Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051119\
Data File : VF062488.D
Acq On : 12 May 2019 5:42
Operator : FY/SY
Sample : K2756-05
Misc : 6.15g/5mL/MSVOA_F/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P021-SS005-1824-01

Quant Time: May 12 10:06:31 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	175325	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	242095	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	209310	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	119899	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	114251	68.95	ug/l	0.03
Spiked Amount 50.000			Recovery = 137.90%			
35) Dibromofluoromethane	4.33	113	130653	67.74	ug/l	0.03
Spiked Amount 50.000			Recovery = 135.48%			
50) Toluene-d8	7.72	98	178423	38.22	ug/l	0.02
Spiked Amount 50.000			Recovery = 76.44%			
62) 4-Bromofluorobenzene	11.50	95	90617	43.02	ug/l	0.02
Spiked Amount 50.000			Recovery = 86.04%			
Target Compounds						Qvalue
5) Bromomethane	1.38	94	804	Below Cal	#	59
11) Tert butyl alcohol	2.68	59	989	10.561	ug/l #	63
13) Acrolein	2.11	56	671	Below Cal	#	70
15) Acrylonitrile	3.09	53	1008	5.683	ug/l #	34
16) Acetone	2.35	43	5782	17.251	ug/l #	76
18) Methyl Acetate	2.46	43	884	Below Cal		96
20) Methylene Chloride	2.29	84	7312	6.030	ug/l #	78
25) 2-Butanone	4.54	43	680	1.615	ug/l #	60
29) Tetrahydrofuran	4.27	42	358	1.850	ug/l #	58
37) Ethyl Acetate	4.36	43	1149	Below Cal	#	91
38) Carbon Tetrachloride	4.22	117	61	Below Cal	#	72
49) 1,4-Dioxane	6.94	88	119	4.297	ug/l #	1
59) 2-Hexanone	9.64	43	1895	3.823	ug/l #	55
81) trans-1,4-Dichloro-2-buten	11.95	75	457	1.432	ug/l #	20

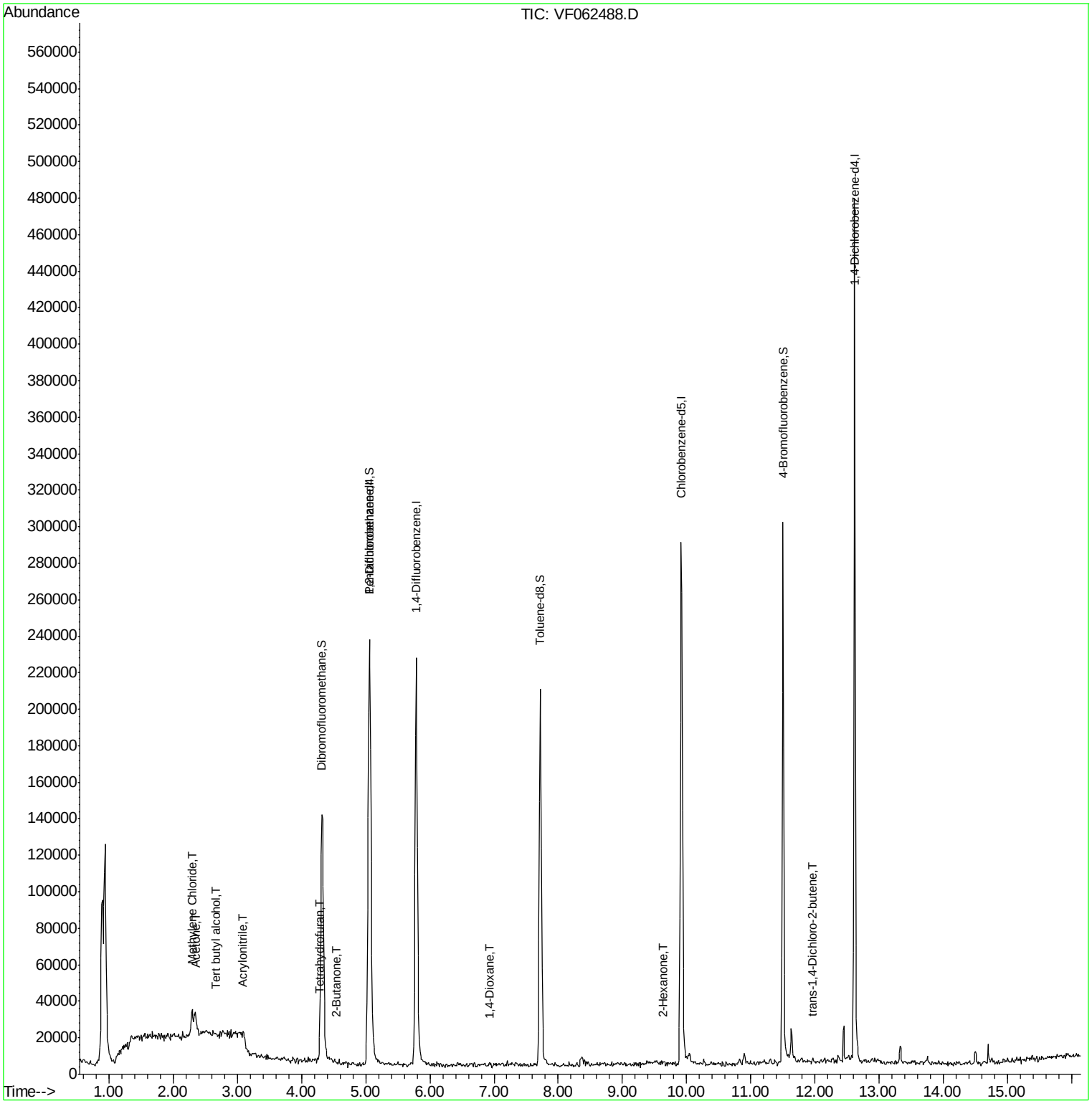
(#) = qualifier out of range (m) = manual integration (+) = signals summed

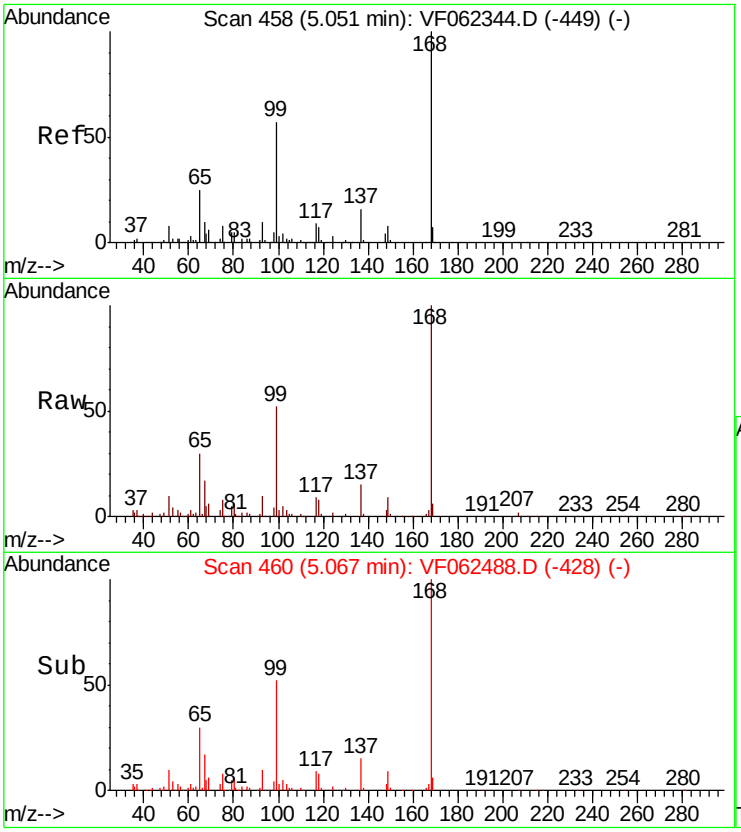
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051119\
Data File : VF062488.D
Acq On : 12 May 2019 5:42
Operator : FY/SY
Sample : K2756-05
Misc : 6.15g/5mL/MSVOA_F/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1824-01

Quant Time: May 12 10:06:31 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



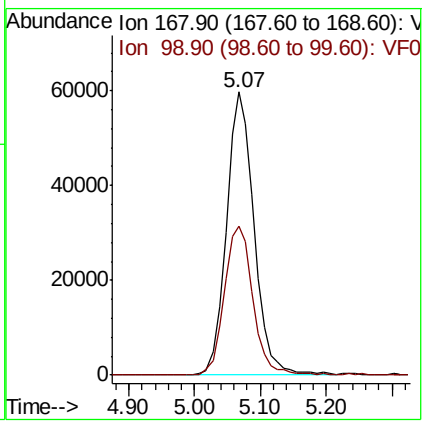


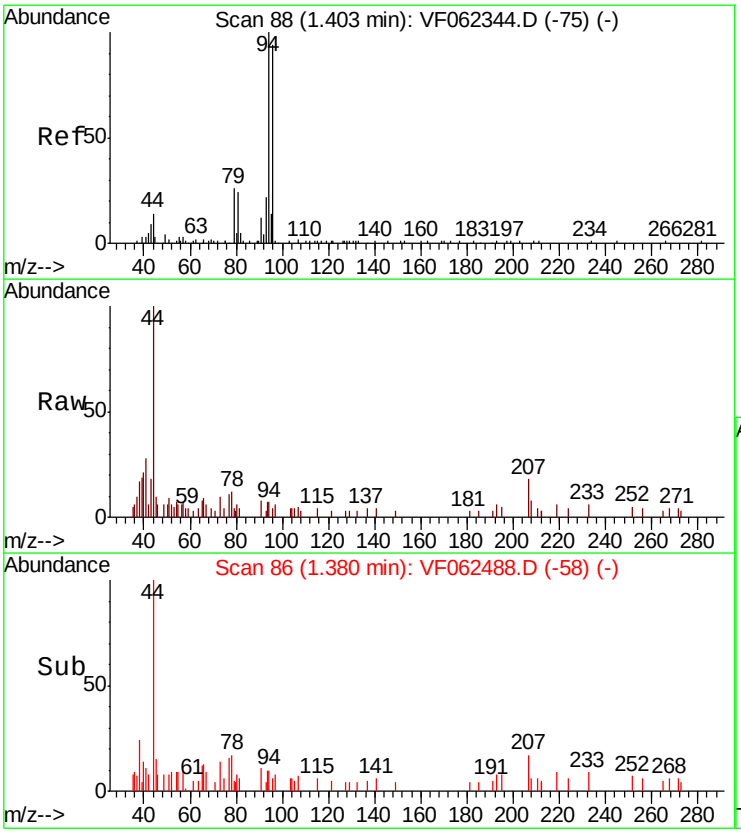
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 460
Delta R.T. 0.02 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1824-01

Tgt Ion:168 Resp: 175325

Ion	Ratio	Lower	Upper
168	100		
99	52.5	45.9	68.9

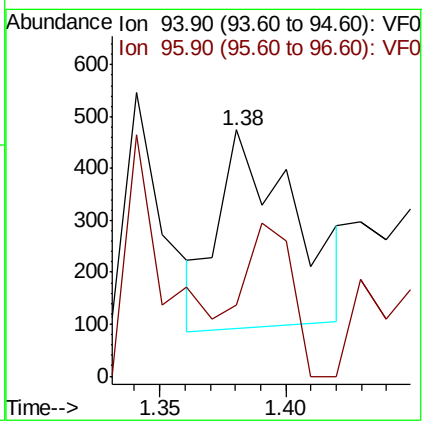


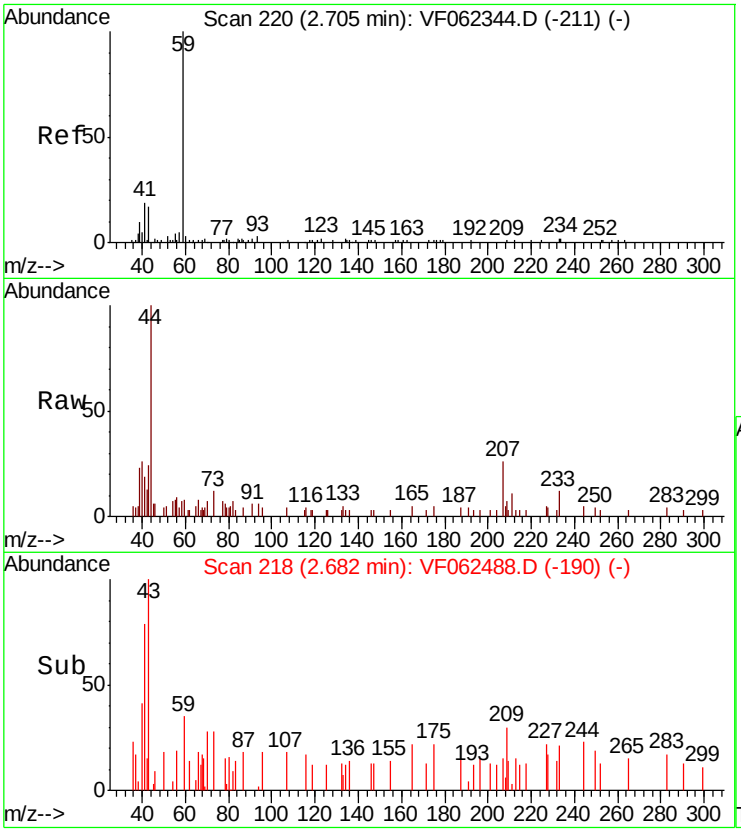


#5
Bromomethane
Concen: Below Cal
RT: 1.38 min Scan# 86
Delta R.T. -0.02 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Tgt Ion: 94 Resp: 804

Ion	Ratio	Lower	Upper
94	100		
96	54.8	75.4	113.2#



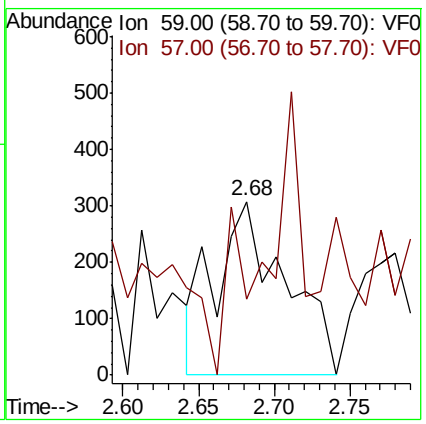


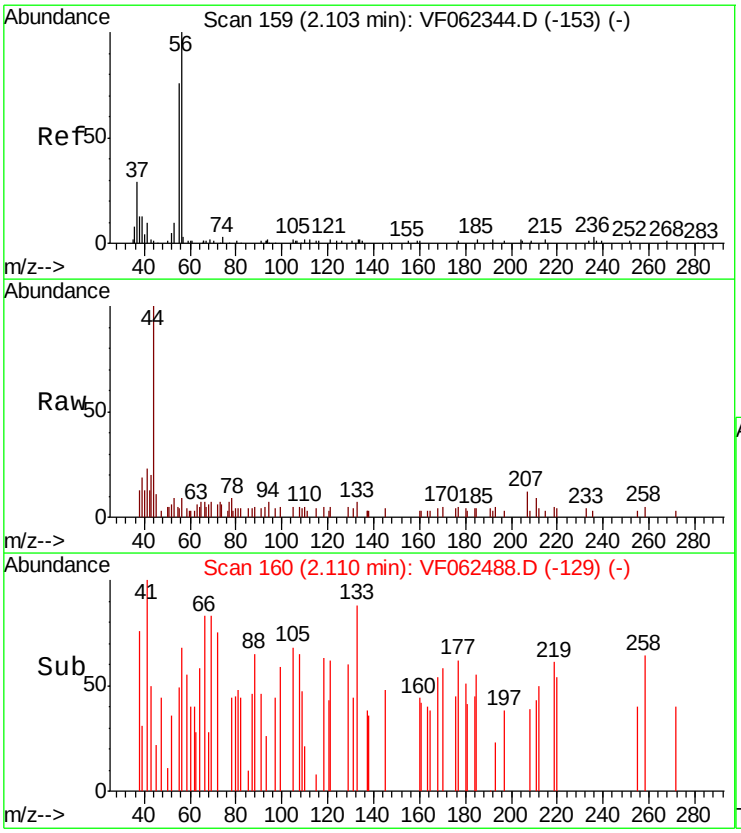
#11
Tert butyl alcohol
Concen: 10.561 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.02 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1824-01

Tgt Ion: 59 Resp: 989

Ion	Ratio	Lower	Upper
59	100		
57	25.9	9.3	13.9#

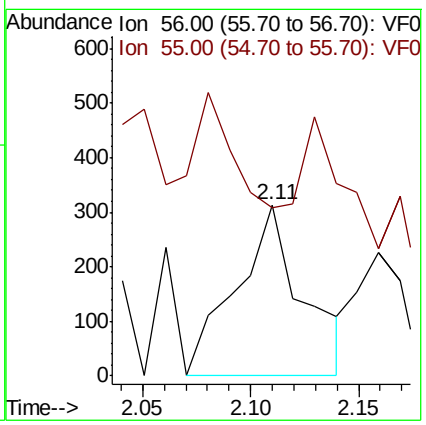


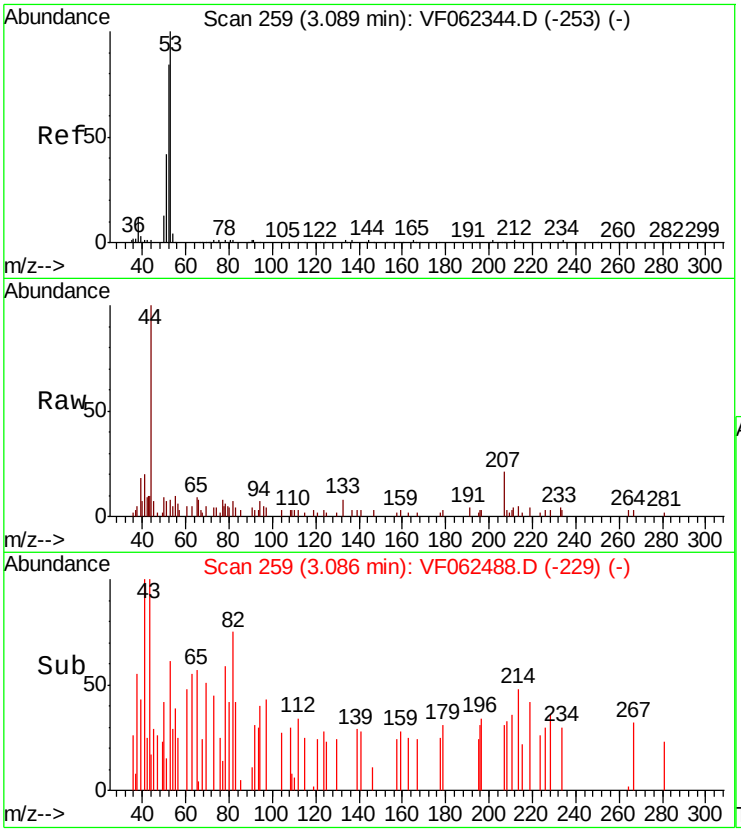


#13
Acrolein
Concen: Below Cal
RT: 2.11 min Scan# 160
Delta R.T. 0.01 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Tgt Ion: 56 Resp: 671

Ion	Ratio	Lower	Upper
56	100		
55	48.1	58.4	87.6#



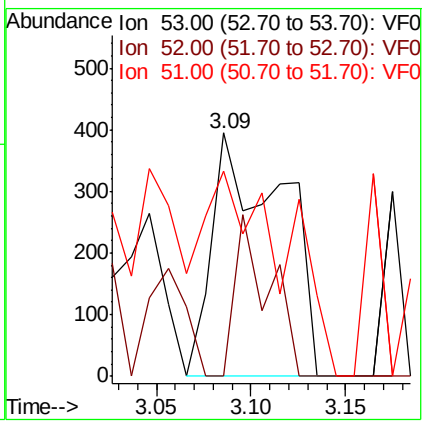


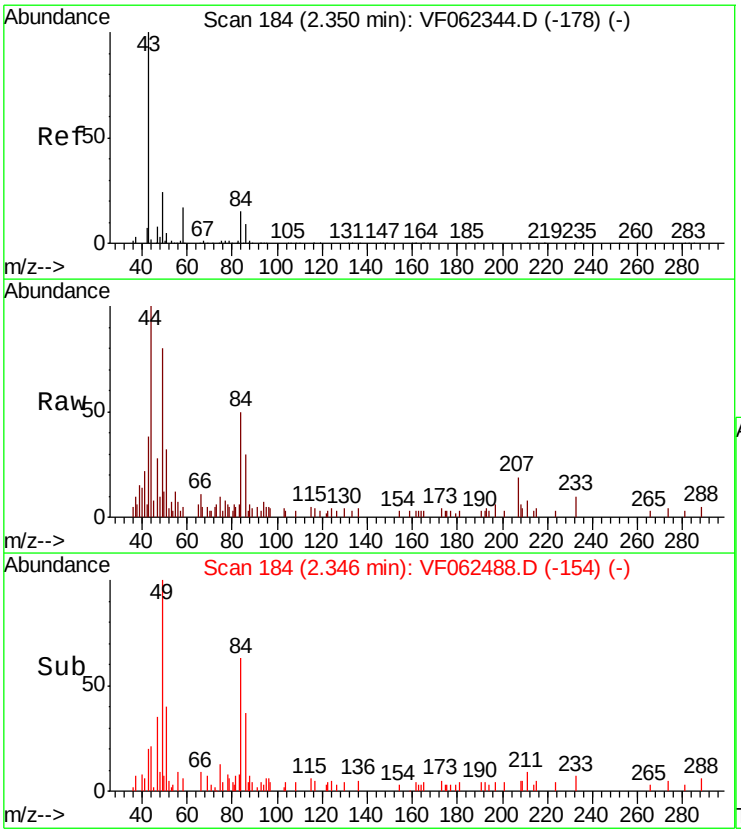
#15
Acrylonitrile
Concen: 5.683 ug/l
RT: 3.09 min Scan# 259
Delta R.T. -0.00 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1824-01

Tgt Ion: 53 Resp: 1008

Ion	Ratio	Lower	Upper
53	100		
52	32.3	77.2	115.8#
51	98.3	40.6	61.0#

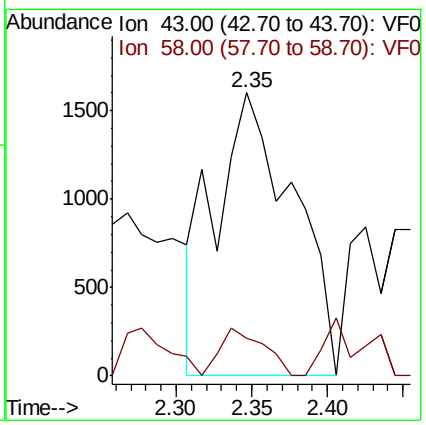


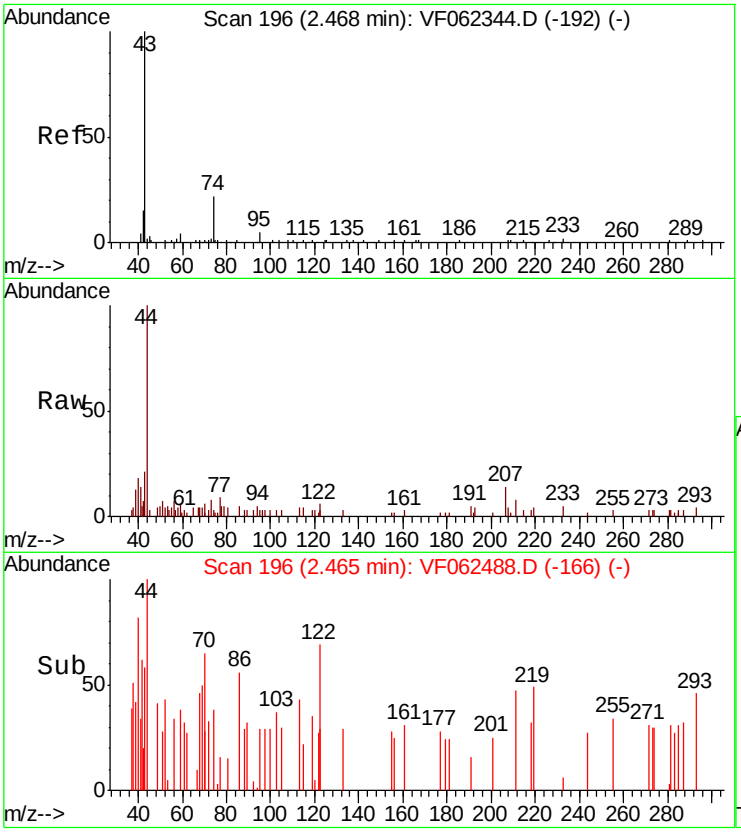


#16
Acetone
Concen: 17.251 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Tgt Ion: 43 Resp: 5782

Ion	Ratio	Lower	Upper
43	100		
58	6.2	13.1	19.7#



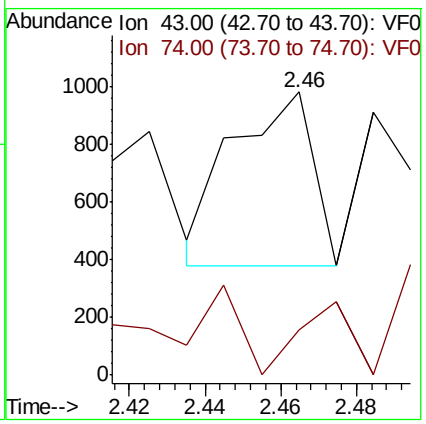


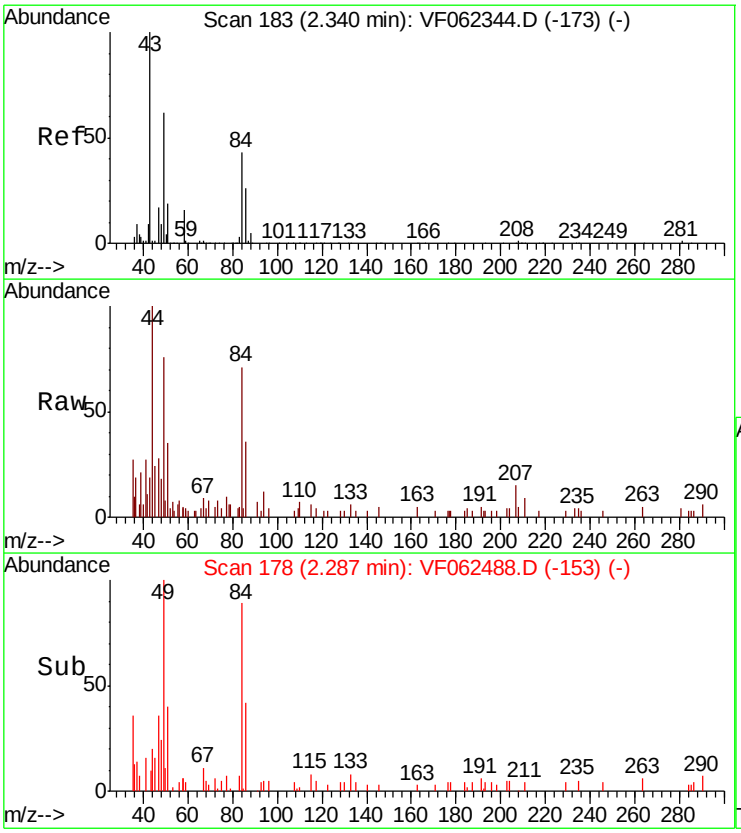
#18
Methyl Acetate
Concen: Below Cal
RT: 2.46 min Scan# 196
Delta R.T. -0.00 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1824-01

Tgt Ion: 43 Resp: 884

Ion	Ratio	Lower	Upper
43	100		
74	17.1	15.0	22.4

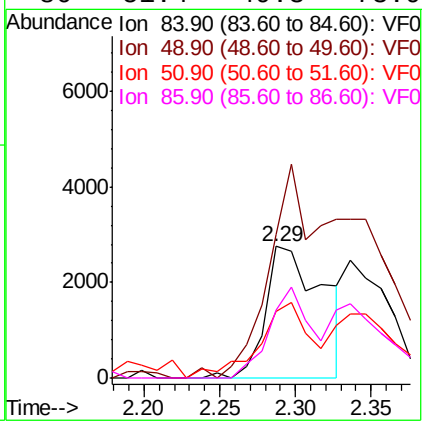


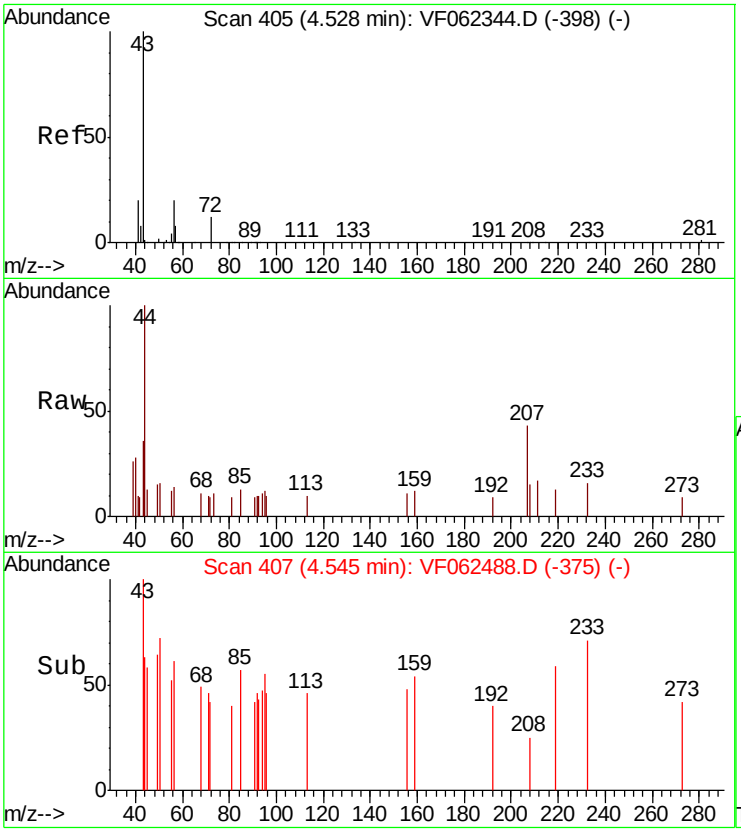


#20
Methylene Chloride
Concen: 6.030 ug/l
RT: 2.29 min Scan# 178
Delta R.T. -0.05 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Tgt Ion: 84 Resp: 7312

Ion	Ratio	Lower	Upper
84	100		
49	108.4	117.5	176.3#
51	42.9	37.0	55.4
86	51.4	49.3	73.9



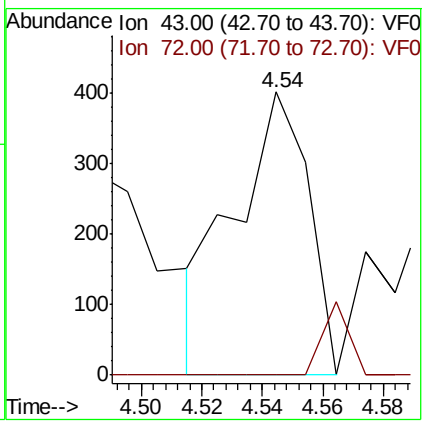


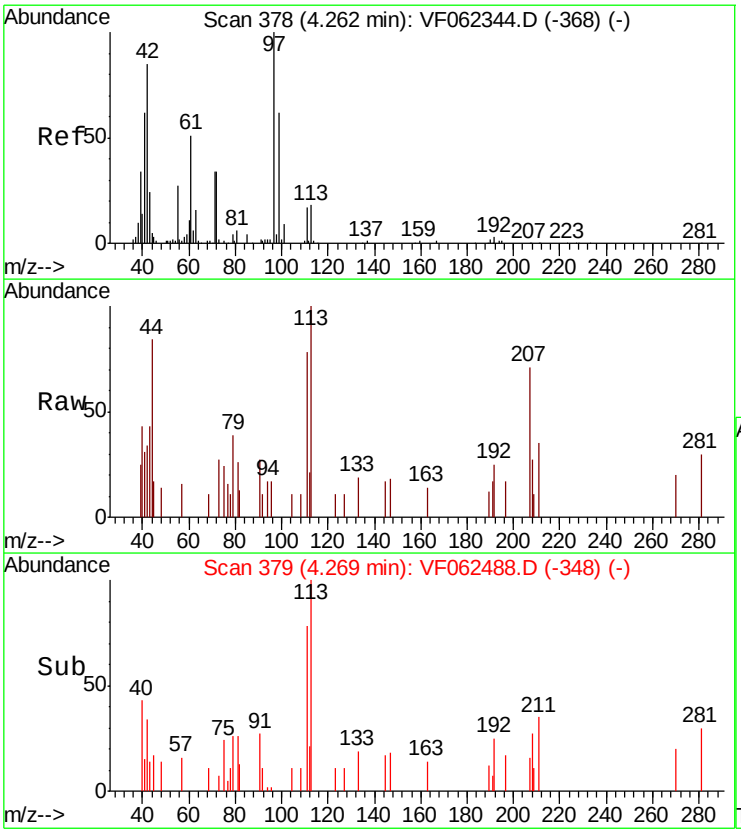
#25
2-Butanone
Concen: 1.615 ug/l
RT: 4.54 min Scan# 407
Delta R.T. 0.02 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1824-01

Tgt Ion: 43 Resp: 680

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#

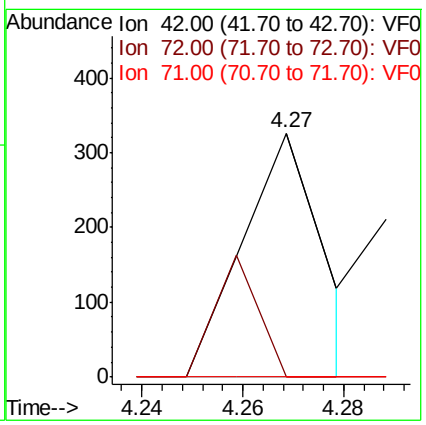


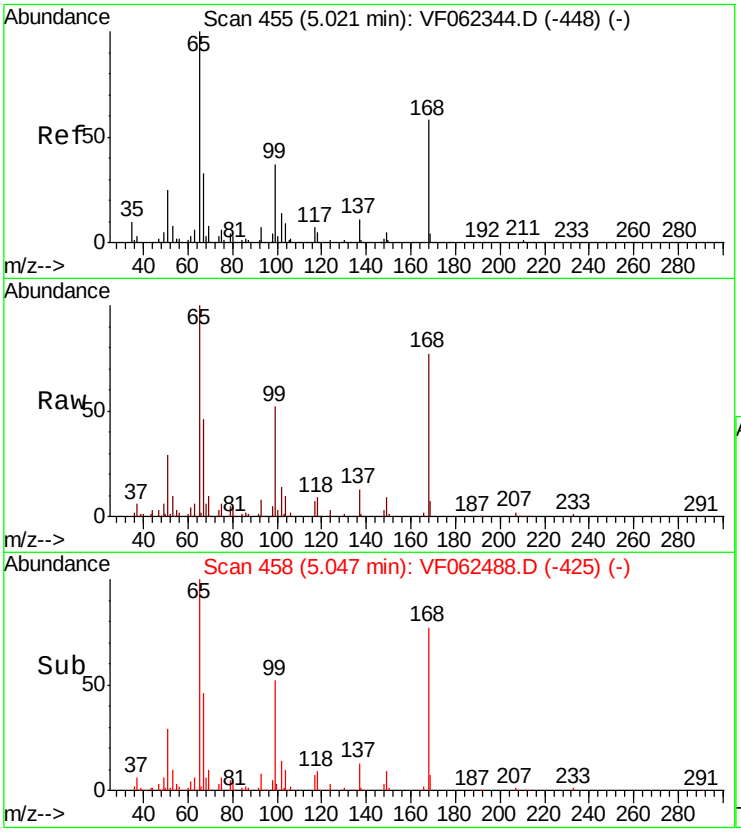


#29
Tetrahydrofuran
Concen: 1.850 ug/l
RT: 4.27 min Scan# 379
Delta R.T. 0.01 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Tgt Ion: 42 Resp: 358

Ion	Ratio	Lower	Upper
42	100		
72	26.8	31.4	47.0#
71	0.0	31.7	47.5#



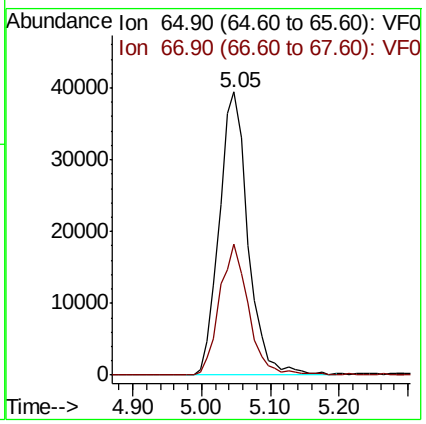


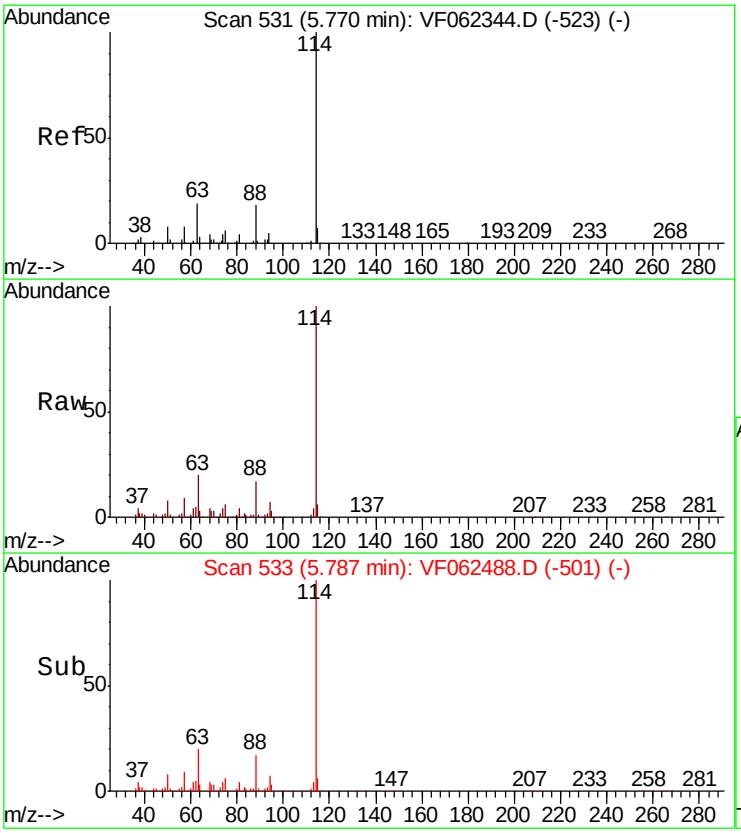
#33
1,2-Dichloroethane-d4
Concen: 68.955 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.03 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1824-01

Tgt Ion: 65 Resp: 114251

Ion	Ratio	Lower	Upper
65	100		
67	46.7	0.0	85.8

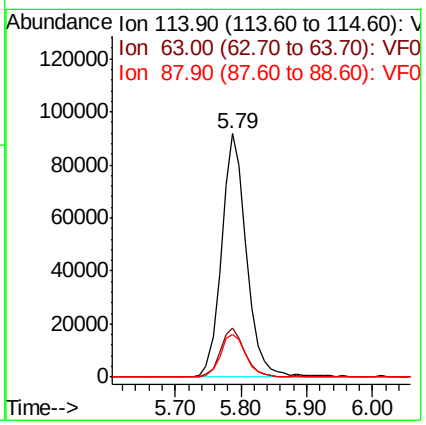


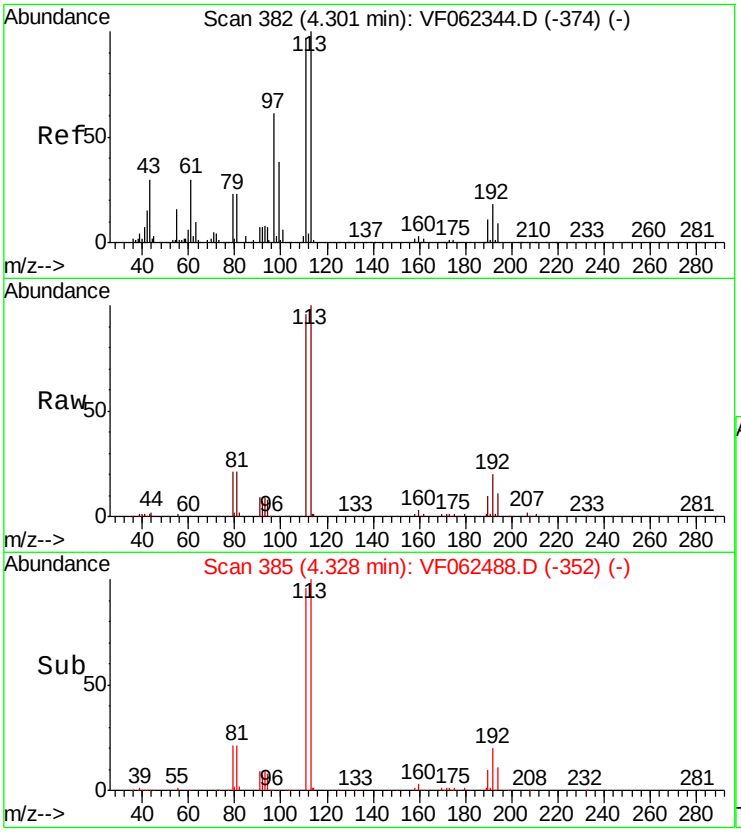


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 533
Delta R.T. 0.02 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Tgt Ion:114 Resp: 242095

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	37.4
88	17.5	0.0	36.4



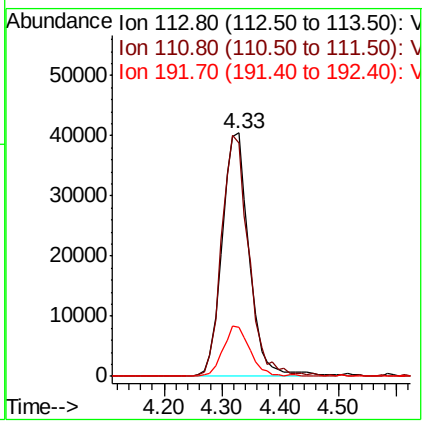


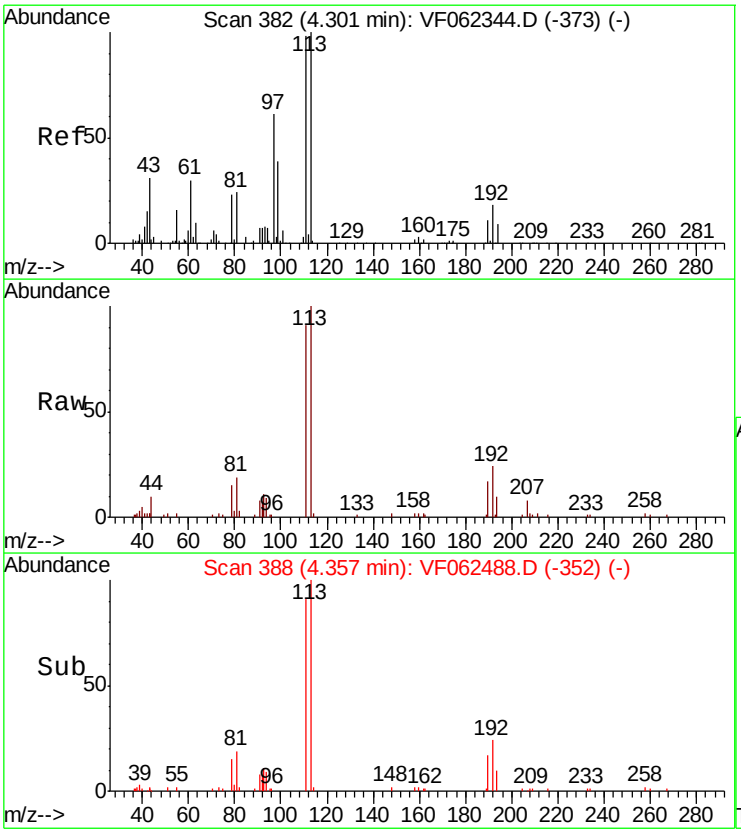
#35
Dibromofluoromethane
Concen: 67.740 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.03 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1824-01

Tgt Ion:113 Resp: 130653

Ion	Ratio	Lower	Upper
113	100		
111	99.0	79.4	119.0
192	20.4	16.0	24.0

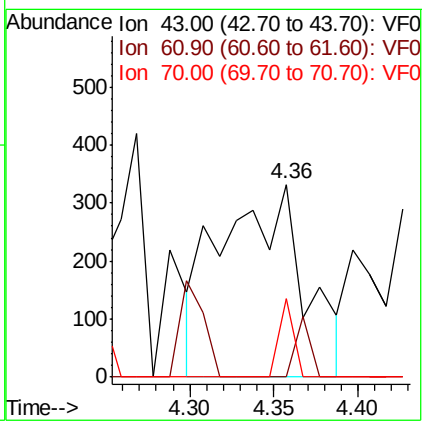


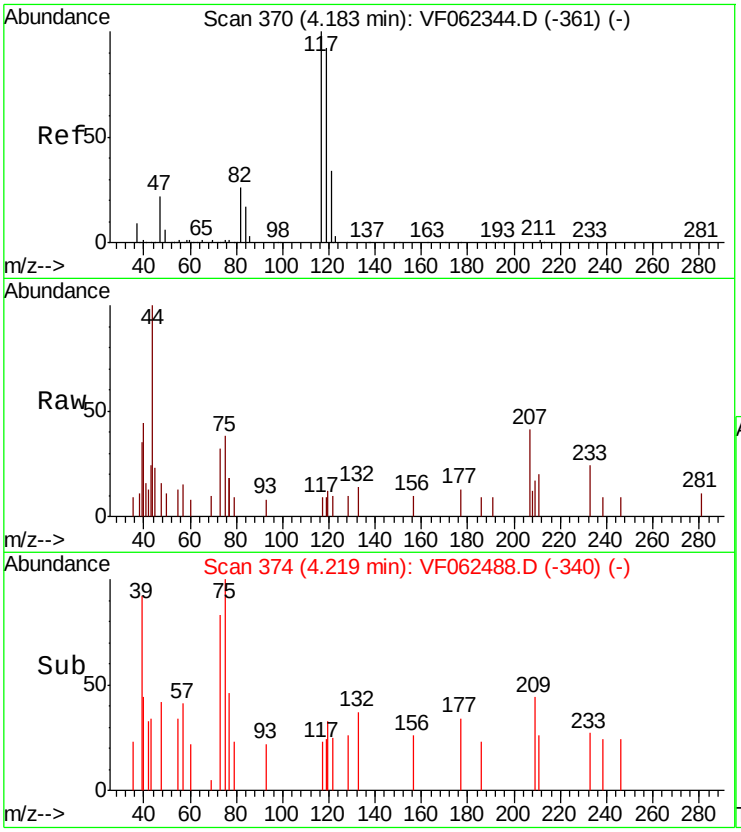


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.36 min Scan# 388
Delta R.T. 0.06 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Tgt Ion: 43 Resp: 1149

Ion	Ratio	Lower	Upper
43	100		
61	5.4	0.0	0.0#
70	7.0	8.2	12.2#



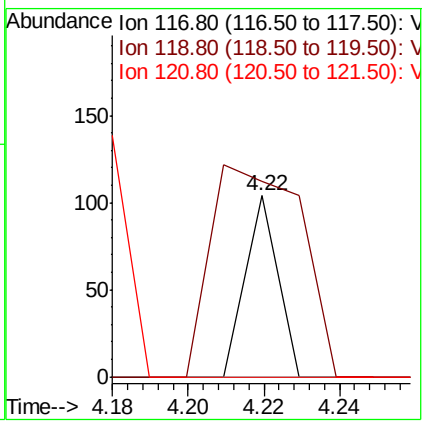


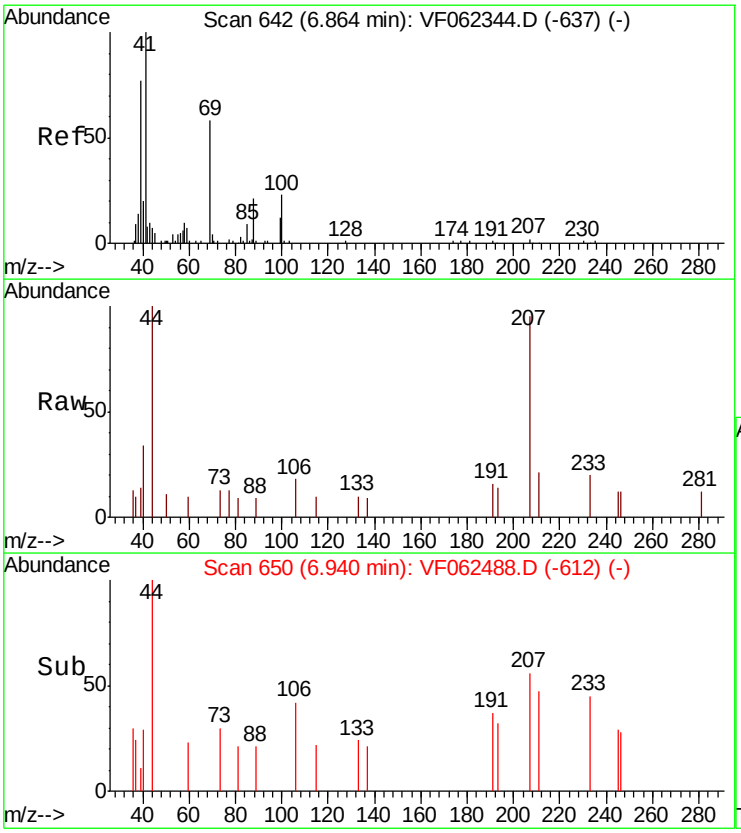
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.22 min Scan# 374
Delta R.T. 0.04 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Instrument : MSVOA_F
ClientSampleId : P021-SS005-1824-01

Tgt Ion:117 Resp: 61

Ion	Ratio	Lower	Upper
117	100		
119	107.7	73.4	110.2
121	0.0	27.4	41.0#

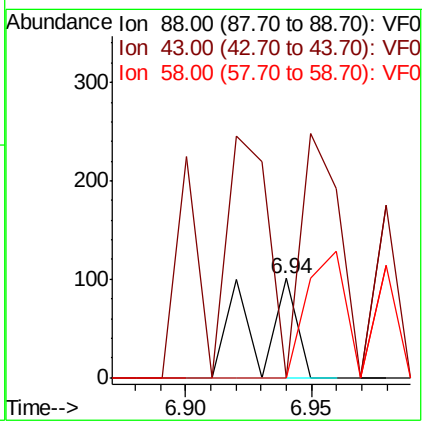


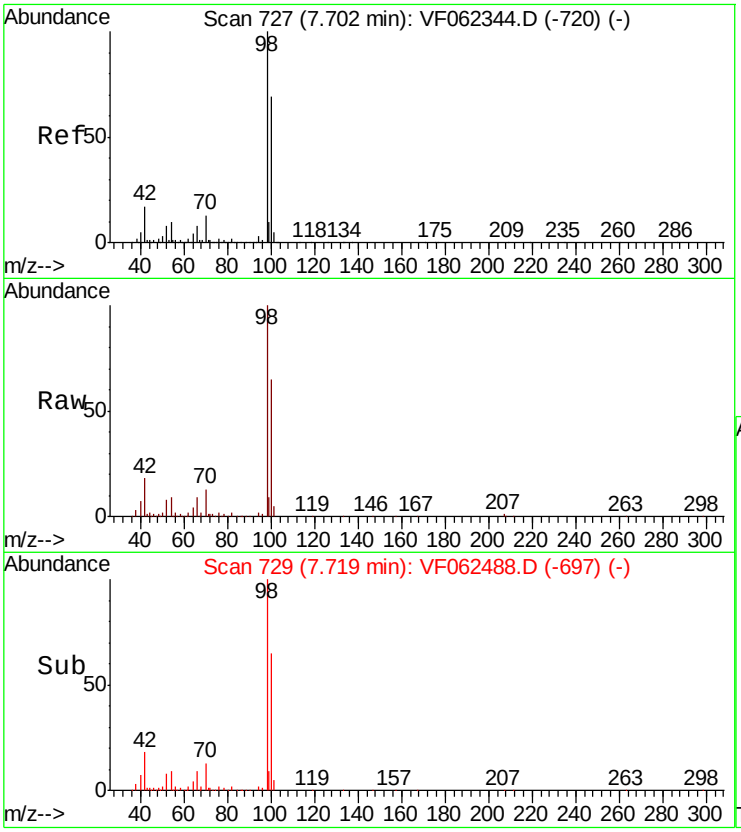


#49
1,4-Dioxane
Concen: 4.297 ug/l
RT: 6.94 min Scan# 650
Delta R.T. 0.08 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Tgt Ion: 88 Resp: 119

Ion	Ratio	Lower	Upper
88	100		
43	218.5	55.6	83.4#
58	170.6	52.8	79.2#



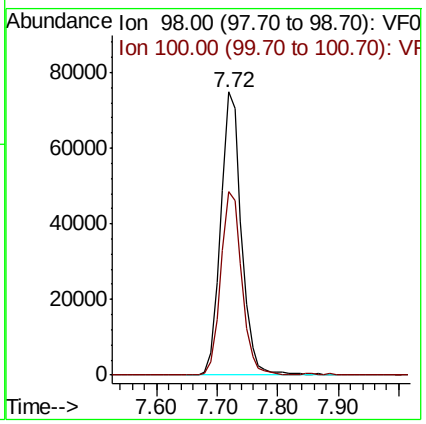


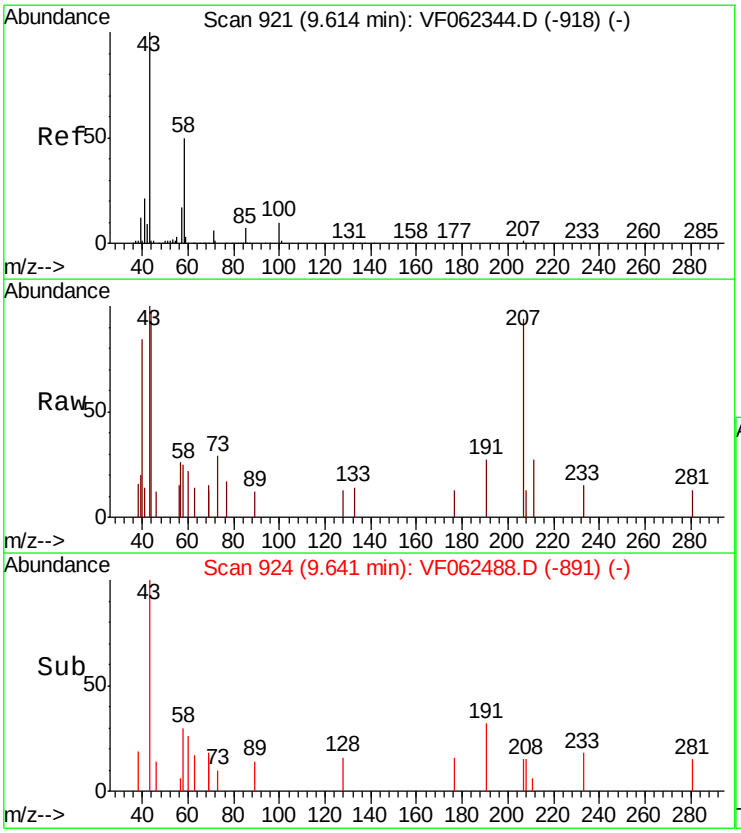
#50
Toluene-d8
Concen: 38.216 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1824-01

Tgt Ion: 98 Resp: 178423

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.3	79.9

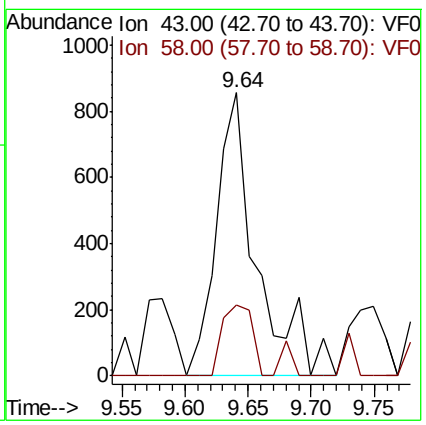


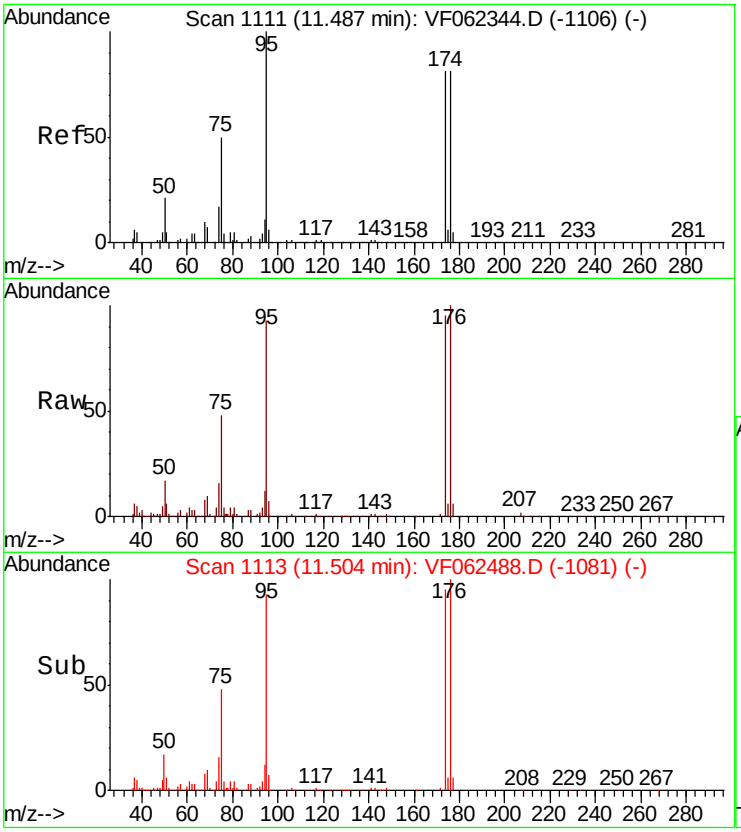


#59
2-Hexanone
Concen: 3.823 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.03 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Tgt Ion: 43 Resp: 1895

Ion	Ratio	Lower	Upper
43	100		
58	18.4	24.3	73.0#



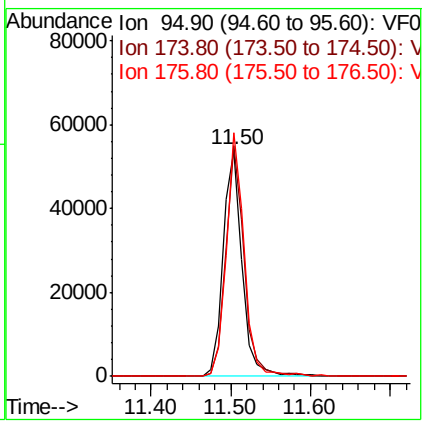


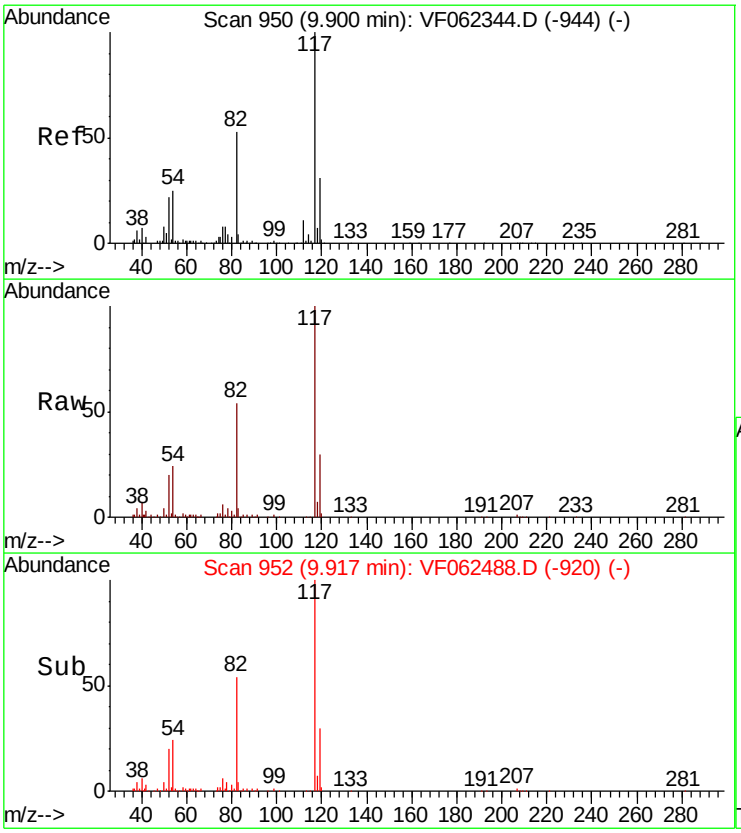
#62
4-Bromofluorobenzene
Concen: 43.020 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1824-01

Tgt Ion: 95 Resp: 90617

Ion	Ratio	Lower	Upper
95	100		
174	99.0	0.0	191.8
176	101.8	0.0	193.2

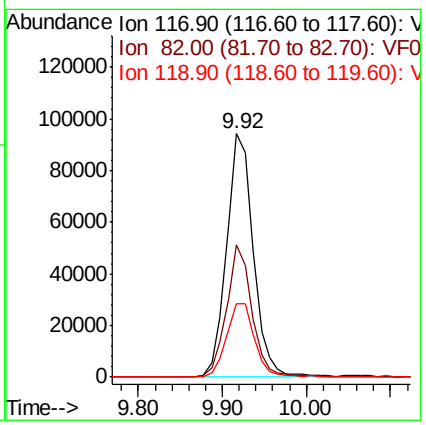


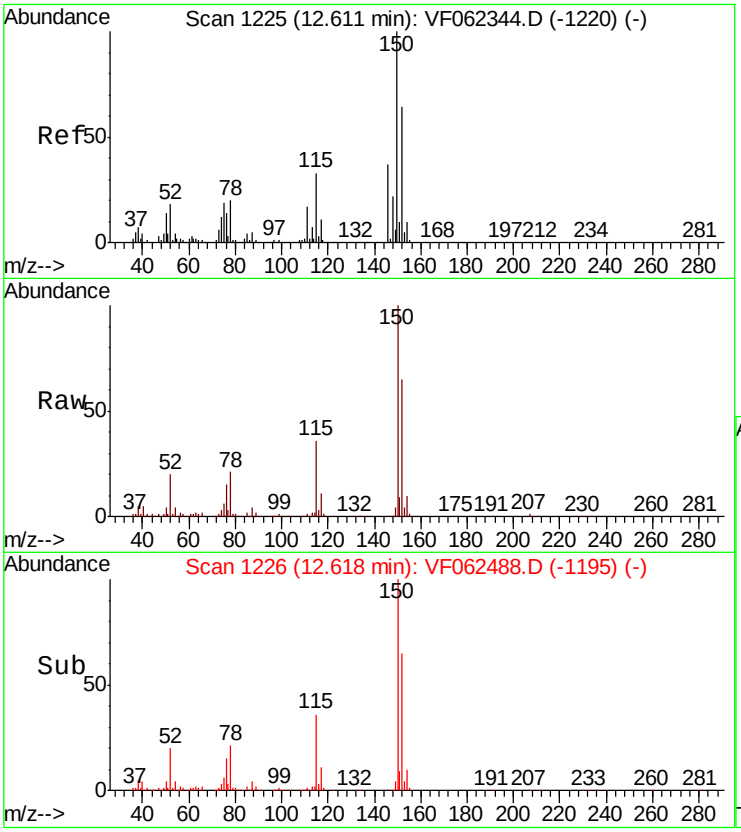


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Tgt Ion:117 Resp: 209310

Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.2	63.2
119	30.3	25.0	37.4



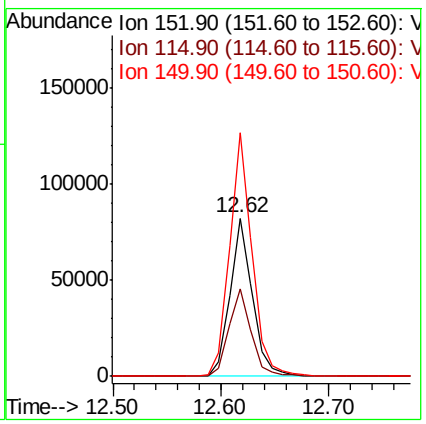


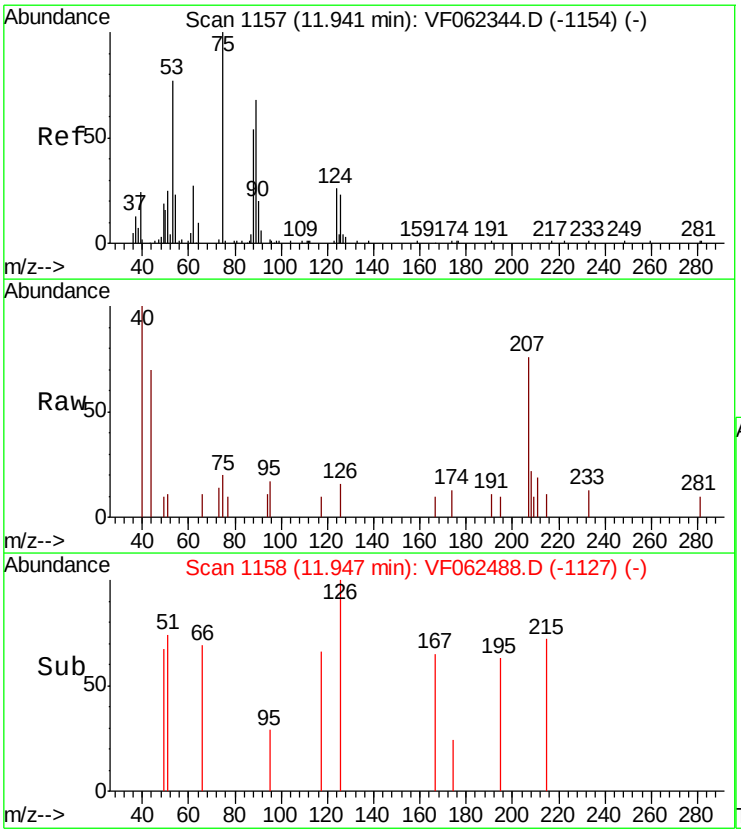
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-1824-01

Tgt Ion:152 Resp: 119899

Ion	Ratio	Lower	Upper
152	100		
115	54.8	26.4	79.2
150	153.2	0.0	335.0





#81
trans-1,4-Dichloro-2-butene
Concen: 1.432 ug/l
RT: 11.95 min Scan# 1158
Delta R.T. 0.01 min
Lab File: VF062488.D
Acq: 12 May 2019 5:42

Tgt Ion: 75 Resp: 457

Ion	Ratio	Lower	Upper
75	100		
53	14.9	71.9	107.9#
89	0.0	0.0	0.0