Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062548.D
Acq On : 13 May 2019 18:15
Operator : FY/SY
Sample : K2734-07RE
Misc : 5.87g/5mL/MSVOA_F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0206-01RE

Quant Time: May 14 07:03:49 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	309437	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	371290	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	222154	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	57045	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	137603	47.05	ug/l	0.03
Spiked Amount 50.000			Recovery = 94.10%			
35) Dibromofluoromethane	4.33	113	161786	54.69	ug/l	0.03
Spiked Amount 50.000			Recovery = 109.38%			
50) Toluene-d8	7.73	98	260921	36.44	ug/l	0.03
Spiked Amount 50.000			Recovery = 72.88%			
62) 4-Bromofluorobenzene	11.51	95	66478	20.58	ug/l	0.02
Spiked Amount 50.000			Recovery = 41.16%			
Target Compounds						Qvalue
5) Bromomethane	1.42	94	926	Below Cal	#	28
11) Tert butyl alcohol	2.71	59	1331	8.053	ug/l	97
13) Acrolein	2.15	56	559	Below Cal	#	1
15) Acrylonitrile	3.09	53	486	1.552	ug/l #	26
16) Acetone	2.36	43	2897	4.897	ug/l #	89
18) Methyl Acetate	2.51	43	2329	Below Cal	#	86
20) Methylene Chloride	2.33	84	3236	1.512	ug/l #	80
29) Tetrahydrofuran	4.27	42	546	1.598	ug/l #	49
37) Ethyl Acetate	4.32	43	852	Below Cal	#	94
38) Carbon Tetrachloride	4.16	117	75	Below Cal	#	49
39) Methylcyclohexane	5.80	83	6503	2.033	ug/l #	39
49) 1,4-Dioxane	7.11	88	62	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.41	43	1187	1.080	ug/l #	84
59) 2-Hexanone	9.63	43	1097	1.443	ug/l	70
67) Ethyl Benzene	10.05	91	11199	1.740	ug/l #	84
70) Styrene	10.91	104	7976	2.074	ug/l	98
73) Isopropylbenzene	11.23	105	3911	1.156	ug/l	91
74) N-amyl acetate	11.49	43	1499	2.065	ug/l #	69
76) 1,2,3-Trichloropropane	11.87	75	488	1.208	ug/l #	100
81) trans-1,4-Dichloro-2-buten	11.96	75	314	2.068	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.72	75	226	1.905	ug/l #	1
95) Naphthalene	14.51	128	2618	1.237	ug/l #	93

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

Quantitation Report (Not Reviewed)

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Operator : FY/SY
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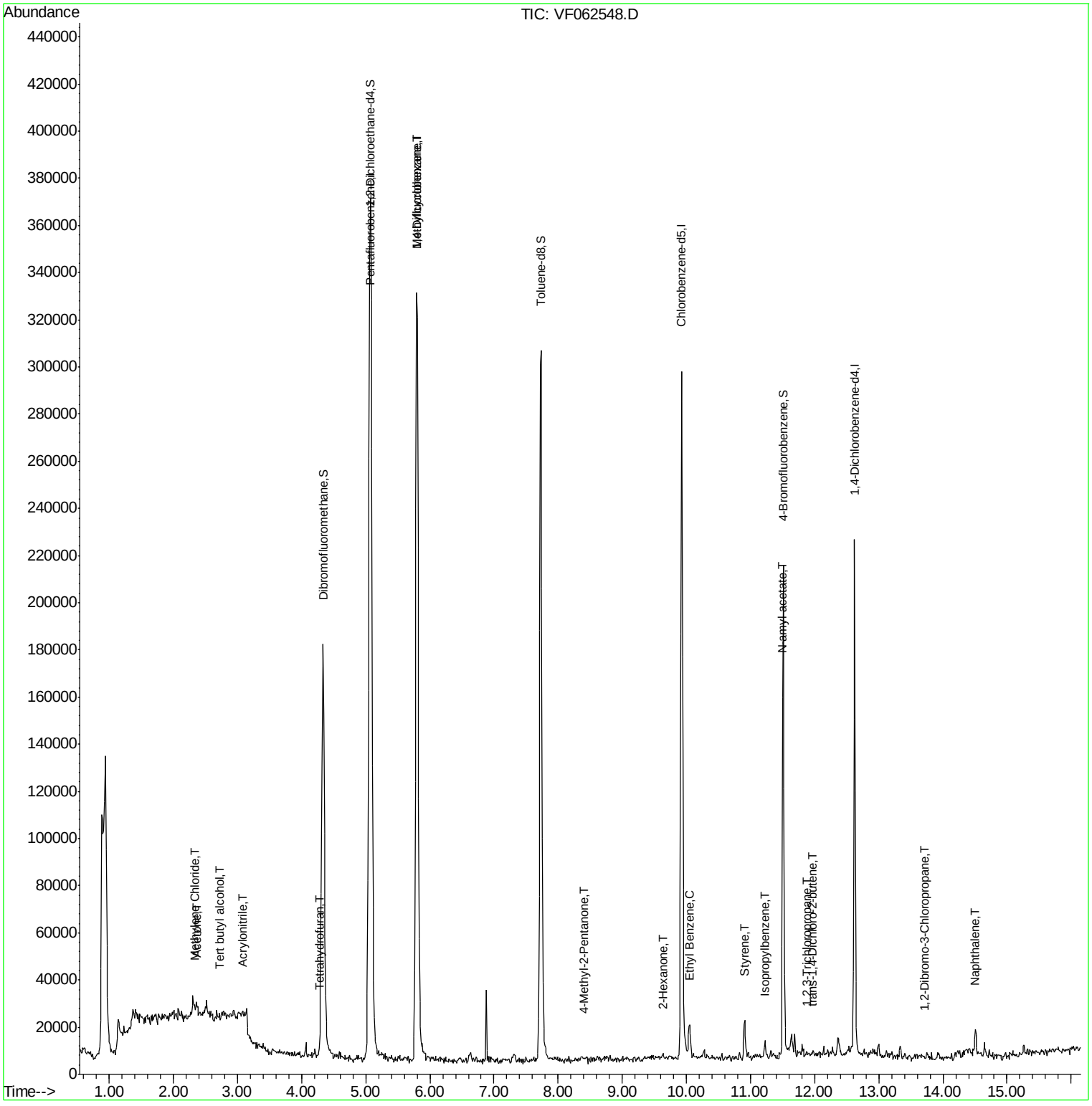
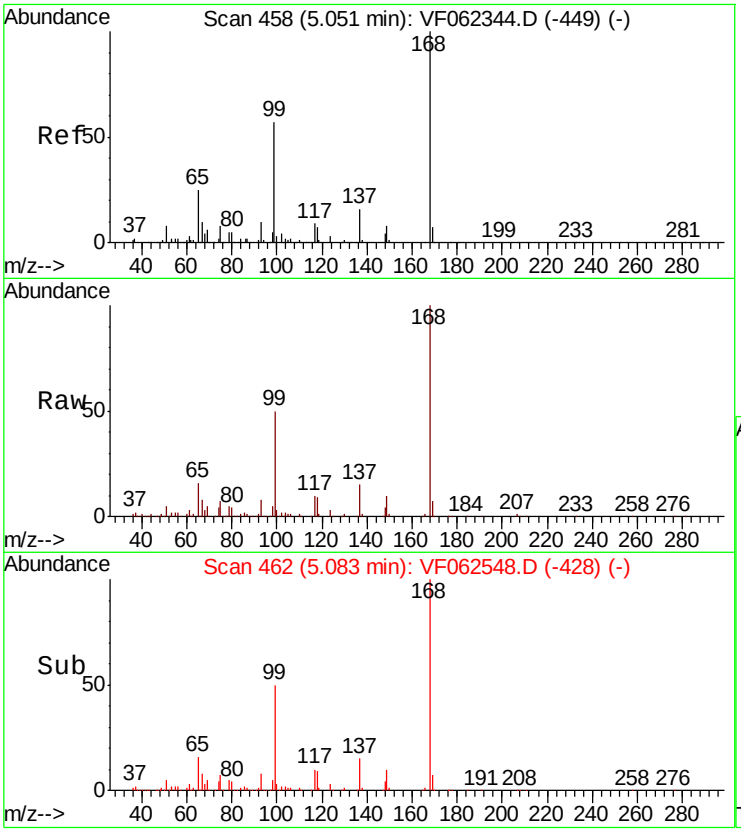


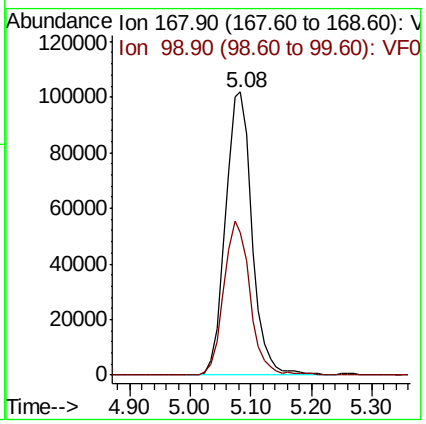


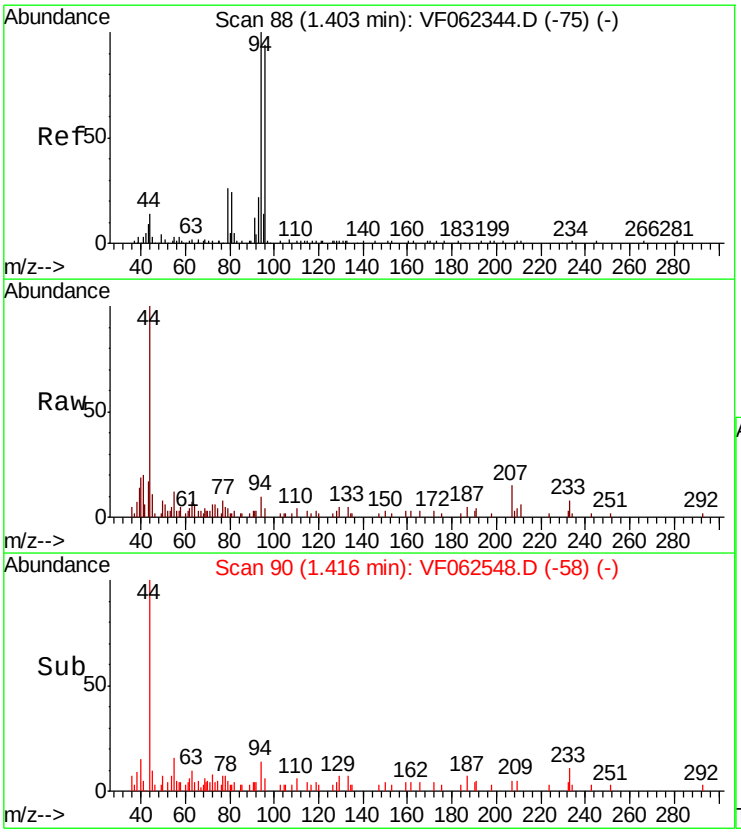
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 462
Delta R.T. 0.03 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0206-01RE

Tgt Ion:168 Resp: 309437

Ion	Ratio	Lower	Upper
168	100		
99	50.2	45.9	68.9

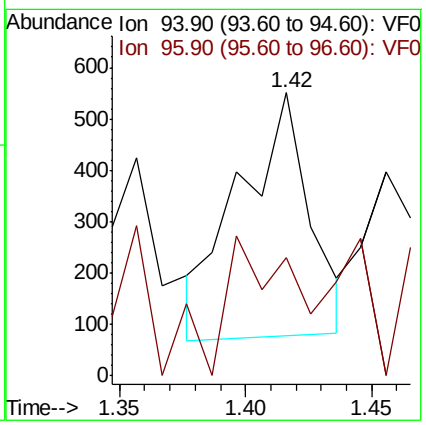


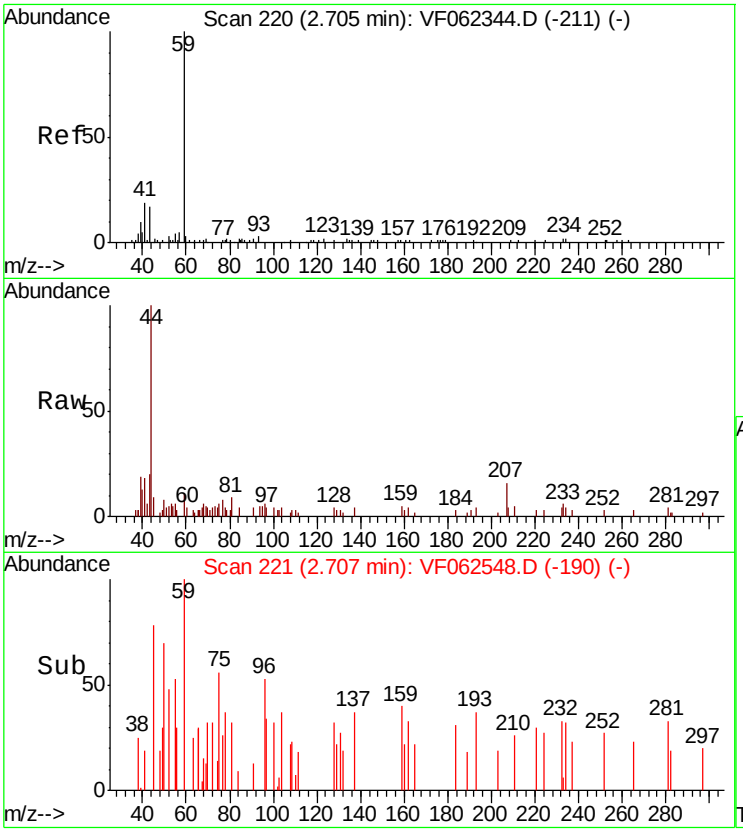


#5
Bromomethane
Concen: Below Cal
RT: 1.42 min Scan# 90
Delta R.T. 0.01 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Tgt Ion: 94 Resp: 926

Ion	Ratio	Lower	Upper
94	100		
96	24.9	75.4	113.2#



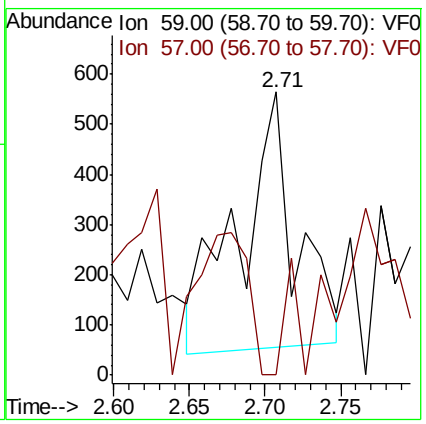


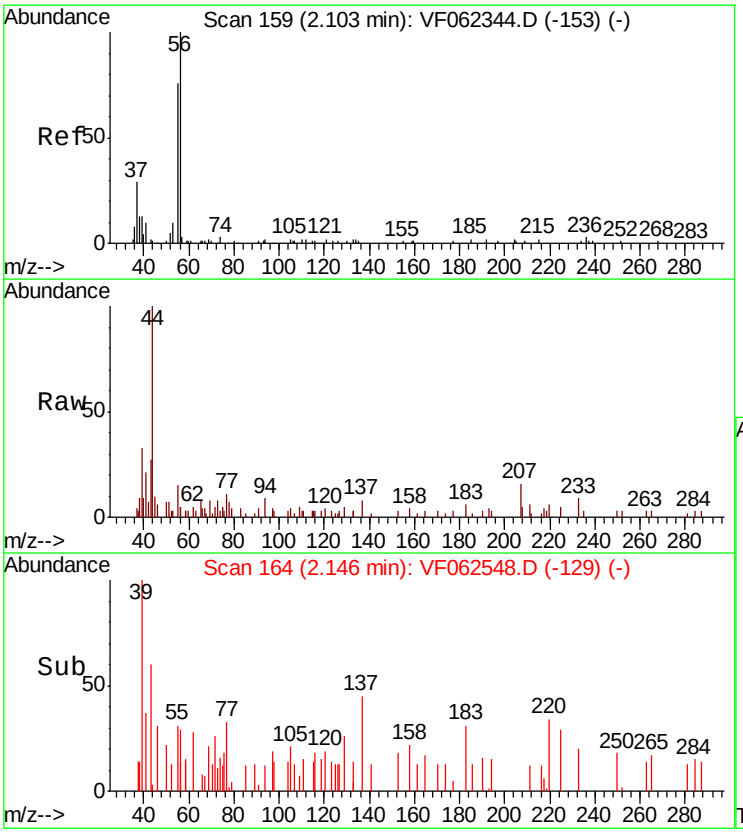
#11
Tert butyl alcohol
Concen: 8.053 ug/l
RT: 2.71 min Scan# 221
Delta R.T. 0.00 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0206-01RE

Tgt Ion: 59 Resp: 1331

Ion	Ratio	Lower	Upper
59	100		
57	10.3	9.3	13.9

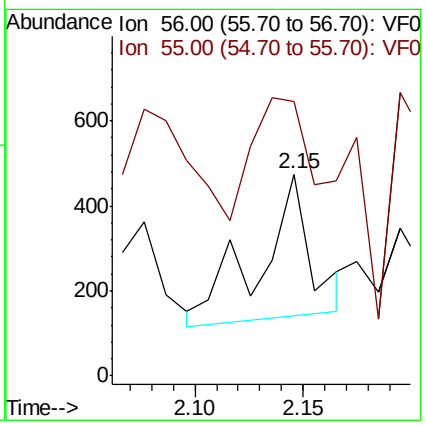


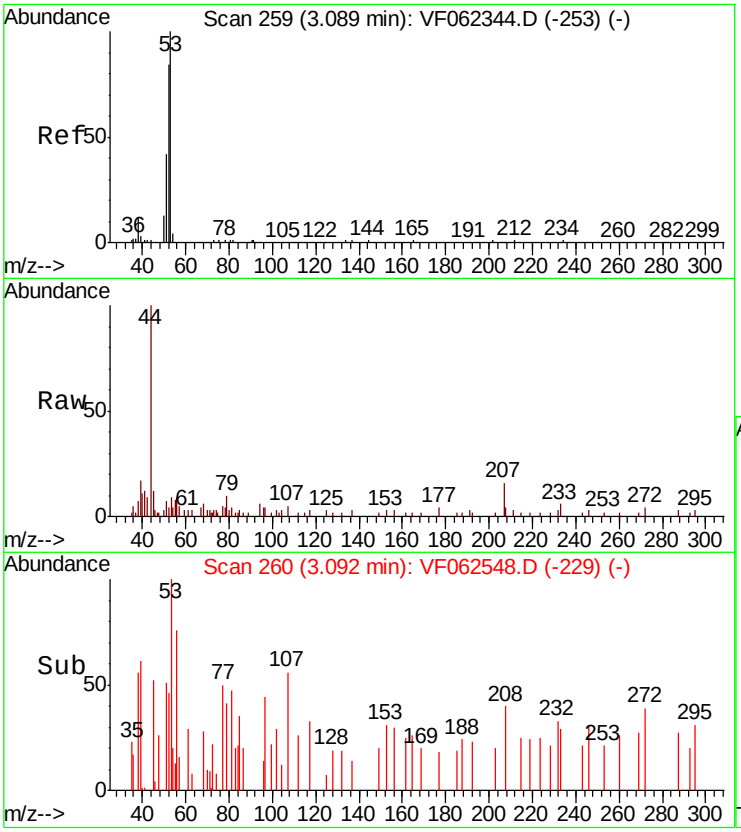


#13
Acrolein
Concen: Below Cal
RT: 2.15 min Scan# 164
Delta R.T. 0.04 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Tgt Ion: 56 Resp: 559

Ion	Ratio	Lower	Upper
56	100		
55	266.0	58.4	87.6#



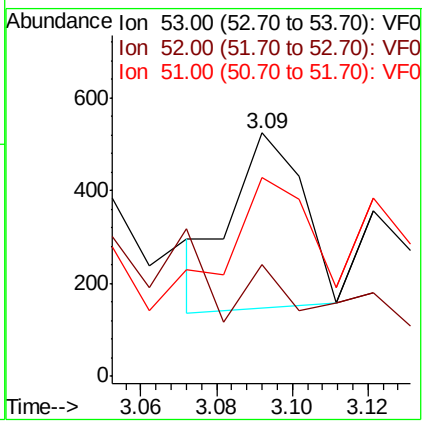


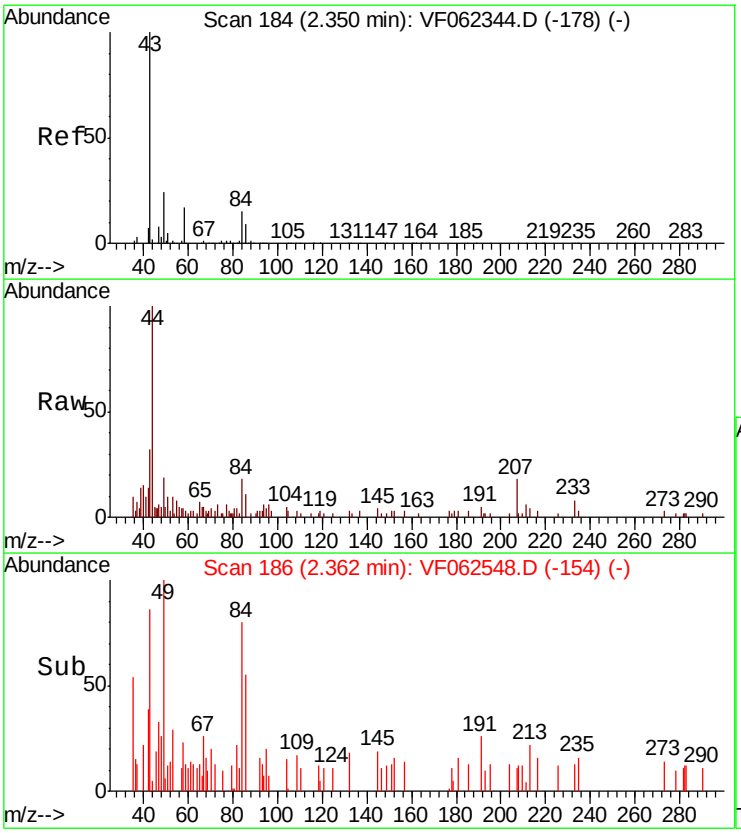
#15
Acrylonitrile
Concen: 1.552 ug/l
RT: 3.09 min Scan# 260
Delta R.T. 0.00 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0206-01RE

Tgt Ion: 53 Resp: 486

Ion	Ratio	Lower	Upper
53	100		
52	178.2	77.2	115.8#
51	89.7	40.6	61.0#

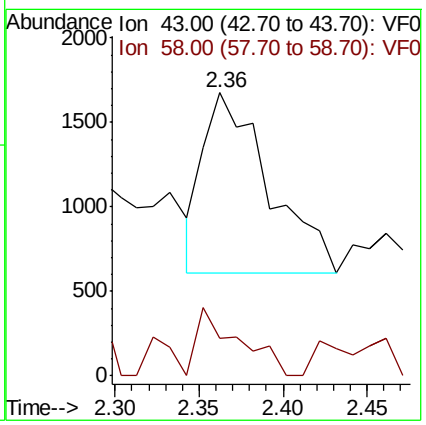


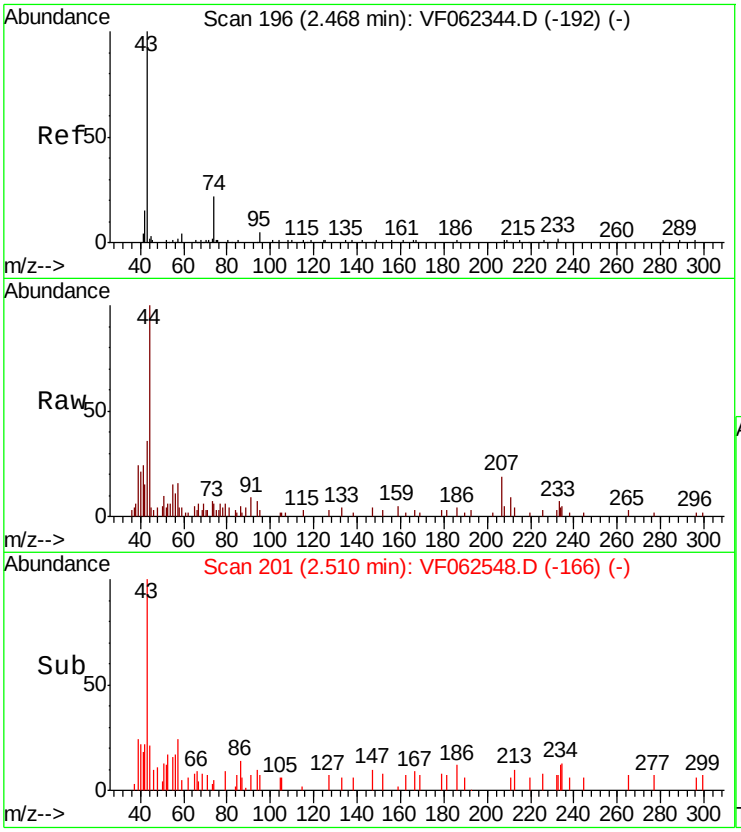


#16
Acetone
Concen: 4.897 ug/l
RT: 2.36 min Scan# 186
Delta R.T. 0.01 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Tgt Ion: 43 Resp: 2897

Ion	Ratio	Lower	Upper
43	100		
58	21.2	13.1	19.7#



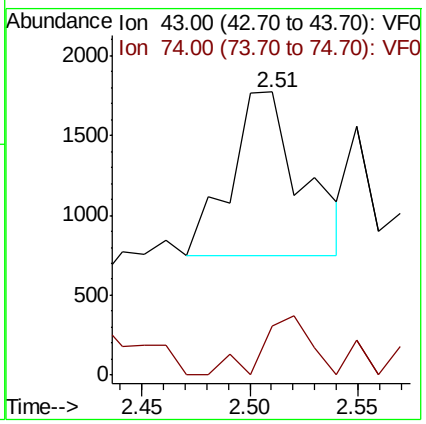


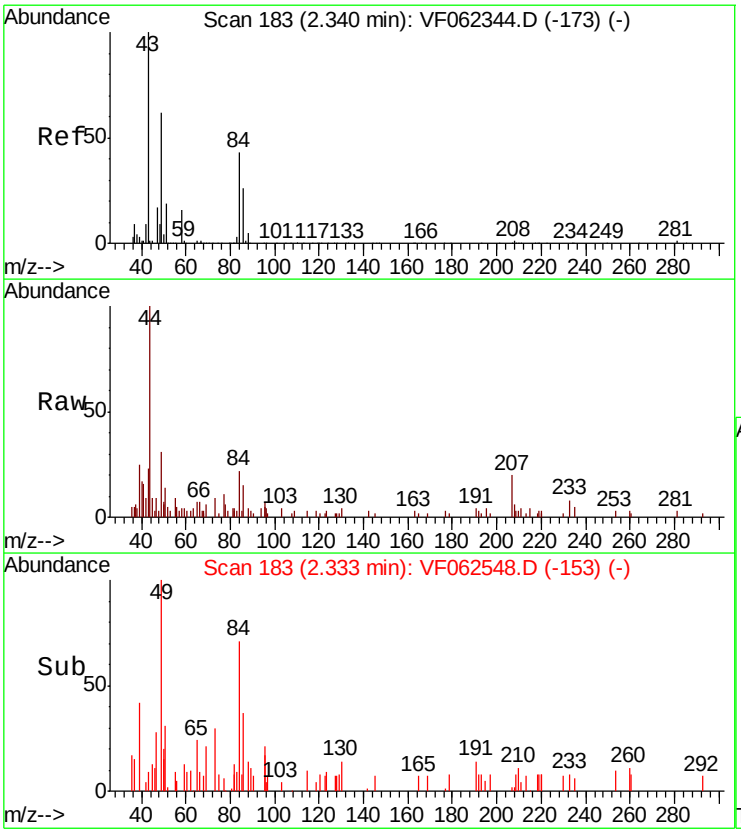
#18
Methyl Acetate
Concen: Below Cal
RT: 2.51 min Scan# 201
Delta R.T. 0.04 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0206-01RE

Tgt Ion: 43 Resp: 2329

Ion	Ratio	Lower	Upper
43	100		
74	24.8	15.0	22.4#

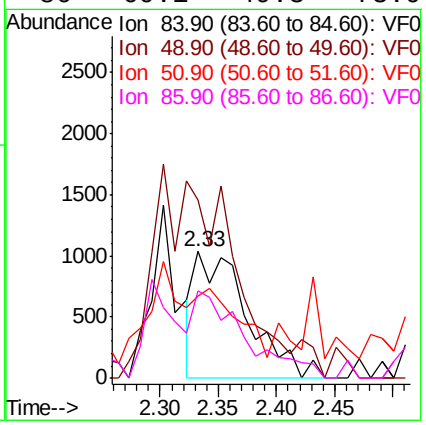


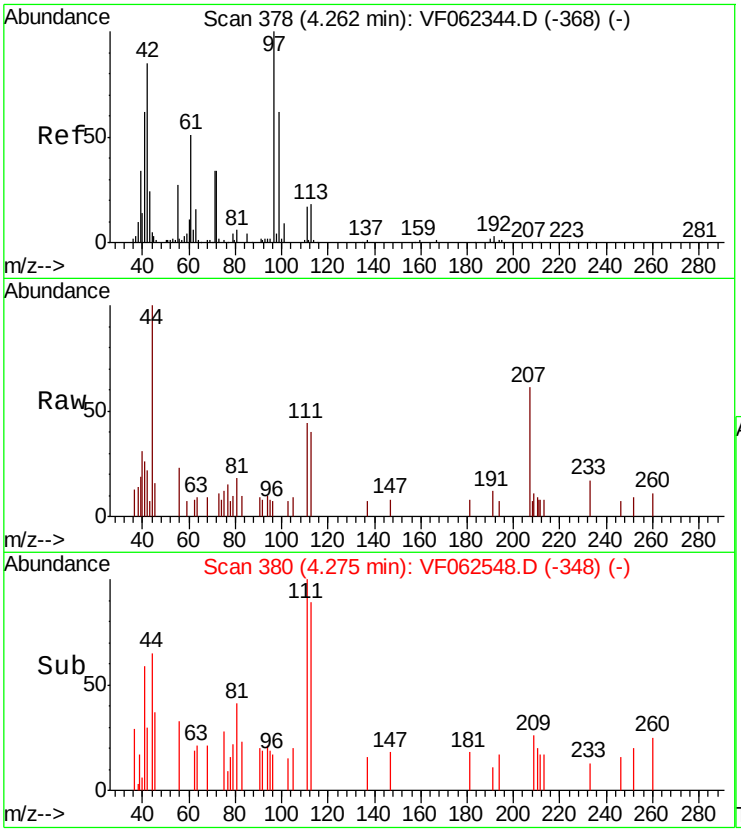


#20
Methylene Chloride
Concen: 1.512 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Tgt Ion: 84 Resp: 3236

Ion	Ratio	Lower	Upper
84	100		
49	116.0	117.5	176.3#
51	32.3	37.0	55.4#
86	69.1	49.3	73.9



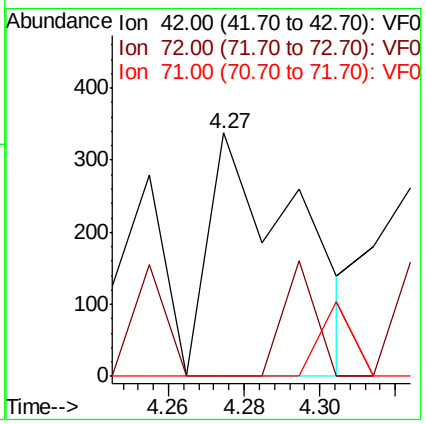


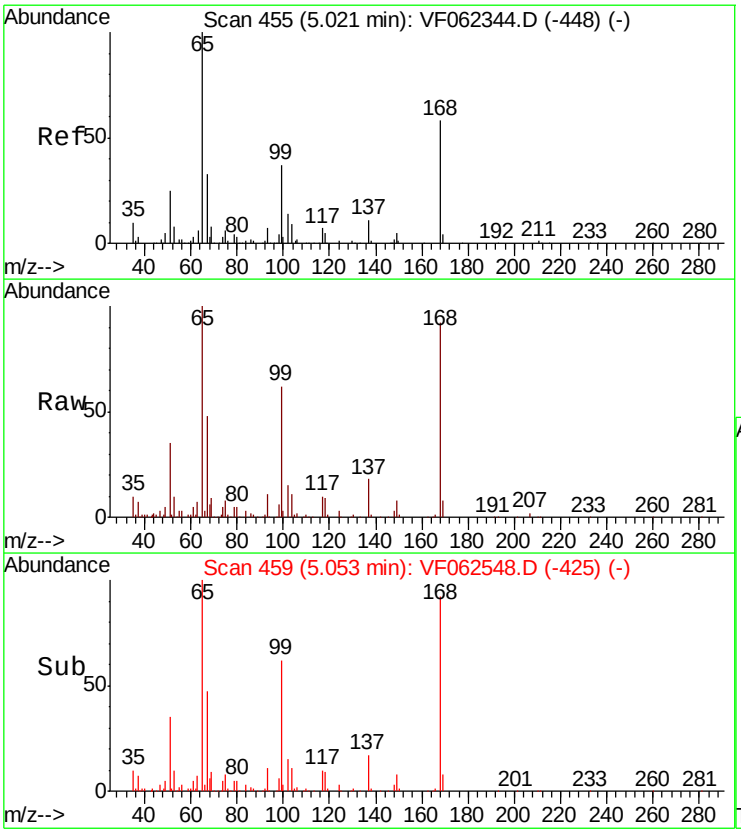
#29
Tetrahydrofuran
Concen: 1.598 ug/l
RT: 4.27 min Scan# 380
Delta R.T. 0.01 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0206-01RE

Tgt Ion: 42 Resp: 546

Ion	Ratio	Lower	Upper
42	100		
72	16.8	31.4	47.0#
71	0.0	31.7	47.5#

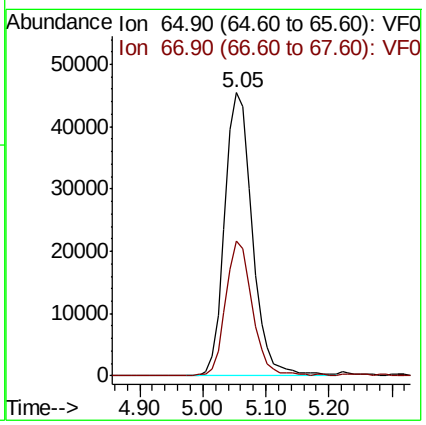


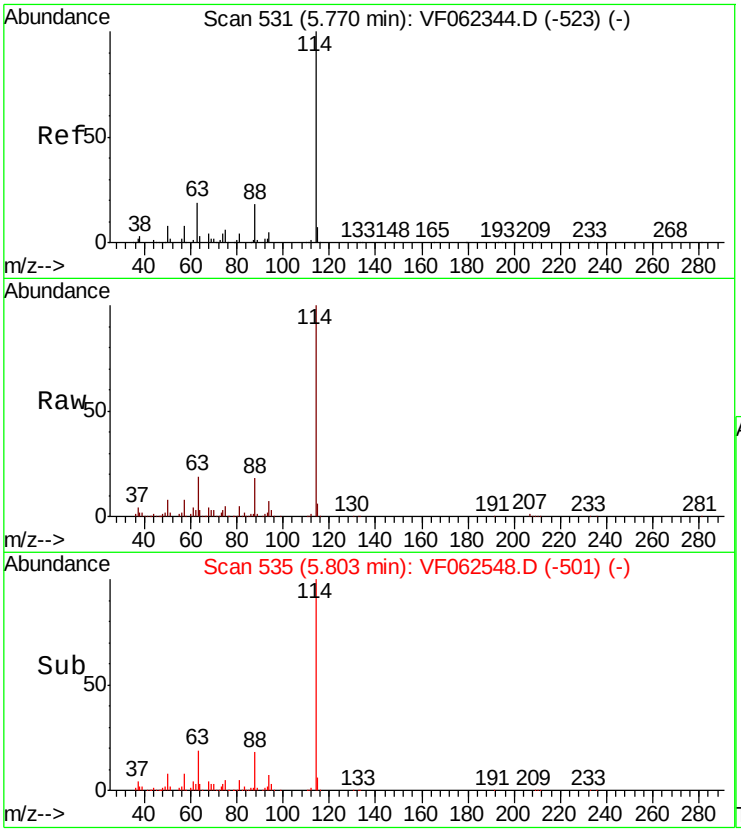


#33
1,2-Dichloroethane-d4
Concen: 47.055 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.03 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Tgt Ion: 65 Resp: 137603

Ion	Ratio	Lower	Upper
65	100		
67	46.2	0.0	85.8



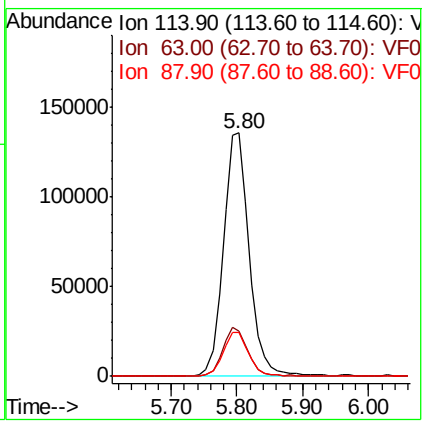


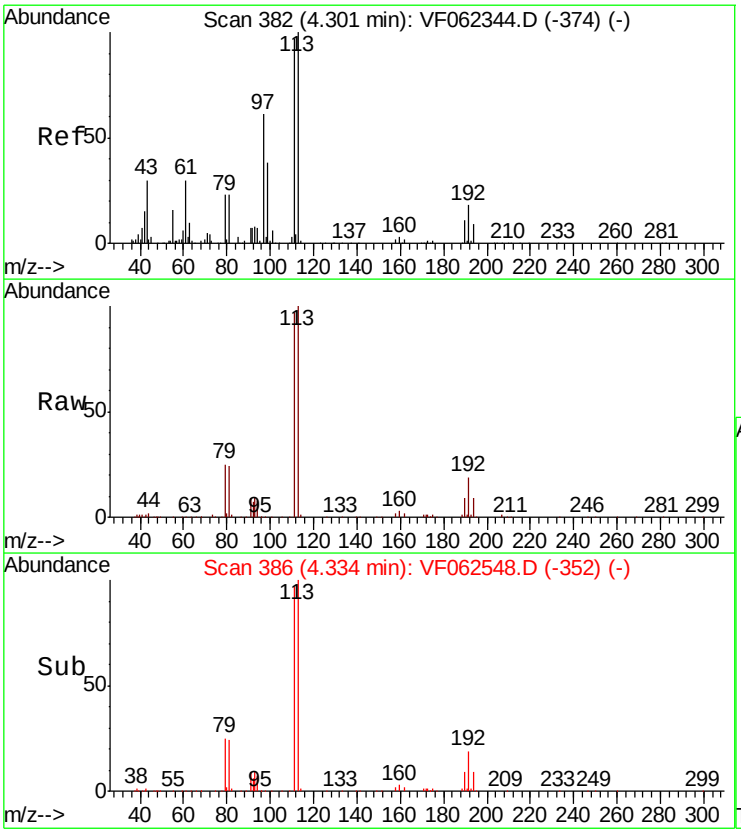
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 535
Delta R.T. 0.03 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0206-01RE

Tgt Ion:114 Resp: 371290

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	37.4
88	17.9	0.0	36.4

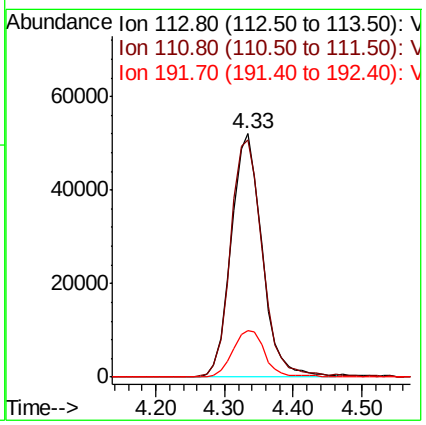


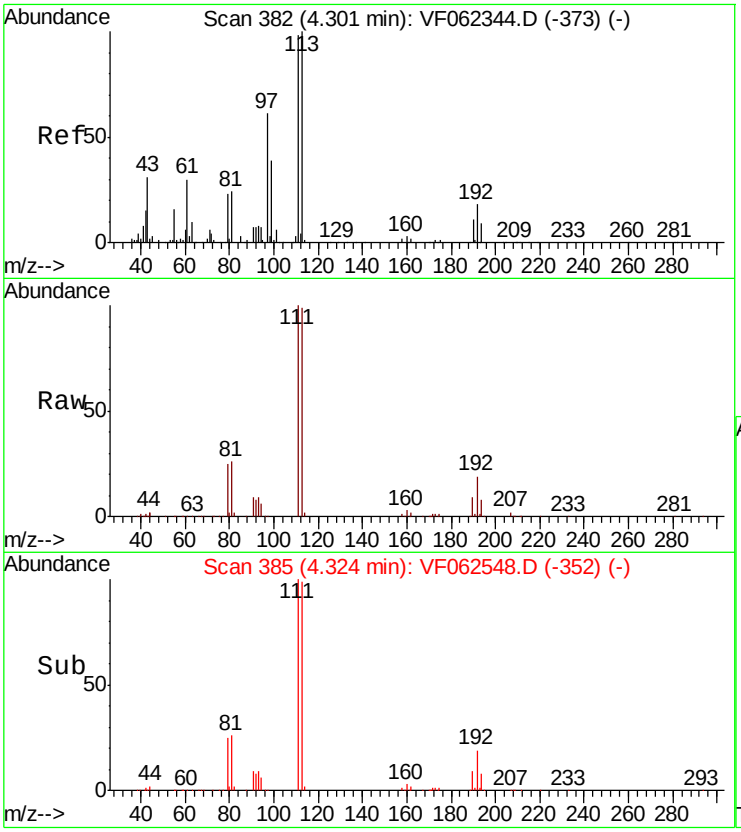


#35
Dibromofluoromethane
Concen: 54.694 ug/l
RT: 4.33 min Scan# 386
Delta R.T. 0.03 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Tgt Ion:113 Resp: 161786

Ion	Ratio	Lower	Upper
113	100		
111	100.2	79.4	119.0
192	20.1	16.0	24.0



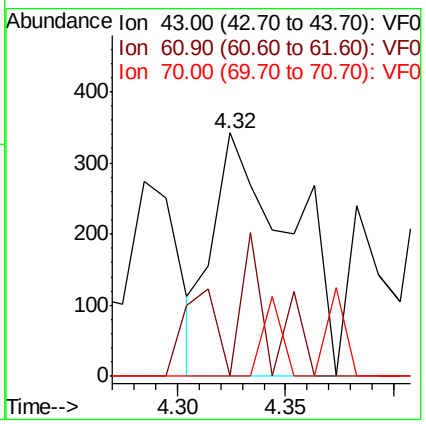


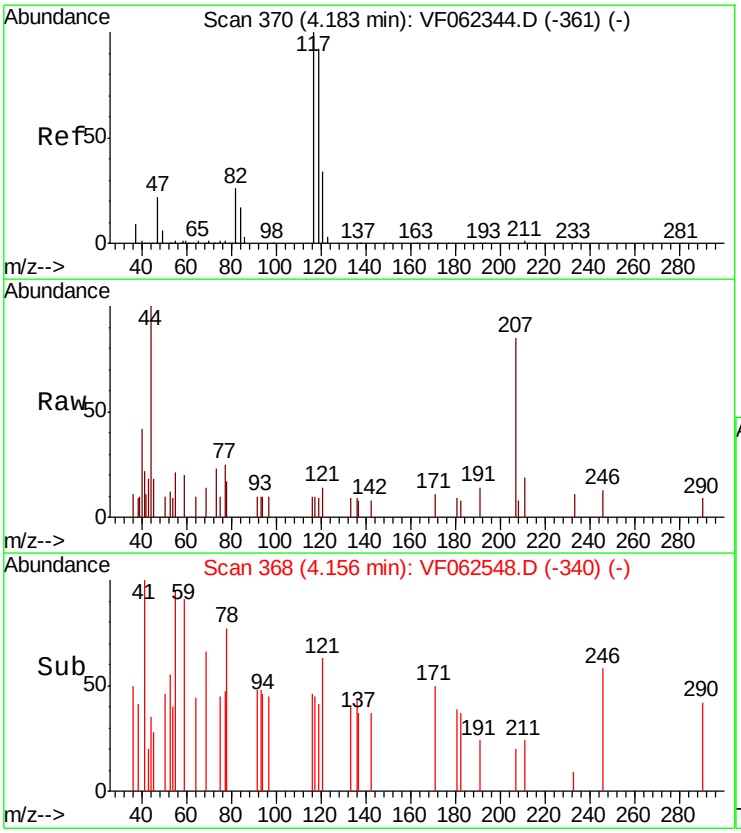
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.32 min Scan# 385
Delta R.T. 0.02 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0206-01RE

Tgt Ion: 43 Resp: 852

Ion	Ratio	Lower	Upper
43	100		
61	22.3	0.0	0.0#
70	7.9	8.2	12.2#

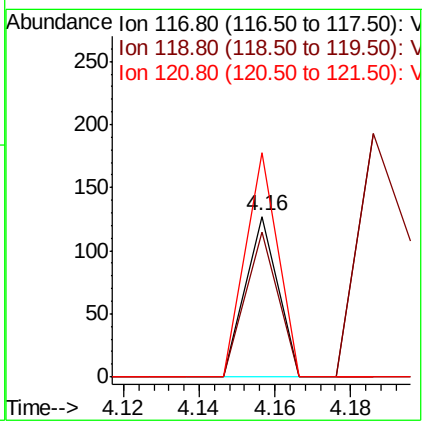


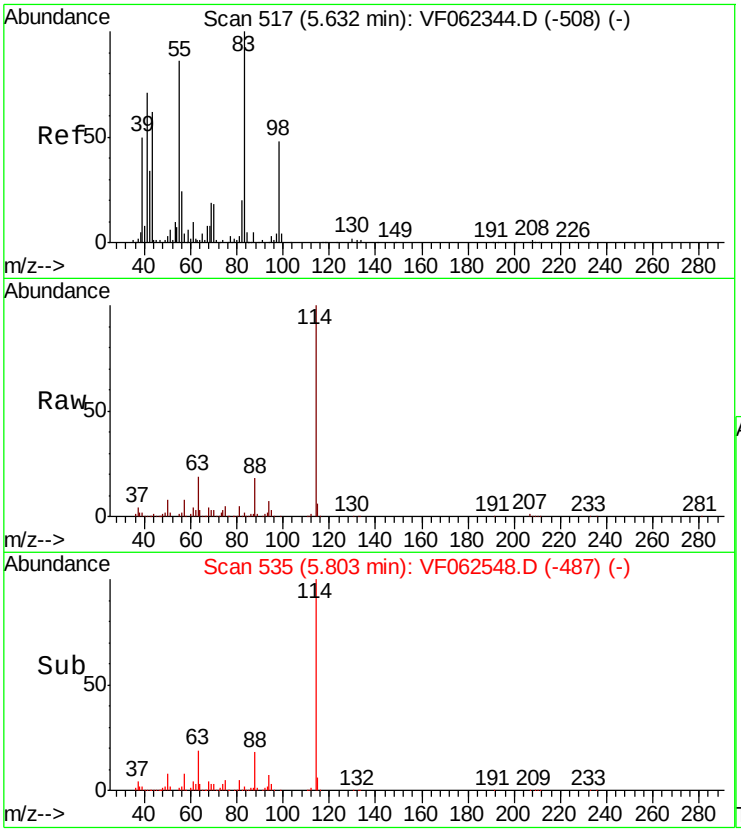


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.16 min Scan# 368
Delta R.T. -0.03 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Tgt Ion:117 Resp: 75

Ion	Ratio	Lower	Upper
117	100		
119	90.6	73.4	110.2
121	140.2	27.4	41.0#



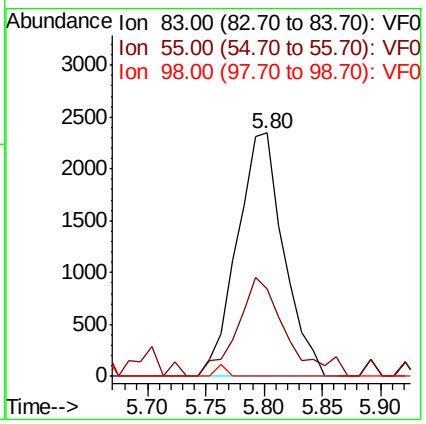


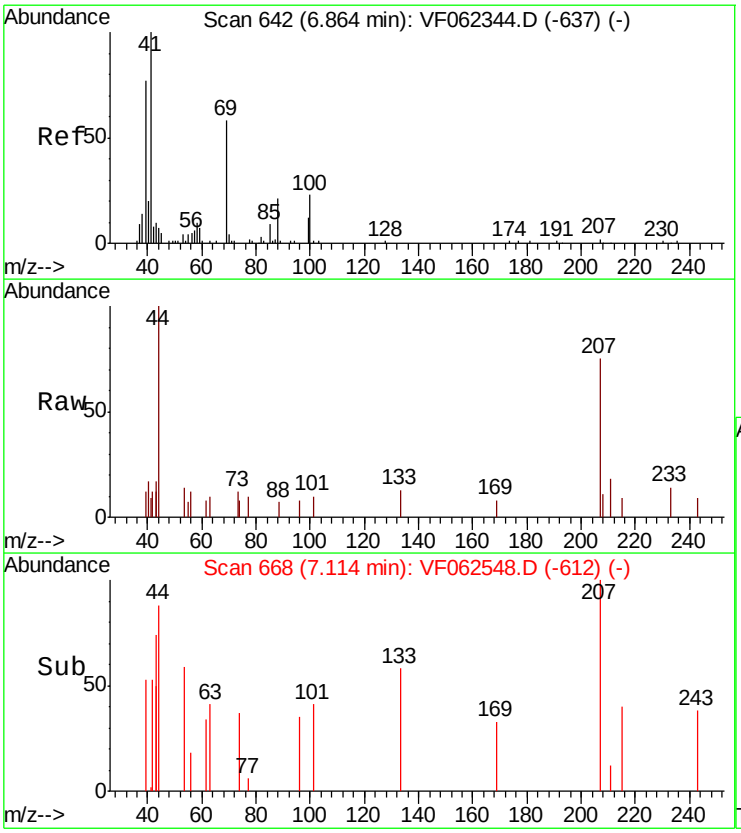
#39
Methylcyclohexane
Concen: 2.033 ug/l
RT: 5.80 min Scan# 535
Delta R.T. 0.17 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0206-01RE

Tgt Ion: 83 Resp: 6503

Ion	Ratio	Lower	Upper
83	100		
55	36.0	69.0	103.6#
98	0.0	38.6	58.0#

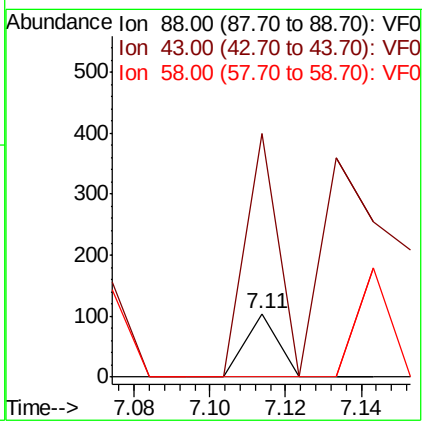


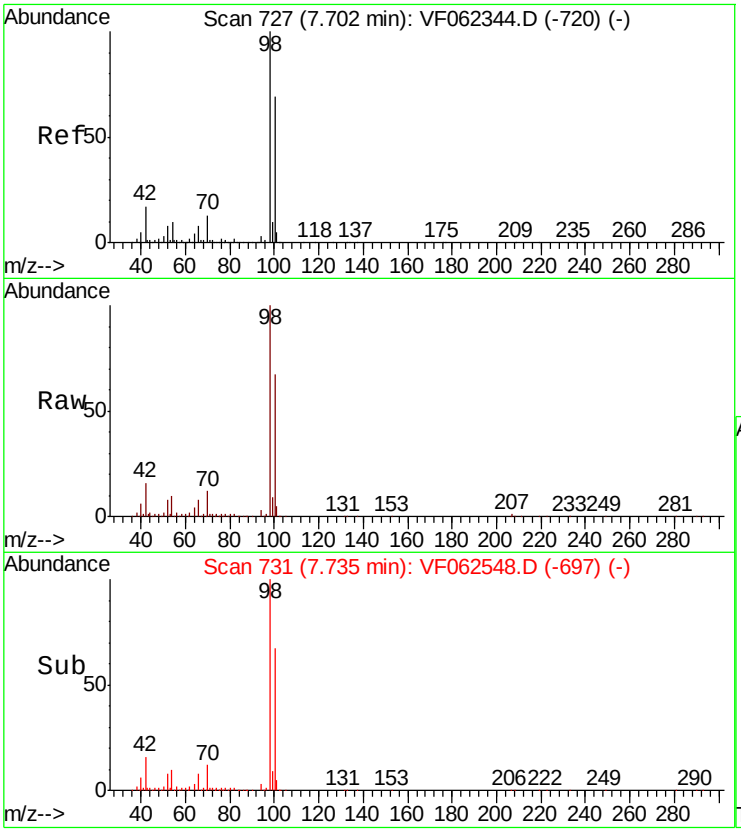


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.11 min Scan# 668
Delta R.T. 0.25 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	380.6	55.6	83.4#
58	0.0	52.8	79.2#



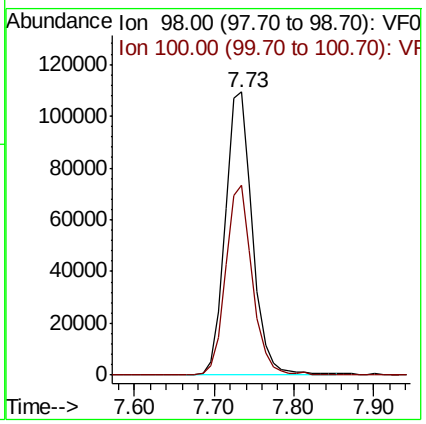


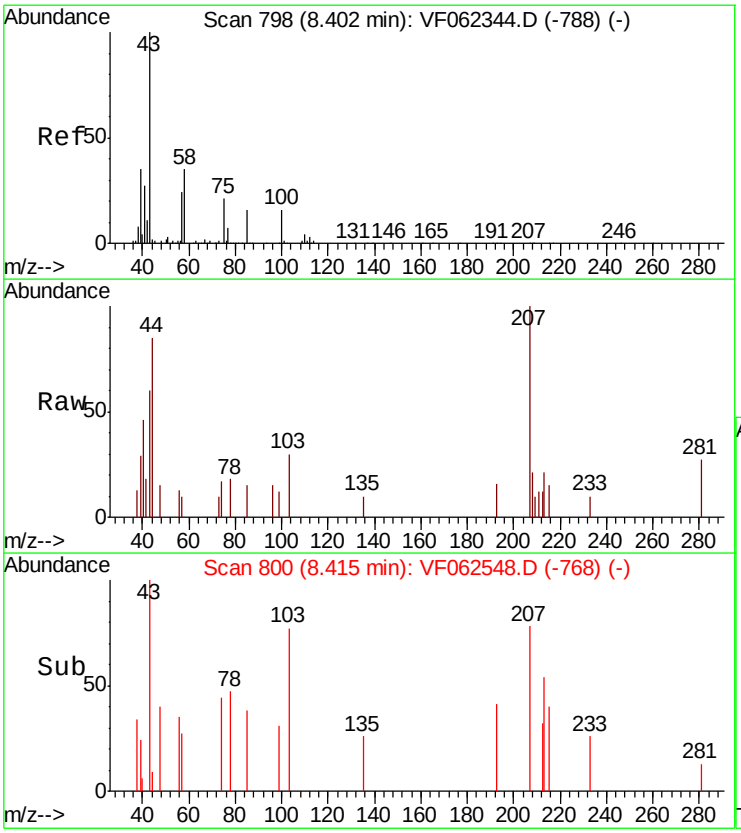
#50
Toluene-d8
Concen: 36.440 ug/l
RT: 7.73 min Scan# 731
Delta R.T. 0.03 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0206-01RE

Tgt Ion: 98 Resp: 260921

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.3	79.9

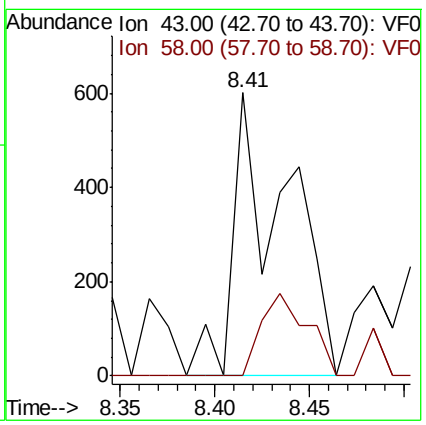


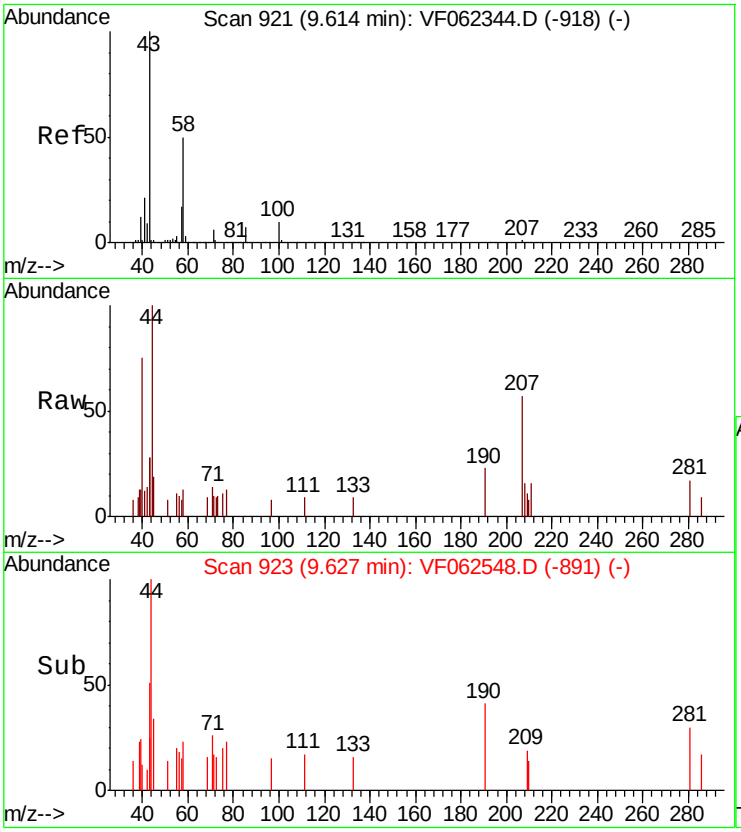


#51
4-Methyl-2-Pentanone
Concen: 1.080 ug/l
RT: 8.41 min Scan# 800
Delta R.T. 0.01 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Tgt Ion: 43 Resp: 1187

Ion	Ratio	Lower	Upper
43	100		
58	25.2	27.8	41.6#



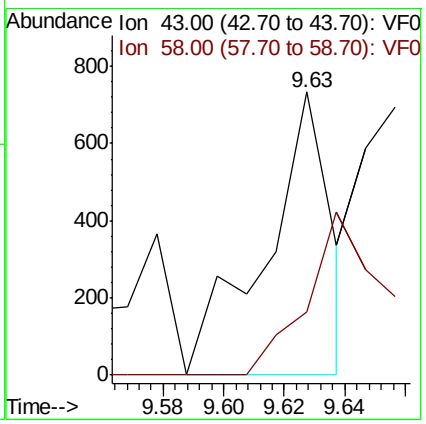


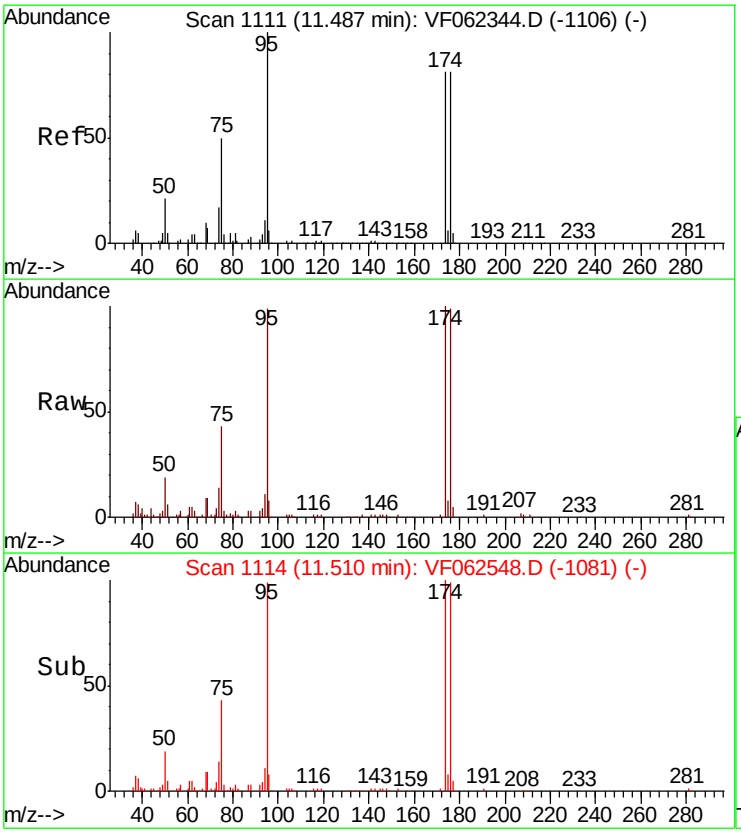
#59
2-Hexanone
Concen: 1.443 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.01 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0206-01RE

Tgt Ion: 43 Resp: 1097

Ion	Ratio	Lower	Upper
43	100		
58	69.4	24.3	73.0

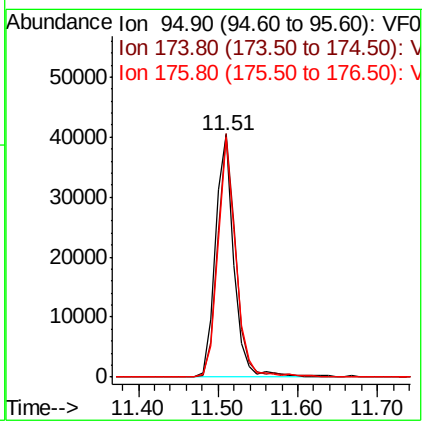


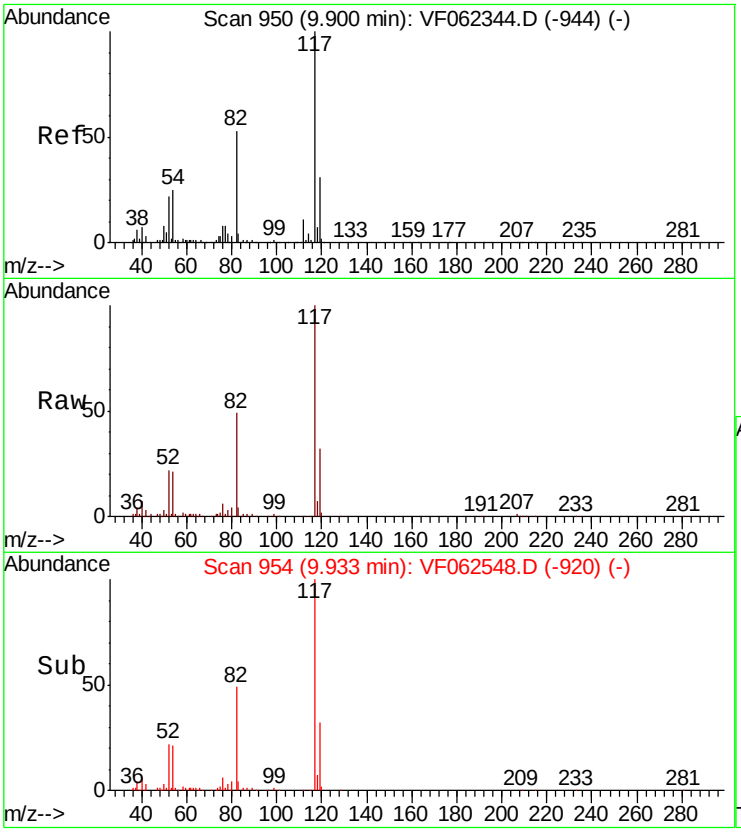


#62
4-Bromofluorobenzene
Concen: 20.578 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Tgt Ion: 95 Resp: 66478

Ion	Ratio	Lower	Upper
95	100		
174	98.8	0.0	191.8
176	96.2	0.0	193.2



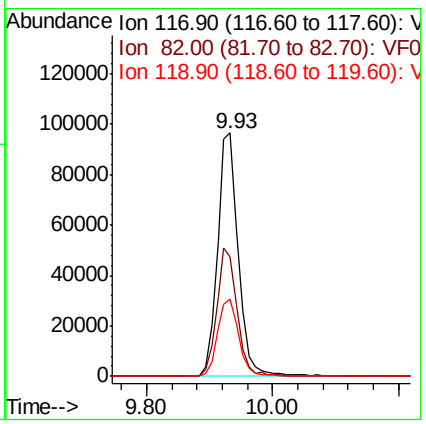


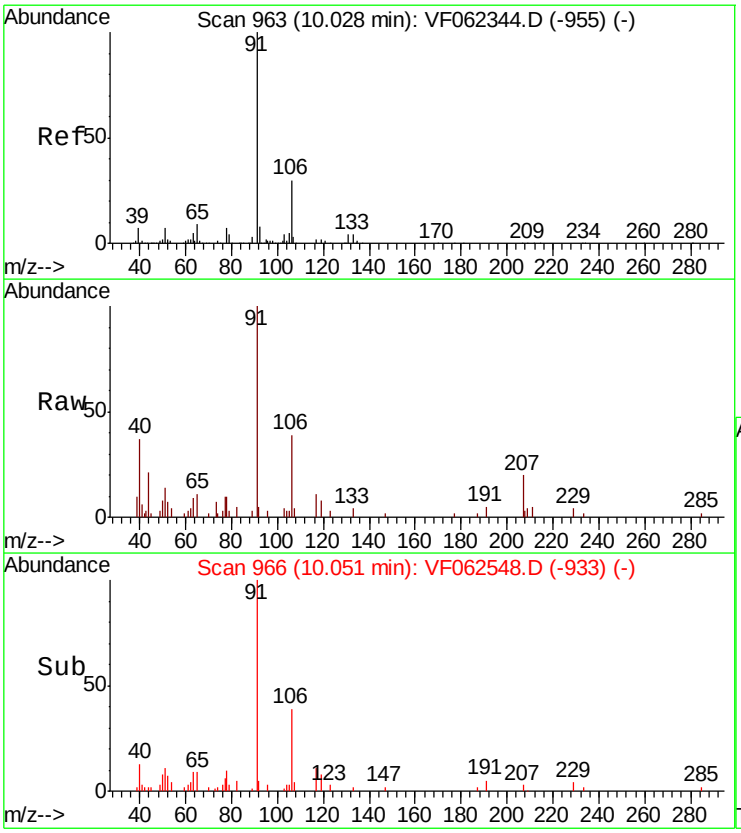
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.03 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0206-01RE

Tgt Ion:117 Resp: 222154

Ion	Ratio	Lower	Upper
117	100		
82	49.2	42.2	63.2
119	31.7	25.0	37.4

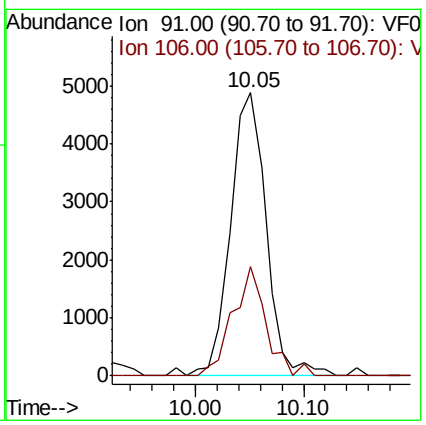


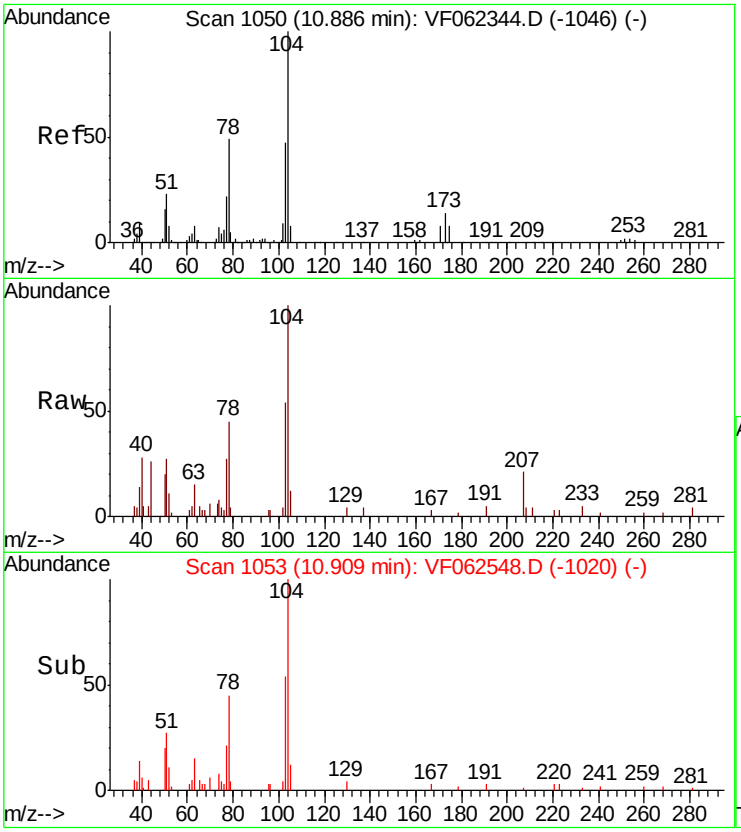


#67
Ethyl Benzene
Concen: 1.740 ug/l
RT: 10.05 min Scan# 966
Delta R.T. 0.02 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Tgt Ion: 91 Resp: 11199

Ion	Ratio	Lower	Upper
91	100		
106	38.8	24.1	36.1#



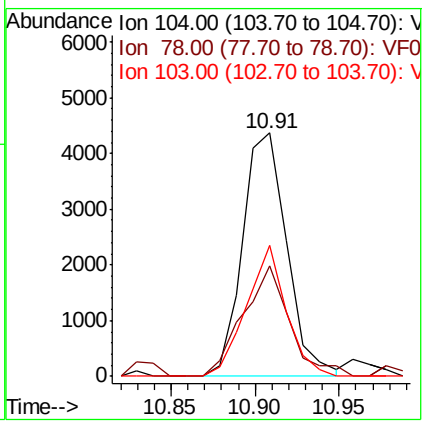


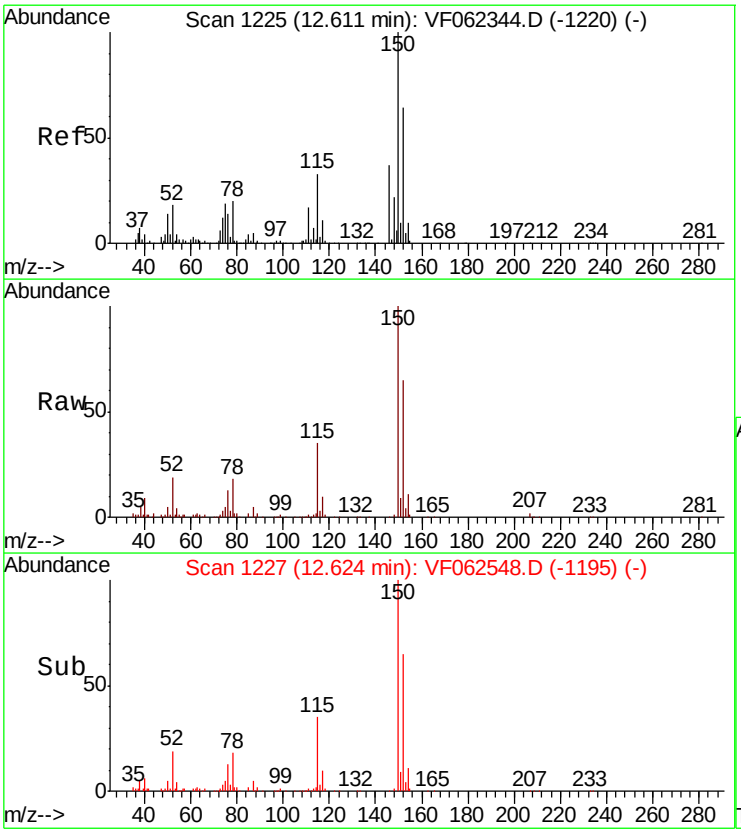
#70
Stvrene
Concen: 2.074 ug/l
RT: 10.91 min Scan# 1053
Delta R.T. 0.02 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0206-01RE

Tgt Ion:104 Resp: 7976

Ion	Ratio	Lower	Upper
104	100		
78	47.9	39.5	59.3
103	48.6	38.4	57.6

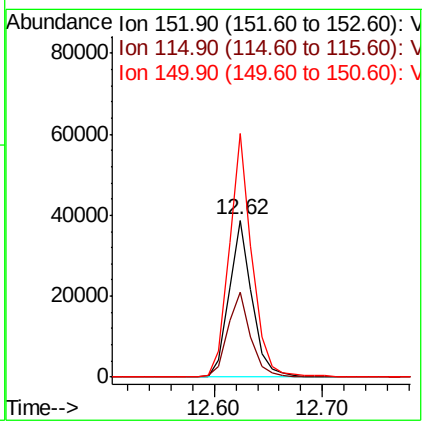


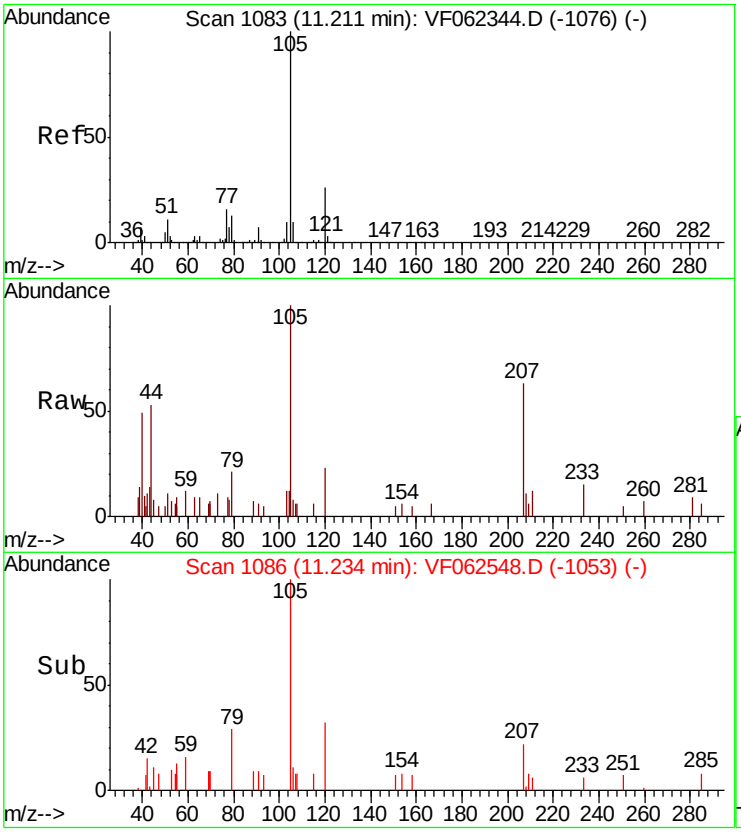


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Tgt Ion:152 Resp: 57045

Ion	Ratio	Lower	Upper
152	100		
115	54.7	26.4	79.2
150	154.1	0.0	335.0



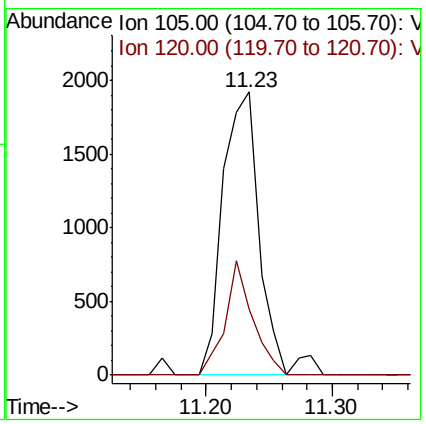


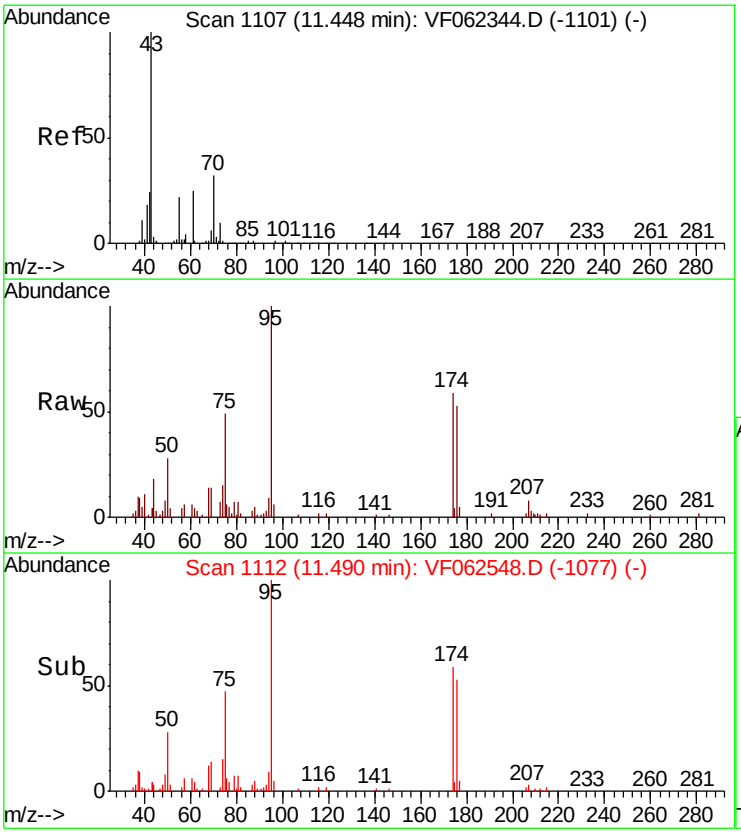
#73
Isopropylbenzene
Concen: 1.156 ug/l
RT: 11.23 min Scan# 1086
Delta R.T. 0.02 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0206-01RE

Tgt Ion:105 Resp: 3911

Ion	Ratio	Lower	Upper
105	100		
120	29.8	12.7	38.0

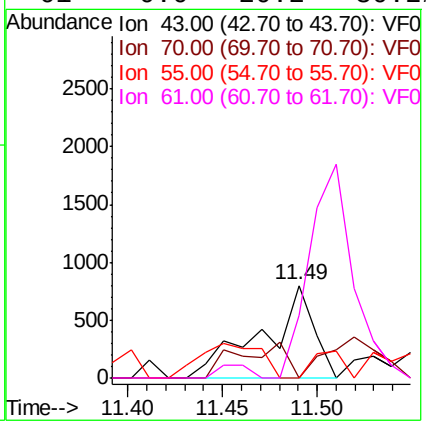


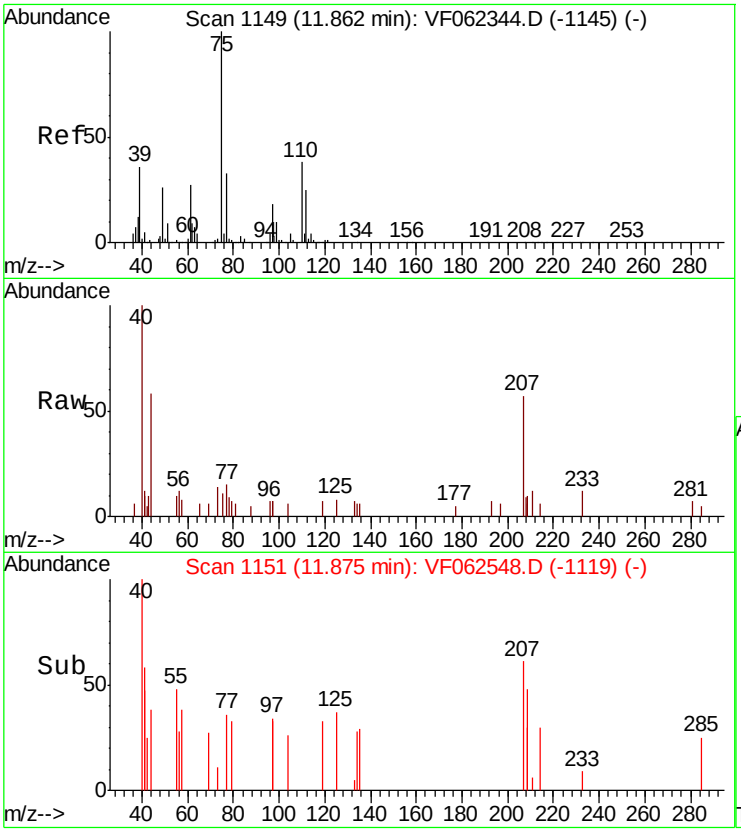


#74
N-amyl acetate
Concen: 2.065 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. 0.04 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Tgt Ion: 43 Resp: 1499

Ion	Ratio	Lower	Upper
43	100		
70	36.5	26.5	39.7
55	0.0	17.8	26.6#
61	0.0	20.2	30.2#



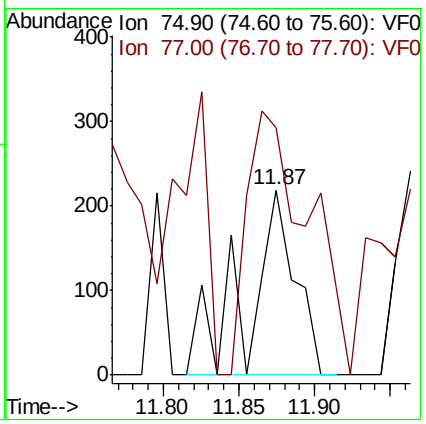


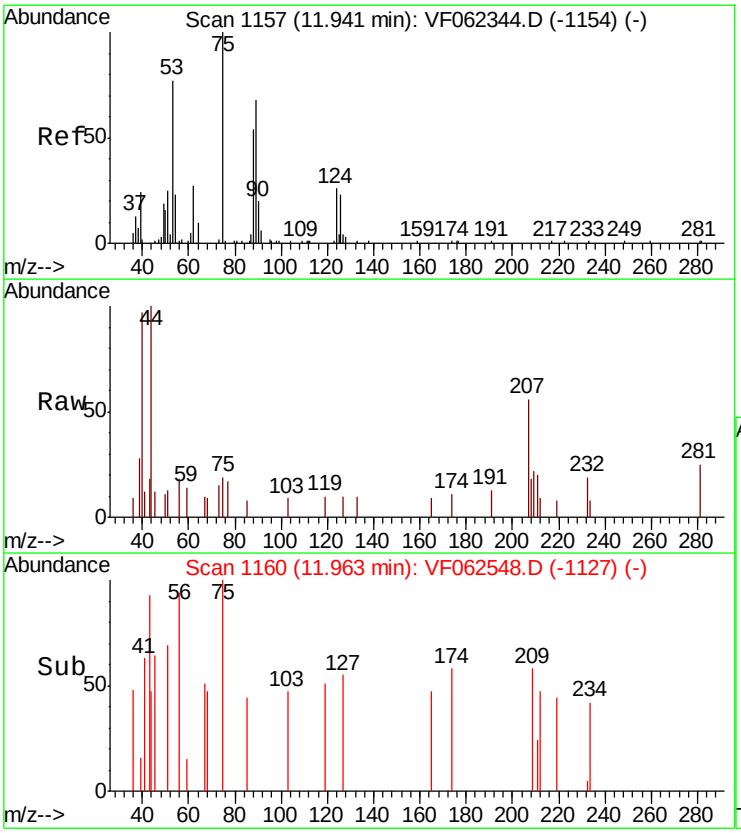
#76
1,2,3-Trichloropropane
Concen: 1.208 ug/l
RT: 11.87 min Scan# 1151
Delta R.T. 0.01 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0206-01RE

Tgt Ion: 75 Resp: 488

Ion	Ratio	Lower	Upper
75	100		
77	181.1	0.0	0.0#

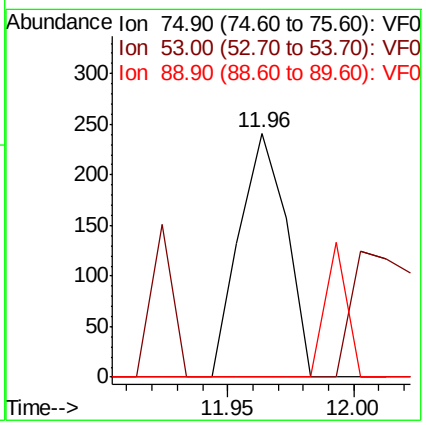


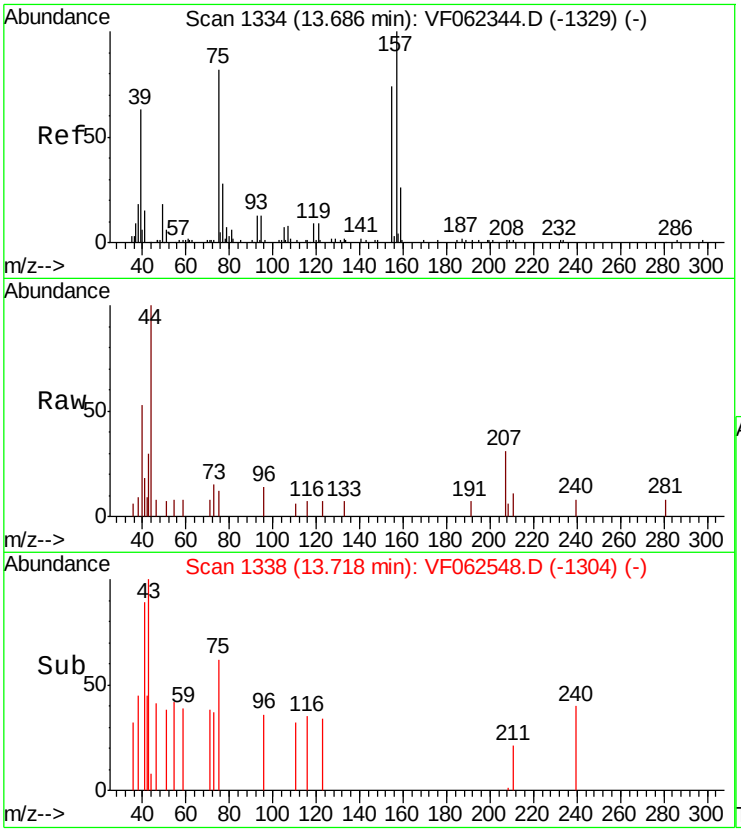


#81
trans-1,4-Dichloro-2-butene
Concen: 2.068 ug/l
RT: 11.96 min Scan# 1160
Delta R.T. 0.02 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Tgt Ion: 75 Resp: 314

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



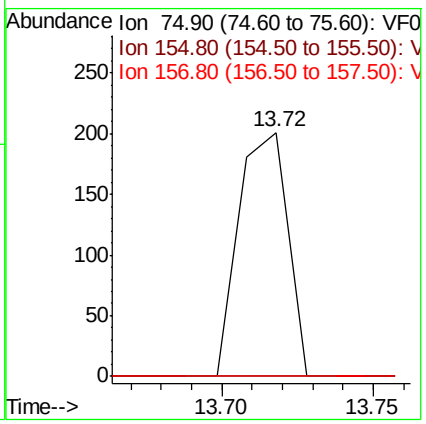


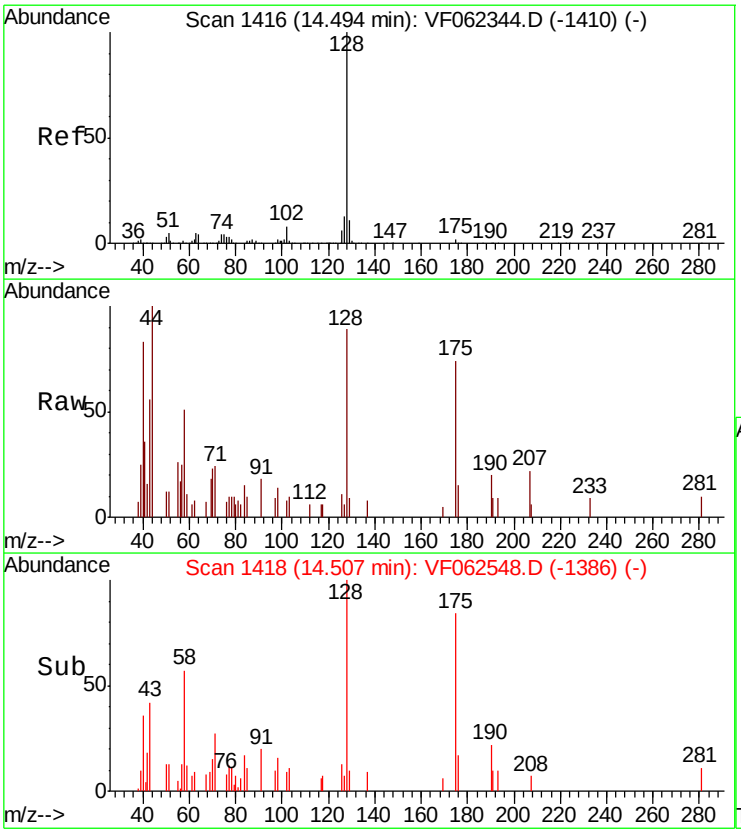
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.905 ug/l
RT: 13.72 min Scan# 1338
Delta R.T. 0.03 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0206-01RE

Tgt Ion: 75 Resp: 226

Ion	Ratio	Lower	Upper
75	100		
155	0.0	51.8	155.4#
157	0.0	67.3	201.8#





#95
Naphthalene
Concen: 1.237 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. 0.01 min
Lab File: VF062548.D
Acq: 13 May 2019 18:15

Tgt Ion:128 Resp: 2618

Ion	Ratio	Lower	Upper
128	100		
127	8.6	10.5	15.7#
129	9.9	8.6	12.8