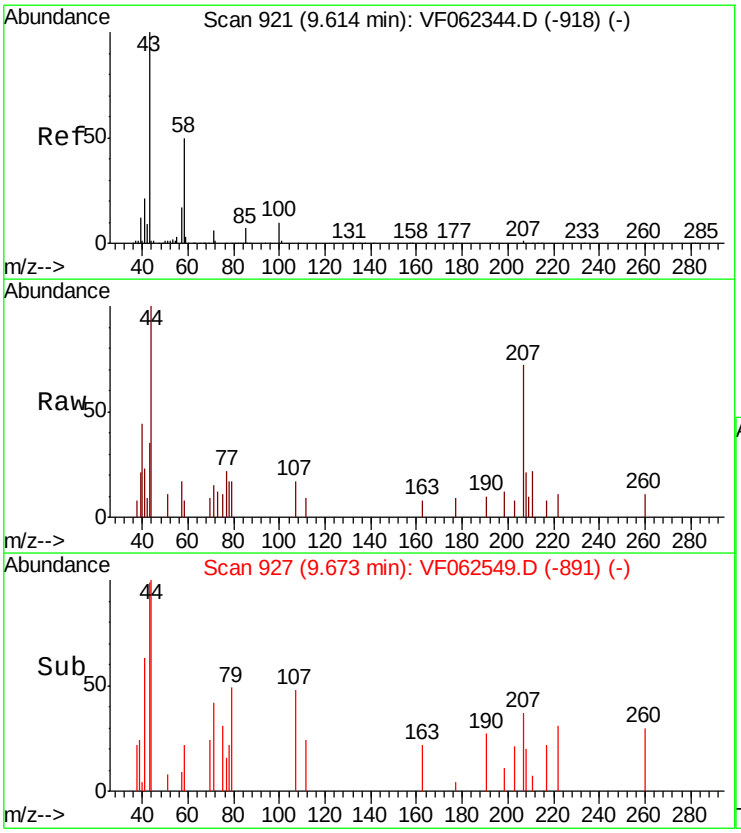
#51
4-Methyl-2-Pentanone
Concen: 1.266 ug/l
RT: 8.44 min Scan# 802
Delta R.T. 0.04 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion: 43 Resp: 1746

Ion	Ratio	Lower	Upper
43	100		
58	5.4	27.8	41.6#

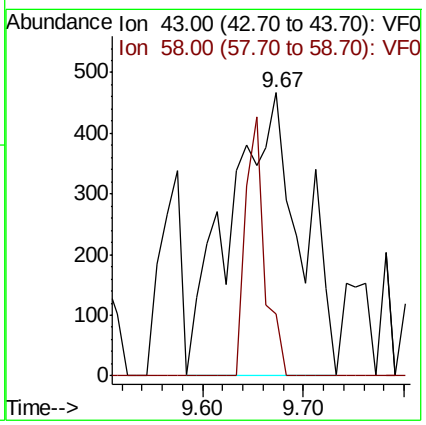


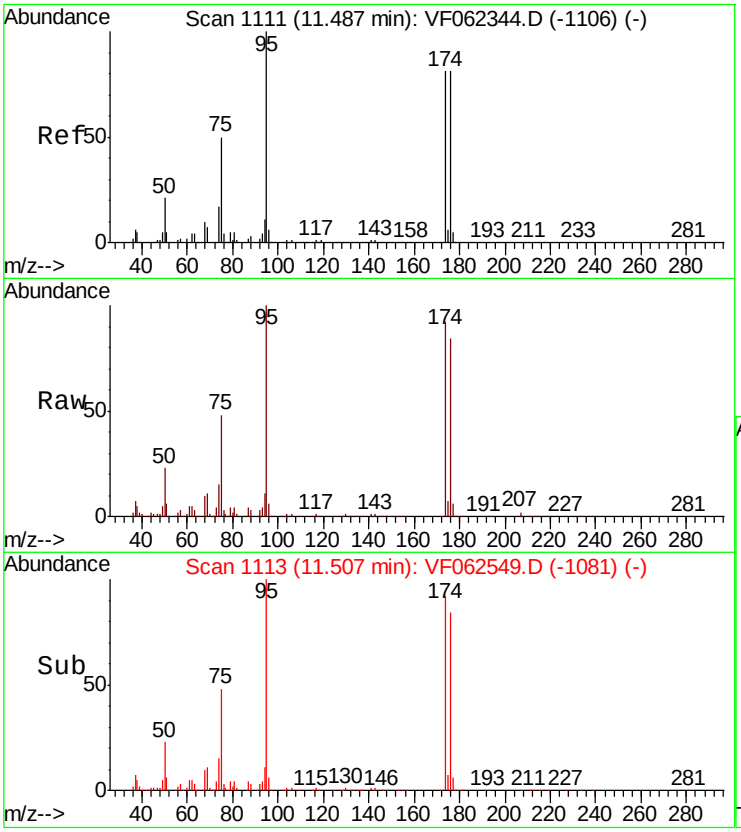


#59
2-Hexanone
Concen: 2.378 ug/l
RT: 9.67 min Scan# 927
Delta R.T. 0.06 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Tgt Ion: 43 Resp: 2269

Ion	Ratio	Lower	Upper
43	100		
58	25.0	24.3	73.0



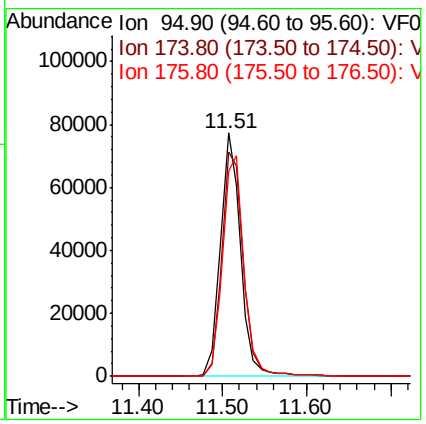


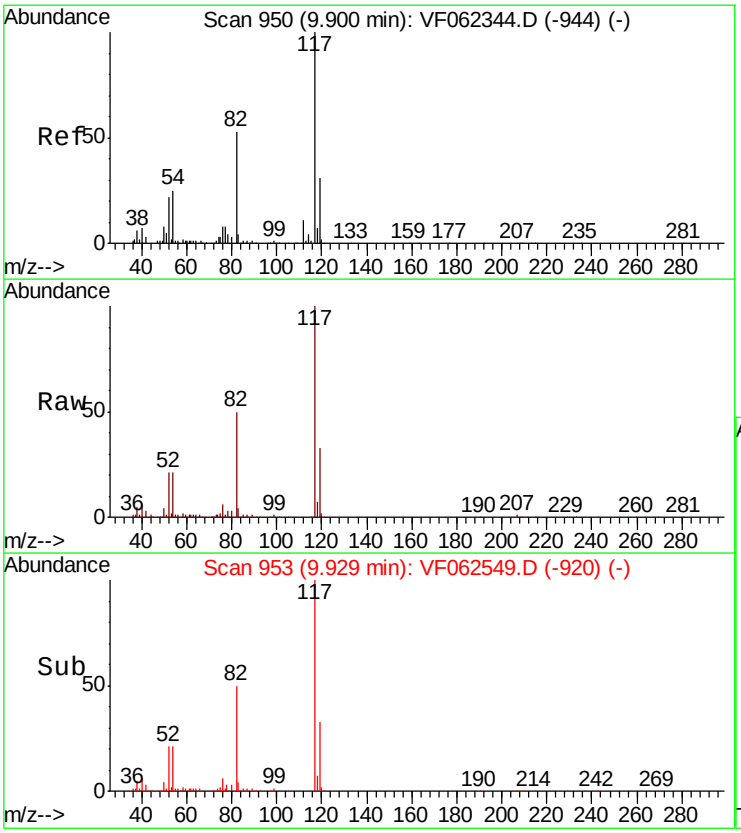
#62
4-Bromofluorobenzene
Concen: 31.719 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion: 95 Resp: 128587

Ion	Ratio	Lower	Upper
95	100		
174	98.6	0.0	191.8
176	96.5	0.0	193.2

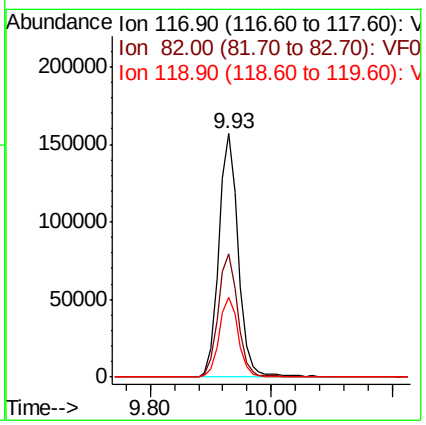


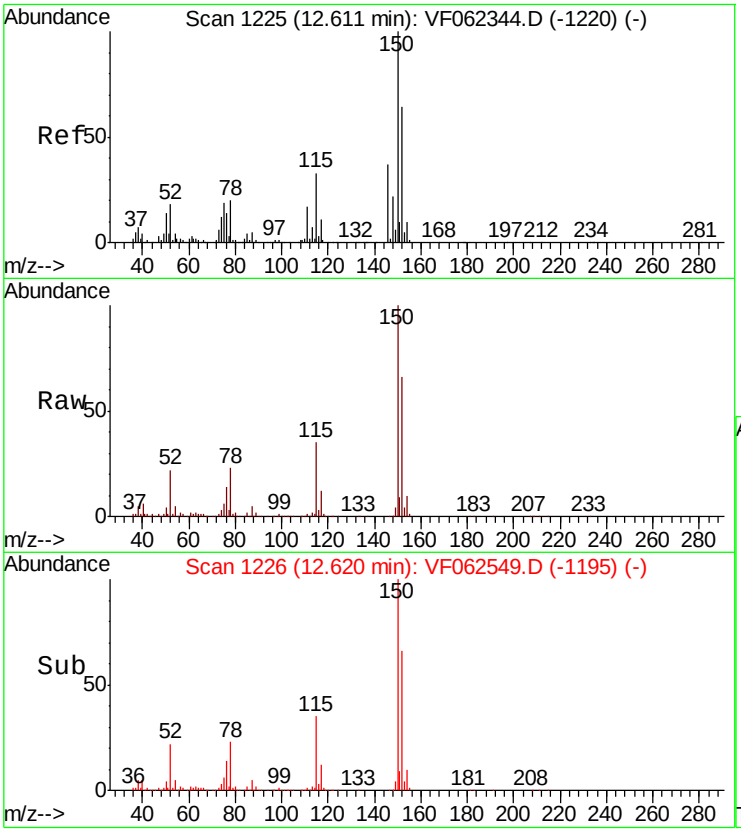


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062549.D
Acq: 13 May 2019 18:43

Tgt Ion:117 Resp: 349594

Ion	Ratio	Lower	Upper
117	100		
82	50.4	42.2	63.2
119	32.5	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: VF062549.D
Acq: 13 May 2019 18:43

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion:152 Resp: 163367

Ion	Ratio	Lower	Upper
152	100		
115	52.0	26.4	79.2
150	149.6	0.0	335.0