Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051119\
Data File : VF062471.D
Acq On : 11 May 2019 20:23
Operator : FY/SY
Sample : K2734-19
Misc : 5.87/5mL/MSVOA_F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P026-SS014-1218-01

Quant Time: May 12 03:49:30 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	5.06	168	147710	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	212614	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	152516	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	79516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	99988	71.63	ug/l	0.01
Spiked Amount 50.000			Recovery = 143.26%			
35) Dibromofluoromethane	4.31	113	102011	60.22	ug/l	0.01
Spiked Amount 50.000			Recovery = 120.44%			
50) Toluene-d8	7.72	98	119194	29.07	ug/l	0.01
Spiked Amount 50.000			Recovery = 58.14%			
62) 4-Bromofluorobenzene	11.50	95	57997	31.35	ug/l	0.01
Spiked Amount 50.000			Recovery = 62.70%			
Target Compounds						Qvalue
5) Bromomethane	1.43	94	707	Below Cal	#	75
8) Diethyl Ether	1.72	74	810	2.294	ug/l	73
11) Tert butyl alcohol	2.69	59	711	9.012	ug/l #	75
13) Acrolein	2.14	56	632	Below Cal	#	76
15) Acrylonitrile	3.08	53	1055	7.059	ug/l #	46
16) Acetone	2.34	43	11398	40.363	ug/l	95
18) Methyl Acetate	2.47	43	3269	3.431	ug/l #	87
20) Methylene Chloride	2.34	84	3674	3.596	ug/l #	87
25) 2-Butanone	4.51	43	1031	2.906	ug/l #	60
29) Tetrahydrofuran	4.26	42	843	5.170	ug/l #	36
37) Ethyl Acetate	4.29	43	734	Below Cal	#	73
38) Carbon Tetrachloride	4.22	117	76	Below Cal	#	14
39) Methylcyclohexane	5.77	83	4201	2.293	ug/l #	41
41) Methacrylonitrile	4.94	41	438	1.000	ug/l #	1
49) 1,4-Dioxane	6.88	88	61	Below Cal	#	1
59) 2-Hexanone	9.64	43	1160	2.664	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.94	75	221	1.044	ug/l #	81

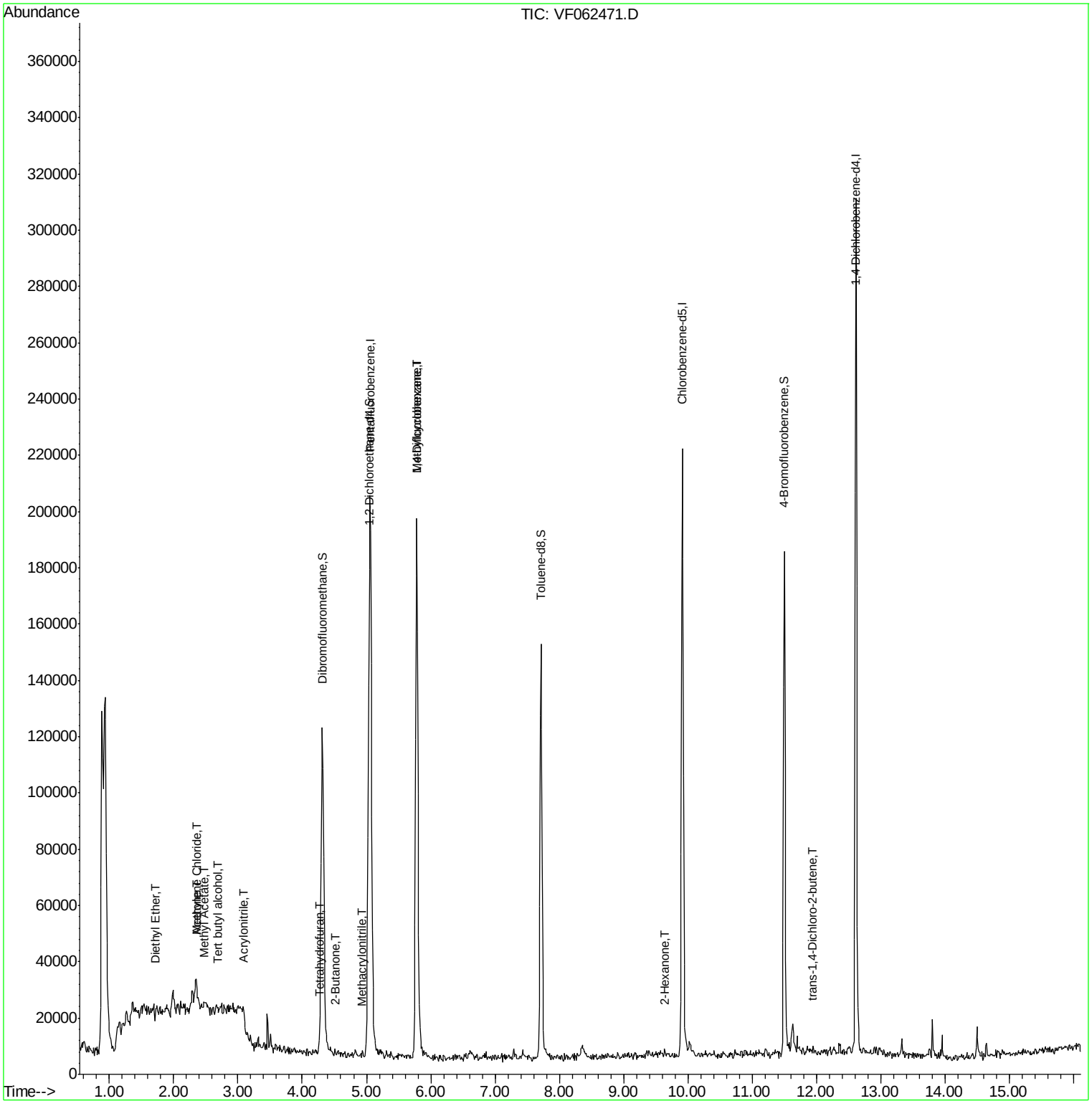
(#) = qualifier out of range (m) = manual integration (+) = signals summed

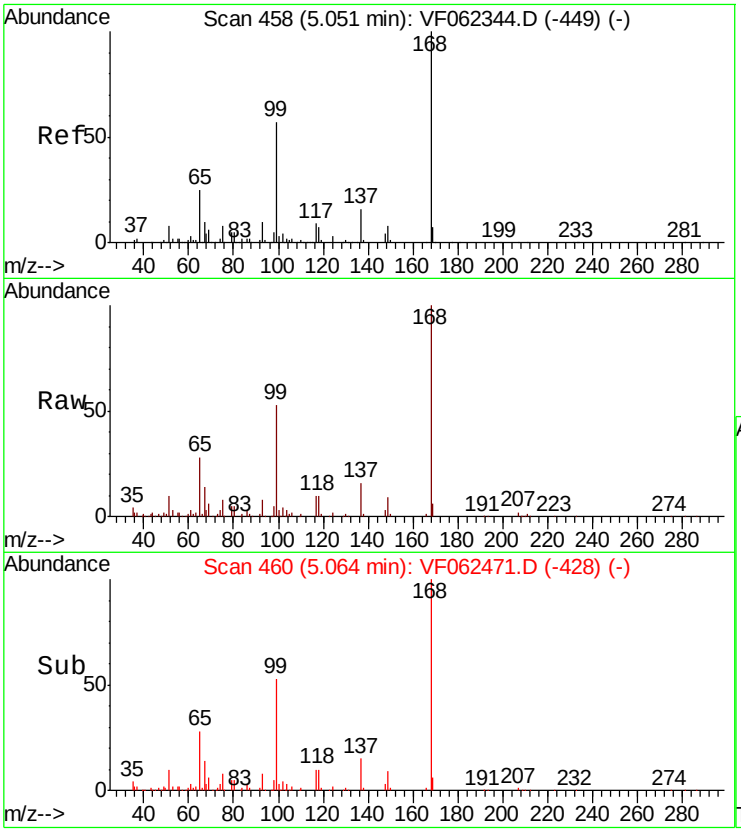
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051119\
Data File : VF062471.D
Acq On : 11 May 2019 20:23
Operator : FY/SY
Sample : K2734-19
Misc : 5.87/5mL/MSVOA_F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-1218-01

Quant Time: May 12 03:49:30 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



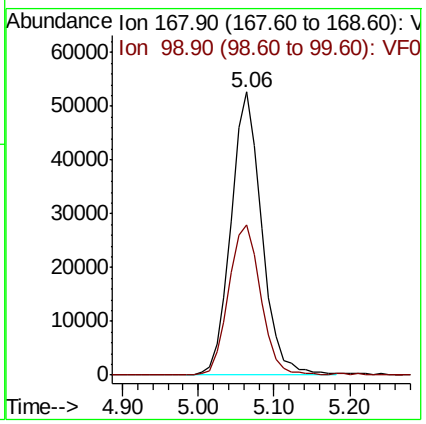


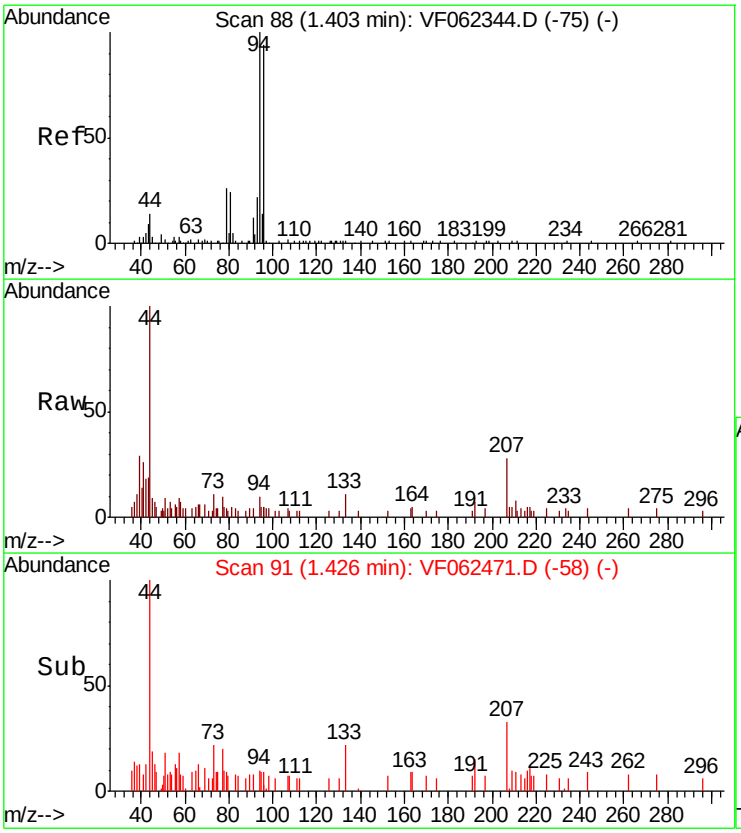
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 460
Delta R.T. 0.01 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-1218-01

Tgt Ion:168 Resp: 147710

Ion	Ratio	Lower	Upper
168	100		
99	53.1	45.9	68.9

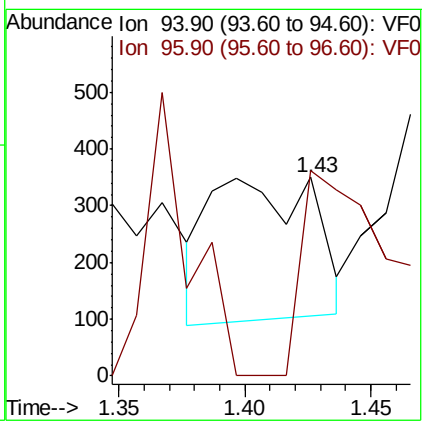


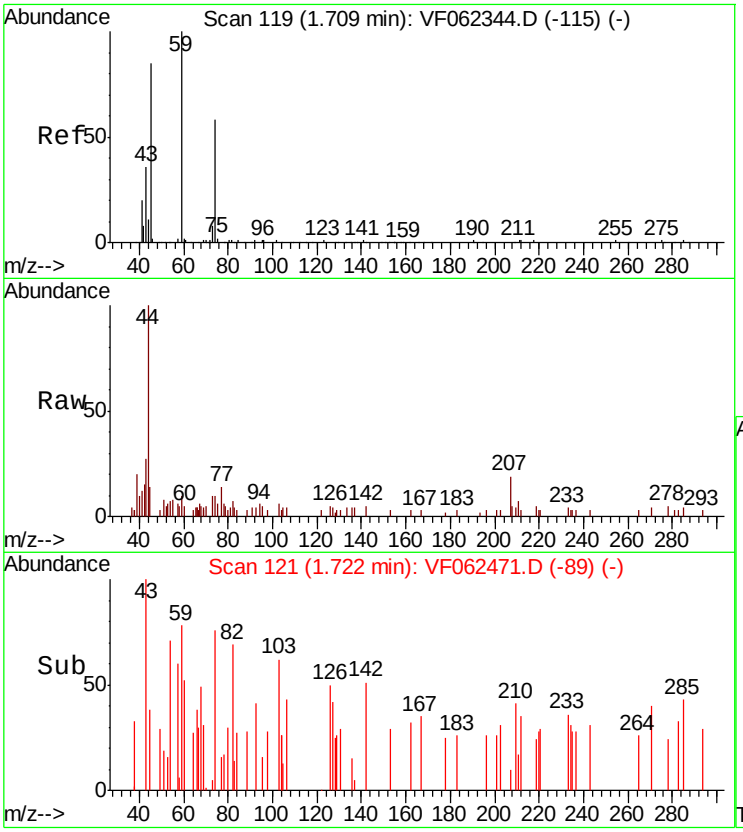


#5
Bromomethane
Concen: Below Cal
RT: 1.43 min Scan# 91
Delta R.T. 0.02 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Tgt Ion: 94 Resp: 707

Ion	Ratio	Lower	Upper
94	100		
96	118.2	75.4	113.2#



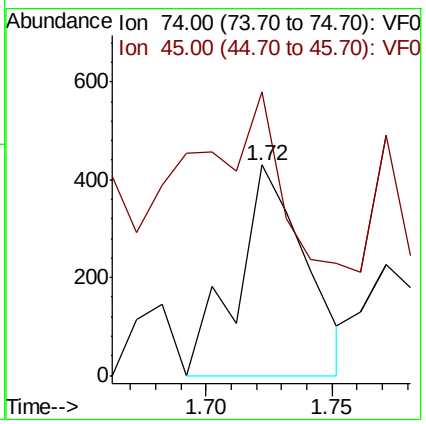


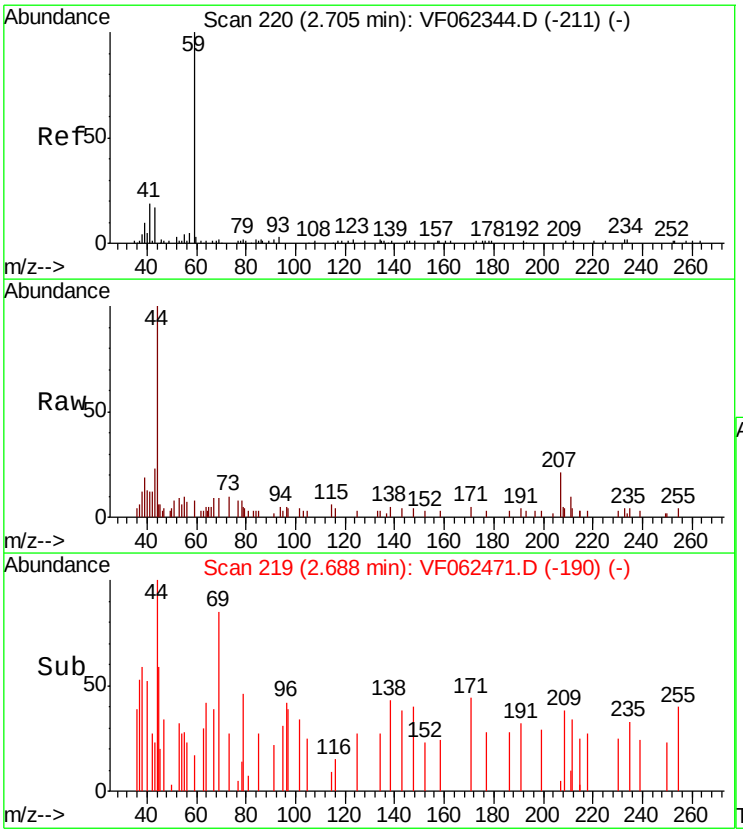
#8
Diethyl Ether
Concen: 2.294 ug/l
RT: 1.72 min Scan# 121
Delta R.T. 0.01 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-1218-01

Tgt Ion: 74 Resp: 810

Ion	Ratio	Lower	Upper
74	100		
45	114.3	73.9	221.6

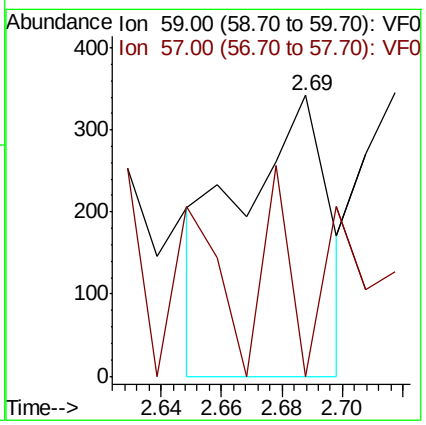


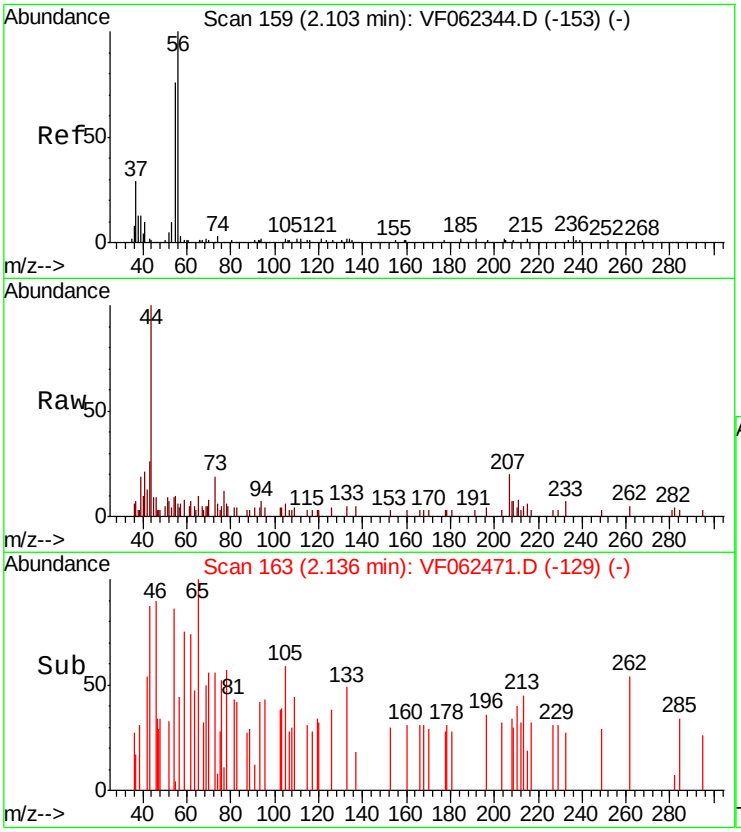


#11
Tert butyl alcohol
Concen: 9.012 ug/l
RT: 2.69 min Scan# 219
Delta R.T. -0.02 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Tgt Ion: 59 Resp: 711

Ion	Ratio	Lower	Upper
59	100		
57	21.2	9.3	13.9#



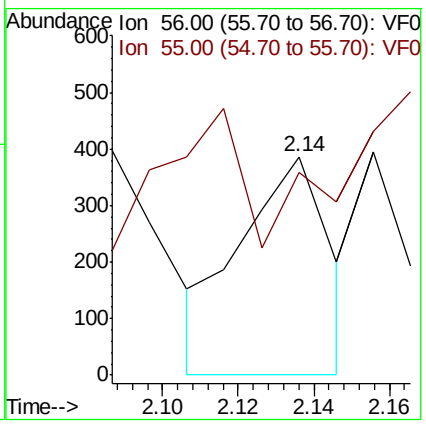


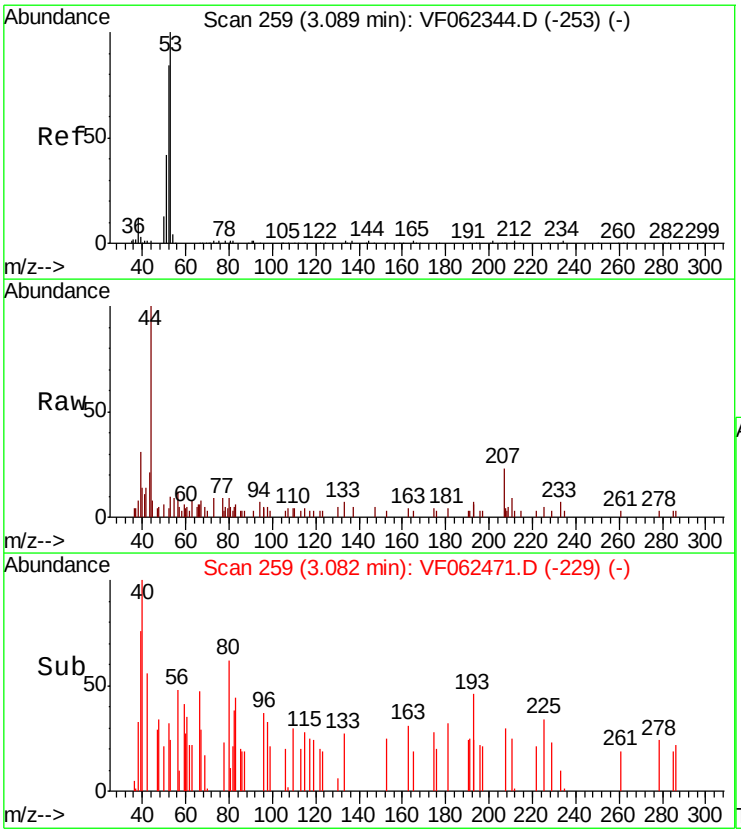
#13
Acrolein
Concen: Below Cal
RT: 2.14 min Scan# 163
Delta R.T. 0.03 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-1218-01

Tgt Ion: 56 Resp: 632

Ion	Ratio	Lower	Upper
56	100		
55	53.2	58.4	87.6#

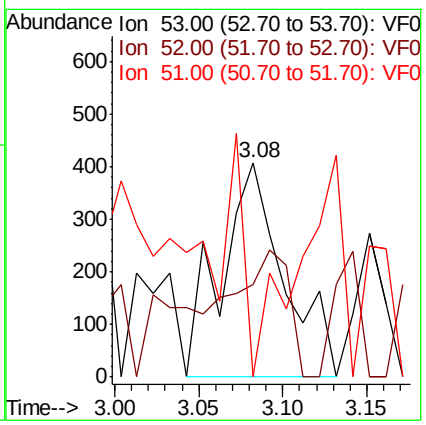


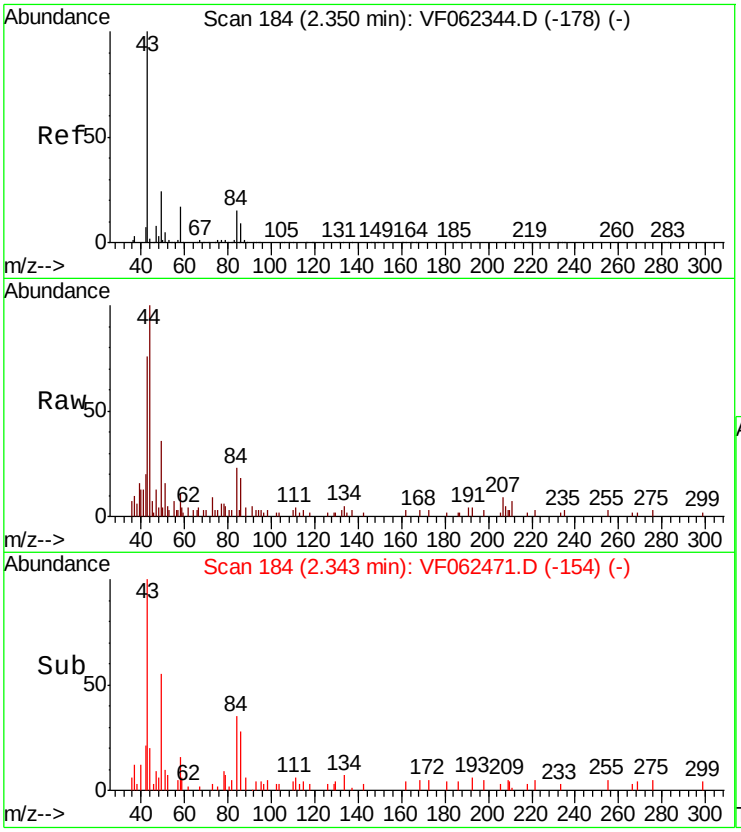


#15
Acrylonitrile
Concen: 7.059 ug/l
RT: 3.08 min Scan# 259
Delta R.T. -0.01 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Tgt Ion: 53 Resp: 1055

Ion	Ratio	Lower	Upper
53	100		
52	52.8	77.2	115.8#
51	0.0	40.6	61.0#



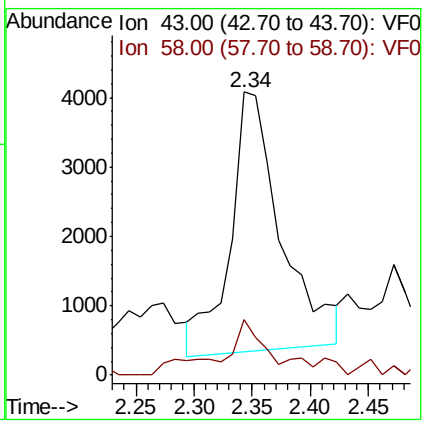


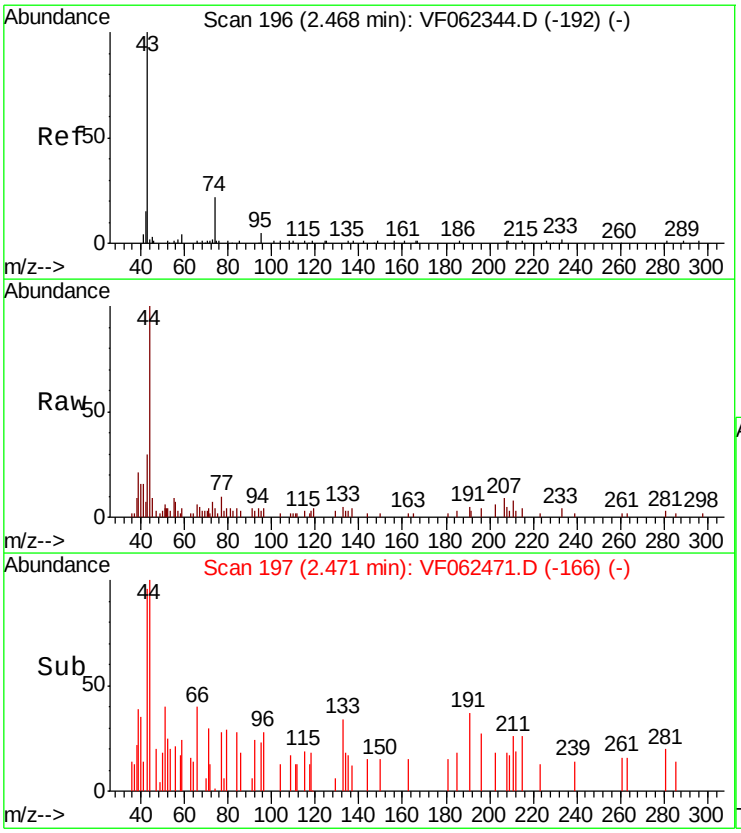
#16
Acetone
Concen: 40.363 ug/l
RT: 2.34 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-1218-01

Tgt Ion: 43 Resp: 11398

Ion	Ratio	Lower	Upper
43	100		
58	18.7	13.1	19.7

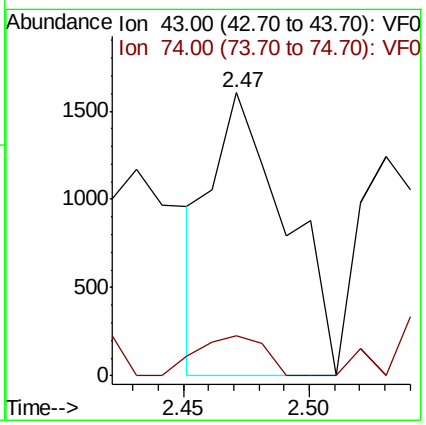


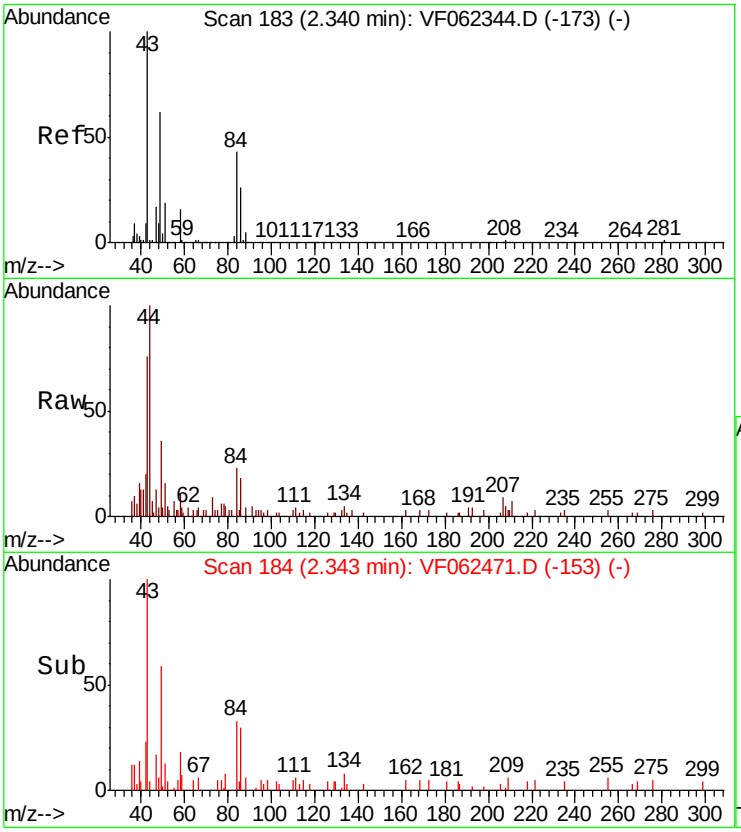


#18
Methyl Acetate
Concen: 3.431 ug/l
RT: 2.47 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Tgt Ion: 43 Resp: 3269

Ion	Ratio	Lower	Upper
43	100		
74	12.8	15.0	22.4#



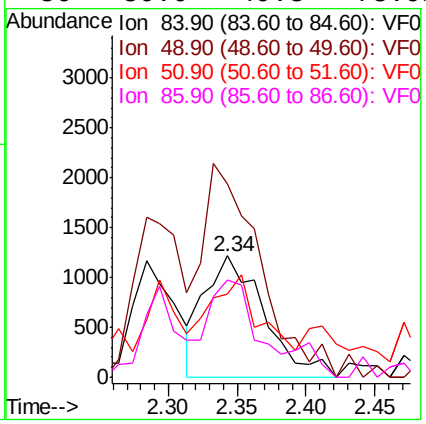


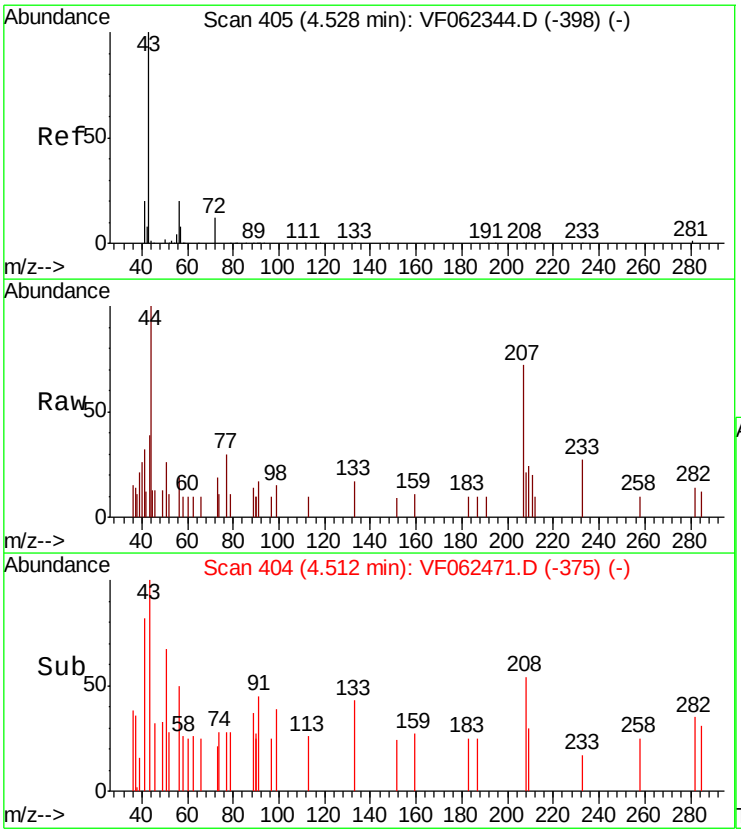
#20
Methylene Chloride
Concen: 3.596 ug/l
RT: 2.34 min Scan# 184
Delta R.T. 0.00 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Instrument : MSVOA_F
ClientSampleId : P026-SS014-1218-01

Tgt Ion: 84 Resp: 3674

Ion	Ratio	Lower	Upper
84	100		
49	159.0	117.5	176.3
51	41.1	37.0	55.4
86	80.0	49.3	73.9#

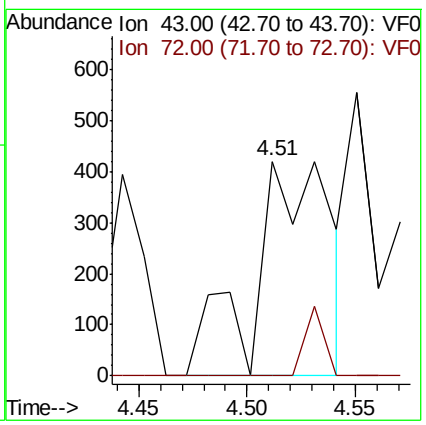


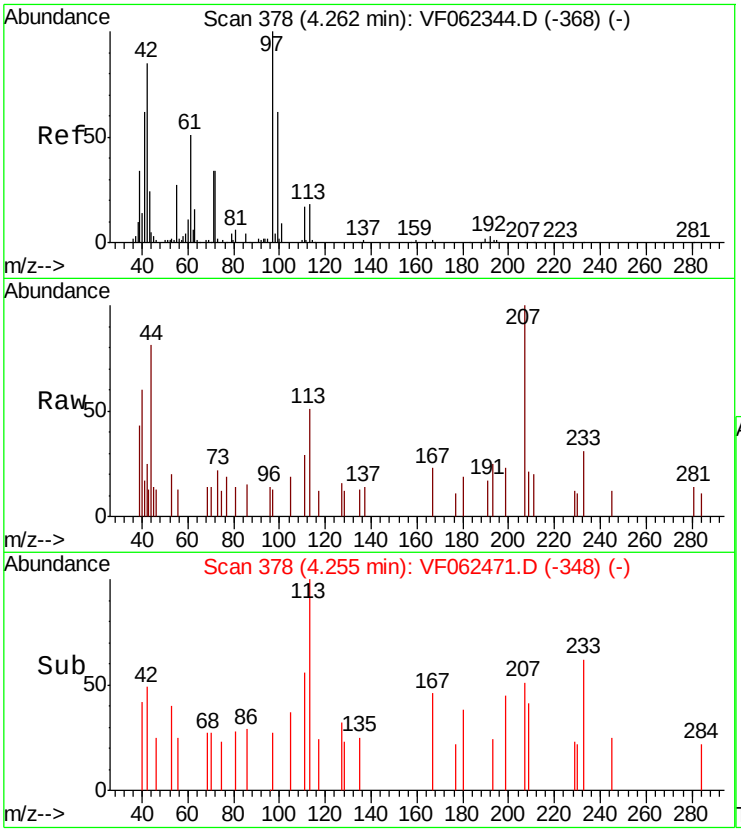


#25
2-Butanone
Concen: 2.906 ug/l
RT: 4.51 min Scan# 404
Delta R.T. -0.02 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Tgt Ion: 43 Resp: 1031

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#



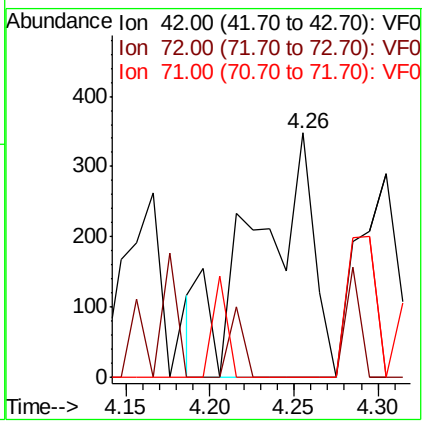


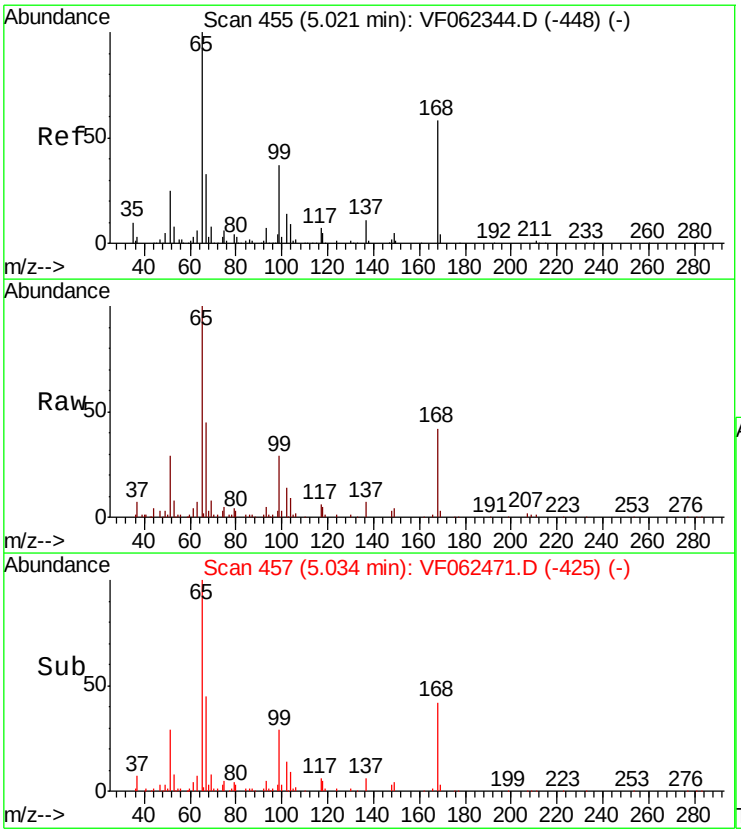
#29
Tetrahydrofuran
Concen: 5.170 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.01 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-1218-01

Tgt Ion: 42 Resp: 843

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

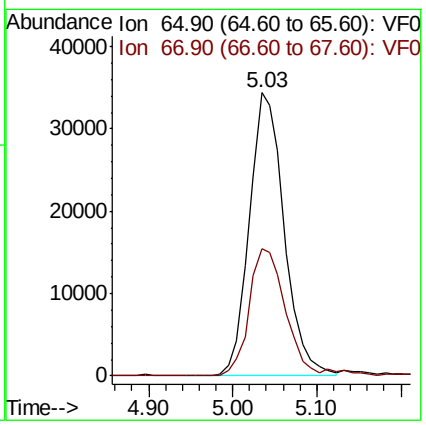


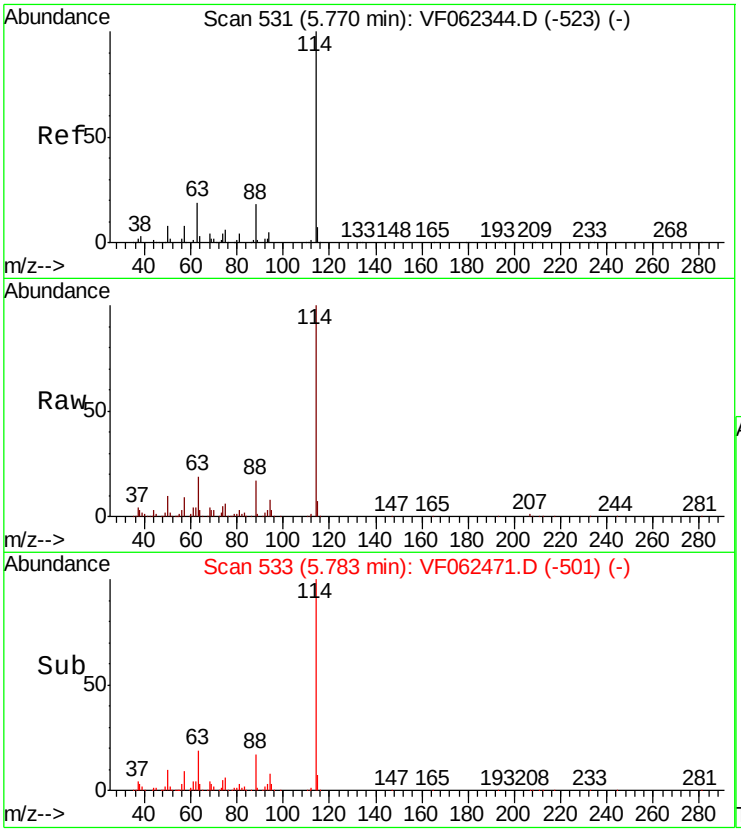


#33
1,2-Dichloroethane-d4
Concen: 71.629 ug/l
RT: 5.03 min Scan# 457
Delta R.T. 0.01 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Tgt Ion: 65 Resp: 99988

Ion	Ratio	Lower	Upper
65	100		
67	46.1	0.0	85.8



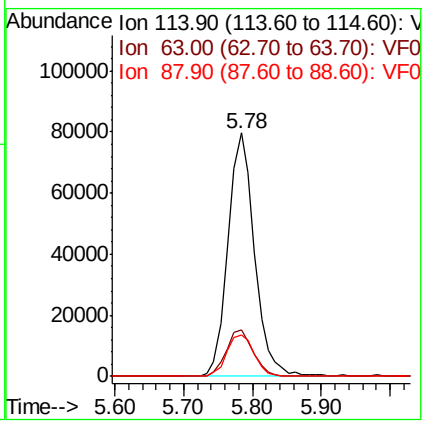


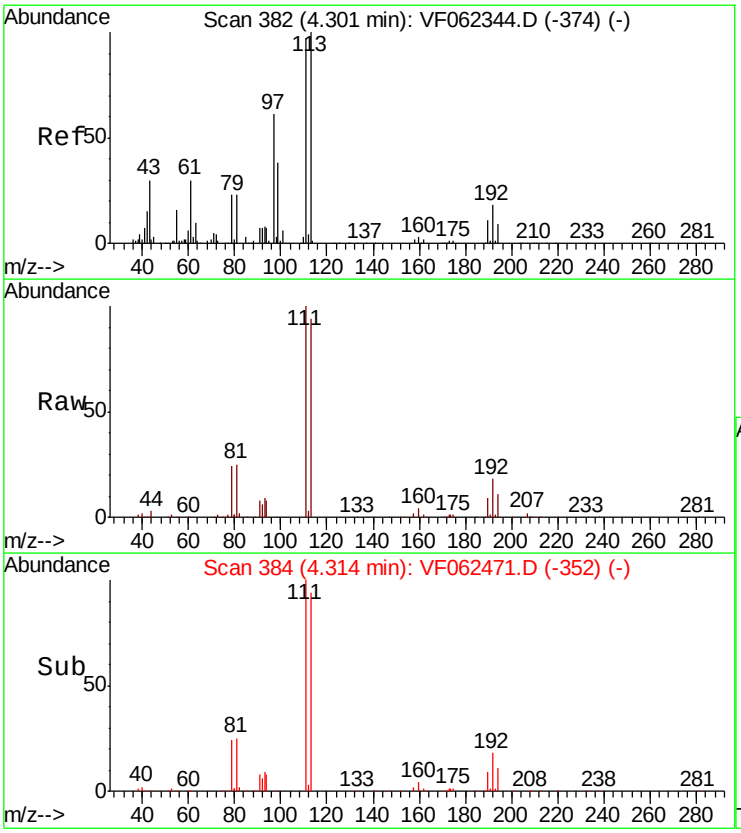
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.01 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-1218-01

Tgt Ion:114 Resp: 212614

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	37.4
88	17.0	0.0	36.4

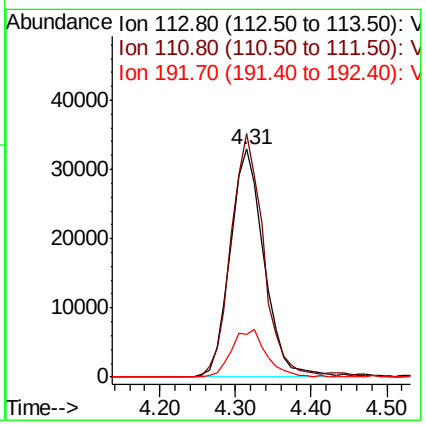


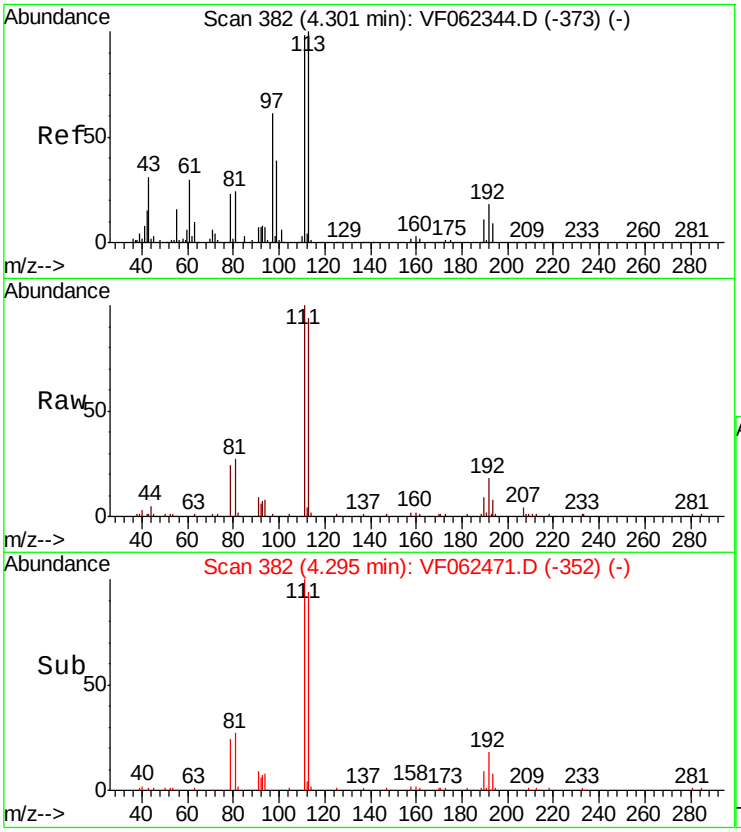


#35
Dibromofluoromethane
Concen: 60.224 ug/l
RT: 4.31 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Tgt Ion:113 Resp: 102011

Ion	Ratio	Lower	Upper
113	100		
111	102.1	79.4	119.0
192	21.9	16.0	24.0



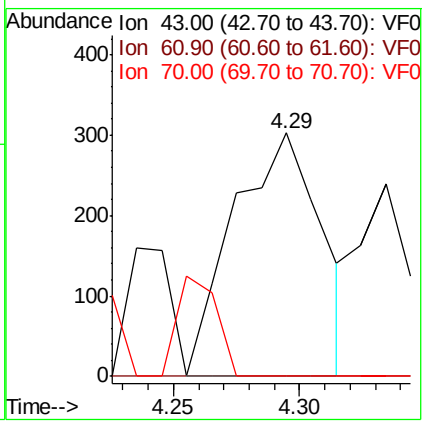


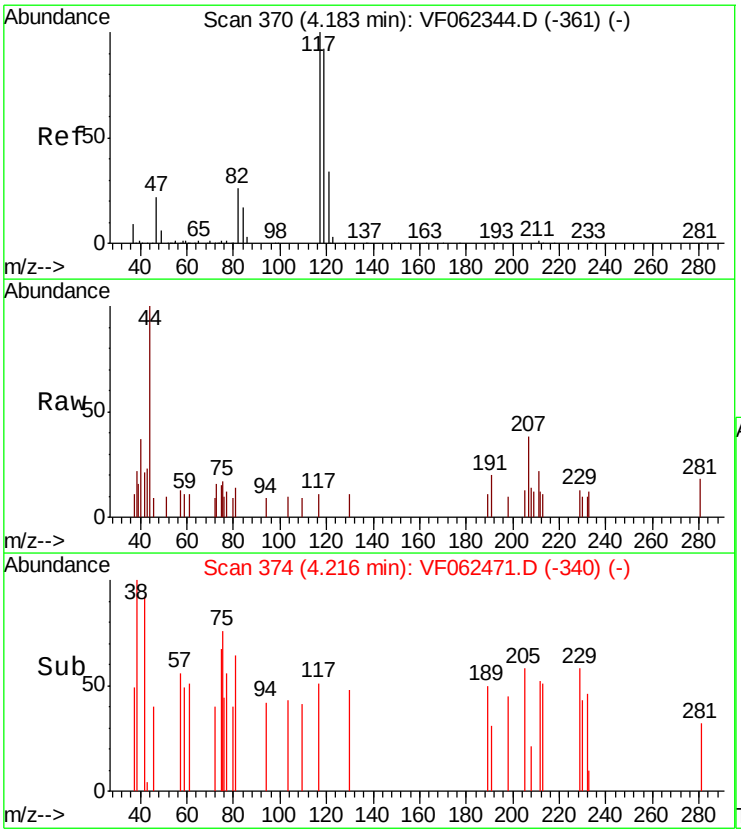
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.29 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-1218-01

Tgt Ion: 43 Resp: 734

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

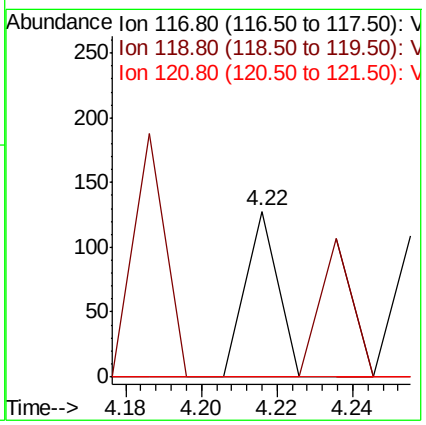


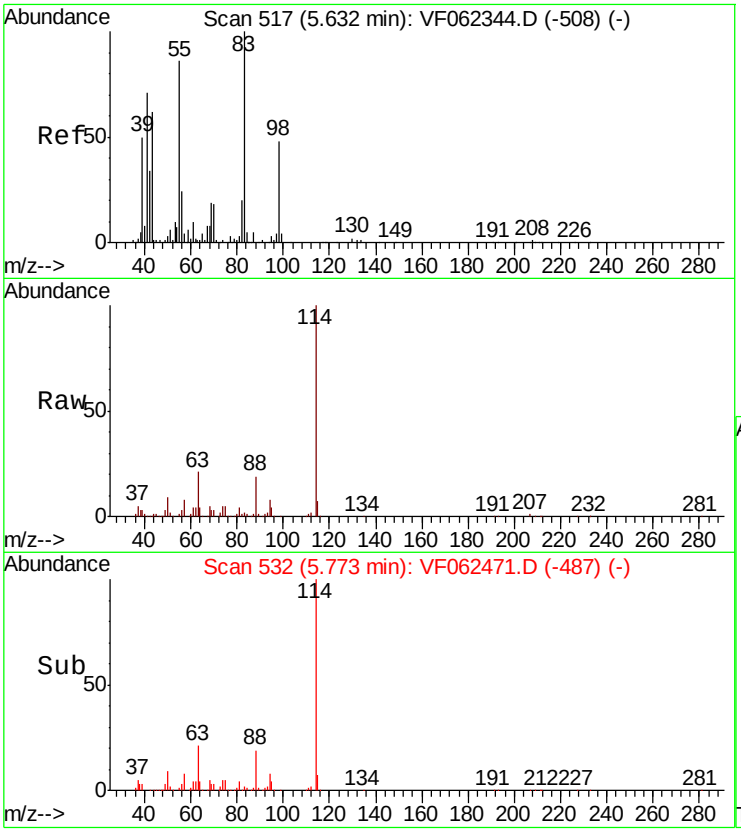


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.22 min Scan# 374
Delta R.T. 0.03 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Tgt Ion:117 Resp: 76

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



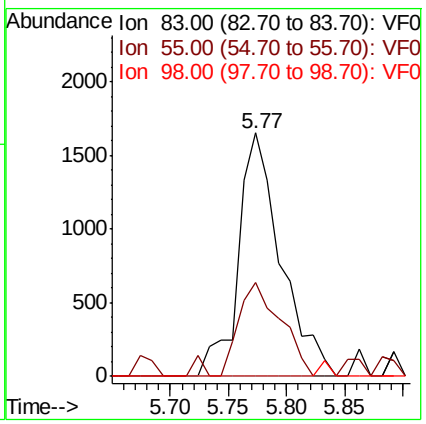


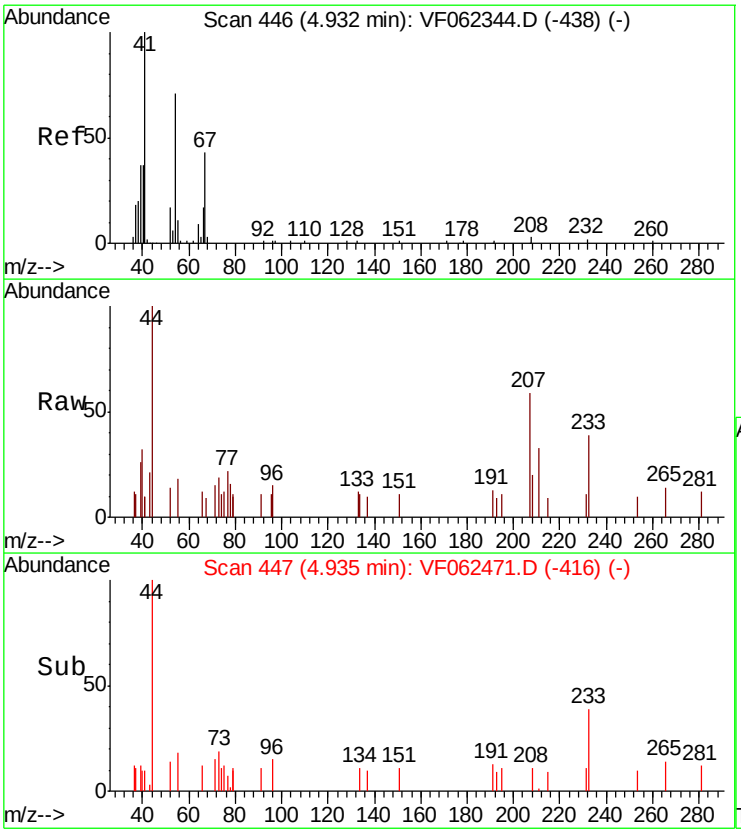
#39
Methylcyclohexane
Concen: 2.293 ug/l
RT: 5.77 min Scan# 532
Delta R.T. 0.14 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-1218-01

Tgt Ion: 83 Resp: 4201

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

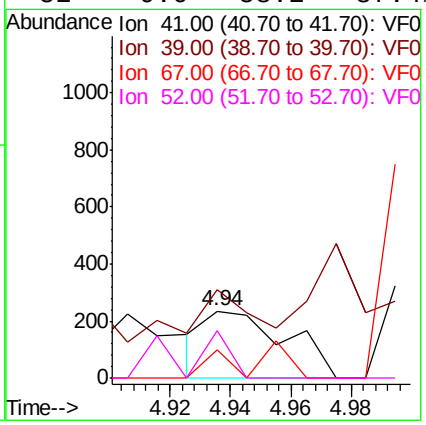


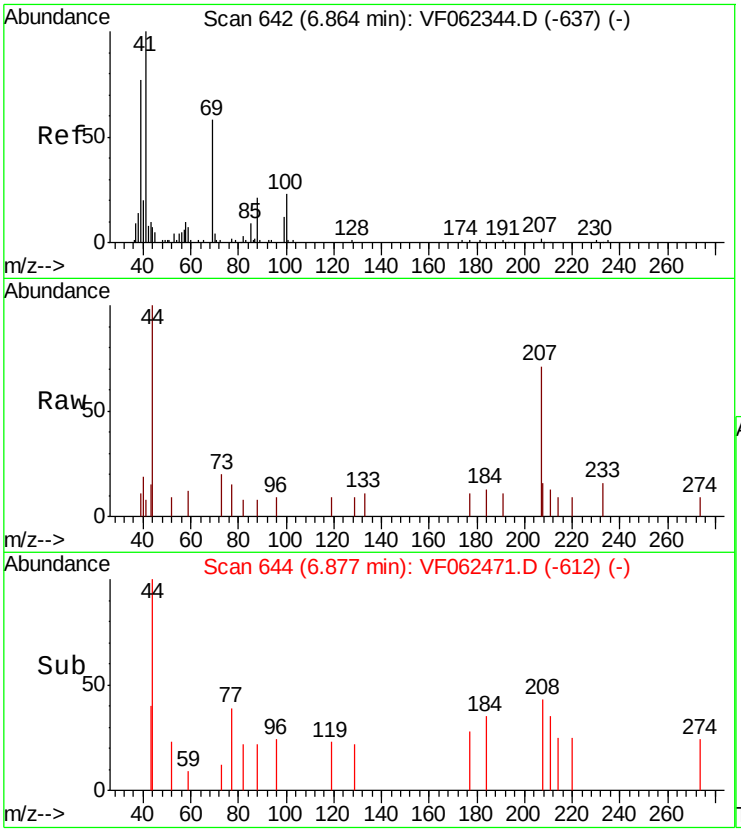


#41
Methacrylonitrile
Concen: 1.000 ug/l
RT: 4.94 min Scan# 447
Delta R.T. 0.00 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Tgt Ion: 41 Resp: 438

Ion	Ratio	Lower	Upper
41	100		
39	197.5	54.3	81.5#
67	0.0	37.8	56.8#
52	0.0	58.2	87.4#



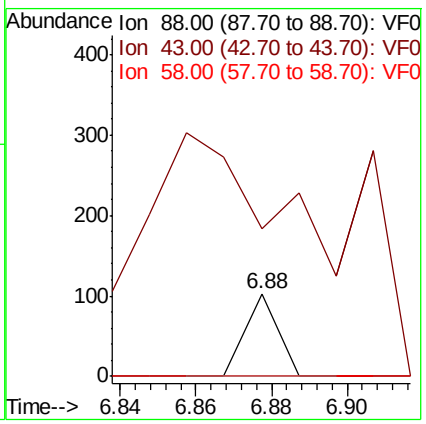


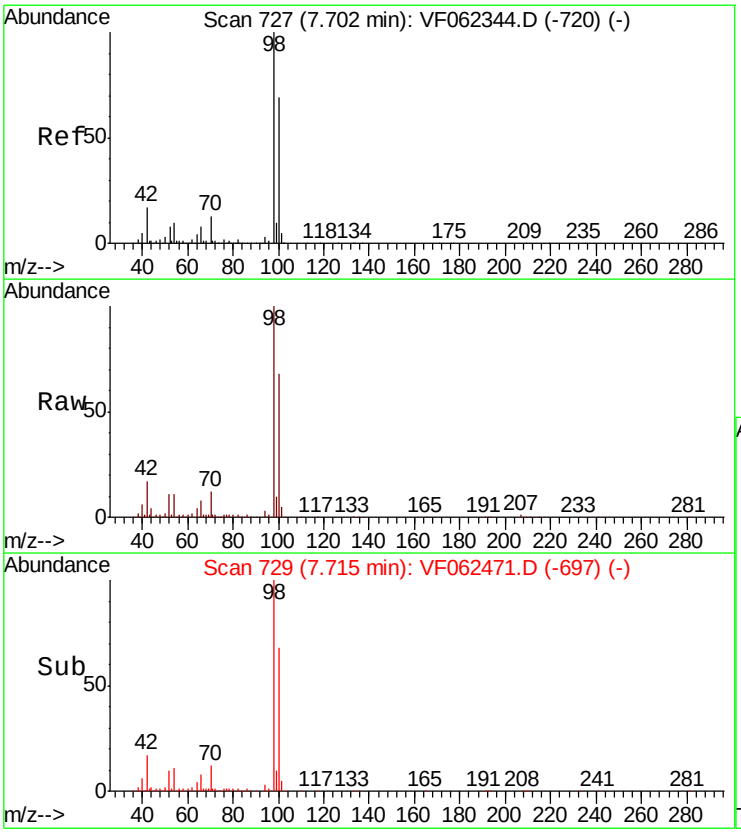
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.88 min Scan# 644
Delta R.T. 0.01 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-1218-01

Tgt Ion: 88 Resp: 61

Ion	Ratio	Lower	Upper
88	100		
43	1544.3	55.6	83.4#
58	0.0	52.8	79.2#

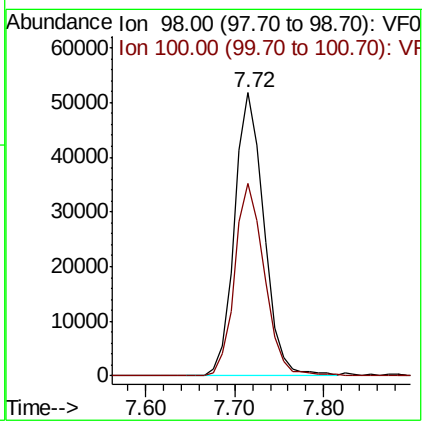


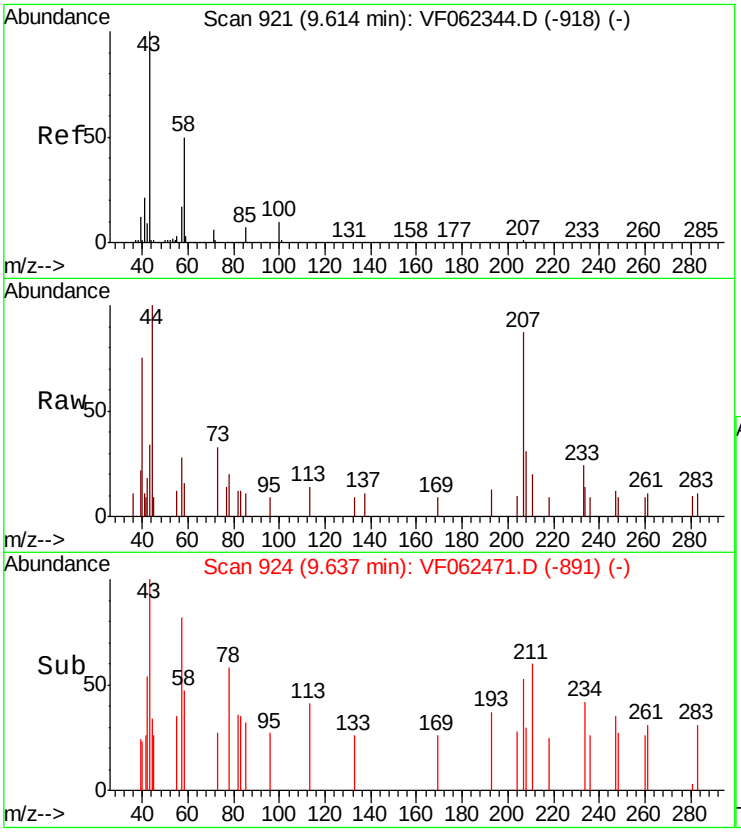


#50
Toluene-d8
Concen: 29.070 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Tgt Ion: 98 Resp: 119194

Ion	Ratio	Lower	Upper
98	100		
100	69.0	53.3	79.9



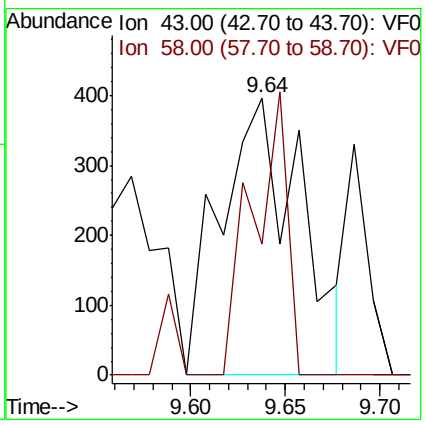


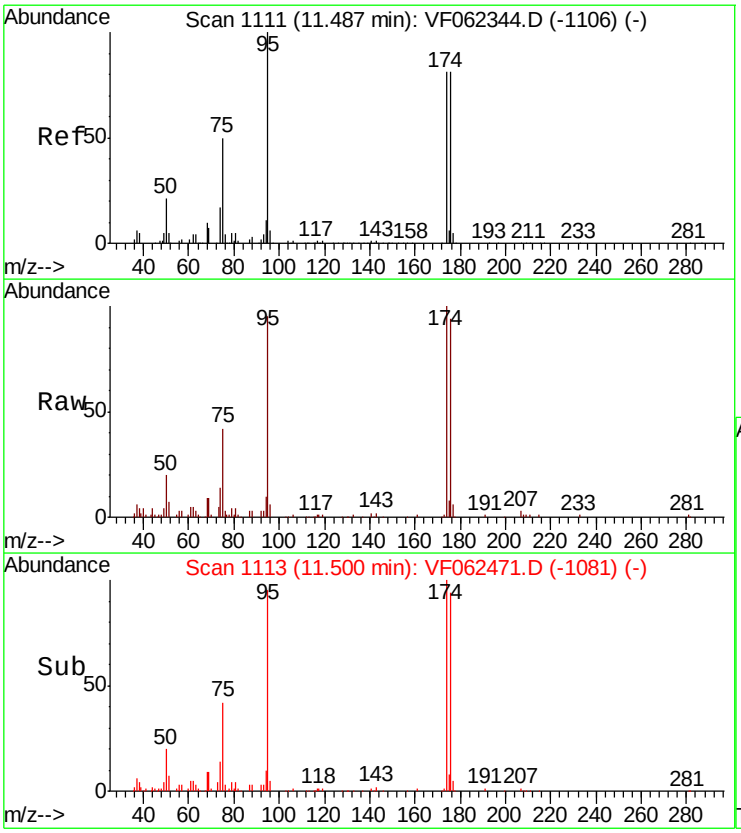
#59
2-Hexanone
Concen: 2.664 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.02 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-1218-01

Tgt Ion: 43 Resp: 1160

Ion	Ratio	Lower	Upper
43	100		
58	44.2	24.3	73.0

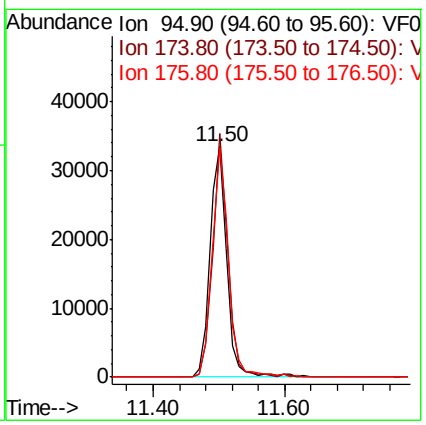


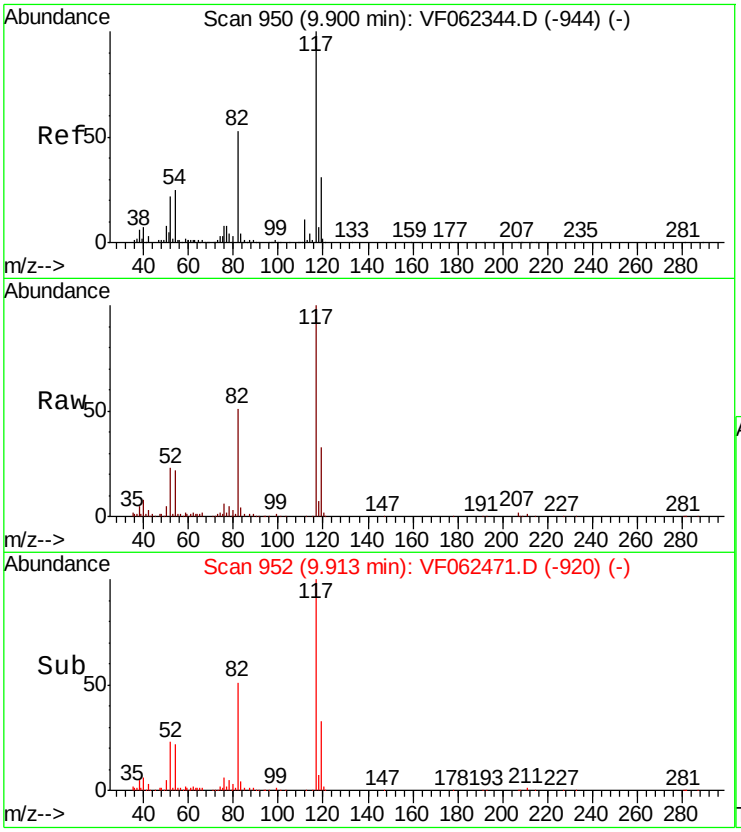


#62
4-Bromofluorobenzene
Concen: 31.352 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Tgt Ion: 95 Resp: 57997

Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	191.8
176	98.0	0.0	193.2



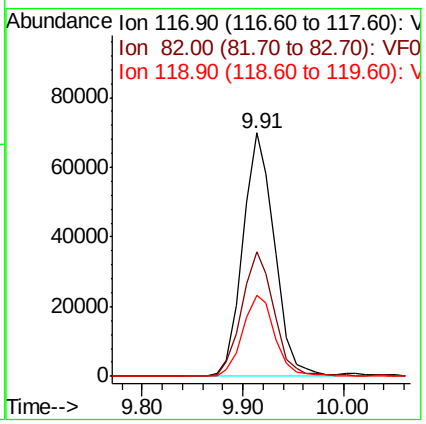


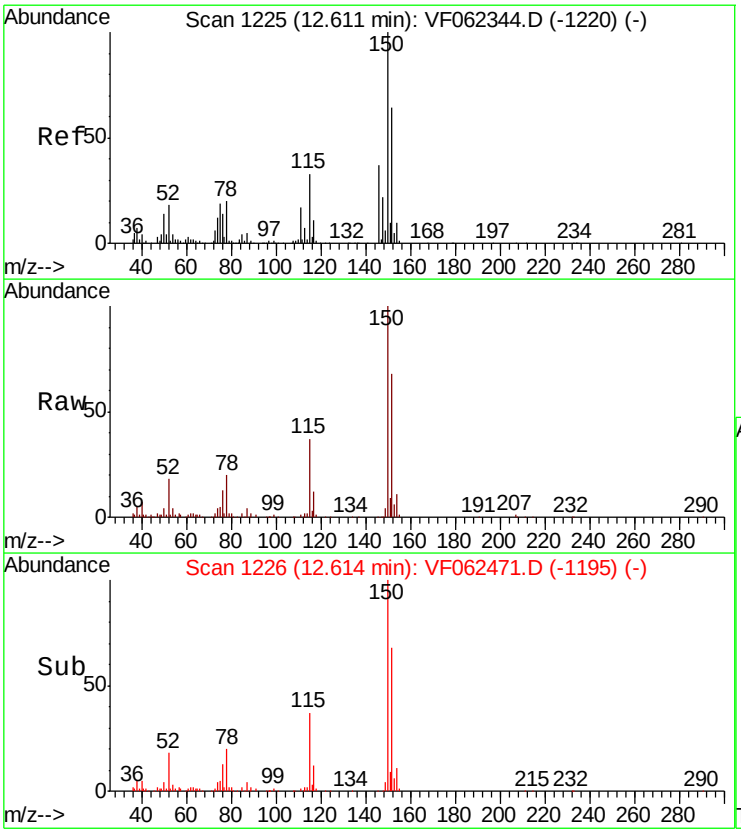
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Instrument : MSVOA_F
ClientSampleId : P026-SS014-1218-01

Tgt Ion:117 Resp: 152516

Ion	Ratio	Lower	Upper
117	100		
82	51.1	42.2	63.2
119	33.2	25.0	37.4

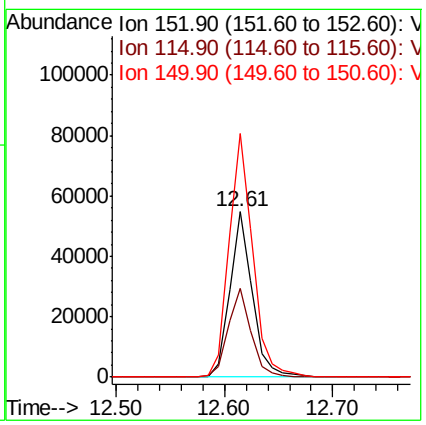


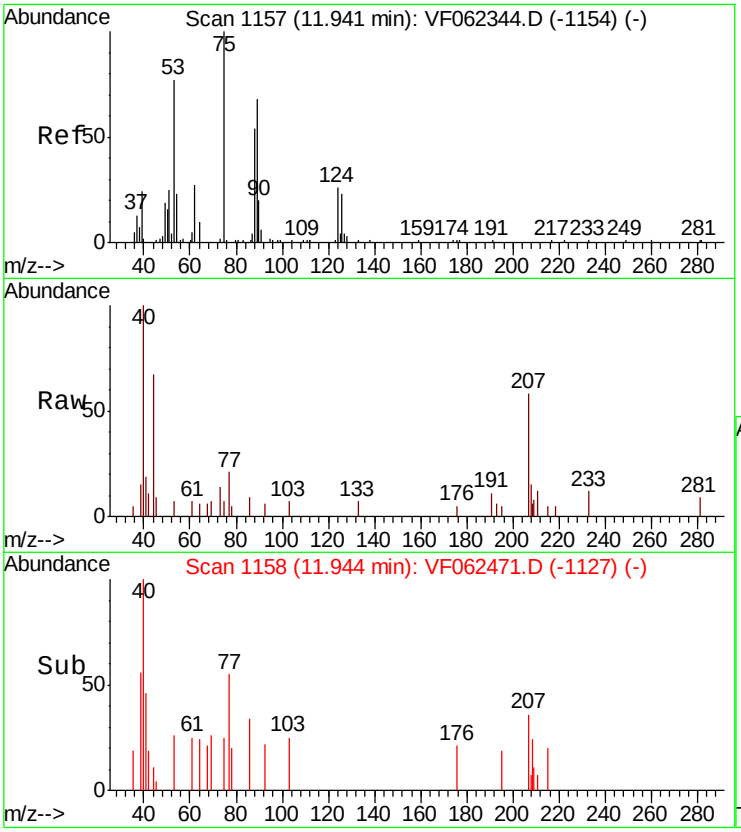


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Tgt Ion:152 Resp: 79516

Ion	Ratio	Lower	Upper
152	100		
115	54.9	26.4	79.2
150	155.2	0.0	335.0





#81
trans-1,4-Dichloro-2-butene
Concen: 1.044 ug/l
RT: 11.94 min Scan# 1158
Delta R.T. 0.00 min
Lab File: VF062471.D
Acq: 11 May 2019 20:23

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-1218-01

Tgt Ion: 75 Resp: 221

Ion	Ratio	Lower	Upper
75	100		
53	71.9	71.9	107.9
89	29.0	0.0	0.0#