Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062576.D
Acq On : 14 May 2019 8:42
Operator : FY/SY
Sample : K2757-04
Misc : 6.16g/5mL/MSVOA_F/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P021-SS009-0206-01

Quant Time: May 14 11:05:27 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	5.09	168	79283	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	5.80	114	95595	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	74372	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.63	152	30488	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	30643	40.90	ug/l	0.04
Spiked Amount 50.000			Recovery = 81.80%			
35) Dibromofluoromethane	4.34	113	39034	51.25	ug/l	0.04
Spiked Amount 50.000			Recovery = 102.50%			
50) Toluene-d8	7.74	98	69800	37.86	ug/l	0.04
Spiked Amount 50.000			Recovery = 75.72%			
62) 4-Bromofluorobenzene	11.51	95	27952	33.61	ug/l	0.03
Spiked Amount 50.000			Recovery = 67.22%			
Target Compounds						Qvalue
5) Bromomethane	1.41	94	711	Below Cal		82
11) Tert butyl alcohol	2.75	59	1012	23.898	ug/l #	70
13) Acrolein	2.11	56	1348	33.190	ug/l #	44
15) Acrylonitrile	3.04	53	1062	13.240	ug/l #	26
16) Acetone	2.36	43	2756	18.183	ug/l #	77
18) Methyl Acetate	2.47	43	3986	12.043	ug/l	97
20) Methylene Chloride	2.30	84	1278	2.331	ug/l #	42
25) 2-Butanone	4.56	43	1151	6.045	ug/l #	60
26) 2,2-Dichloropropane	3.85	77	604	1.066	ug/l	81
27) cis-1,2-Dichloroethene	3.65	96	727	1.004	ug/l	7
29) Tetrahydrofuran	4.30	42	500	5.713	ug/l #	36
37) Ethyl Acetate	4.32	43	706	Below Cal #		95
38) Carbon Tetrachloride	4.05	117	196	Below Cal #		14
41) Methacrylonitrile	4.96	41	253	1.285	ug/l #	18
48) Methyl methacrylate	6.90	41	572	2.167	ug/l #	48
49) 1,4-Dioxane	6.70	88	64	10.646	ug/l #	1
59) 2-Hexanone	9.60	43	386	1.972	ug/l	86
74) N-amyl acetate	11.46	43	827	2.131	ug/l #	52
76) 1,2,3-Trichloropropane	11.82	75	282	1.306	ug/l #	100
92) 1,2-Dibromo-3-Chloropropan	13.67	75	67	1.057	ug/l #	52

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062576.D
Acq On : 14 May 2019 8:42
Operator : FY/SY
Sample : K2757-04
Misc : 6.16g/5mL/MSVOA_F/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS009-0206-01

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
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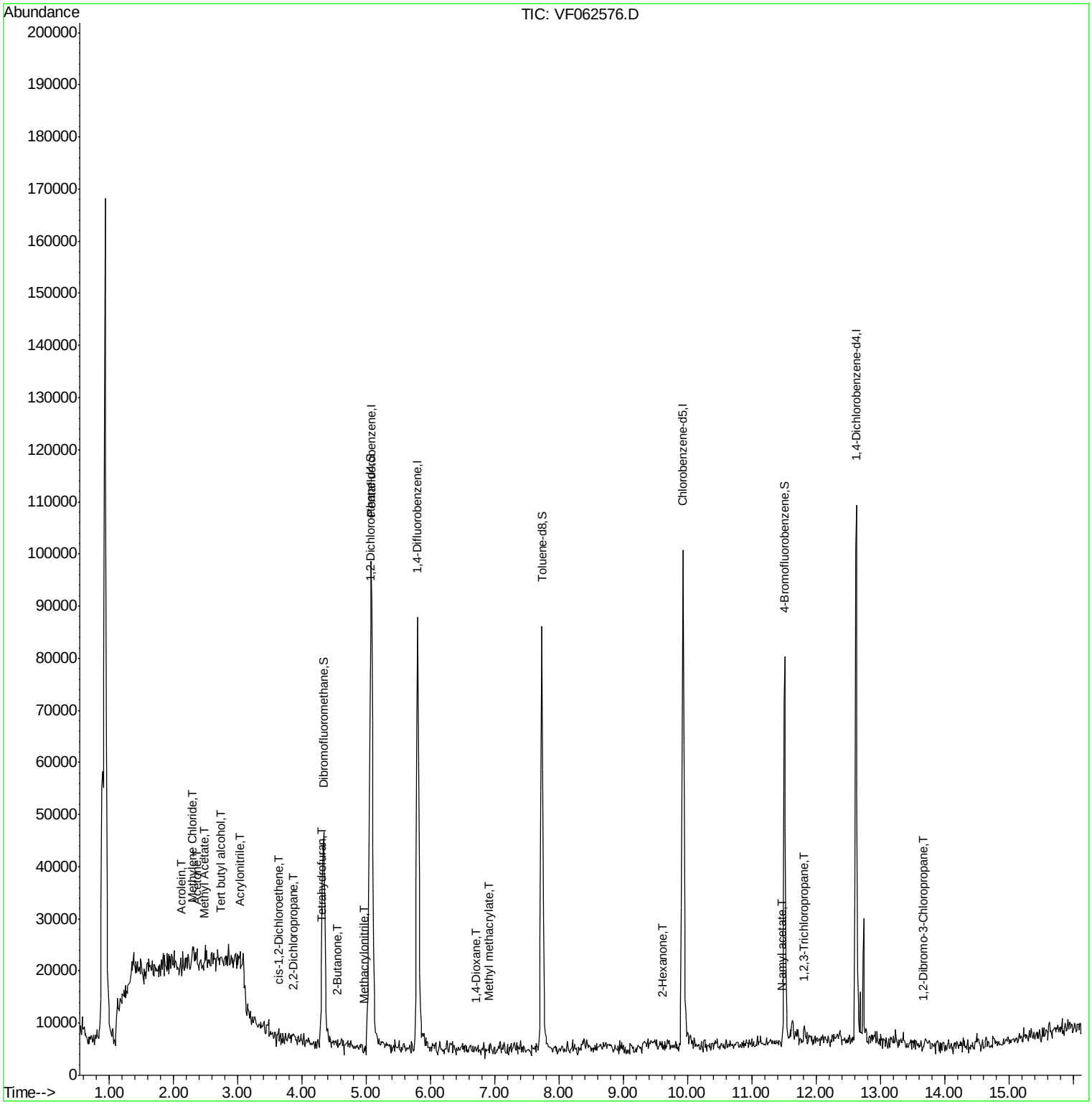
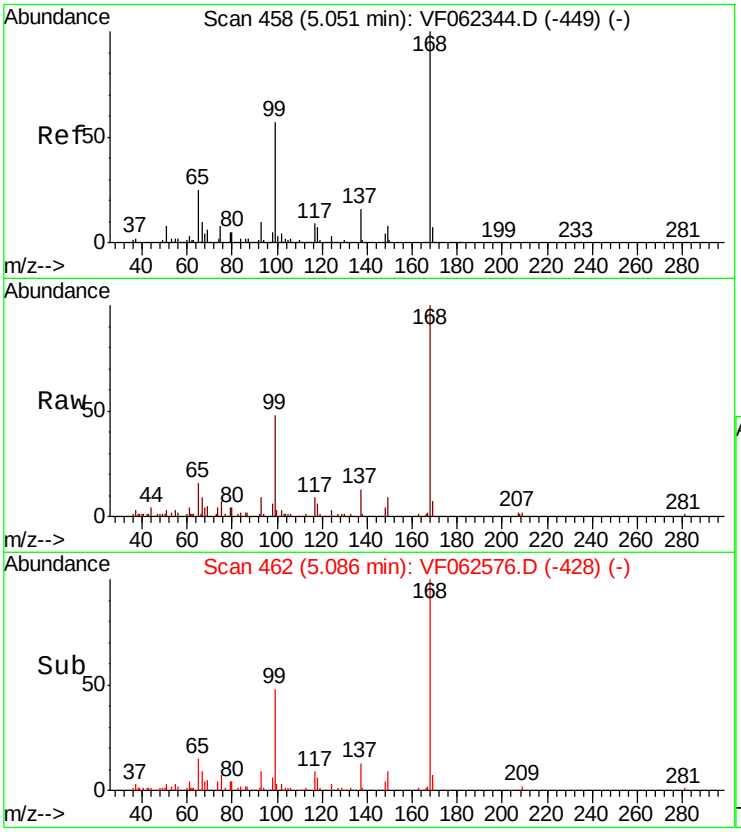
Response via : Initial Calibration



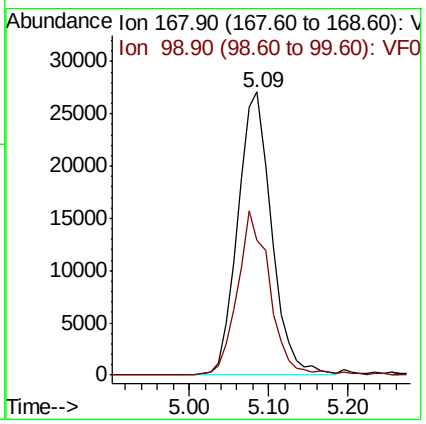


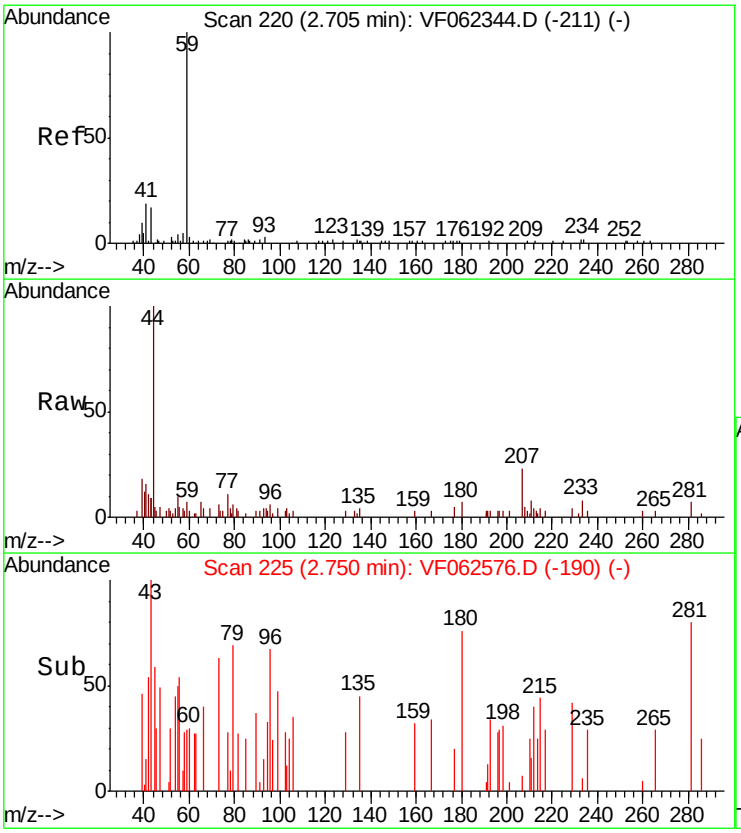
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.09 min Scan# 462
Delta R.T. 0.04 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS009-0206-01

Tgt Ion:168 Resp: 79283

Ion	Ratio	Lower	Upper
168	100		
99	47.8	45.9	68.9

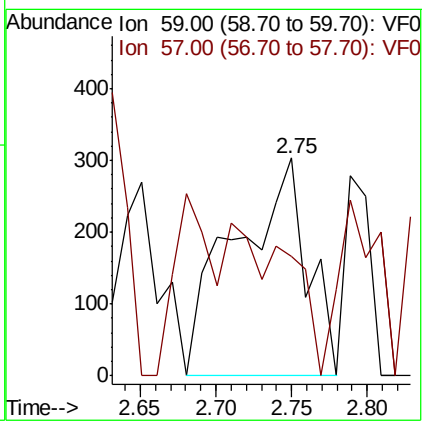


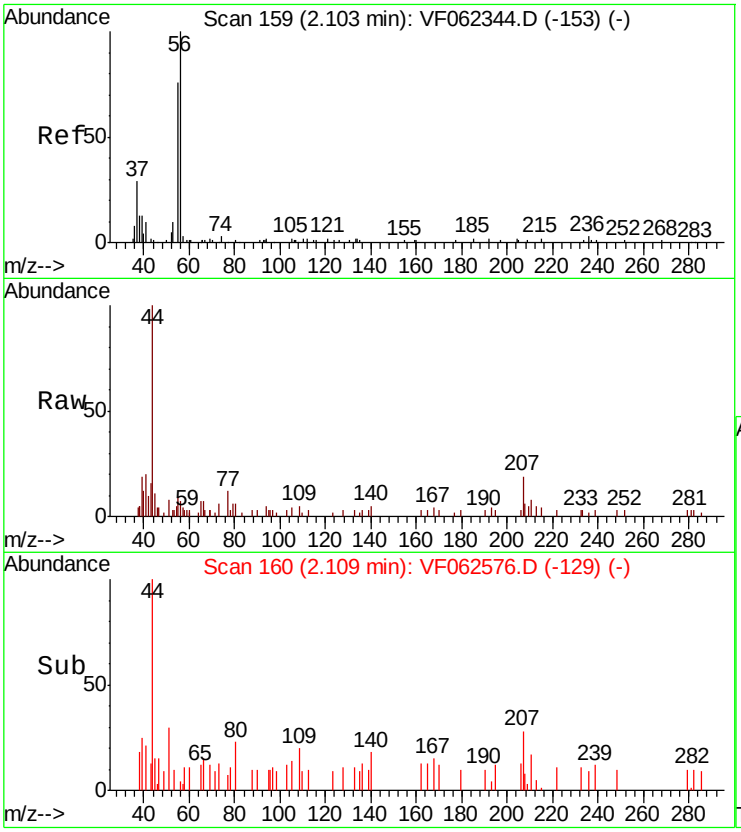


#11
Tert butyl alcohol
Concen: 23.898 ug/l
RT: 2.75 min Scan# 225
Delta R.T. 0.05 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Tgt Ion: 59 Resp: 1012

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#



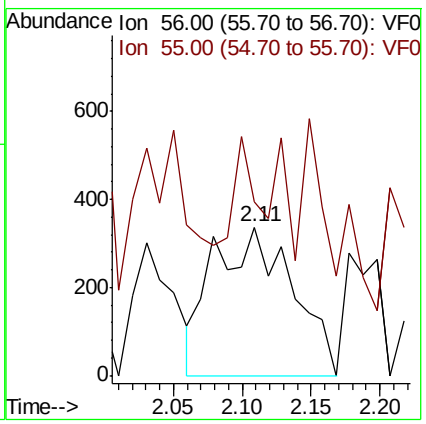


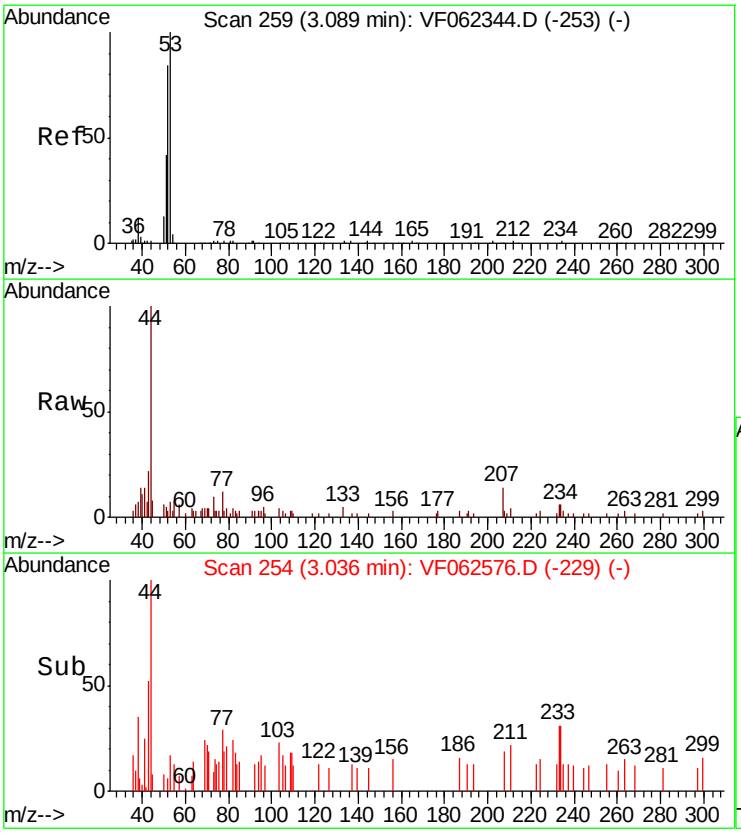
#13
Acrolein
Concen: 33.190 ug/l
RT: 2.11 min Scan# 160
Delta R.T. 0.01 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Instrument : MSVOA_F
ClientSampleId : P021-SS009-0206-01

Tgt Ion: 56 Resp: 1348

Ion	Ratio	Lower	Upper
56	100		
55	26.2	58.4	87.6#

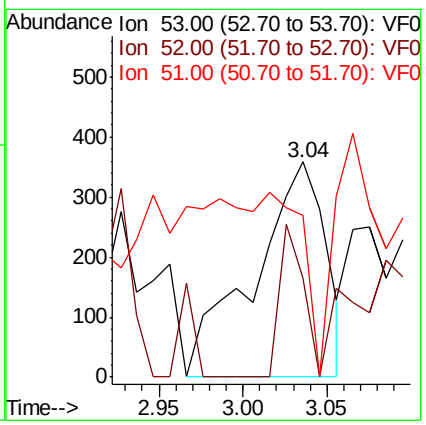


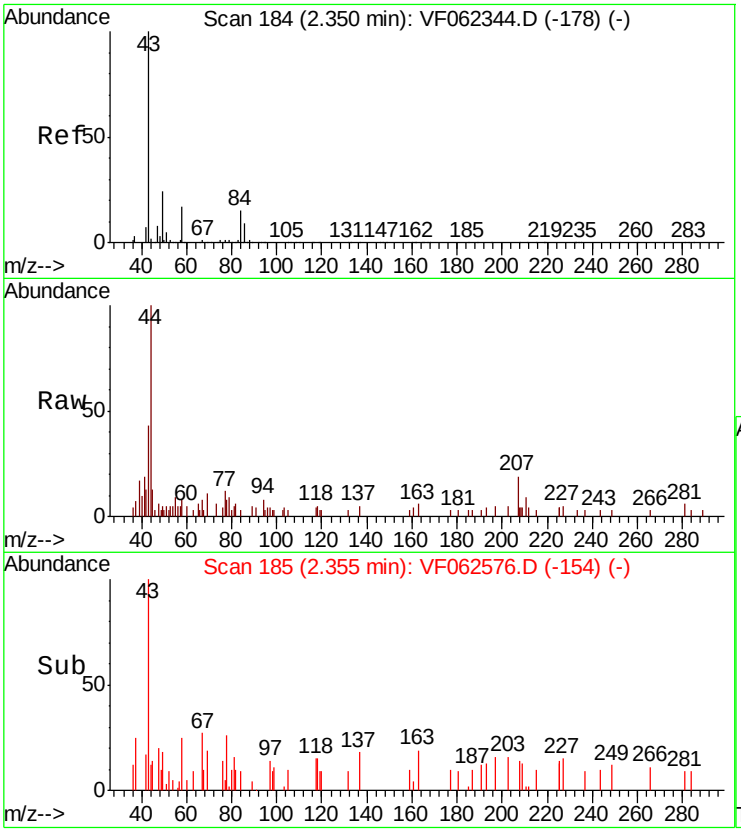


#15
Acrylonitrile
Concen: 13.240 ug/l
RT: 3.04 min Scan# 254
Delta R.T. -0.05 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Tgt Ion: 53 Resp: 1062

Ion	Ratio	Lower	Upper
53	100		
52	23.4	77.2	115.8#
51	0.0	40.6	61.0#



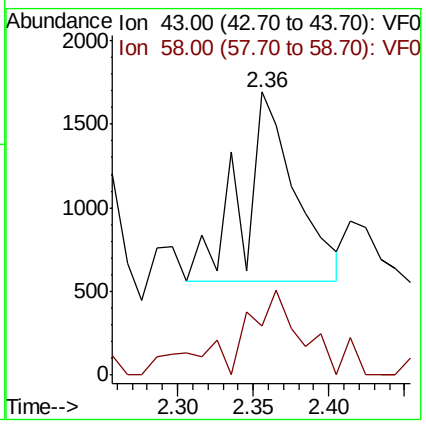


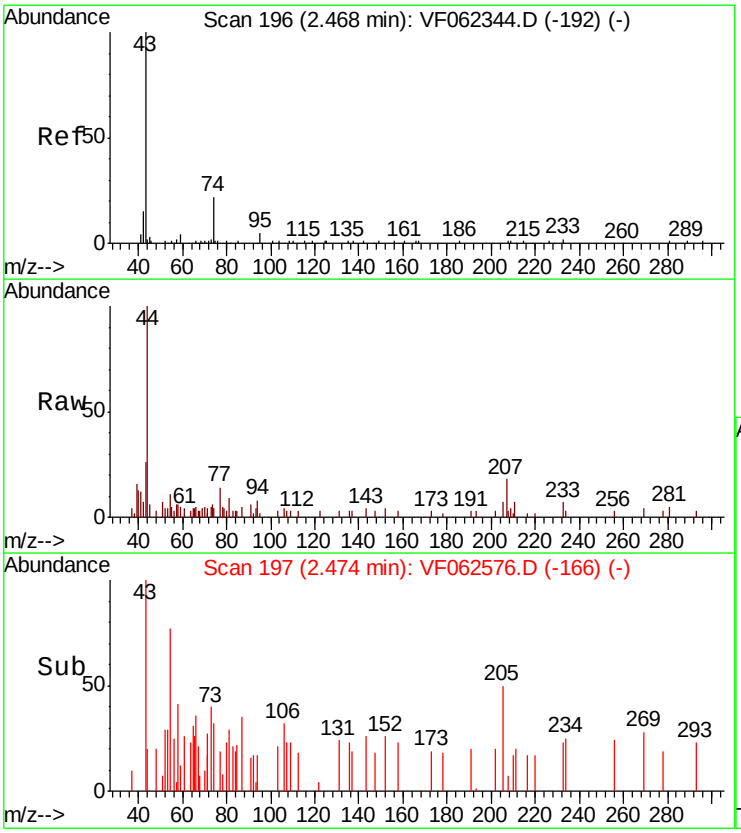
#16
Acetone
Concen: 18.183 ug/l
RT: 2.36 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS009-0206-01

Tgt Ion: 43 Resp: 2756

Ion	Ratio	Lower	Upper
43	100		
58	26.2	13.1	19.7#

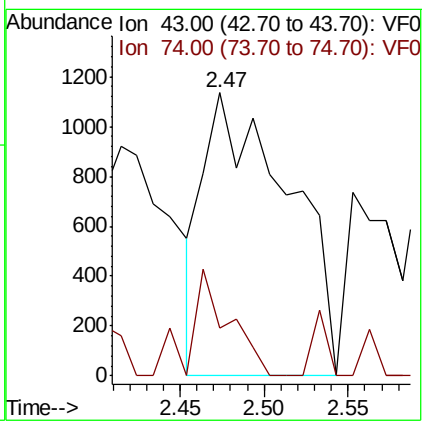


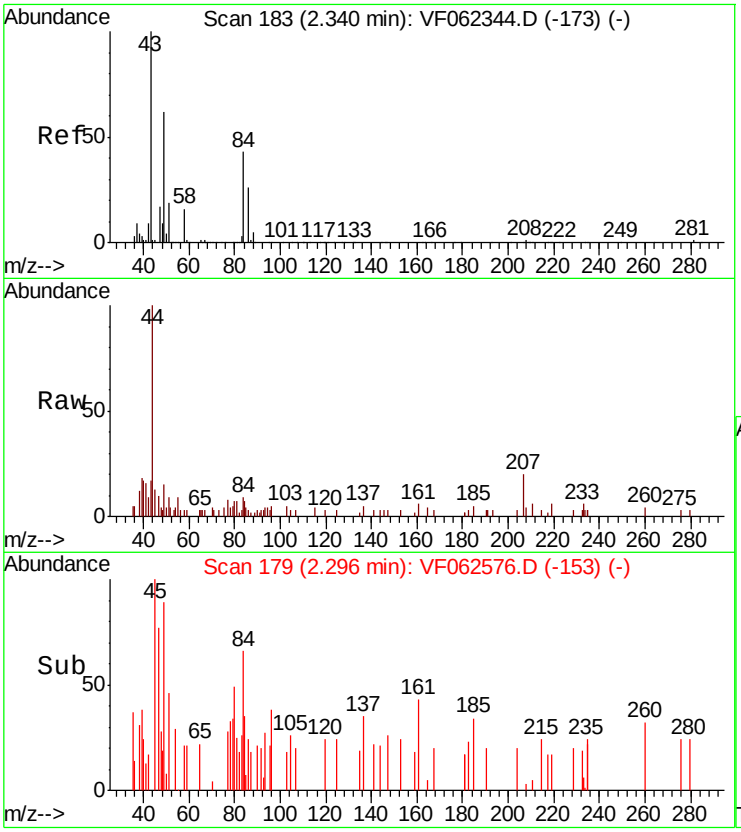


#18
Methyl Acetate
Concen: 12.043 ug/l
RT: 2.47 min Scan# 197
Delta R.T. 0.01 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Tgt Ion: 43 Resp: 3986

Ion	Ratio	Lower	Upper
43	100		
74	17.2	15.0	22.4



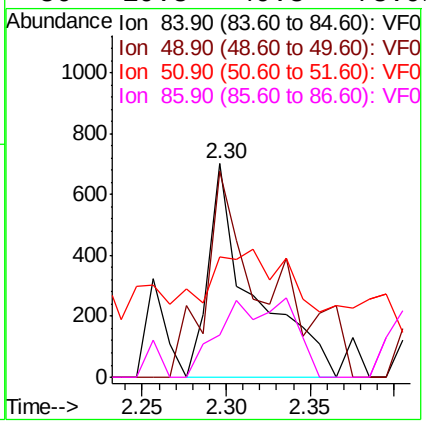


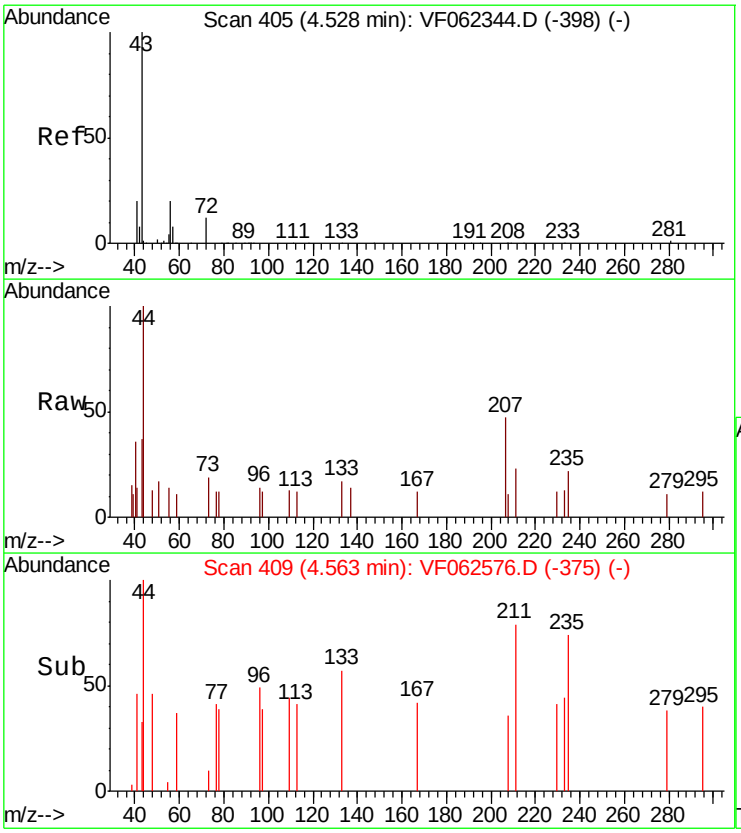
#20
Methylene Chloride
Concen: 2.331 ug/l
RT: 2.30 min Scan# 179
Delta R.T. -0.04 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS009-0206-01

Tgt Ion: 84 Resp: 1278

Ion	Ratio	Lower	Upper
84	100		
49	63.1	117.5	176.3#
51	23.3	37.0	55.4#
86	19.8	49.3	73.9#

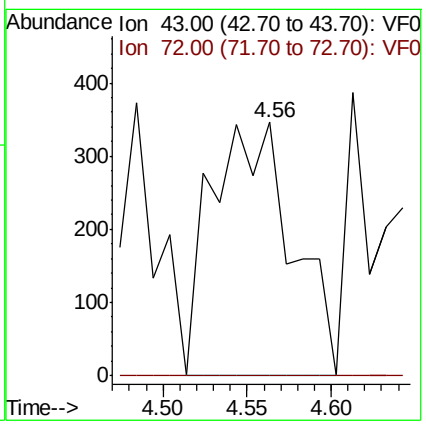


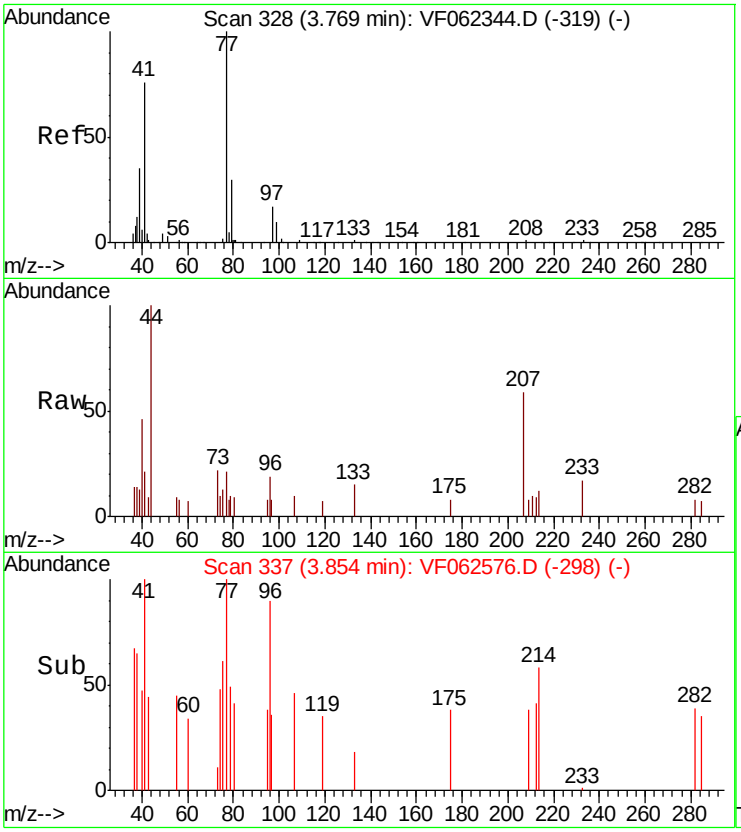


#25
2-Butanone
Concen: 6.045 ug/l
RT: 4.56 min Scan# 409
Delta R.T. 0.04 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Tgt Ion: 43 Resp: 1151

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#



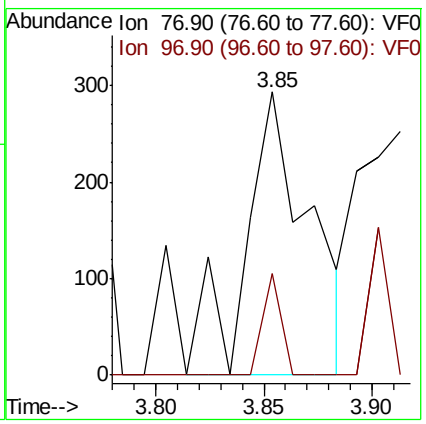


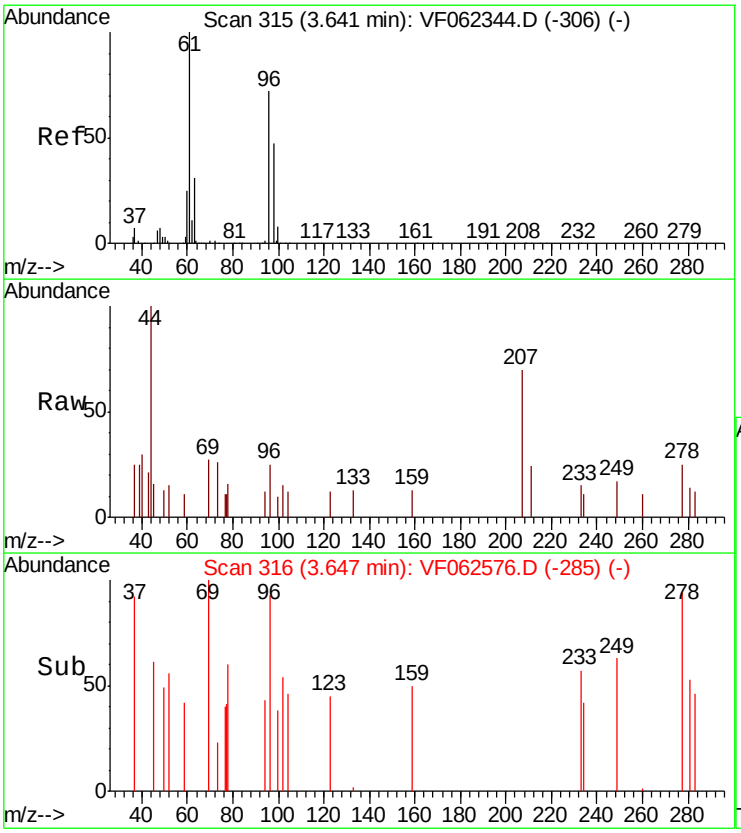
#26
2,2-Dichloropropane
Concen: 1.066 ug/l
RT: 3.85 min Scan# 337
Delta R.T. 0.08 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Instrument : MSVOA_F
ClientSampleId : P021-SS009-0206-01

Tgt Ion: 77 Resp: 604

Ion	Ratio	Lower	Upper
77	100		
97	10.3	9.5	28.5

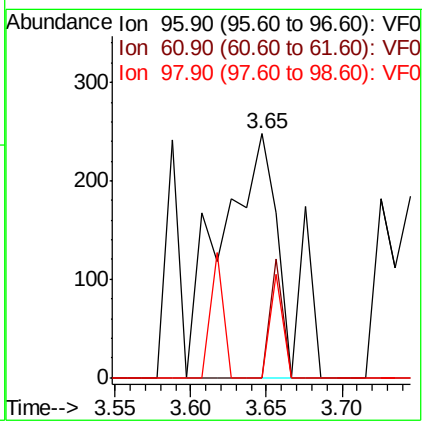


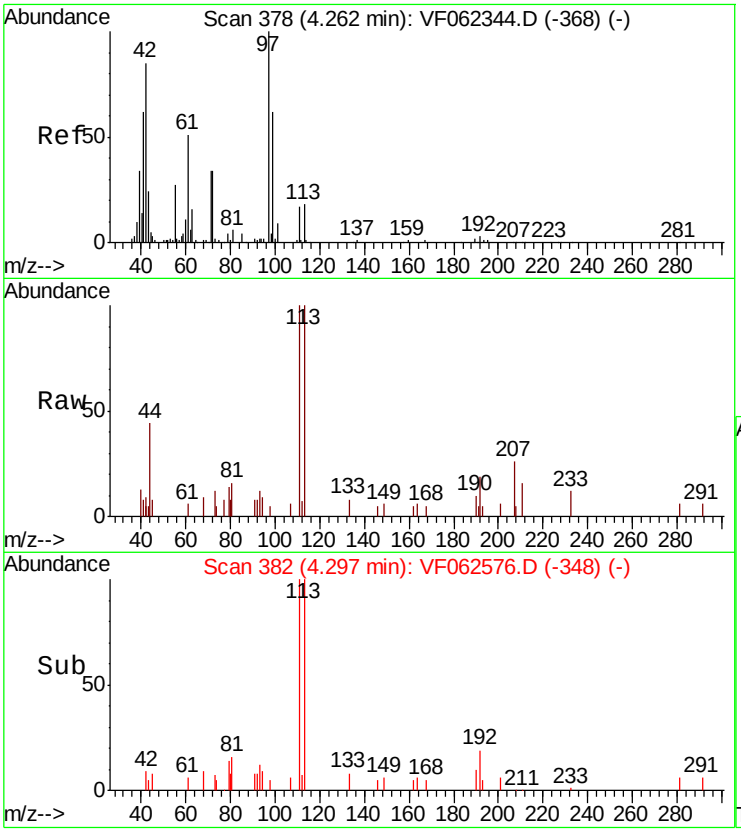


#27
cis-1,2-Dichloroethene
Concen: 1.004 ug/l
RT: 3.65 min Scan# 316
Delta R.T. 0.01 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Tgt Ion: 96 Resp: 727

Ion	Ratio	Lower	Upper
96	100		
61	9.8	0.0	263.0
98	8.5	0.0	130.8



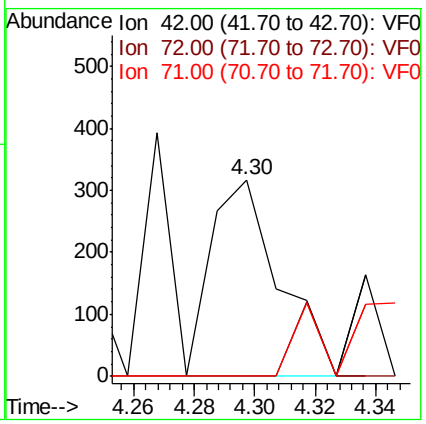


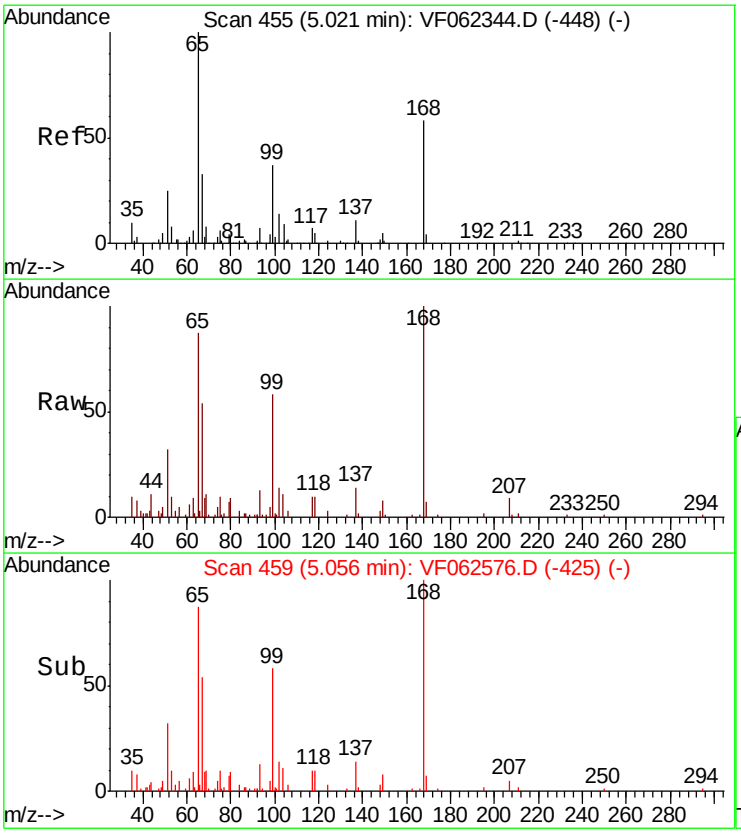
#29
Tetrahydrofuran
Concen: 5.713 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.04 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS009-0206-01

Tgt Ion: 42 Resp: 500

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

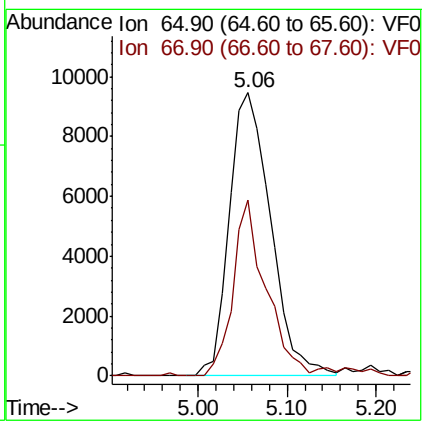


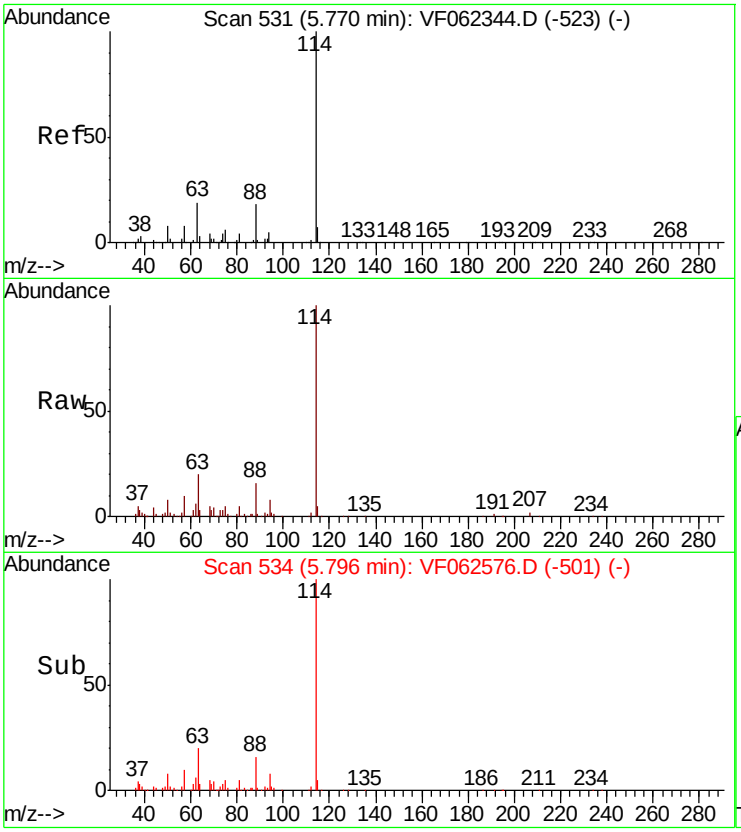


#33
1,2-Dichloroethane-d4
Concen: 40.898 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.04 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Tgt Ion: 65 Resp: 30643

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	85.8



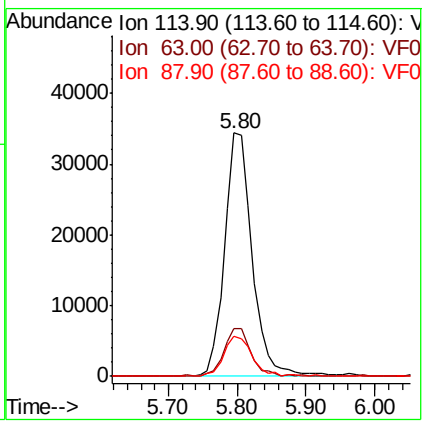


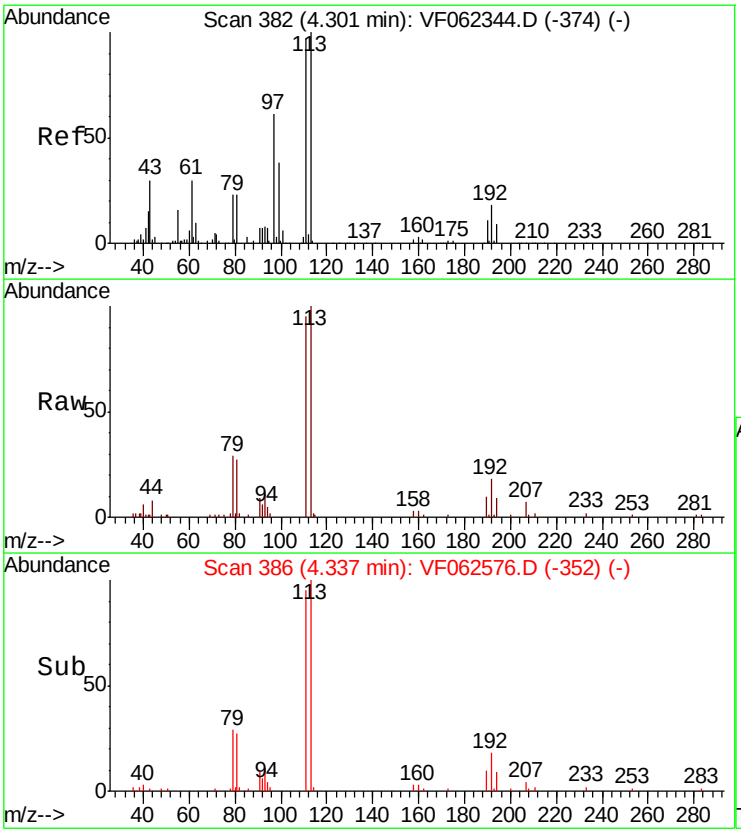
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 534
Delta R.T. 0.03 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS009-0206-01

Tgt Ion:114 Resp: 95595

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	37.4
88	16.2	0.0	36.4

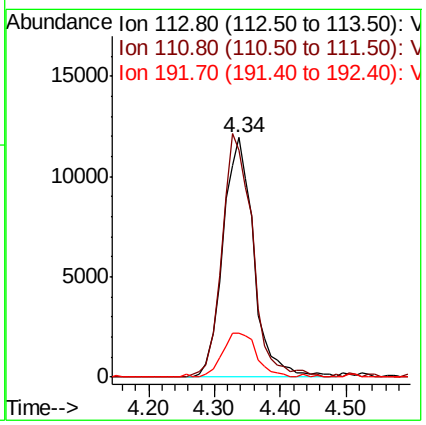


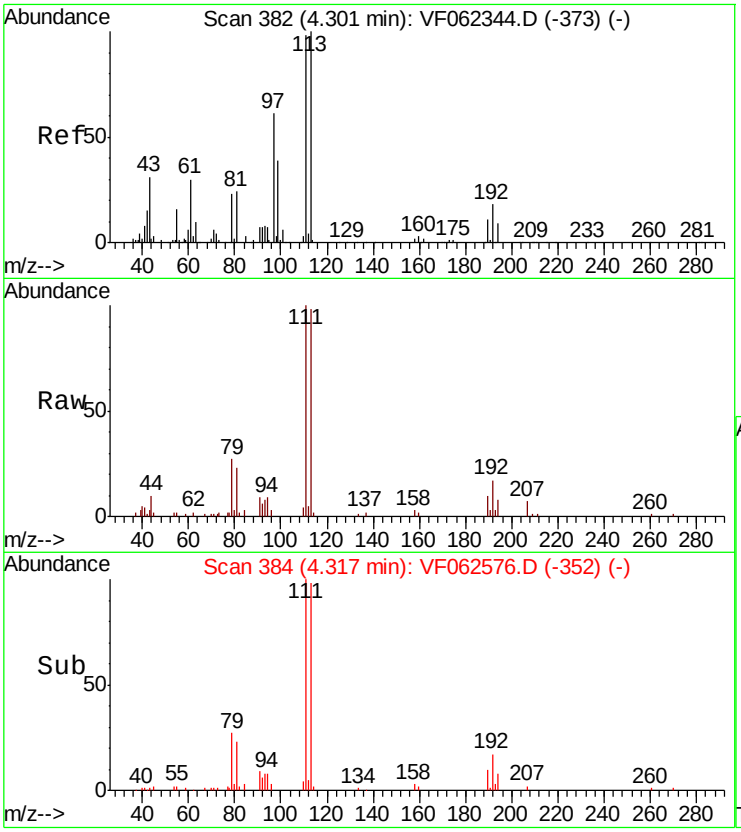


#35
Dibromofluoromethane
Concen: 51.253 ug/l
RT: 4.34 min Scan# 386
Delta R.T. 0.04 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Tgt Ion:113 Resp: 39034

Ion	Ratio	Lower	Upper
113	100		
111	100.8	79.4	119.0
192	20.3	16.0	24.0



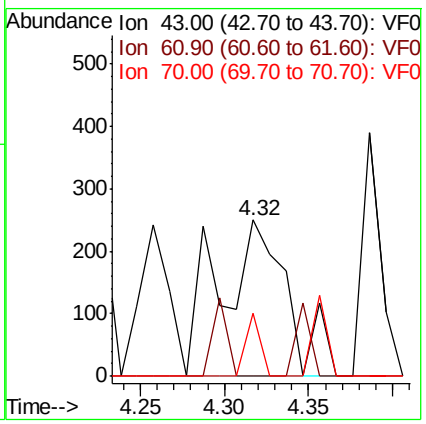


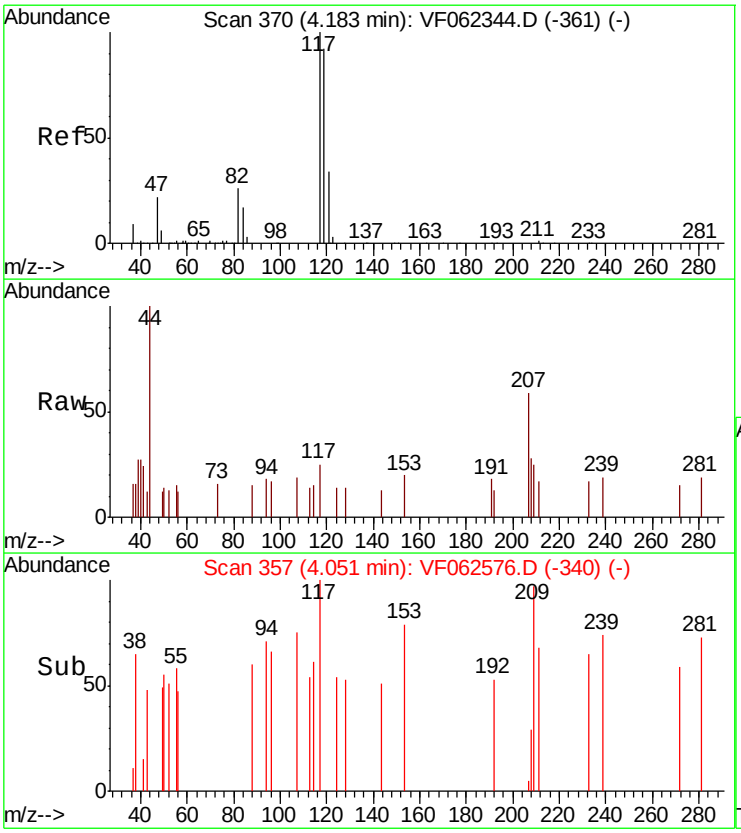
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.32 min Scan# 384
Delta R.T. 0.02 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS009-0206-01

Tgt Ion: 43 Resp: 706

Ion	Ratio	Lower	Upper
43	100		
61	10.5	0.0	0.0#
70	8.5	8.2	12.2

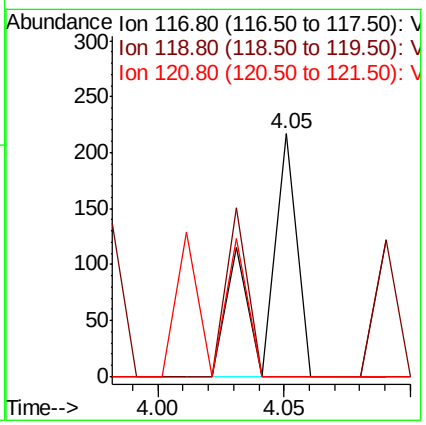


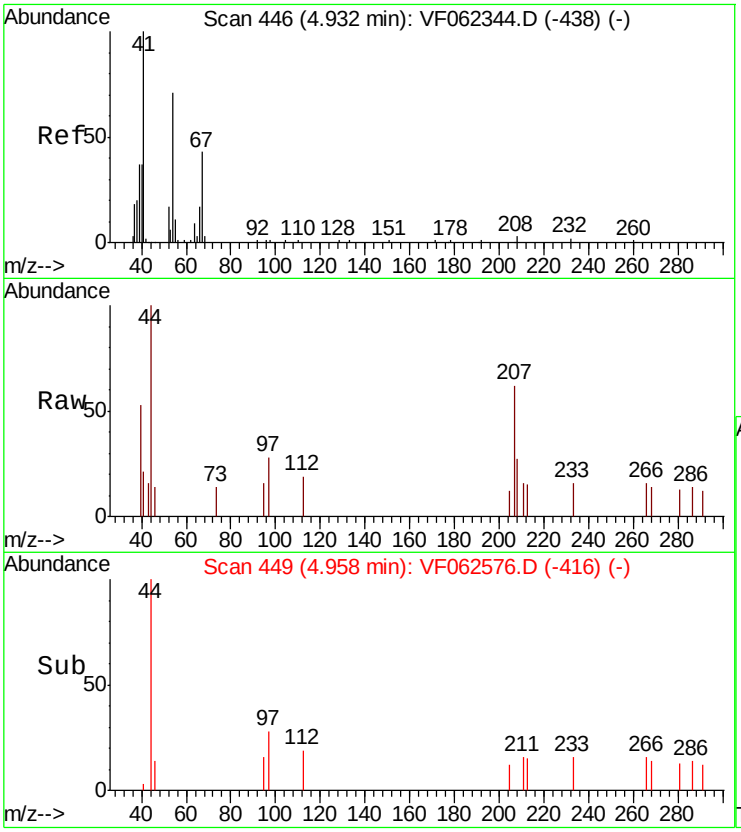


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.05 min Scan# 357
Delta R.T. -0.13 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Tgt Ion:117 Resp: 196

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



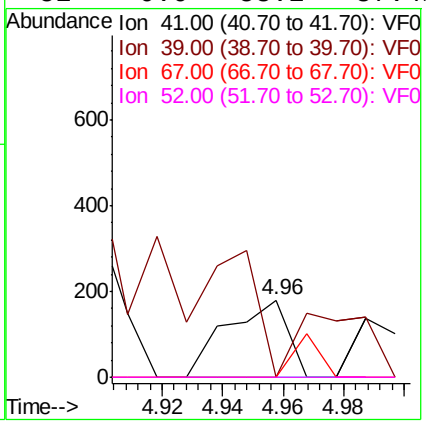


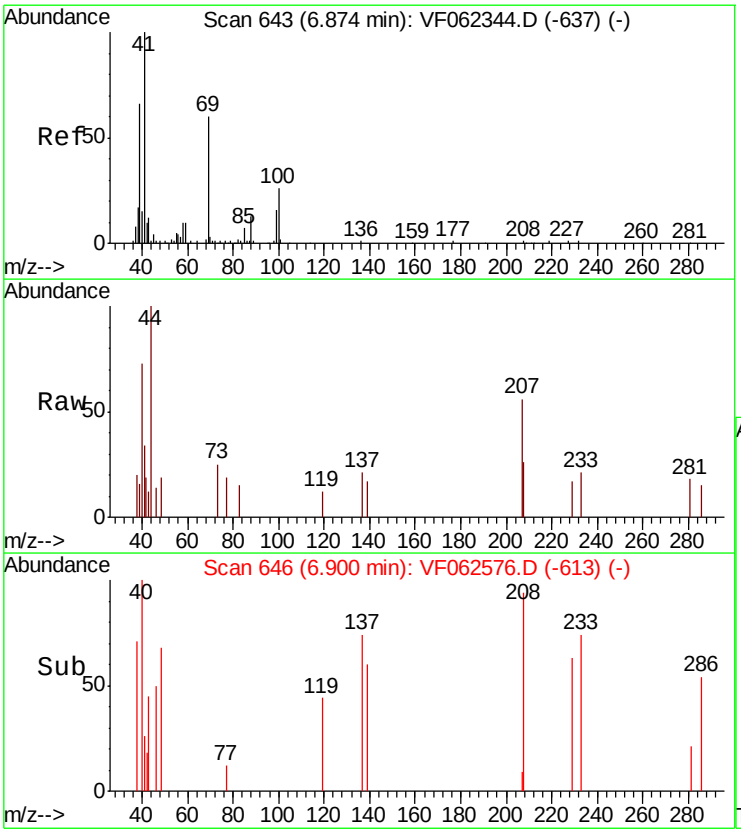
#41
Methacrylonitrile
Concen: 1.285 ug/l
RT: 4.96 min Scan# 449
Delta R.T. 0.03 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS009-0206-01

Tgt Ion: 41 Resp: 253

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

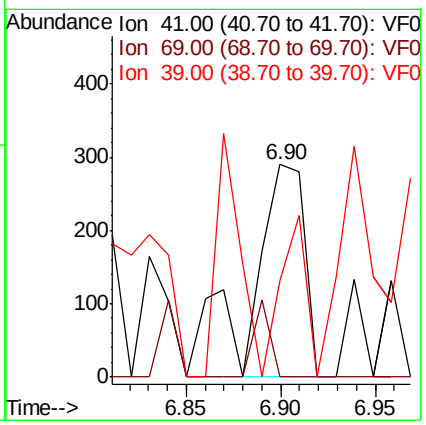


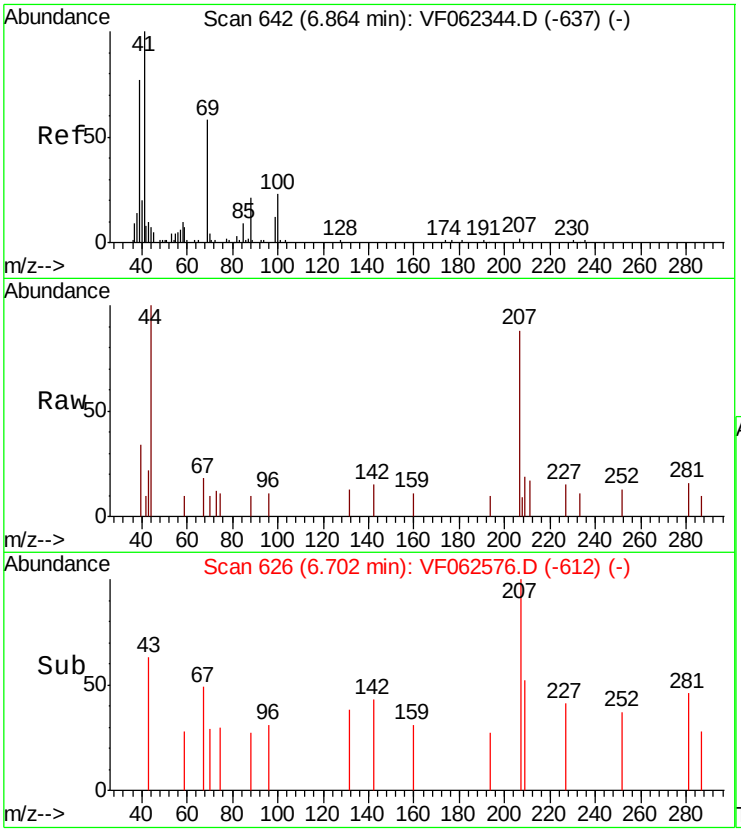


#48
Methyl methacrylate
Concen: 2.167 ug/l
RT: 6.90 min Scan# 646
Delta R.T. 0.03 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Tgt Ion: 41 Resp: 572

Ion	Ratio	Lower	Upper
41	100		
69	10.8	48.6	72.8#
39	36.4	56.1	84.1#



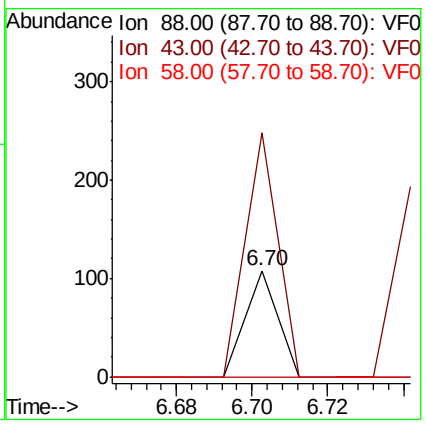


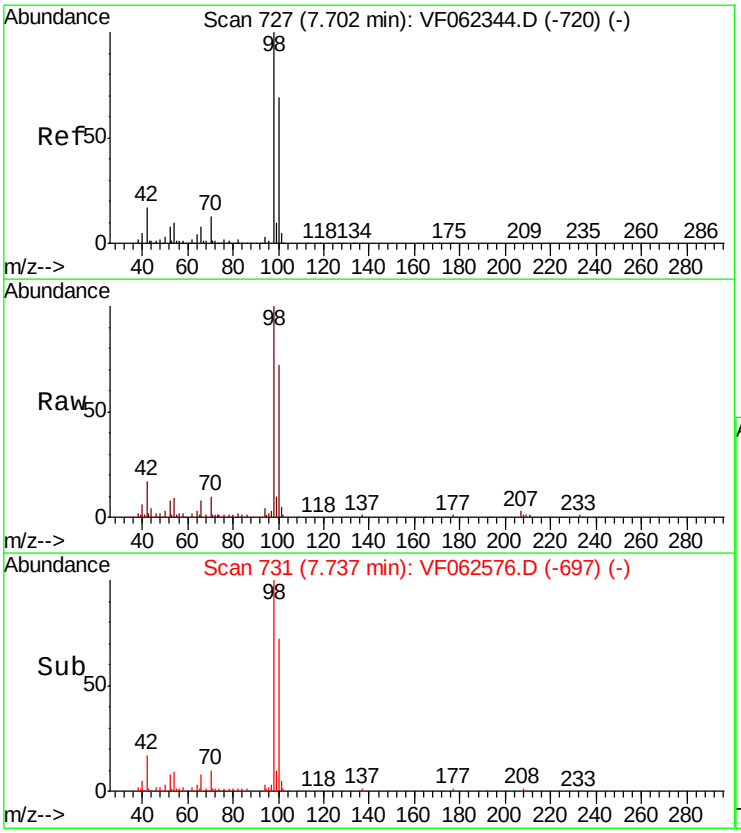
#49
1,4-Dioxane
Concen: 10.646 ug/l
RT: 6.70 min Scan# 626
Delta R.T. -0.16 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS009-0206-01

Tgt Ion: 88 Resp: 64

Ion	Ratio	Lower	Upper
88	100		
43	229.7	55.6	83.4#
58	0.0	52.8	79.2#

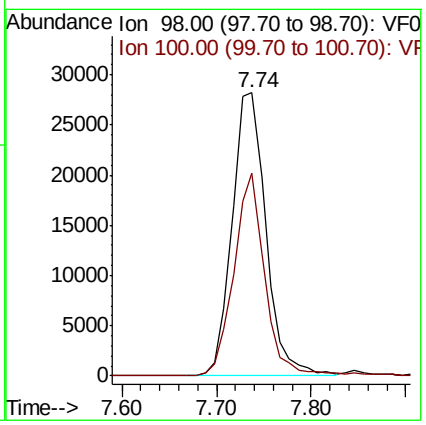


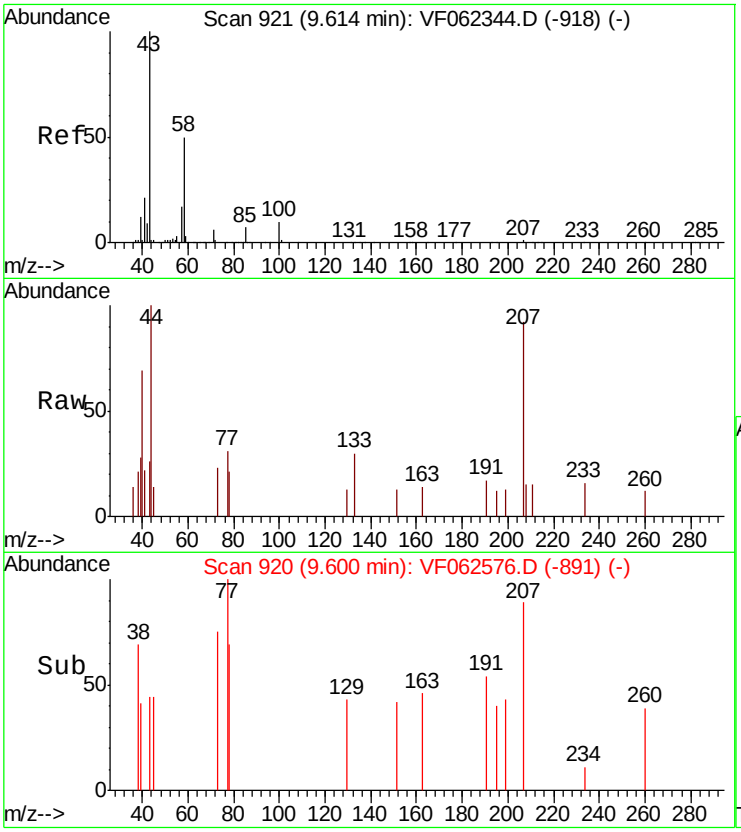


#50
Toluene-d8
Concen: 37.862 ug/l
RT: 7.74 min Scan# 731
Delta R.T. 0.04 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Tgt Ion: 98 Resp: 69800

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.3	79.9



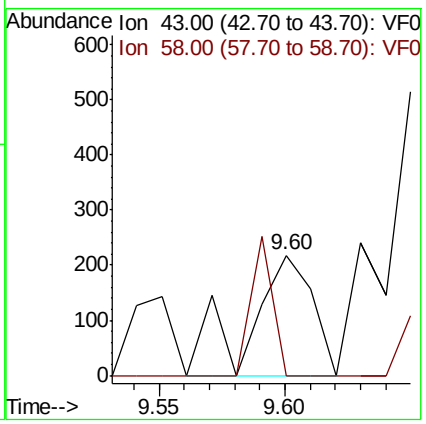


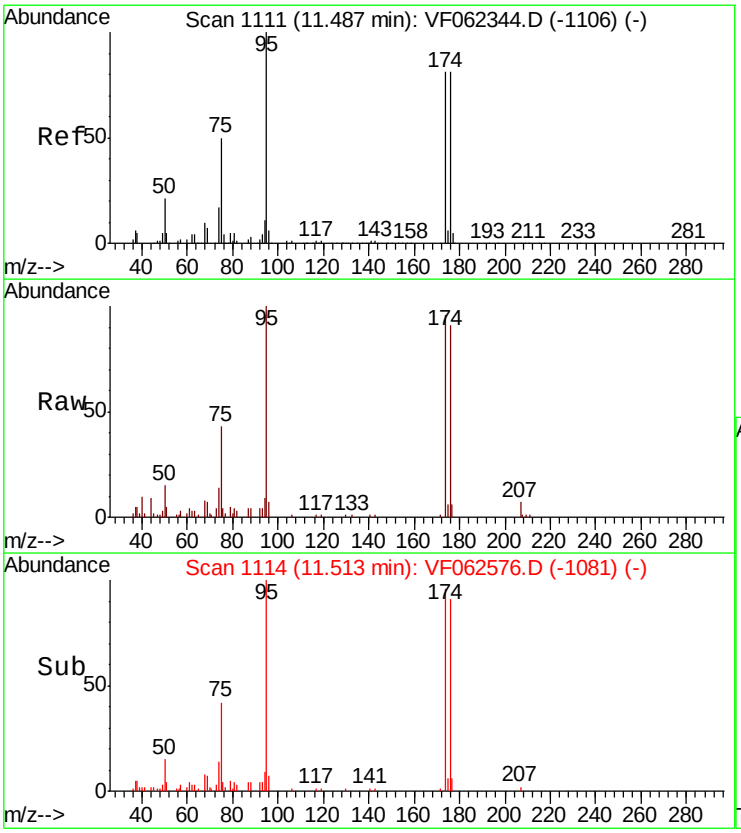
#59
2-Hexanone
Concen: 1.972 ug/l
RT: 9.60 min Scan# 920
Delta R.T. -0.01 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Instrument : MSVOA_F
ClientSampleId : P021-SS009-0206-01

Tgt Ion: 43 Resp: 386

Ion	Ratio	Lower	Upper
43	100		
58	38.9	24.3	73.0

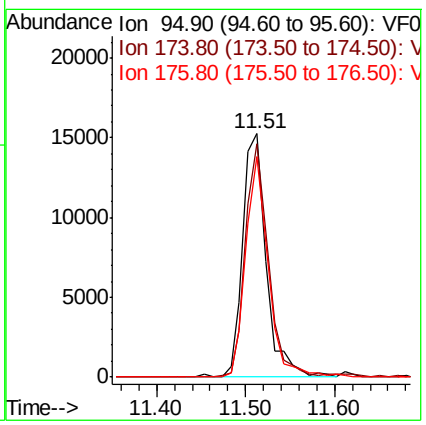


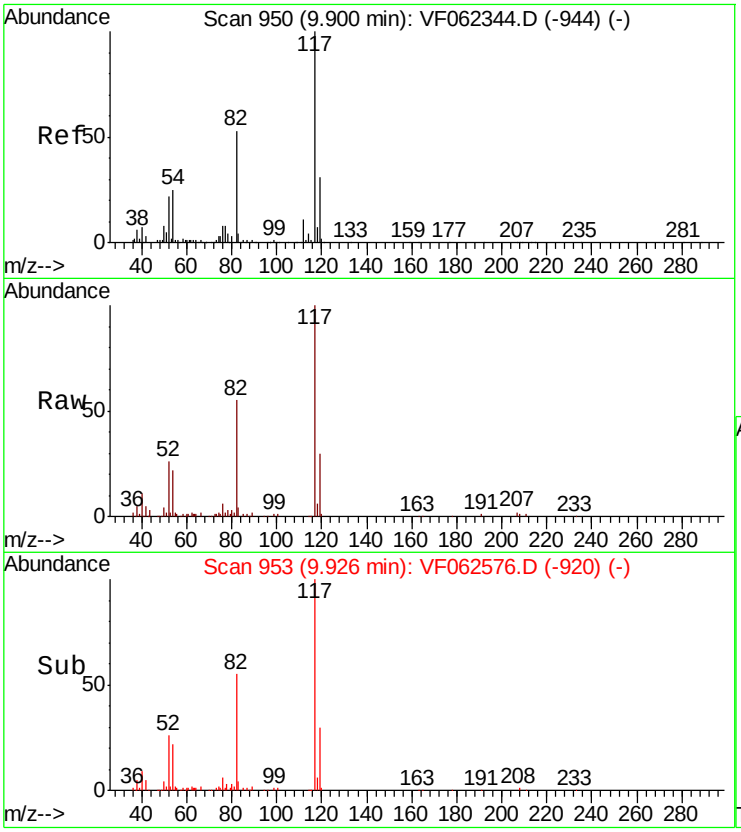


#62
4-Bromofluorobenzene
Concen: 33.607 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.03 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Tgt Ion: 95 Resp: 27952

Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	191.8
176	86.8	0.0	193.2



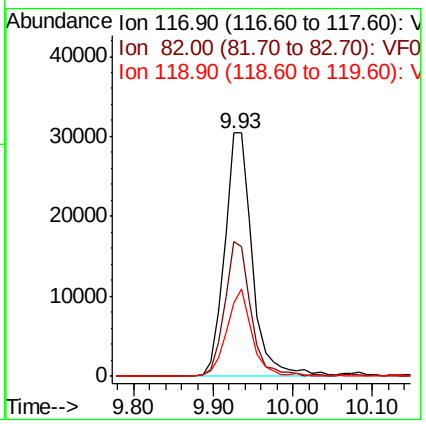


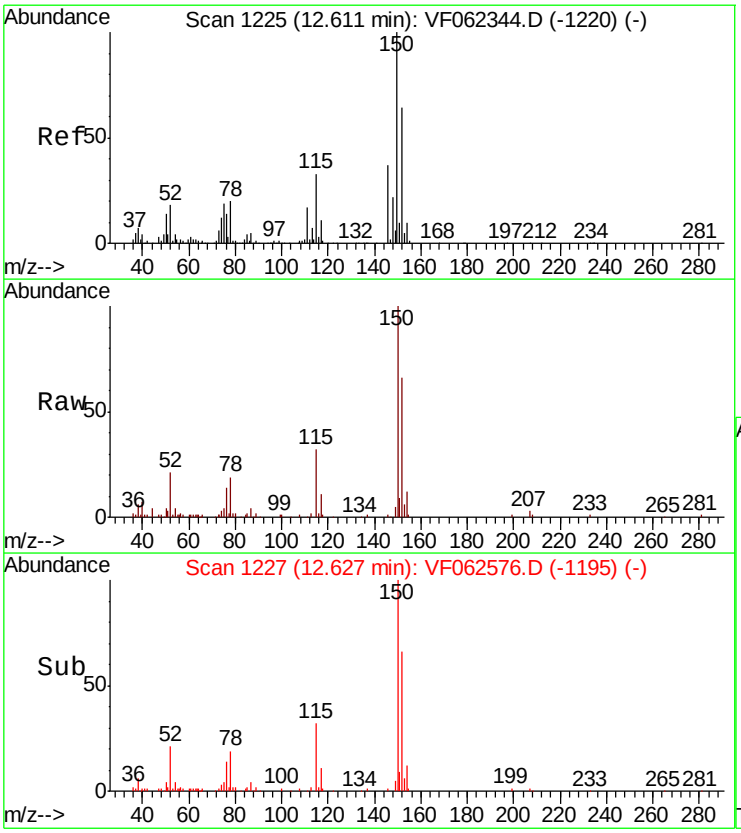
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS009-0206-01

Tgt Ion:117 Resp: 74372

Ion	Ratio	Lower	Upper
117	100		
82	55.2	42.2	63.2
119	30.0	25.0	37.4

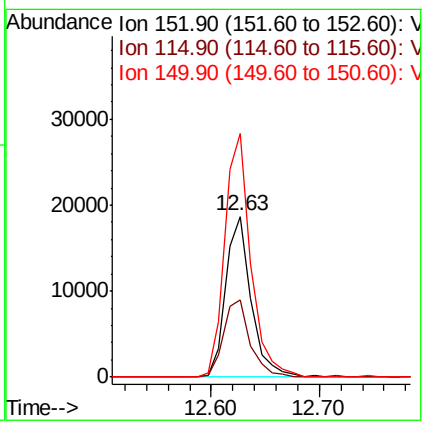


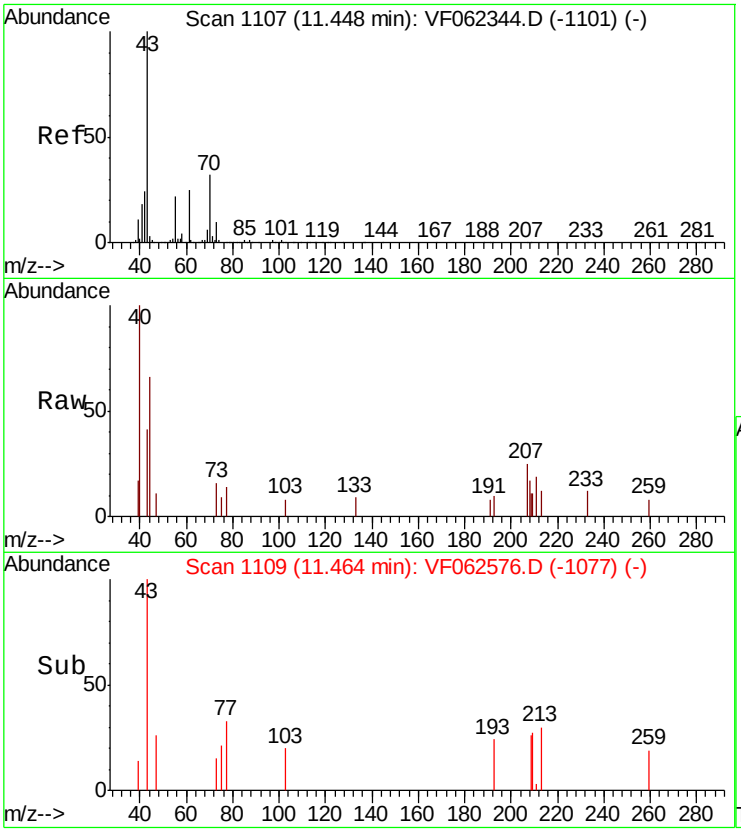


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.02 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Tgt Ion:152 Resp: 30488

Ion	Ratio	Lower	Upper
152	100		
115	50.7	26.4	79.2
150	155.5	0.0	335.0



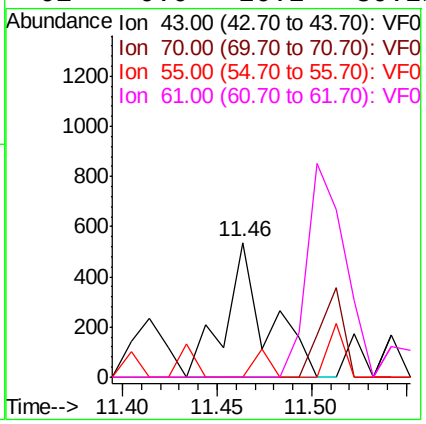


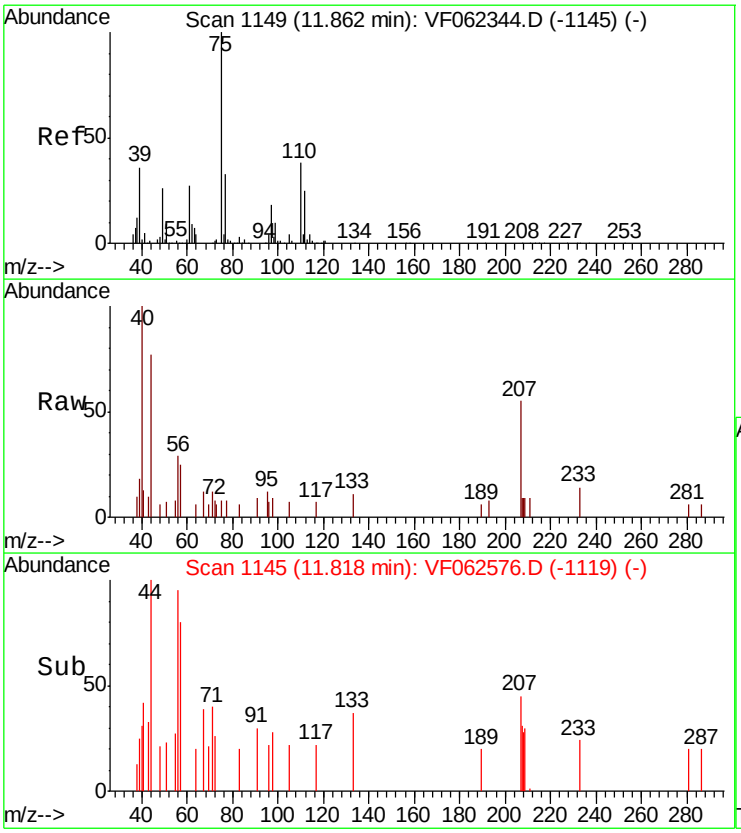
#74
N-amyl acetate
Concen: 2.131 ug/l
RT: 11.46 min Scan# 1109
Delta R.T. 0.02 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS009-0206-01

Tgt Ion: 43 Resp: 827

Ion	Ratio	Lower	Upper
43	100		
70	0.0	26.5	39.7#
55	7.9	17.8	26.6#
61	0.0	20.2	30.2#

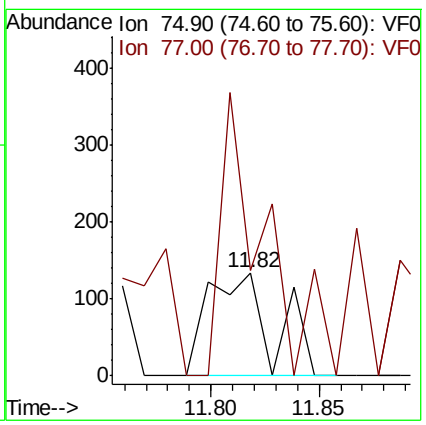


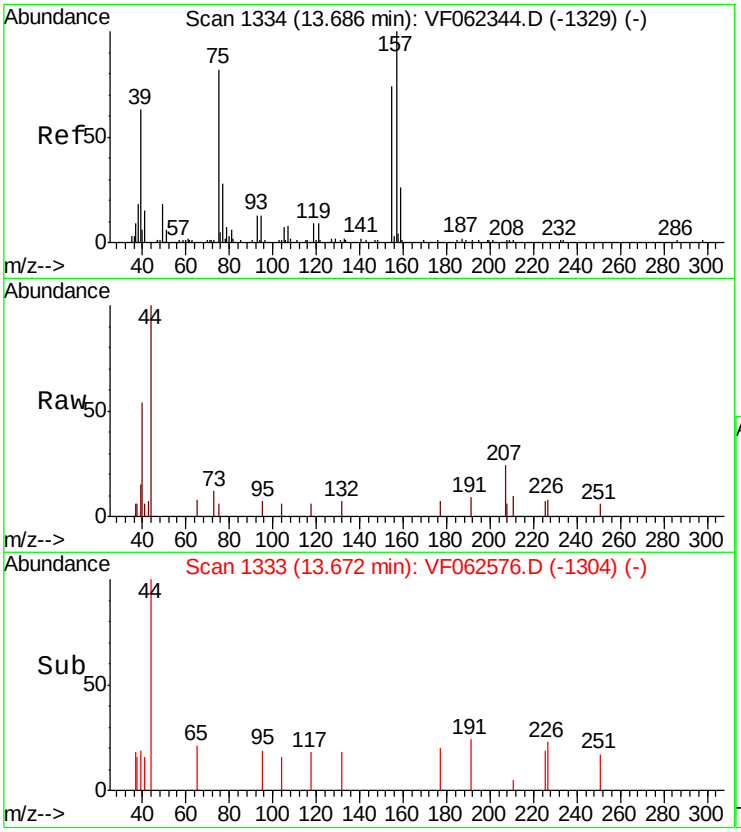


#76
1,2,3-Trichloropropane
Concen: 1.306 ug/l
RT: 11.82 min Scan# 1145
Delta R.T. -0.04 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Tgt Ion: 75 Resp: 282

Ion	Ratio	Lower	Upper
75	100		
77	152.8	0.0	0.0#





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.057 ug/l
RT: 13.67 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VF062576.D
Acq: 14 May 2019 8:42

Instrument :
MSVOA_F
ClientSampleId :
P021-SS009-0206-01

Tgt Ion: 75 Resp: 67

Ion	Ratio	Lower	Upper
75	100		
155	0.0	51.8	155.4#
157	143.3	67.3	201.8