Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062578.D
Acq On : 14 May 2019 9:38
Operator : FY/SY
Sample : K2757-06
Misc : 6.66g/5mL/MSVOA_F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P021-SS010-0002-01

Quant Time: May 14 11:05:48 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	89235	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.79	114	92944	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	57839	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	17327	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	18832	22.33	ug/l	0.03
Spiked Amount 50.000			Recovery = 44.66%			
35) Dibromofluoromethane	4.32	113	27923	37.71	ug/l	0.02
Spiked Amount 50.000			Recovery = 75.42%			
50) Toluene-d8	7.73	98	62132	34.66	ug/l	0.02
Spiked Amount 50.000			Recovery = 69.32%			
62) 4-Bromofluorobenzene	11.50	95	15727	19.45	ug/l	0.01
Spiked Amount 50.000			Recovery = 38.90%			
Target Compounds						Qvalue
5) Bromomethane	1.38	94	292	Below Cal		83
8) Diethyl Ether	1.89	74	594	2.785	ug/l	75
11) Tert butyl alcohol	2.72	59	329	6.903	ug/l #	12
12) 1,1-Dichloroethene	1.86	96	1016	1.485	ug/l #	1
13) Acrolein	2.14	56	221	Below Cal	#	1
15) Acrylonitrile	3.14	53	208	2.304	ug/l #	23
16) Acetone	2.36	43	3427	20.089	ug/l	95
18) Methyl Acetate	2.47	43	221	Below Cal	#	58
25) 2-Butanone	4.58	43	286	1.334	ug/l #	60
29) Tetrahydrofuran	4.30	42	264	2.680	ug/l #	50
37) Ethyl Acetate	4.30	43	296	Below Cal	#	73
38) Carbon Tetrachloride	4.17	117	170	Below Cal	#	14
41) Methacrylonitrile	4.99	41	352	1.839	ug/l #	1
48) Methyl methacrylate	6.91	41	265	1.033	ug/l #	17
49) 1,4-Dioxane	7.07	88	78	16.702	ug/l #	1
51) 4-Methyl-2-Pentanone	8.51	43	472	1.715	ug/l	92
58) 2-Chloroethyl Vinyl ether	7.73	63	212	1.940	ug/l	95
59) 2-Hexanone	9.64	43	502	2.638	ug/l	67
74) N-amyl acetate	11.44	43	282	1.279	ug/l #	53
76) 1,2,3-Trichloropropane	11.86	75	247	2.013	ug/l #	100
81) trans-1,4-Dichloro-2-buten	11.98	75	63	1.366	ug/l #	72
92) 1,2-Dibromo-3-Chloropropan	13.78	75	91	2.526	ug/l #	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062578.D
Acq On : 14 May 2019 9:38
Operator : FY/SY
Sample : K2757-06
Misc : 6.66g/5mL/MSVOA_F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0002-01

Quant Time: May 14 11:05:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
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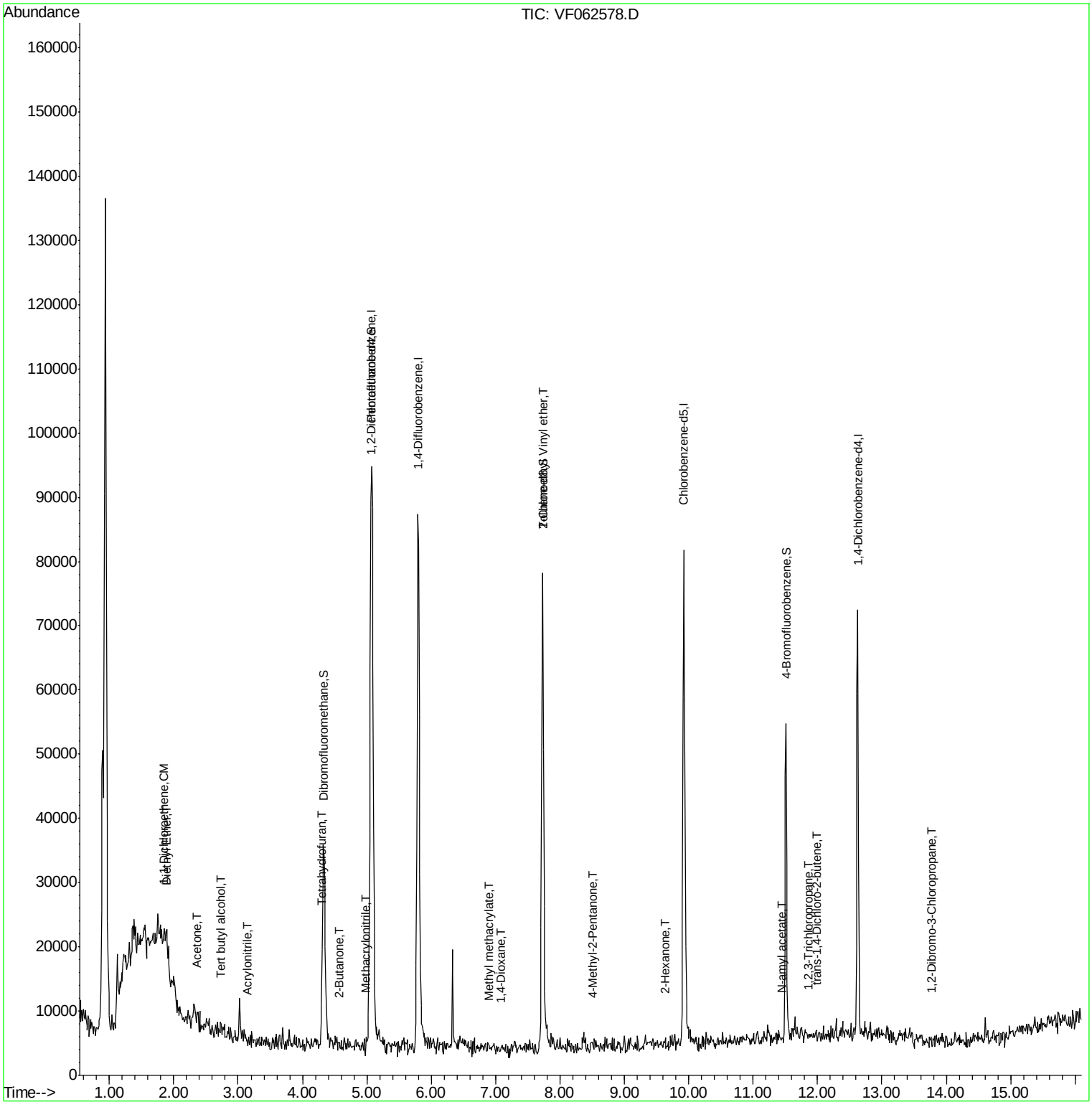
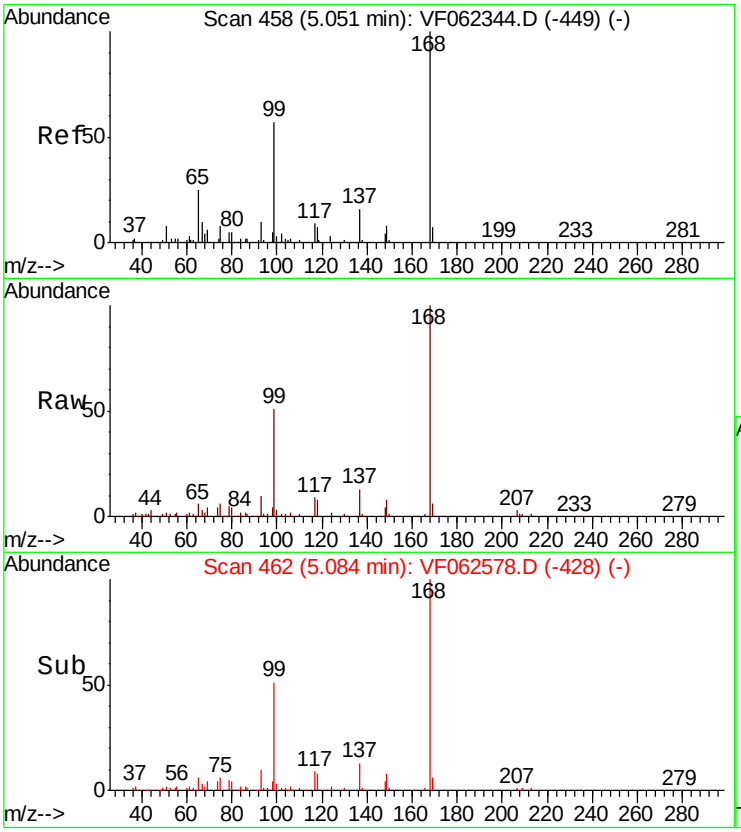


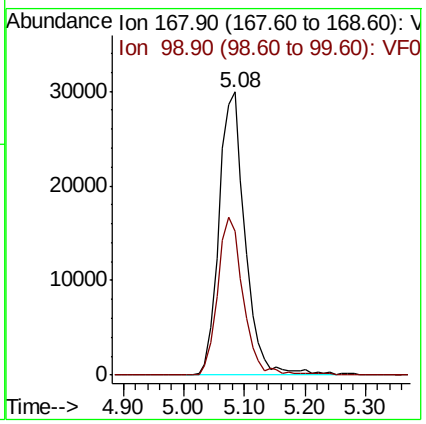


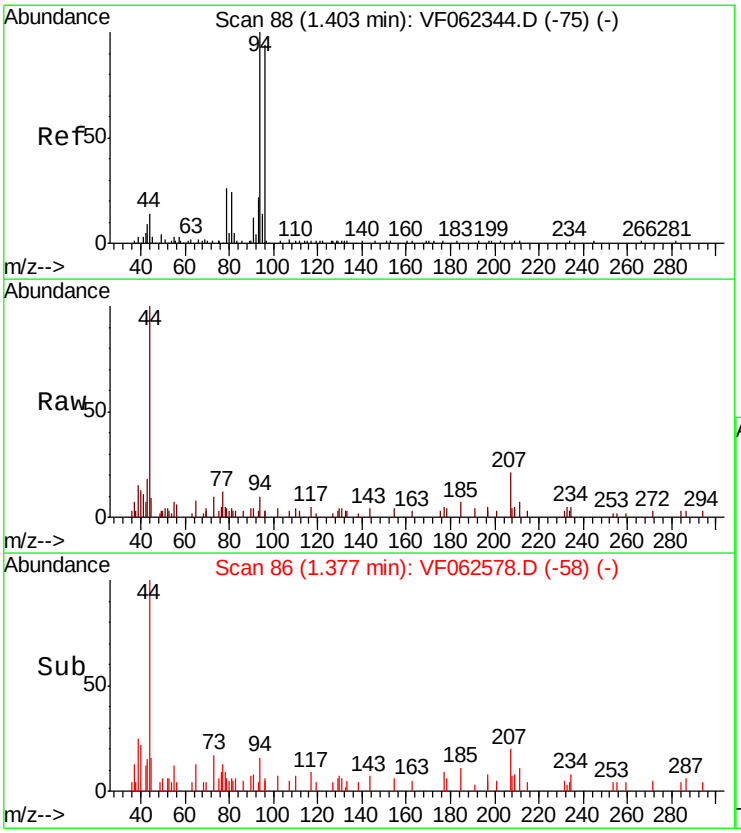
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 462
Delta R.T. 0.03 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0002-01

Tgt Ion:168 Resp: 89235

Ion	Ratio	Lower	Upper
168	100		
99	51.0	45.9	68.9

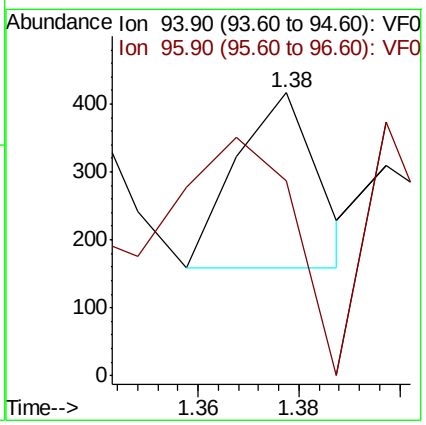


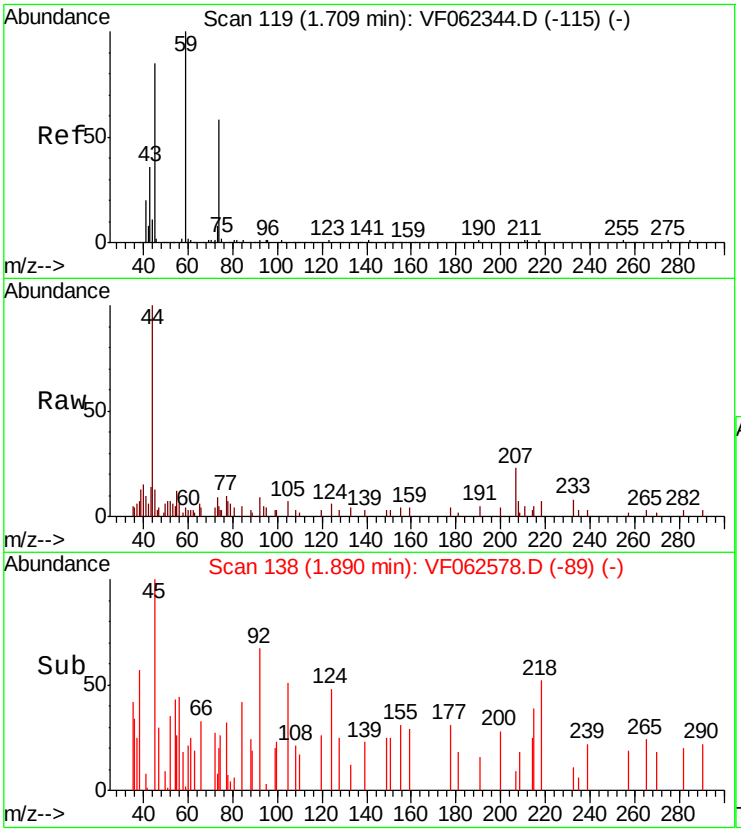


#5
Bromomethane
Concen: Below Cal
RT: 1.38 min Scan# 86
Delta R.T. -0.03 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Tgt Ion: 94 Resp: 292

Ion	Ratio	Lower	Upper
94	100		
96	110.4	75.4	113.2



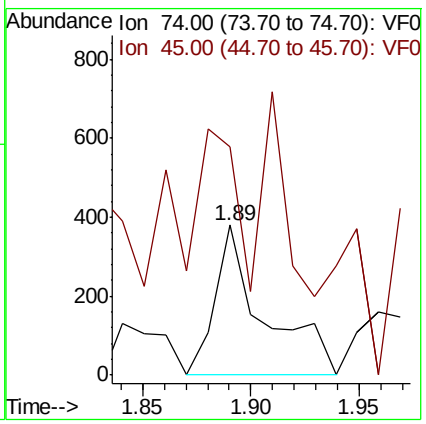


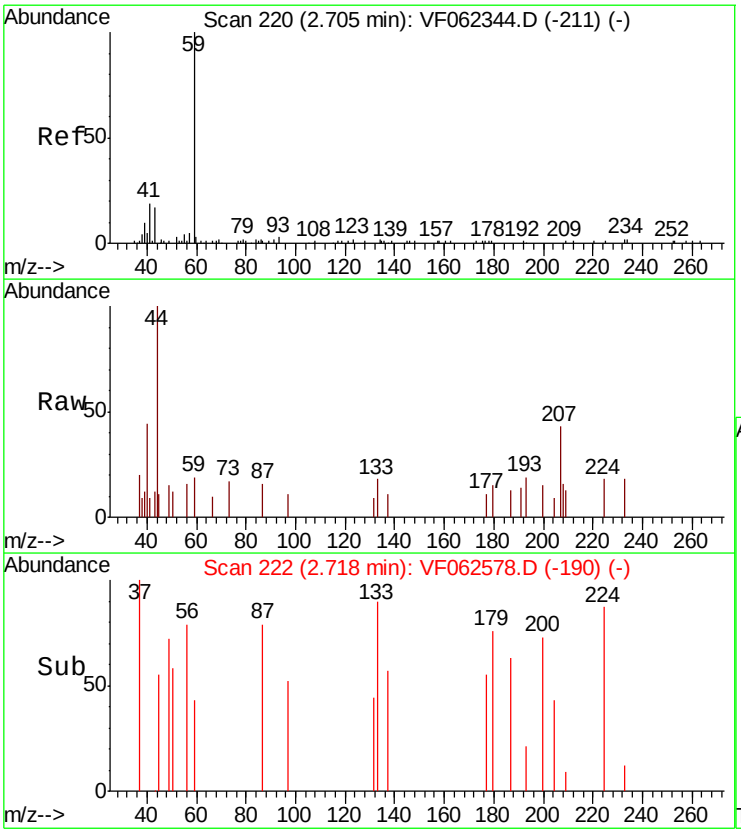
#8
Diethyl Ether
Concen: 2.785 ug/l
RT: 1.89 min Scan# 138
Delta R.T. 0.18 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0002-01

Tgt Ion: 74 Resp: 594

Ion	Ratio	Lower	Upper
74	100		
45	115.7	73.9	221.6

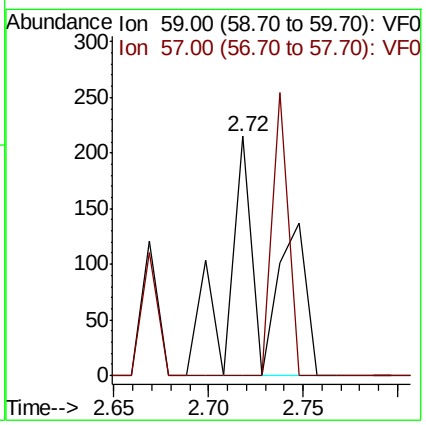


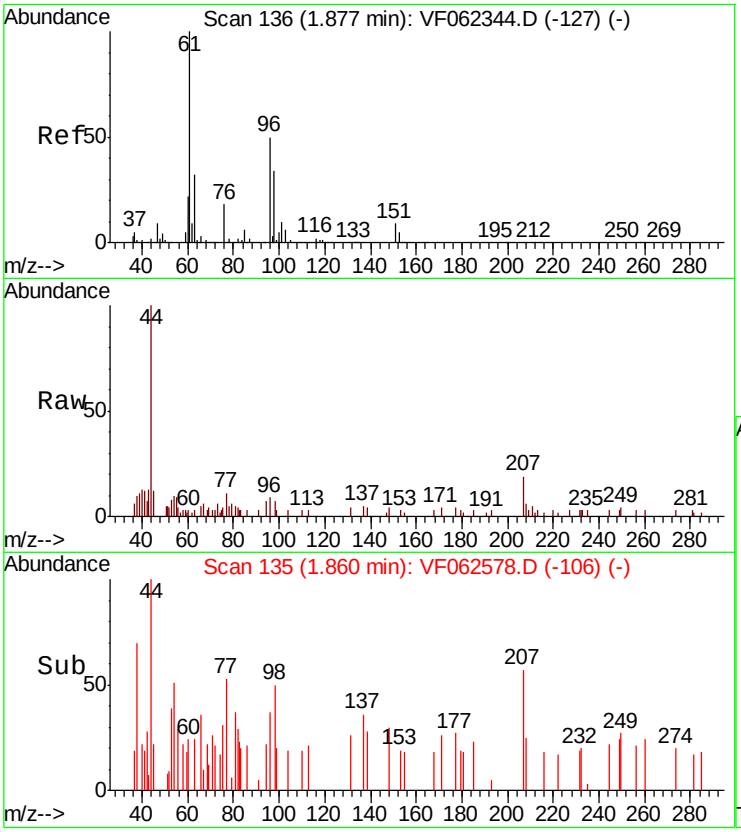


#11
Tert butyl alcohol
Concen: 6.903 ug/l
RT: 2.72 min Scan# 222
Delta R.T. 0.01 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Tgt Ion: 59 Resp: 329

Ion	Ratio	Lower	Upper
59	100		
57	45.6	9.3	13.9#



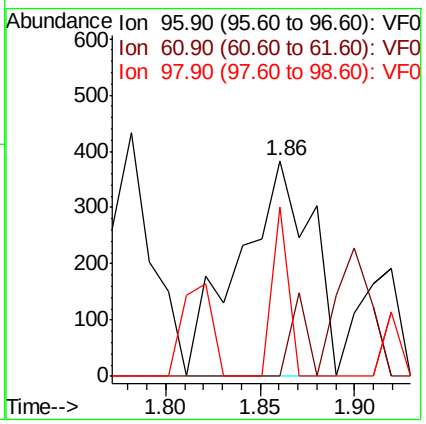


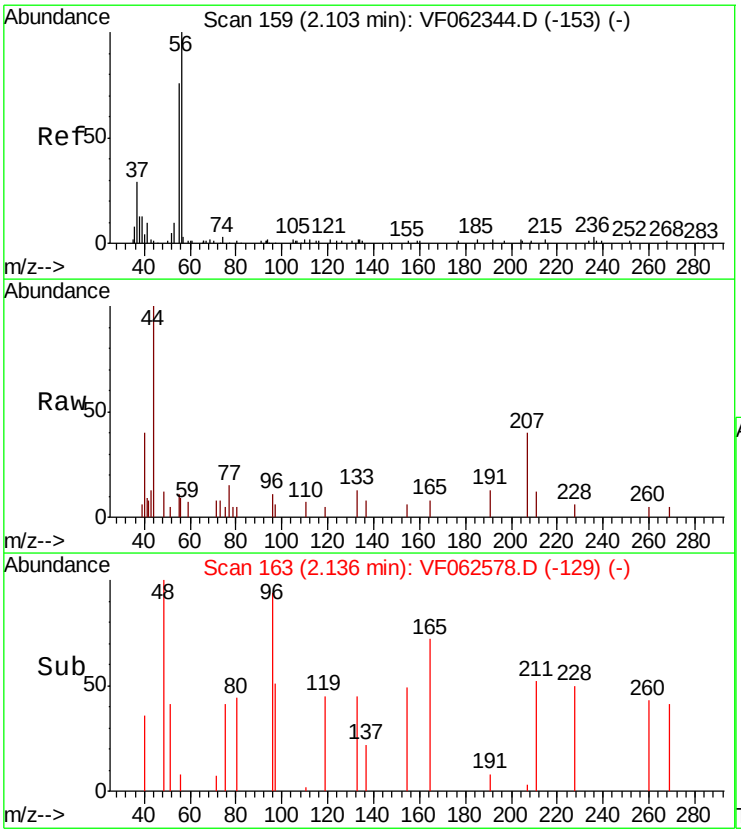
#12
1,1-Dichloroethene
Concen: 1.485 ug/l
RT: 1.86 min Scan# 135
Delta R.T. -0.02 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0002-01

Tgt Ion: 96 Resp: 1016

Ion	Ratio	Lower	Upper
96	100		
61	0.0	163.2	244.8#
98	78.4	55.2	82.8

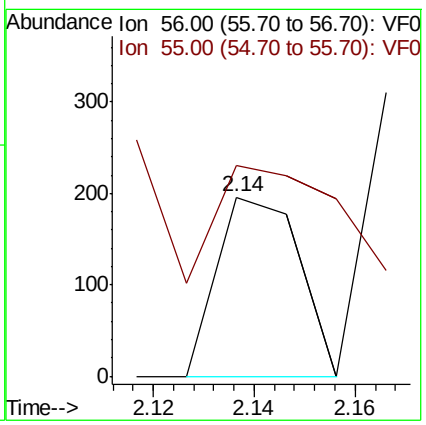


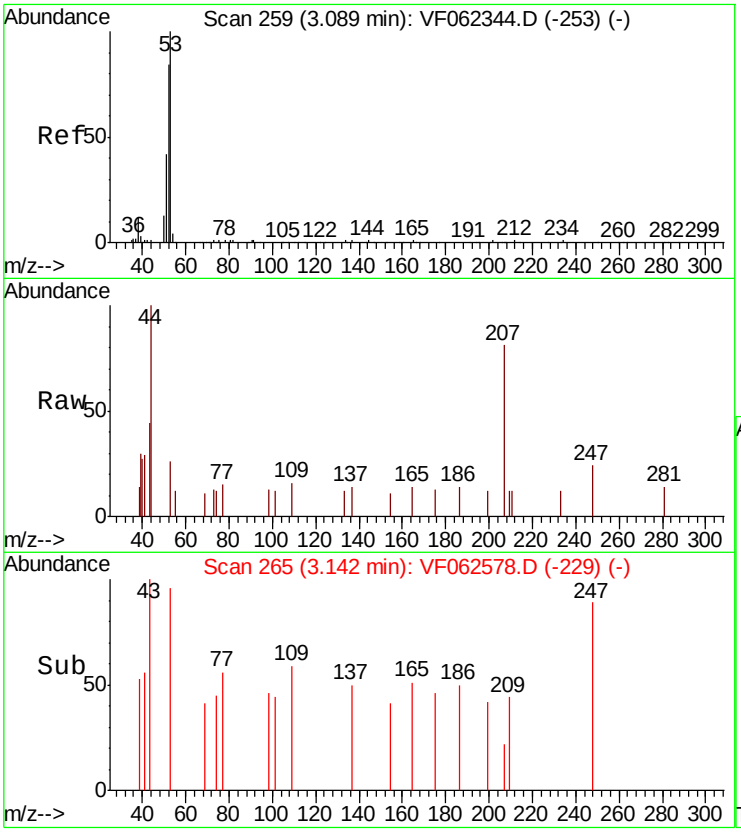


#13
Acrolein
Concen: Below Cal
RT: 2.14 min Scan# 163
Delta R.T. 0.03 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Tgt Ion: 56 Resp: 221

Ion	Ratio	Lower	Upper
56	100		
55	284.6	58.4	87.6#



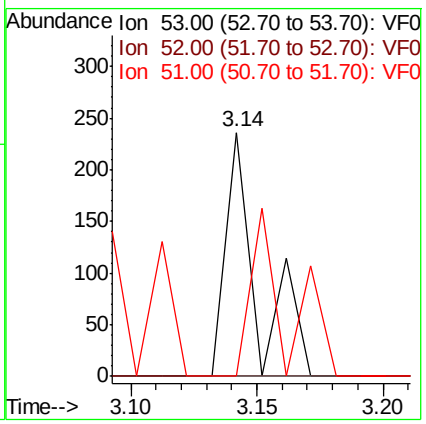


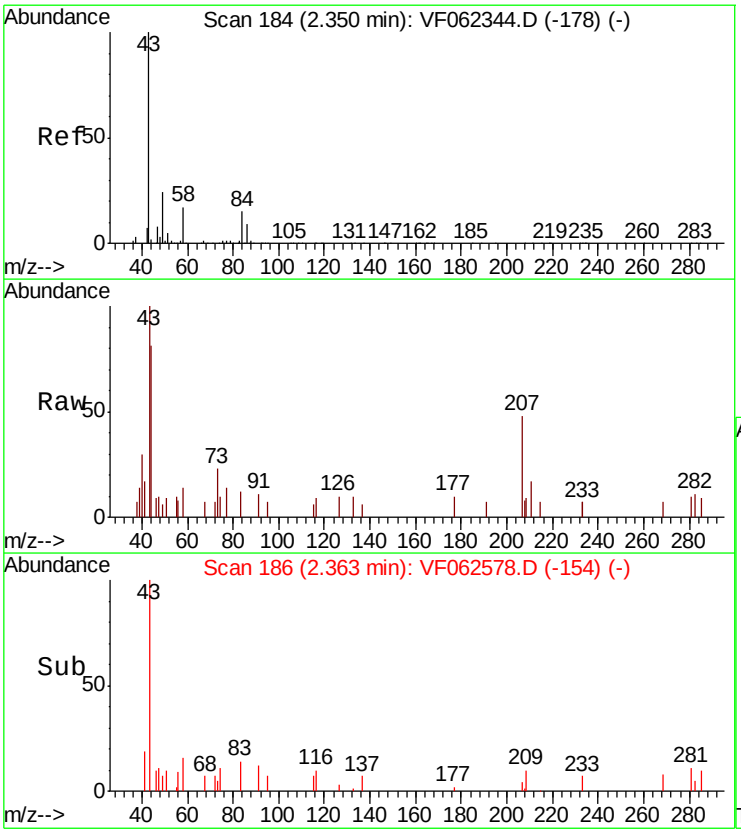
#15
Acrylonitrile
Concen: 2.304 ug/l
RT: 3.14 min Scan# 265
Delta R.T. 0.05 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0002-01

Tgt Ion: 53 Resp: 208

Ion	Ratio	Lower	Upper
53	100		
52	0.0	77.2	115.8#
51	76.9	40.6	61.0#

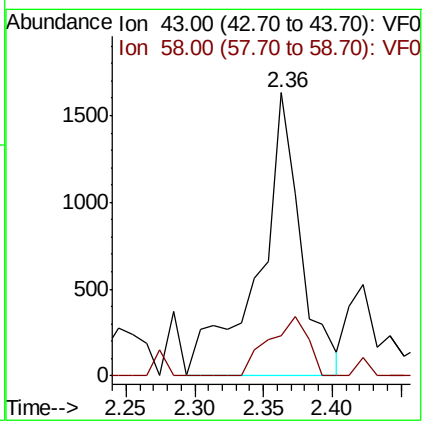


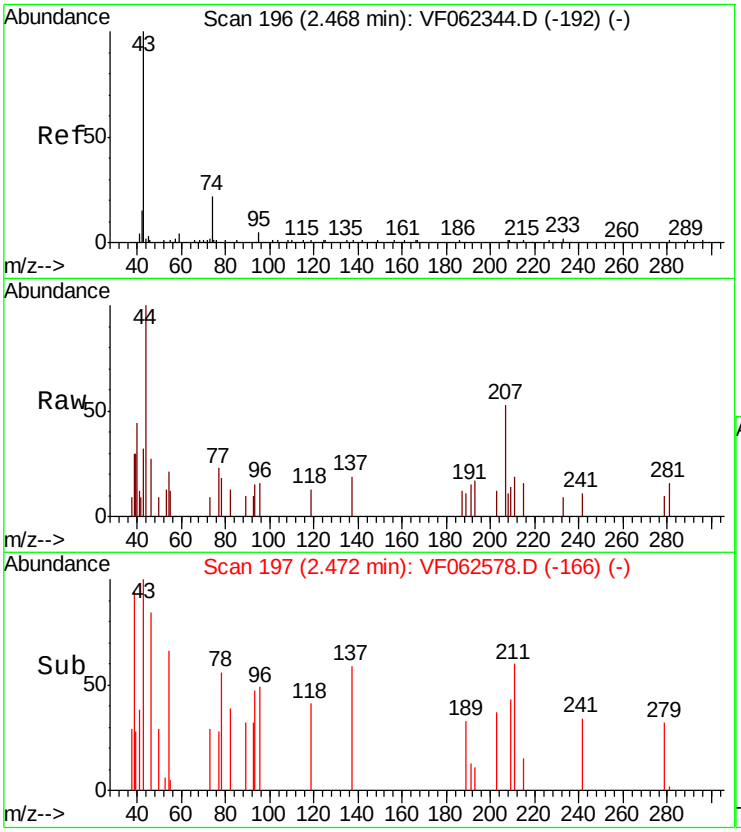


#16
Acetone
Concen: 20.089 ug/l
RT: 2.36 min Scan# 186
Delta R.T. 0.01 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Tgt Ion: 43 Resp: 3427

Ion	Ratio	Lower	Upper
43	100		
58	14.2	13.1	19.7



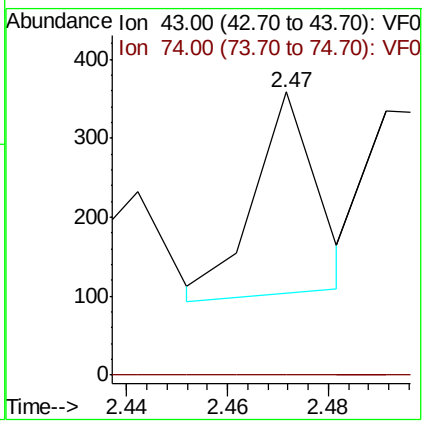


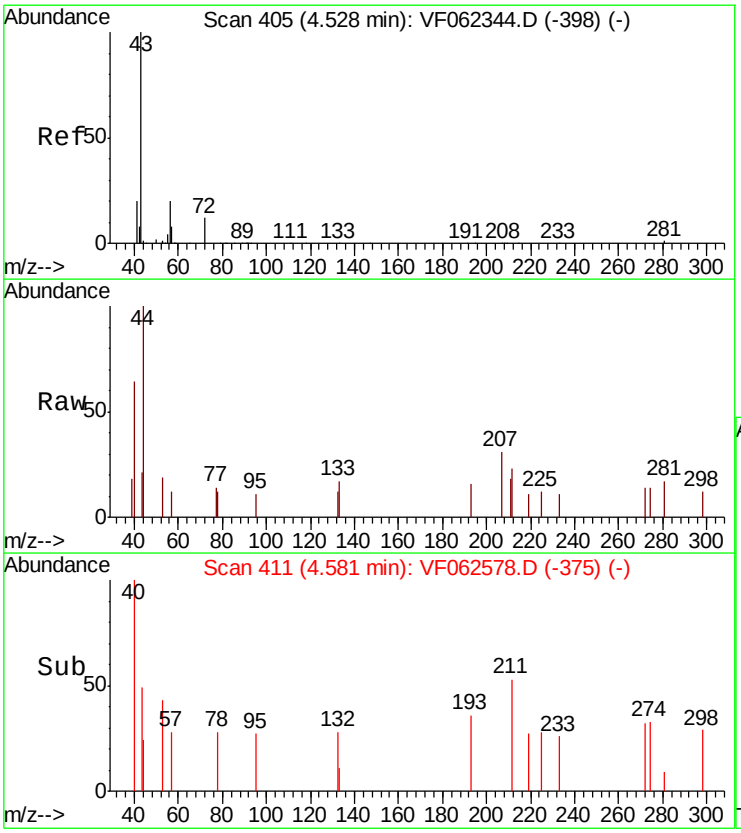
#18
Methyl Acetate
Concen: Below Cal
RT: 2.47 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0002-01

Tgt Ion: 43 Resp: 221

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.0	22.4#

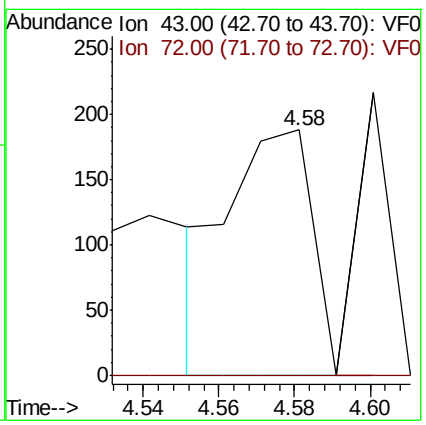


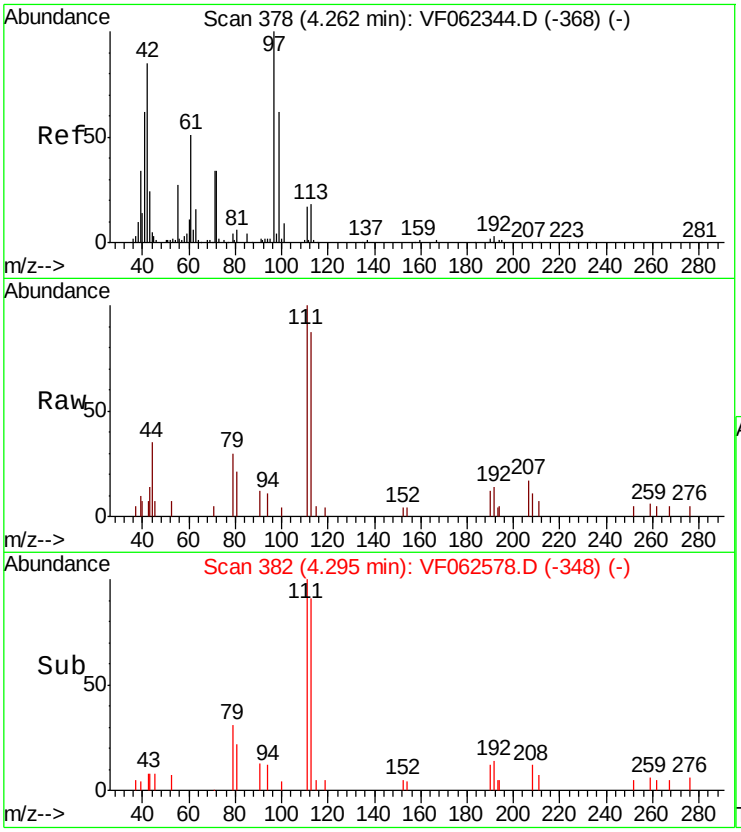


#25
2-Butanone
Concen: 1.334 ug/l
RT: 4.58 min Scan# 411
Delta R.T. 0.05 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Tgt Ion: 43 Resp: 286

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#



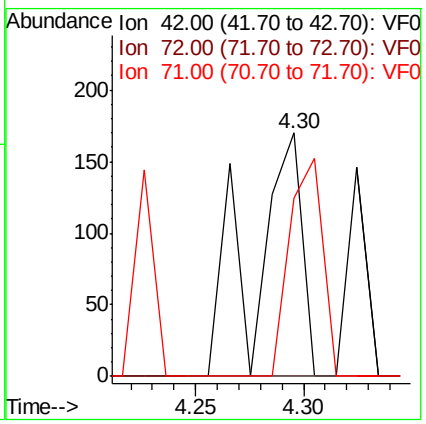


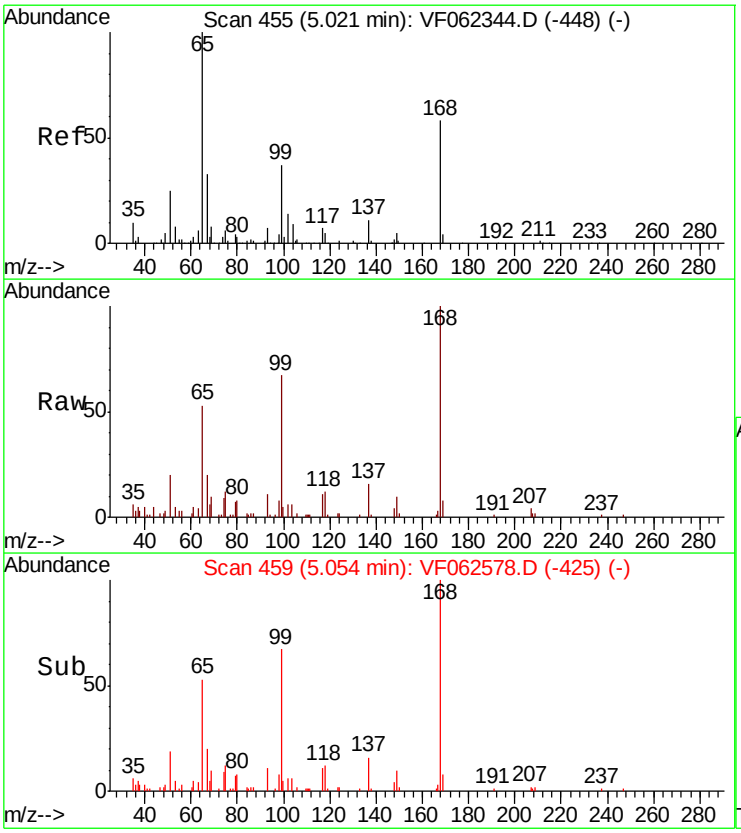
#29
Tetrahydrofuran
Concen: 2.680 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.03 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0002-01

Tgt Ion: 42 Resp: 264

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.0#
71	62.1	31.7	47.5#

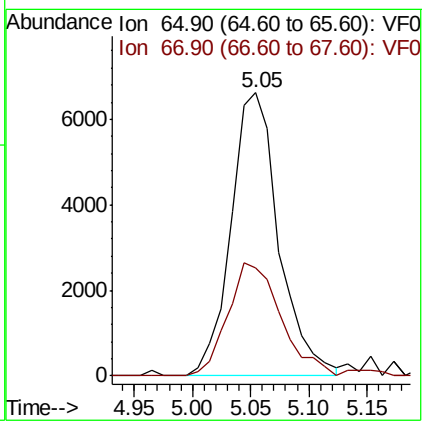


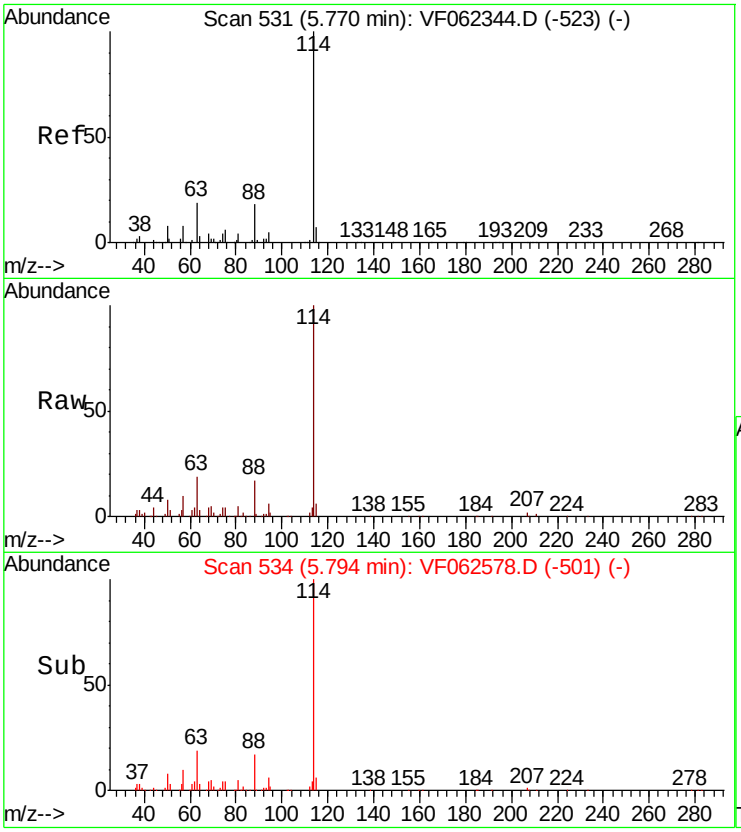


#33
1,2-Dichloroethane-d4
Concen: 22.331 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.03 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Tgt Ion: 65 Resp: 18832

Ion	Ratio	Lower	Upper
65	100		
67	44.2	0.0	85.8



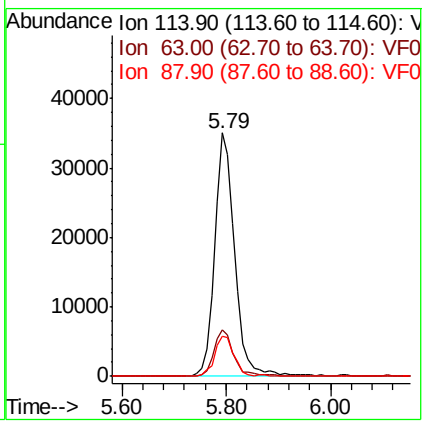


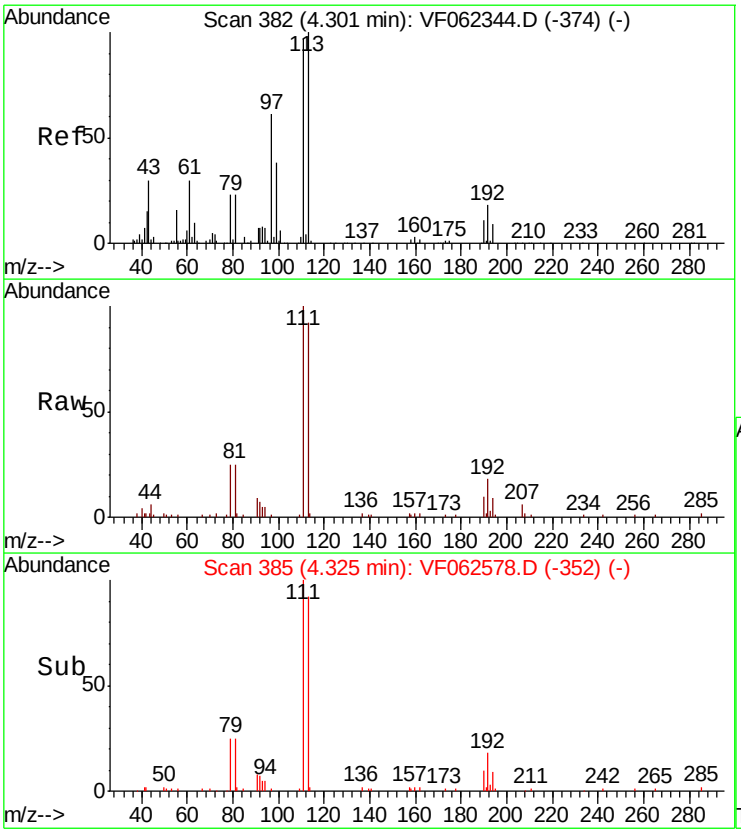
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.02 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0002-01

Tgt Ion:114 Resp: 92944

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.4
88	16.6	0.0	36.4

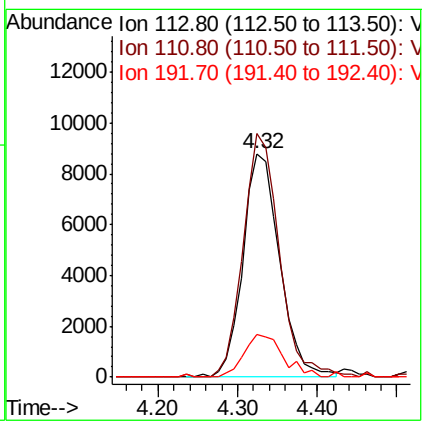


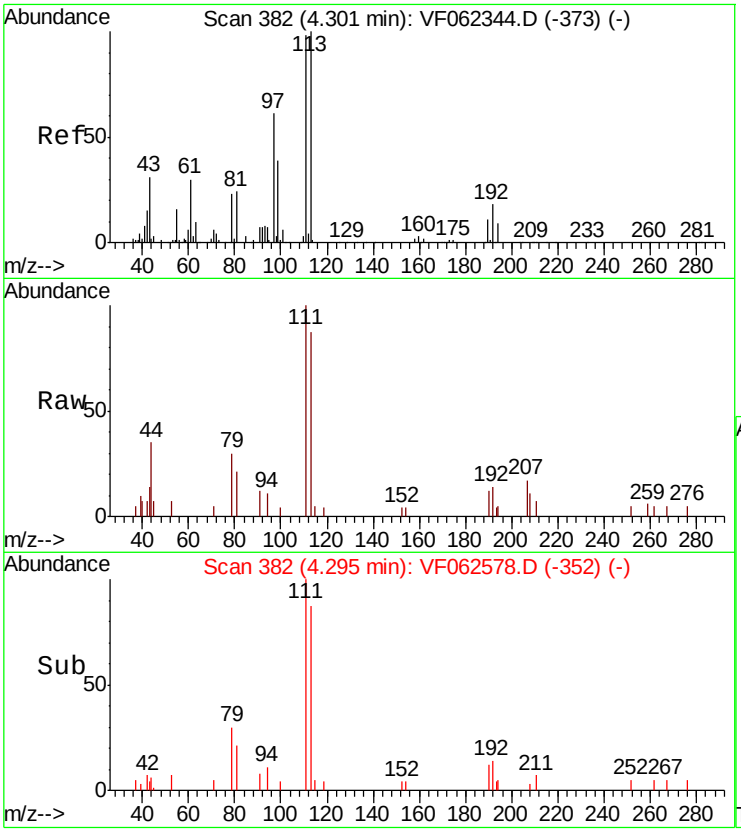


#35
Dibromofluoromethane
Concen: 37.710 ug/l
RT: 4.32 min Scan# 385
Delta R.T. 0.02 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Tgt Ion:113 Resp: 27923

Ion	Ratio	Lower	Upper
113	100		
111	107.5	79.4	119.0
192	20.3	16.0	24.0



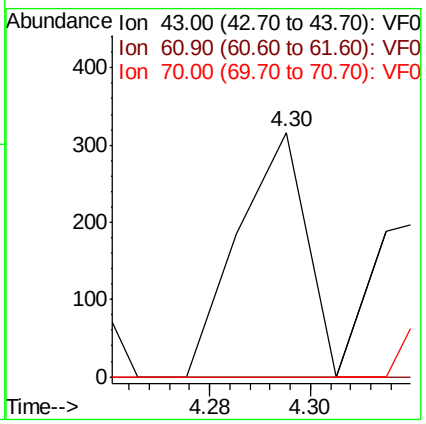


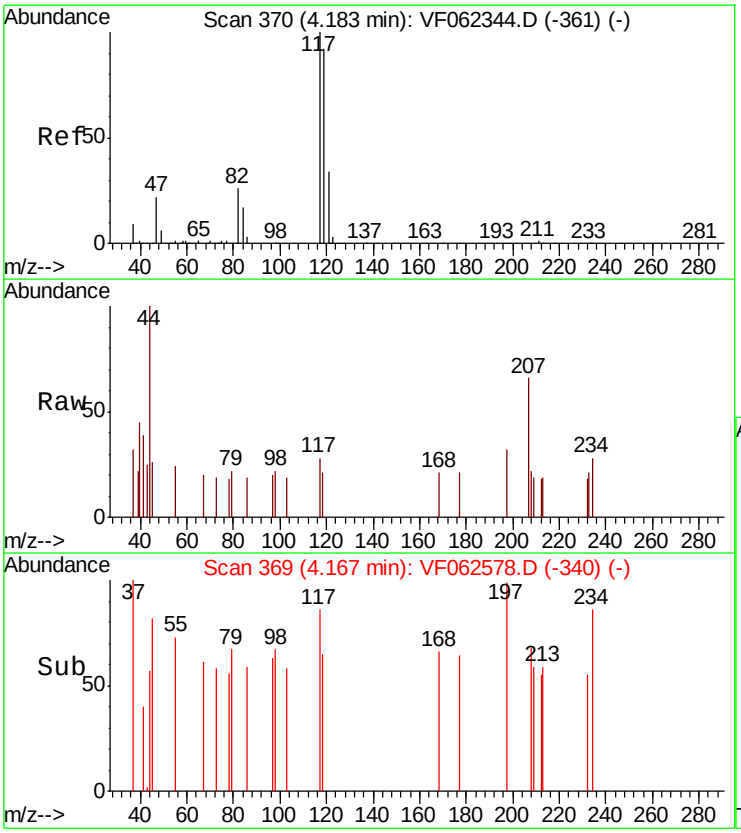
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.30 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0002-01

Tgt Ion: 43 Resp: 296

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

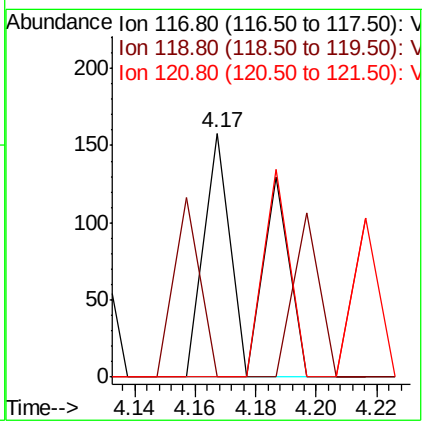


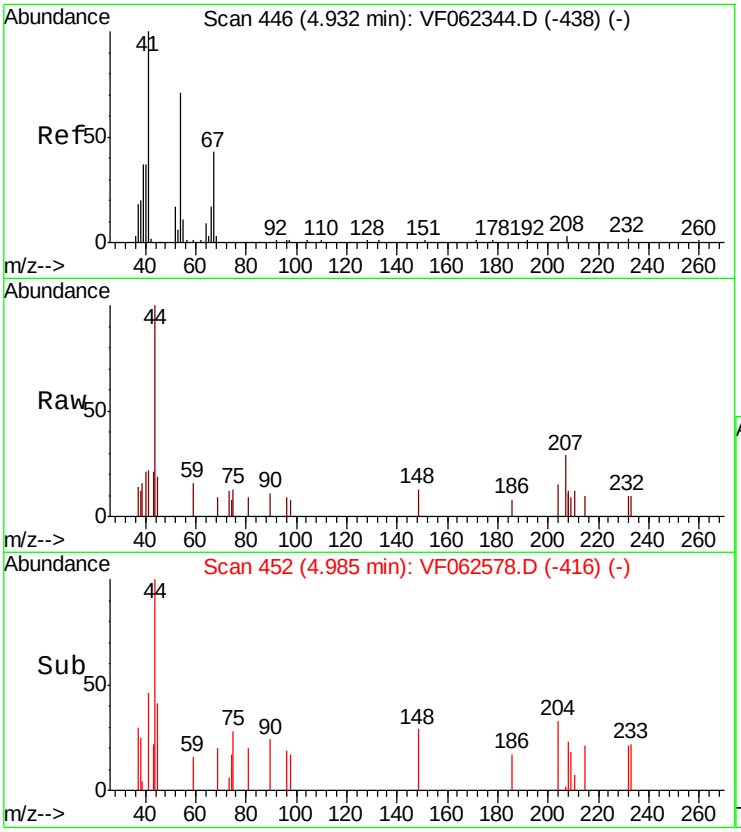


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.17 min Scan# 369
Delta R.T. -0.02 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Tgt Ion:117 Resp: 170

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



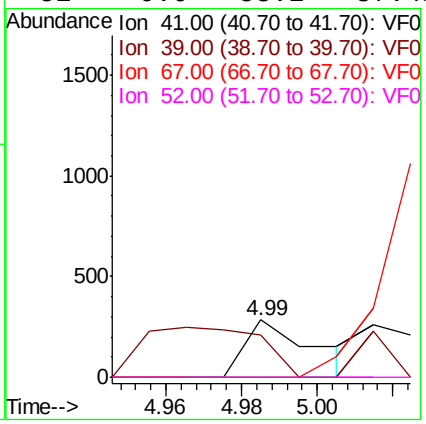


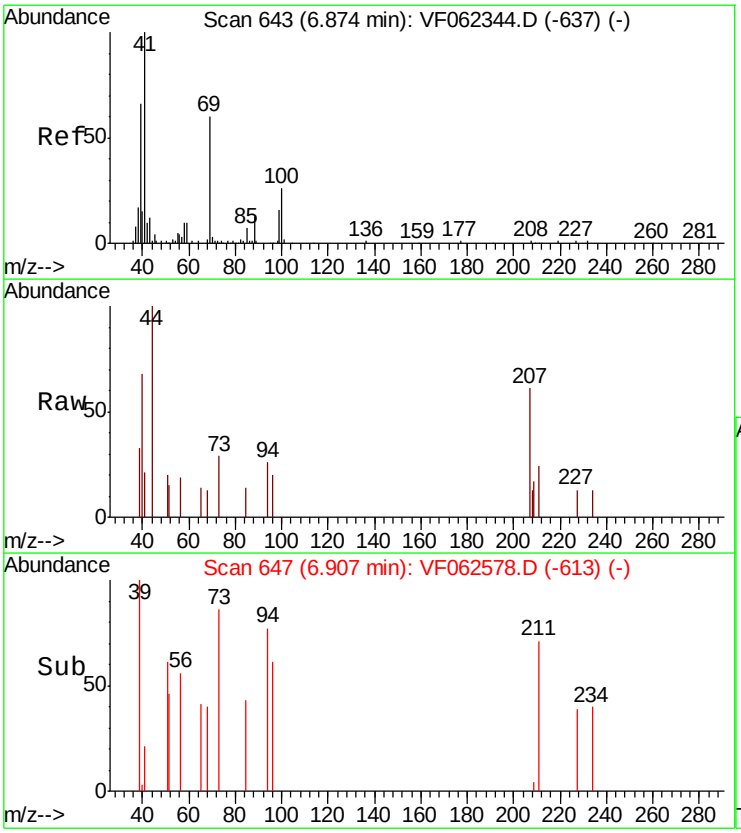
#41
Methacrylonitrile
Concen: 1.839 ug/l
RT: 4.99 min Scan# 452
Delta R.T. 0.05 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0002-01

Tgt Ion: 41 Resp: 352

Ion	Ratio	Lower	Upper
41	100		
39	192.3	54.3	81.5#
67	0.0	37.8	56.8#
52	0.0	58.2	87.4#

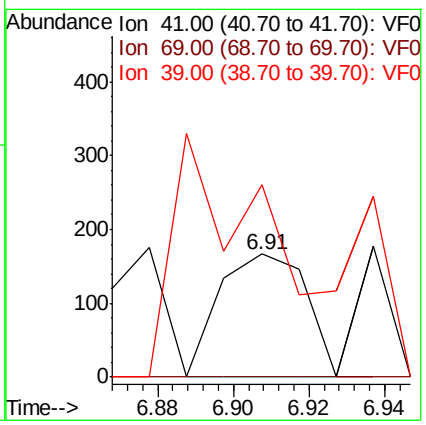


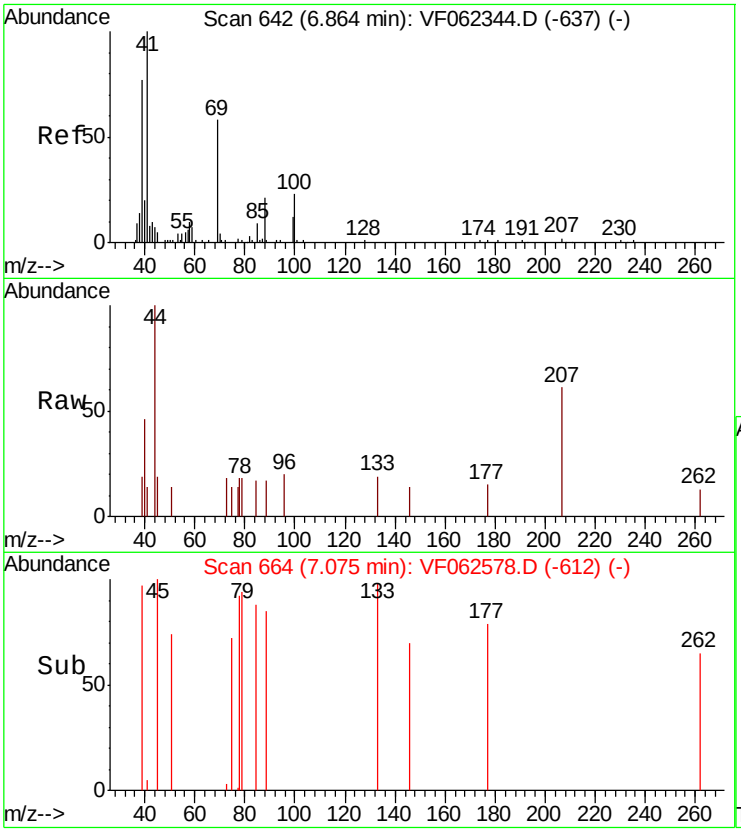


#48
Methyl methacrylate
Concen: 1.033 ug/l
RT: 6.91 min Scan# 647
Delta R.T. 0.03 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Tgt Ion: 41 Resp: 265

Ion	Ratio	Lower	Upper
41	100		
69	0.0	48.6	72.8#
39	0.0	56.1	84.1#



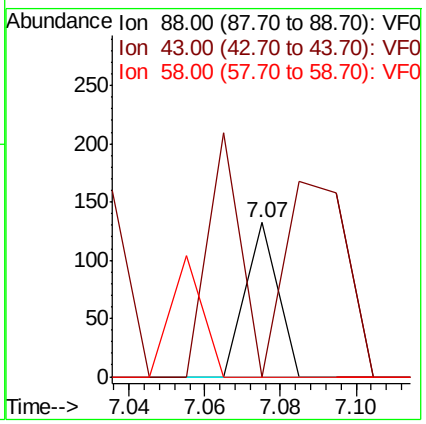


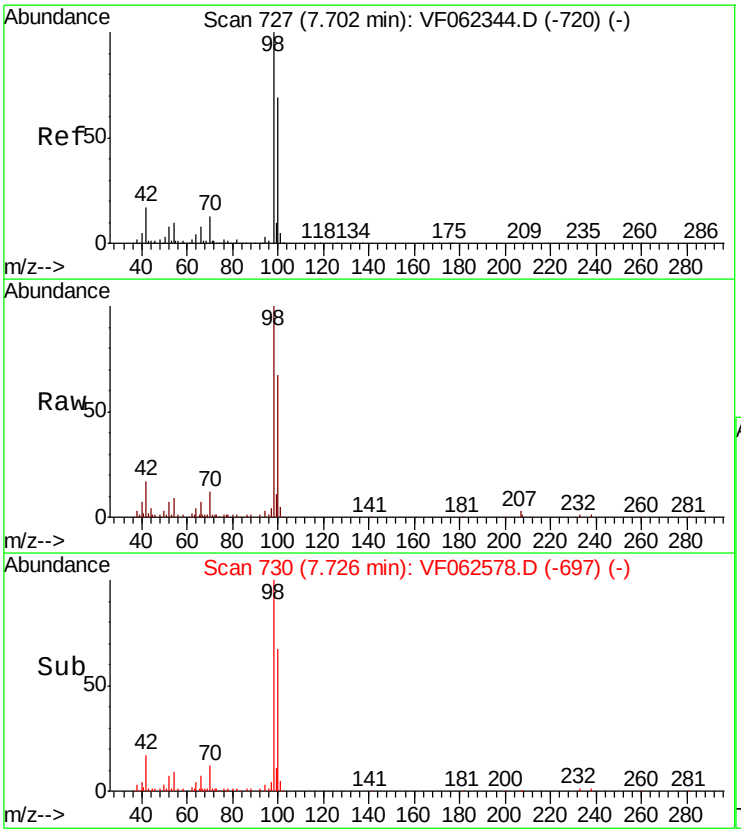
#49
1,4-Dioxane
Concen: 16.702 ug/l
RT: 7.07 min Scan# 664
Delta R.T. 0.21 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0002-01

Tgt Ion: 88 Resp: 78

Ion	Ratio	Lower	Upper
88	100		
43	247.4	55.6	83.4#
58	0.0	52.8	79.2#

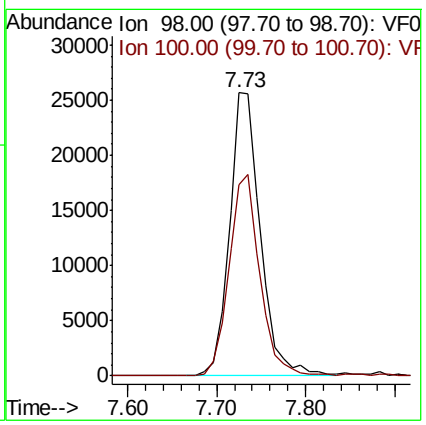


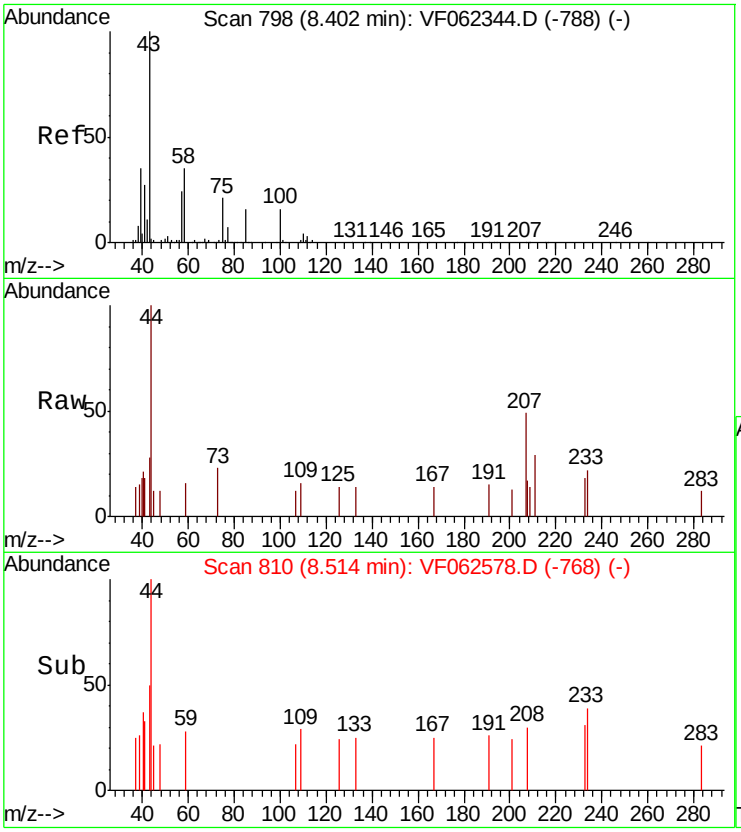


#50
Toluene-d8
Concen: 34.664 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Tgt Ion: 98 Resp: 62132

Ion	Ratio	Lower	Upper
98	100		
100	70.7	53.3	79.9



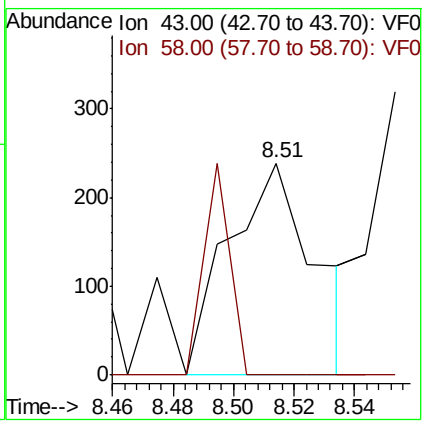


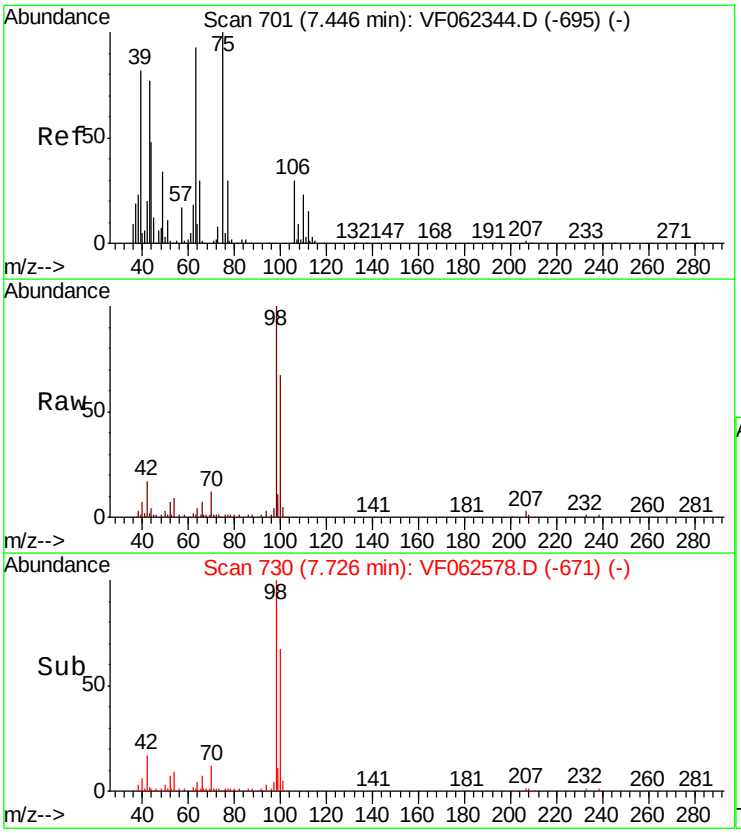
#51
4-Methyl-2-Pentanone
Concen: 1.715 ug/l
RT: 8.51 min Scan# 810
Delta R.T. 0.11 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0002-01

Tgt Ion: 43 Resp: 472

Ion	Ratio	Lower	Upper
43	100		
58	29.9	27.8	41.6

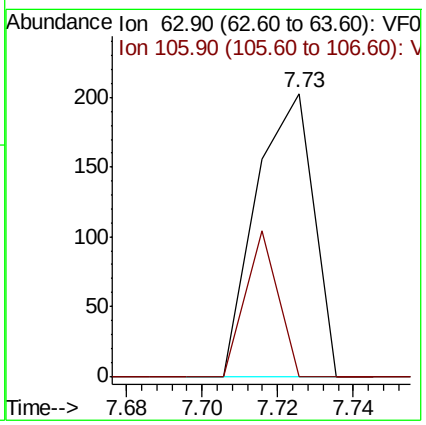


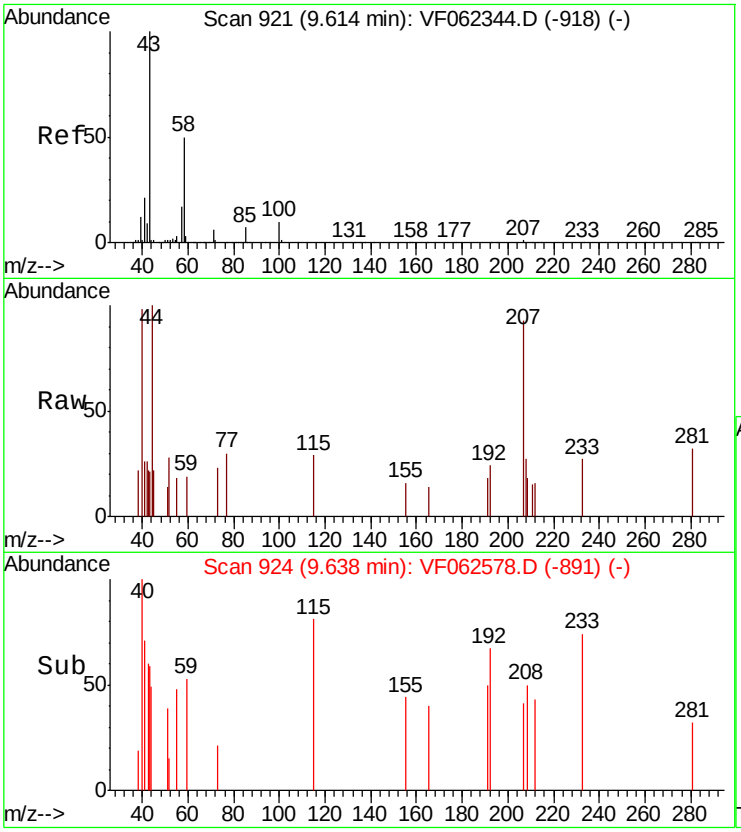


#58
2-Chloroethyl Vinyl ether
Concen: 1.940 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.28 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Tgt Ion: 63 Resp: 212

Ion	Ratio	Lower	Upper
63	100		
106	29.2	25.8	38.8



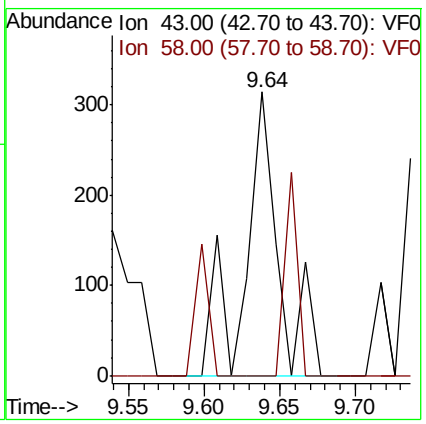


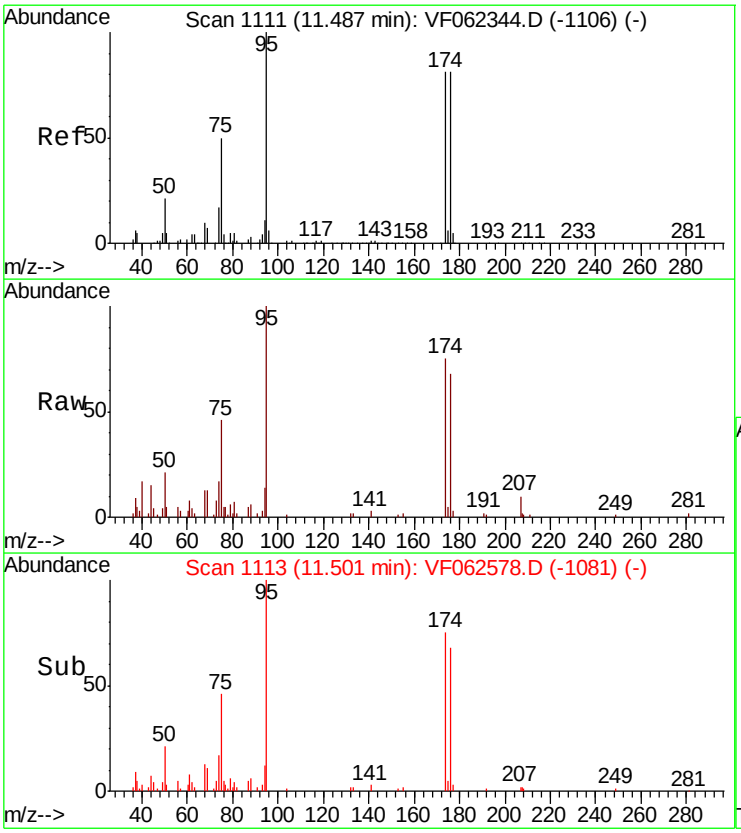
#59
2-Hexanone
Concen: 2.638 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.02 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0002-01

Tgt Ion: 43 Resp: 502

Ion	Ratio	Lower	Upper
43	100		
58	26.5	24.3	73.0

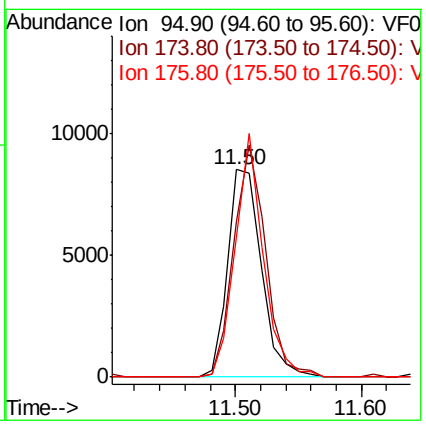


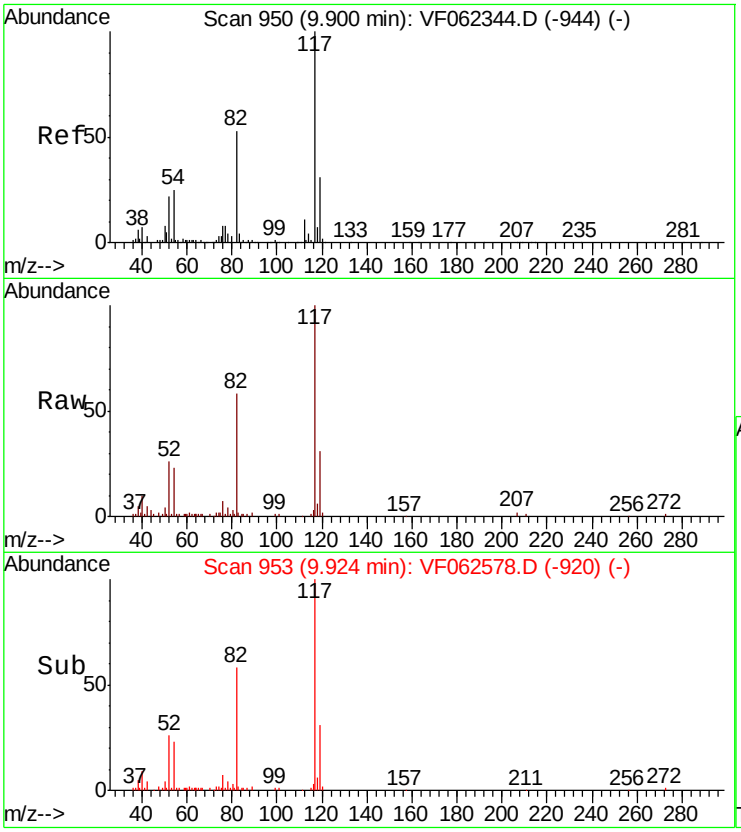


#62
4-Bromofluorobenzene
Concen: 19.448 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Tgt Ion: 95 Resp: 15727

Ion	Ratio	Lower	Upper
95	100		
174	105.7	0.0	191.8
176	97.8	0.0	193.2



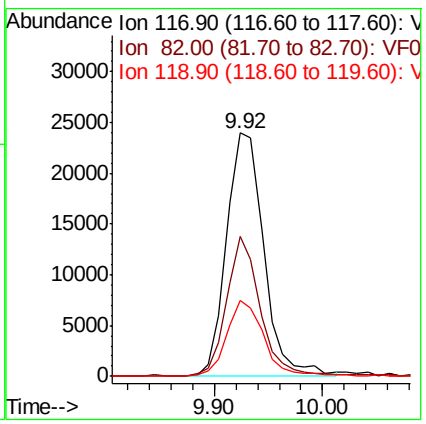


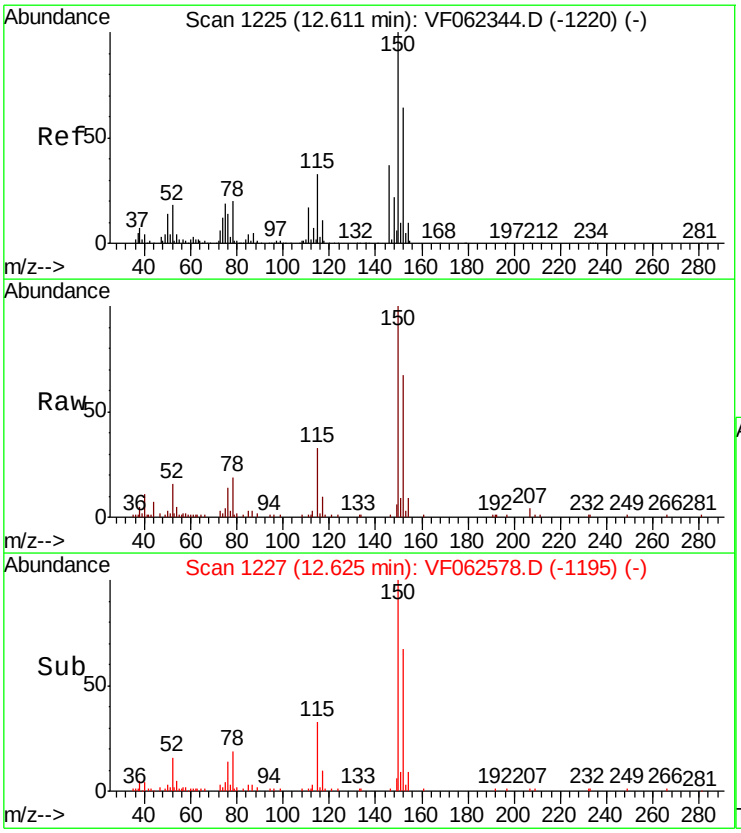
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0002-01

Tgt Ion:117 Resp: 57839

Ion	Ratio	Lower	Upper
117	100		
82	57.7	42.2	63.2
119	31.0	25.0	37.4

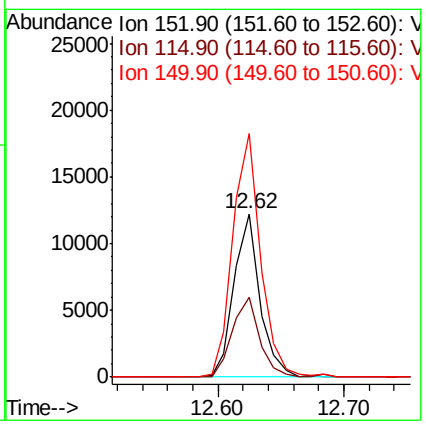


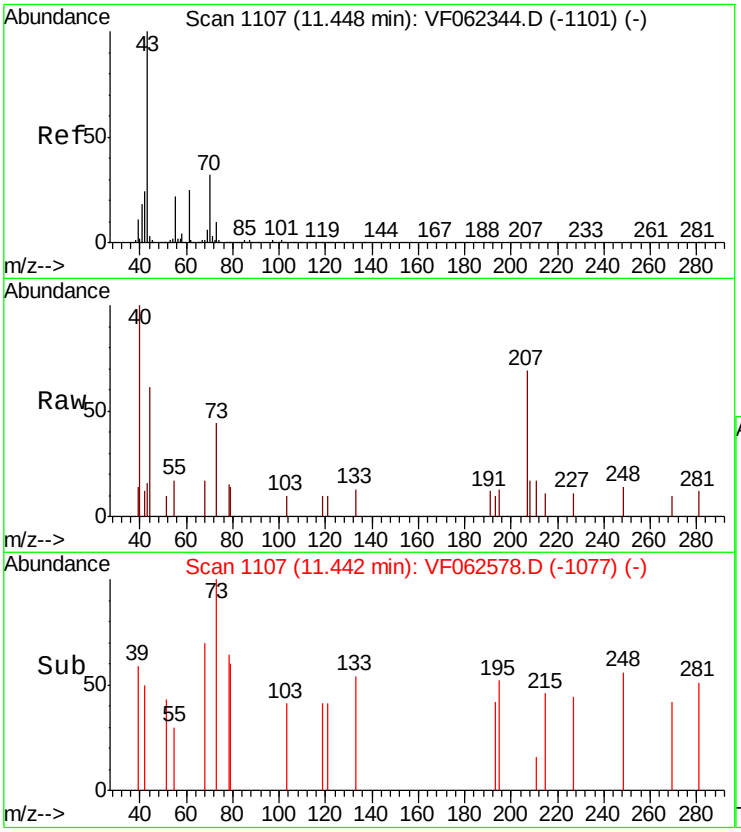


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Tgt Ion:152 Resp: 17327

Ion	Ratio	Lower	Upper
152	100		
115	51.1	26.4	79.2
150	160.1	0.0	335.0



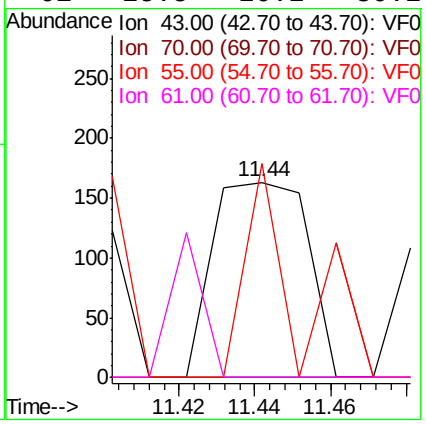


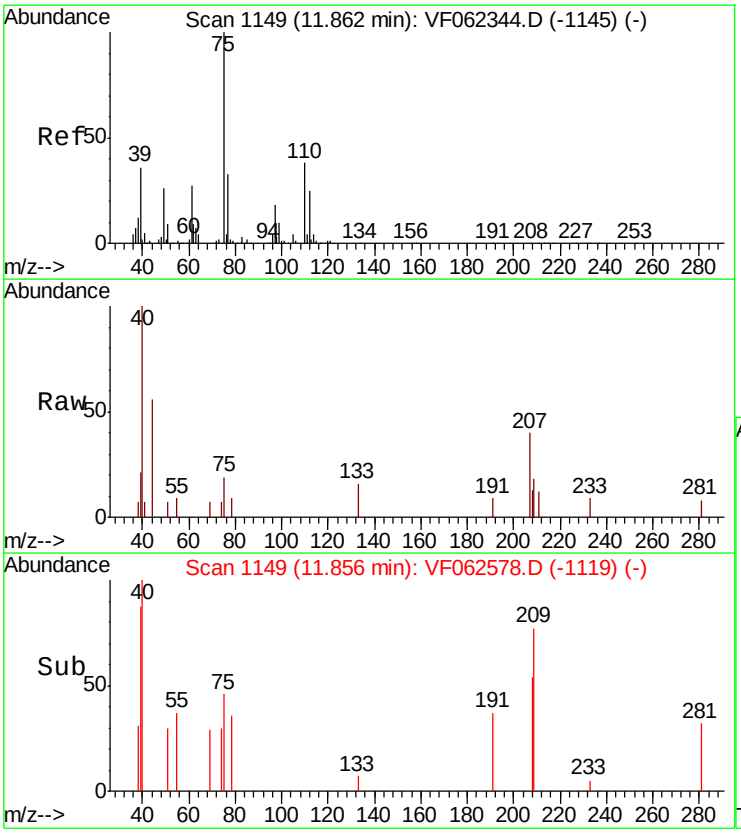
#74
N-amyl acetate
Concen: 1.279 ug/l
RT: 11.44 min Scan# 1107
Delta R.T. -0.01 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0002-01

Tgt Ion: 43 Resp: 282

Ion	Ratio	Lower	Upper
43	100		
70	0.0	26.5	39.7#
55	61.3	17.8	26.6#
61	25.5	20.2	30.2

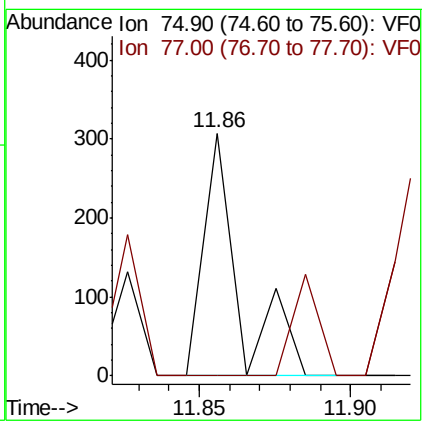


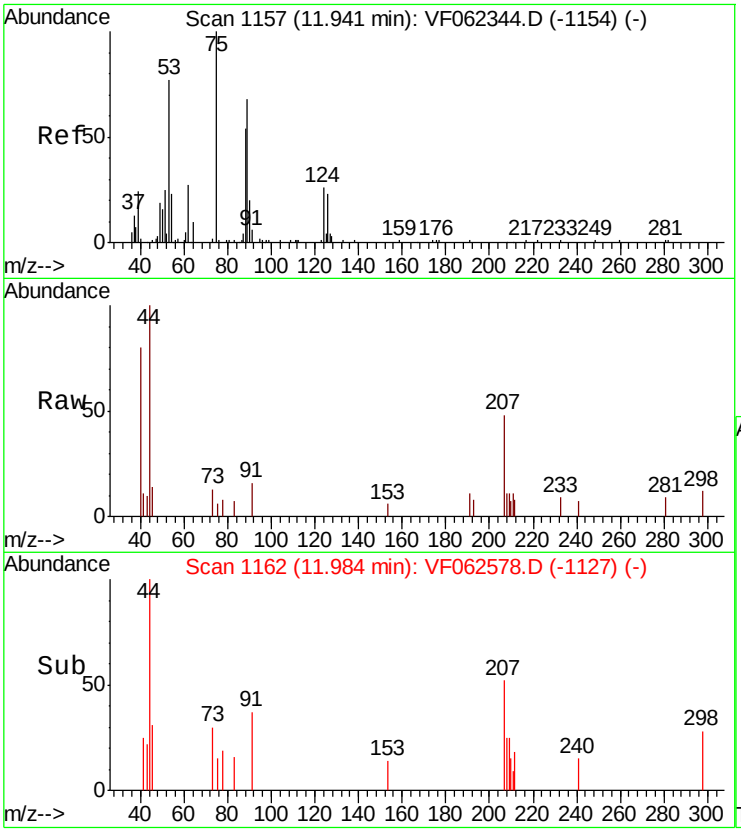


#76
1,2,3-Trichloropropane
Concen: 2.013 ug/l
RT: 11.86 min Scan# 1149
Delta R.T. -0.01 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Tgt Ion: 75 Resp: 247

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



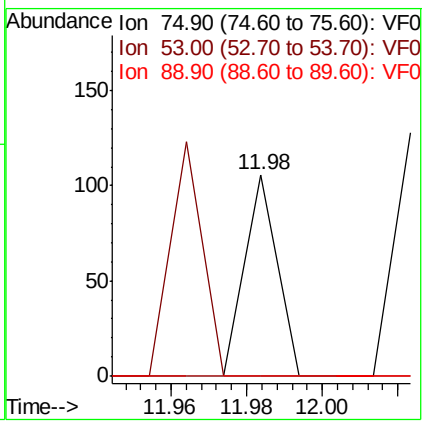


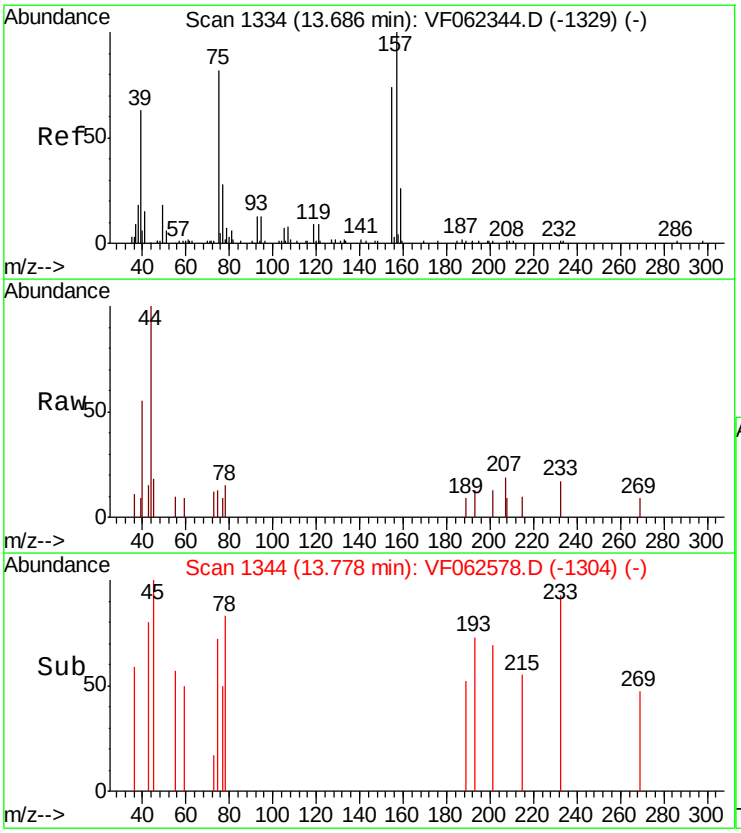
#81
trans-1,4-Dichloro-2-butene
Concen: 1.366 ug/l
RT: 11.98 min Scan# 1162
Delta R.T. 0.04 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Instrument :
MSVOA_F
ClientSampleId :
P021-SS010-0002-01

Tgt Ion: 75 Resp: 63

Ion	Ratio	Lower	Upper
75	100		
53	115.9	71.9	107.9#
89	0.0	0.0	0.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.526 ug/l
RT: 13.78 min Scan# 1344
Delta R.T. 0.09 min
Lab File: VF062578.D
Acq: 14 May 2019 9:38

Tgt Ion: 75 Resp: 91

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