Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062429.D
Acq On : 10 May 2019 17:55
Operator : FY/SY
Sample : K2645-07RE
Misc : 6.25g/5mL/MSVOA_F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-DRE

Quant Time: May 10 18:20:40 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	368399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	520491	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	352733	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	172944	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	216024	62.05	ug/l	0.02
Spiked Amount 50.000			Recovery = 124.10%			
35) Dibromofluoromethane	4.31	113	246342	59.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 118.82%			
50) Toluene-d8	7.72	98	382210	38.08	ug/l	0.02
Spiked Amount 50.000			Recovery = 76.16%			
62) 4-Bromofluorobenzene	11.50	95	185265	40.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.82%			
Target Compounds						Qvalue
5) Bromomethane	1.38	94	775	Below Cal	#	3
8) Diethyl Ether	1.71	74	4157	4.721	ug/l	74
11) Tert butyl alcohol	2.69	59	1822	9.260	ug/l #	61
13) Acrolein	2.10	56	1268	Below Cal	#	73
15) Acrylonitrile	3.08	53	1389	3.727	ug/l #	16
16) Acetone	2.36	43	16433	23.333	ug/l	93
18) Methyl Acetate	2.50	43	15434	9.478	ug/l #	63
20) Methylene Chloride	2.34	84	16386	6.431	ug/l	93
25) 2-Butanone	4.57	43	1597	1.805	ug/l #	60
29) Tetrahydrofuran	4.21	42	493	1.212	ug/l #	36
37) Ethyl Acetate	4.30	43	452	Below Cal	#	50
38) Carbon Tetrachloride	4.22	117	274	Below Cal	#	14
39) Methylcyclohexane	5.78	83	6746	1.504	ug/l #	47
48) Methyl methacrylate	6.89	41	1529	1.064	ug/l #	29
49) 1,4-Dioxane	6.71	88	136	Below Cal	#	1
81) trans-1,4-Dichloro-2-buten	11.97	75	564	1.225	ug/l #	5

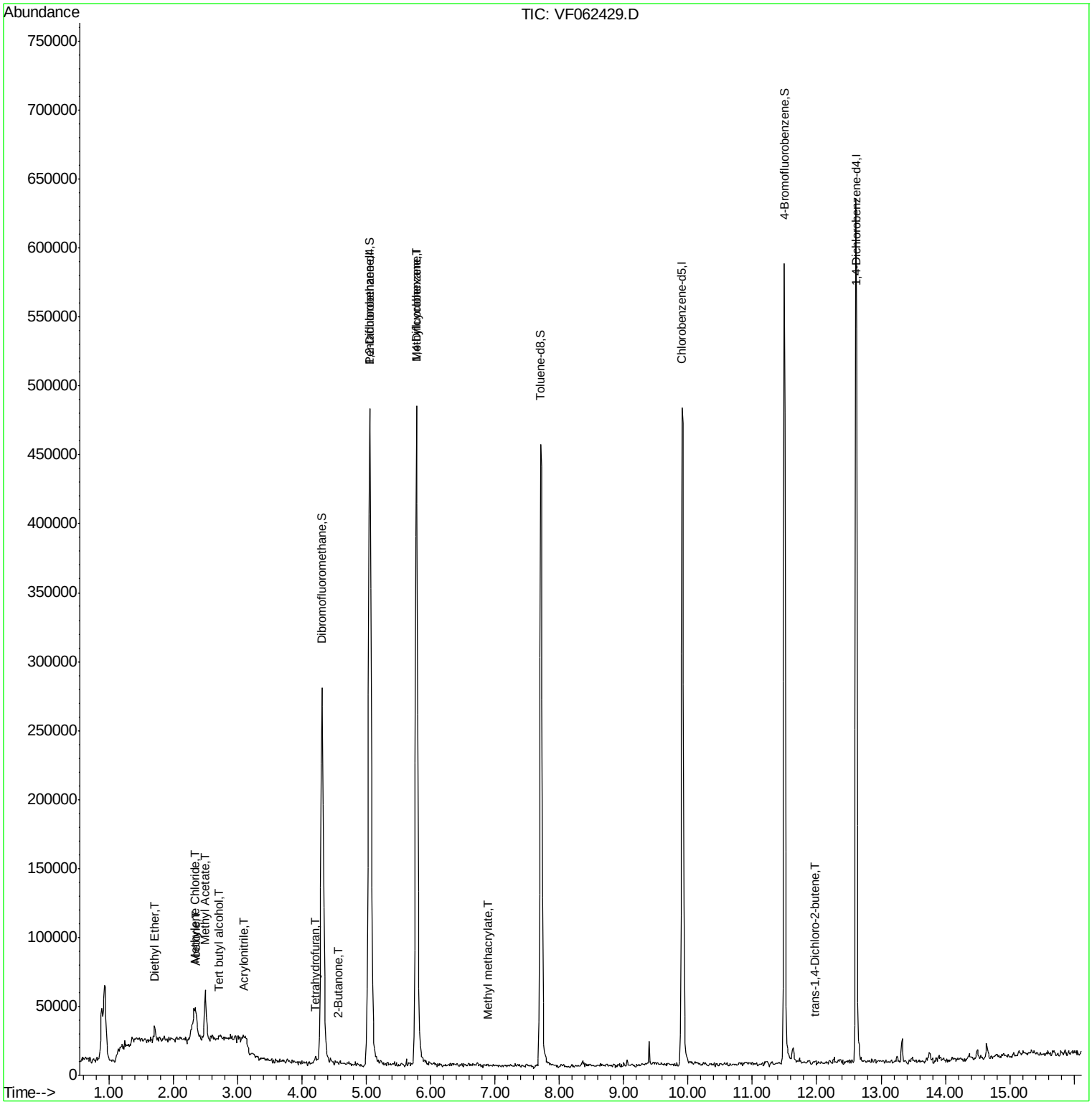
(#) = qualifier out of range (m) = manual integration (+) = signals summed

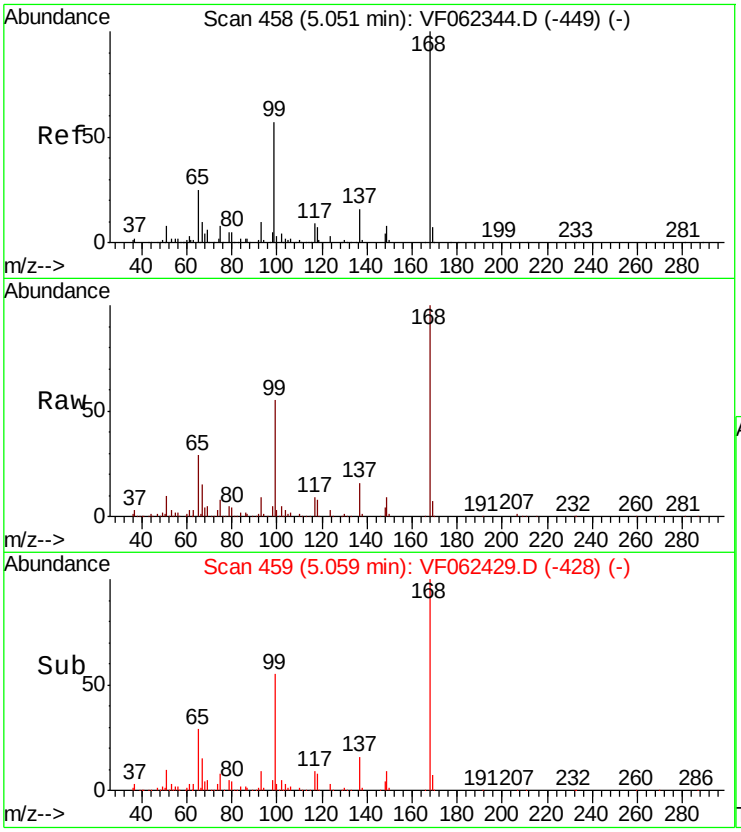
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062429.D
Acq On : 10 May 2019 17:55
Operator : FY/SY
Sample : K2645-07RE
Misc : 6.25g/5mL/MSVOA_F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-DRE

Quant Time: May 10 18:20:40 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



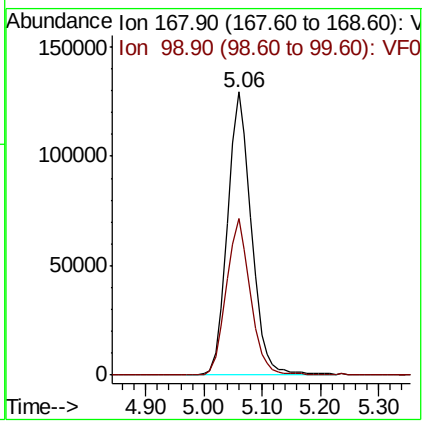


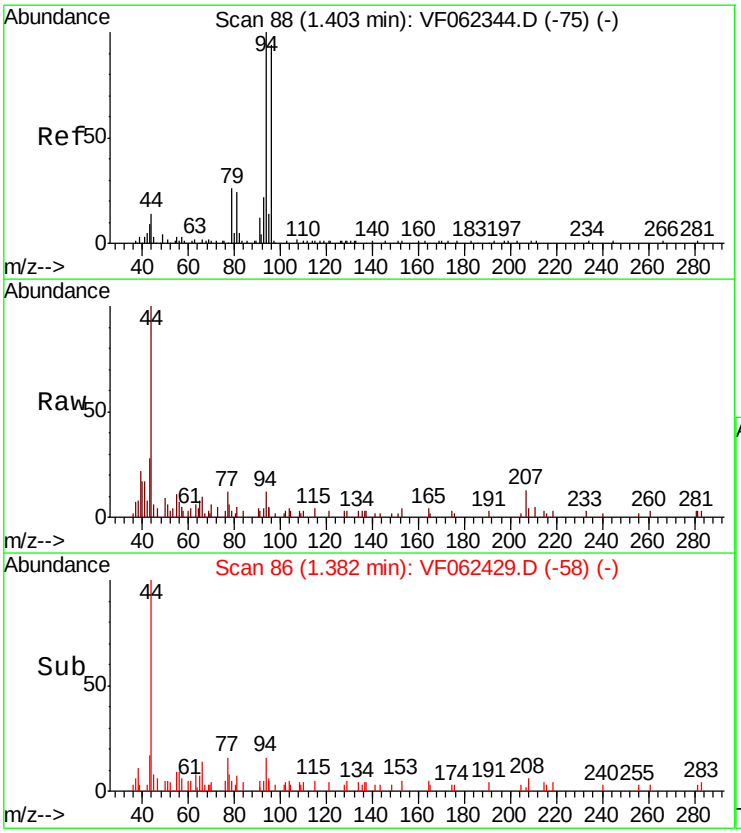
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.01 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-DRE

Tgt Ion:168 Resp: 368399

Ion	Ratio	Lower	Upper
168	100		
99	55.4	45.9	68.9

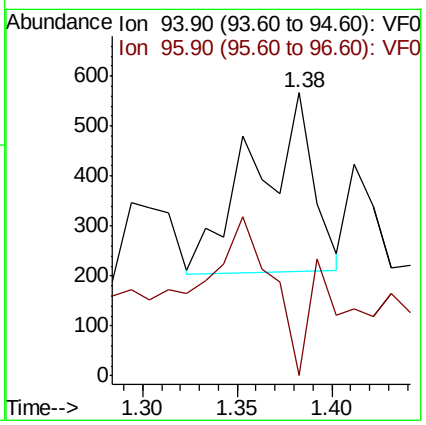


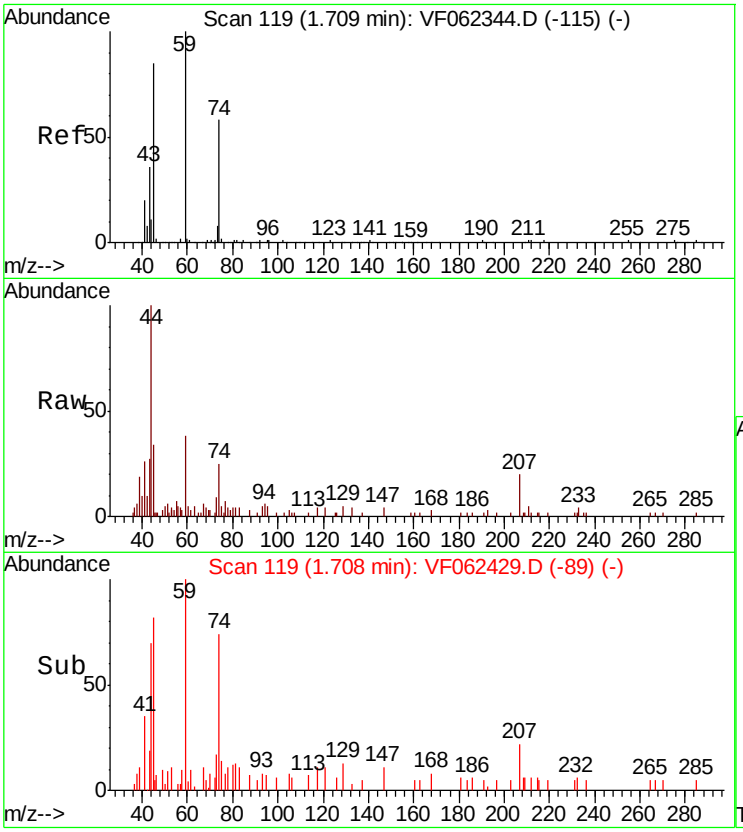


#5
Bromomethane
Concen: Below Cal
RT: 1.38 min Scan# 86
Delta R.T. -0.02 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Tgt Ion: 94 Resp: 775

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.4	113.2#



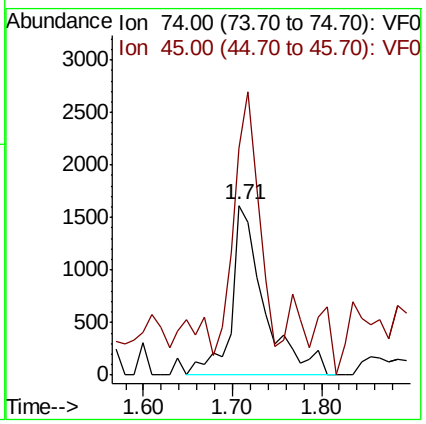


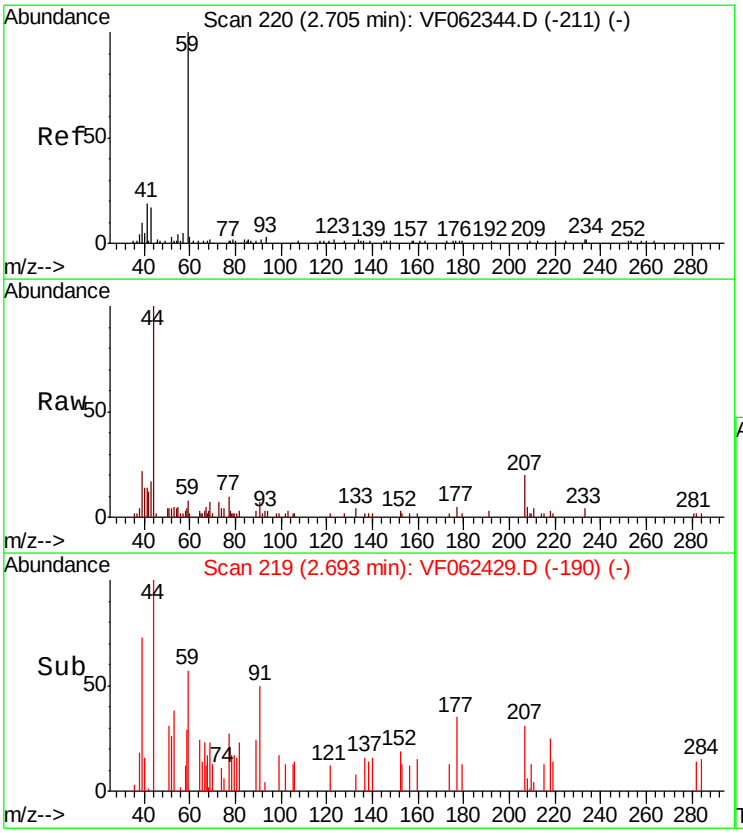
#8
Diethyl Ether
Concen: 4.721 ug/l
RT: 1.71 min Scan# 119
Delta R.T. -0.00 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-DRE

Tgt Ion: 74 Resp: 4157

Ion	Ratio	Lower	Upper
74	100		
45	115.5	73.9	221.6

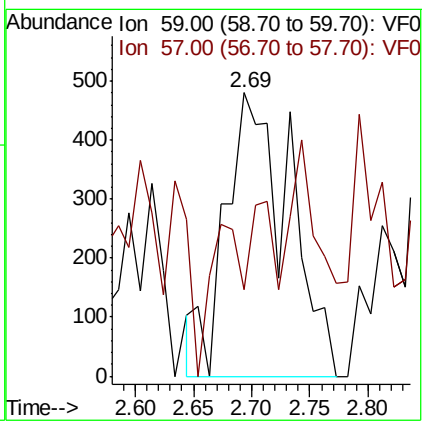


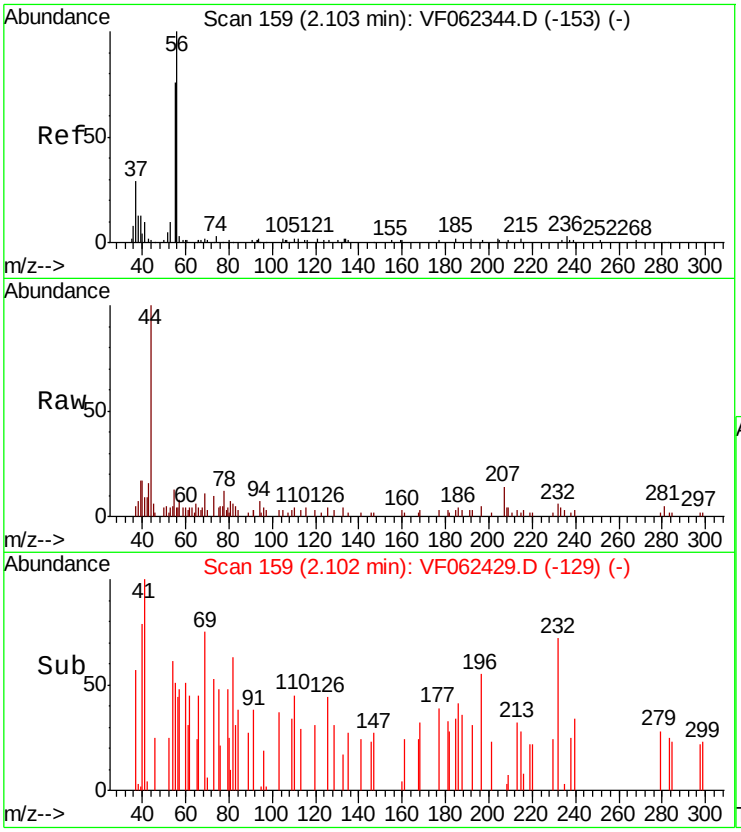


#11
Tert butyl alcohol
Concen: 9.260 ug/l
RT: 2.69 min Scan# 219
Delta R.T. -0.01 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Tgt Ion: 59 Resp: 1822

Ion	Ratio	Lower	Upper
59	100		
57	26.7	9.3	13.9#



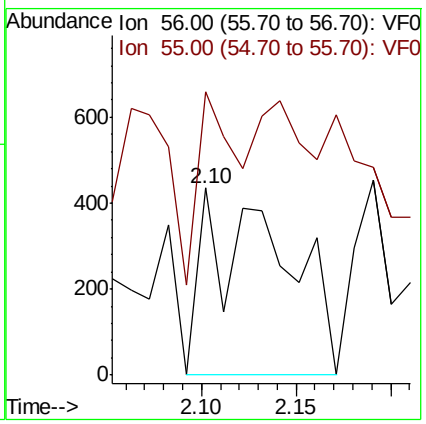


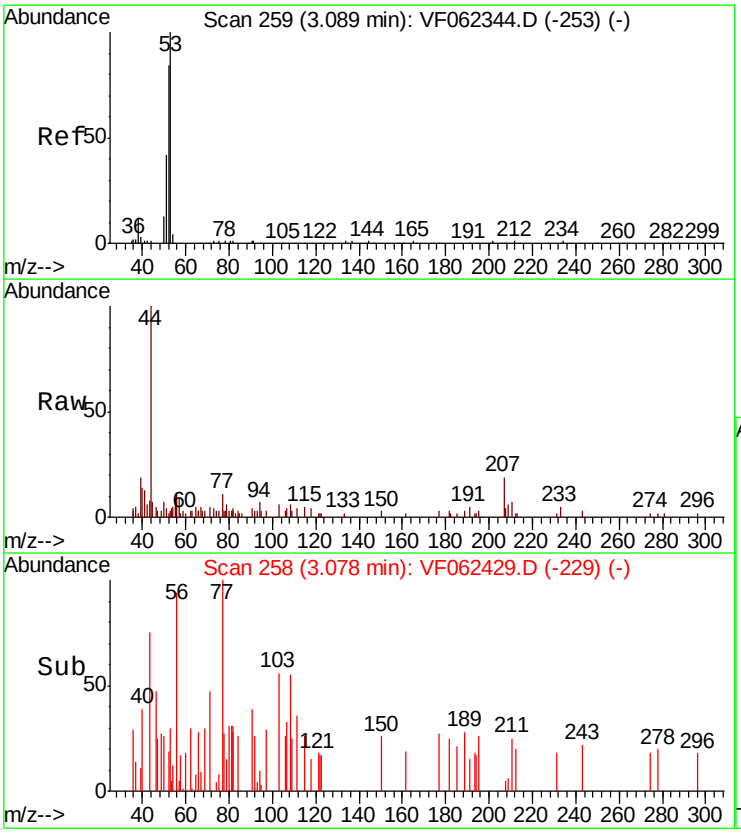
#13
Acrolein
Concen: Below Cal
RT: 2.10 min Scan# 159
Delta R.T. -0.00 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-DRE

Tgt Ion: 56 Resp: 1268

Ion	Ratio	Lower	Upper
56	100		
55	49.9	58.4	87.6#

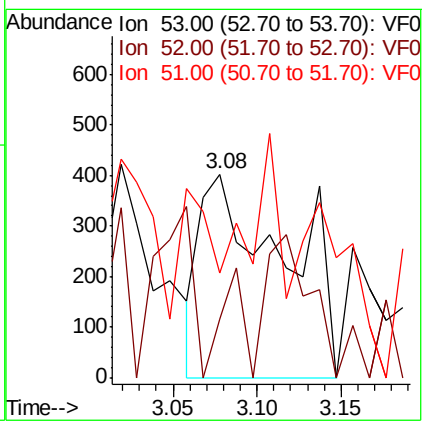


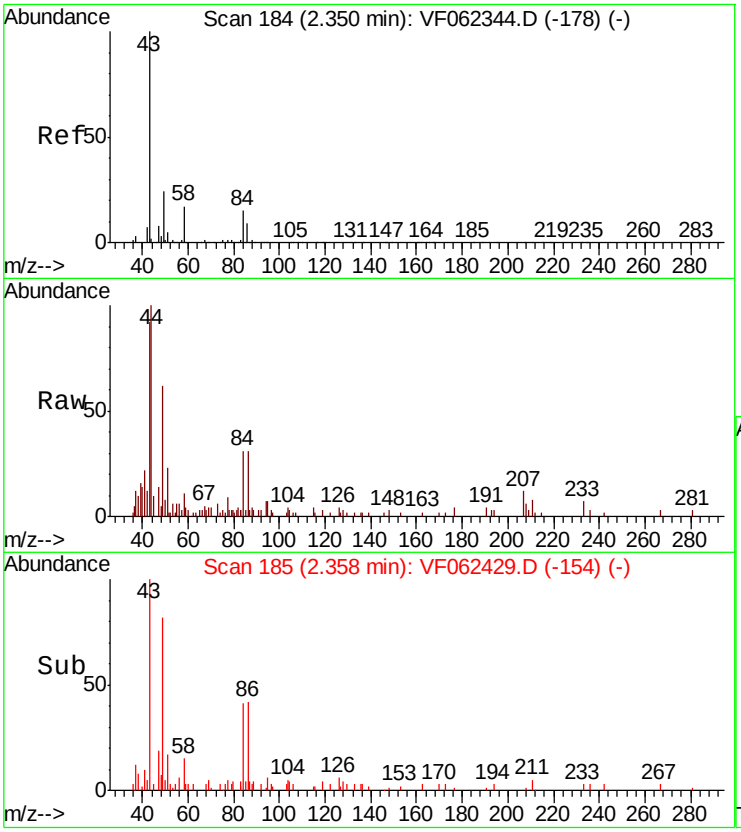


#15
Acrylonitrile
Concen: 3.727 ug/l
RT: 3.08 min Scan# 258
Delta R.T. -0.01 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Tgt Ion: 53 Resp: 1389

Ion	Ratio	Lower	Upper
53	100		
52	9.3	77.2	115.8#
51	0.0	40.6	61.0#



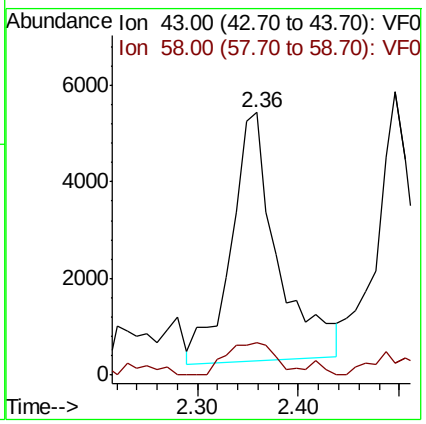


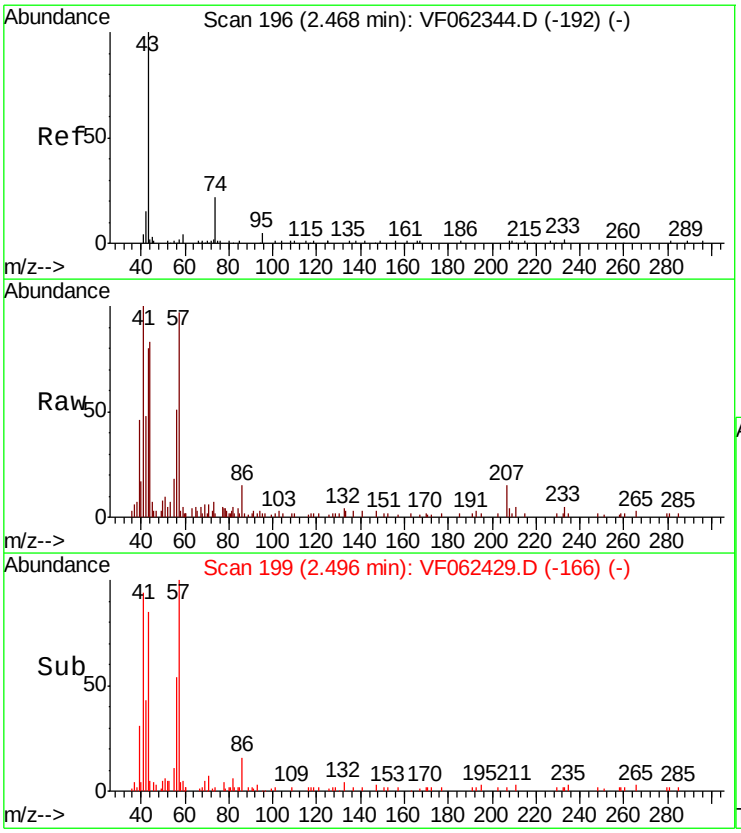
#16
Acetone
Concen: 23.333 ug/l
RT: 2.36 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-DRE

Tgt Ion: 43 Resp: 16433

Ion	Ratio	Lower	Upper
43	100		
58	13.4	13.1	19.7

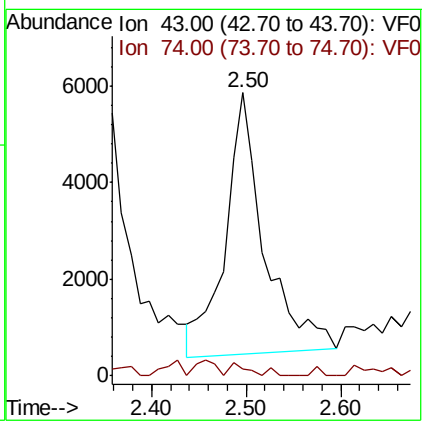


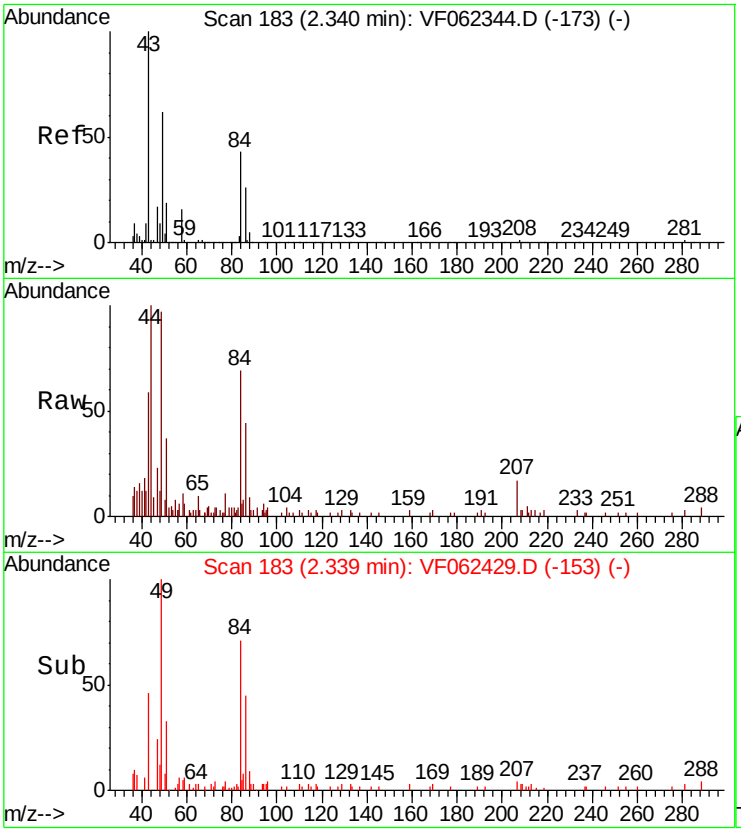


#18
Methyl Acetate
Concen: 9.478 ug/l
RT: 2.50 min Scan# 199
Delta R.T. 0.03 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Tgt Ion: 43 Resp: 15434

Ion	Ratio	Lower	Upper
43	100		
74	2.0	15.0	22.4#



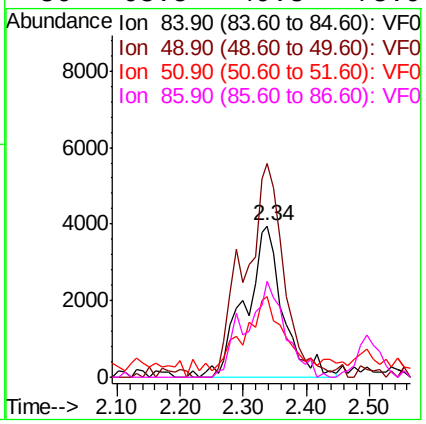


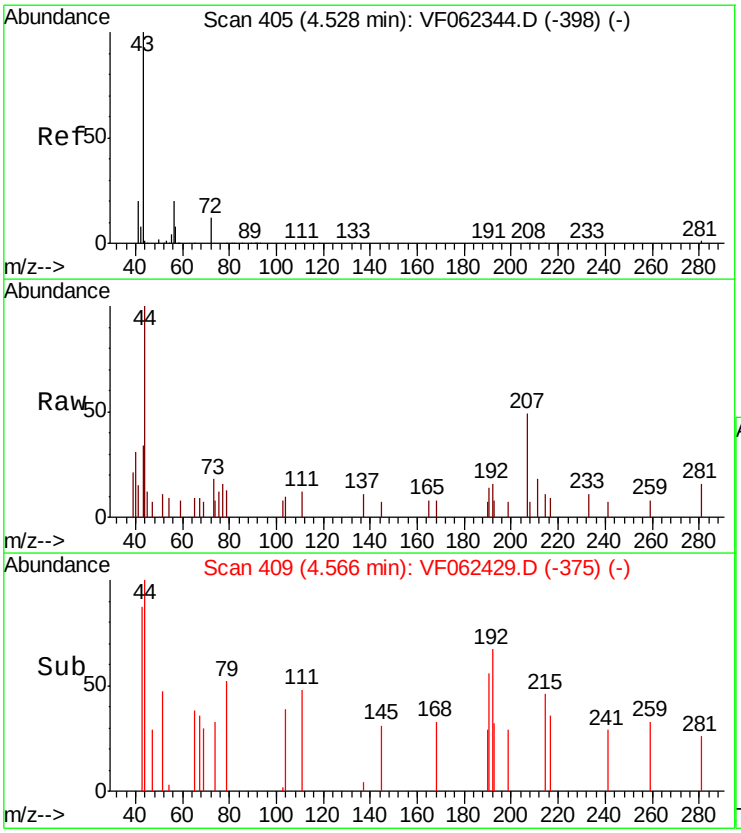
#20
Methylene Chloride
Concen: 6.431 ug/l
RT: 2.34 min Scan# 183
Delta R.T. -0.00 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-DRE

Tgt Ion: 84 Resp: 16386

Ion	Ratio	Lower	Upper
84	100		
49	136.8	117.5	176.3
51	53.4	37.0	55.4
86	63.5	49.3	73.9

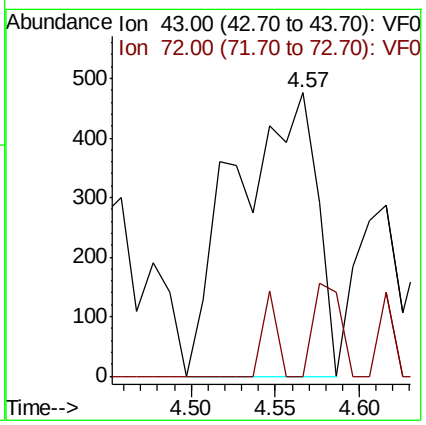


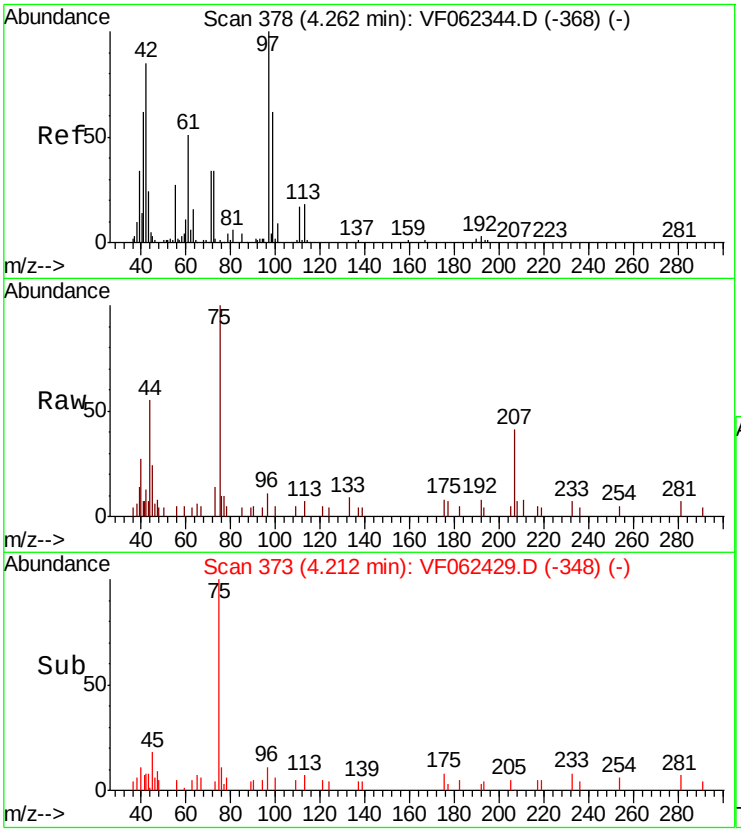


#25
2-Butanone
Concen: 1.805 ug/l
RT: 4.57 min Scan# 409
Delta R.T. 0.04 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Tgt Ion: 43 Resp: 1597

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#



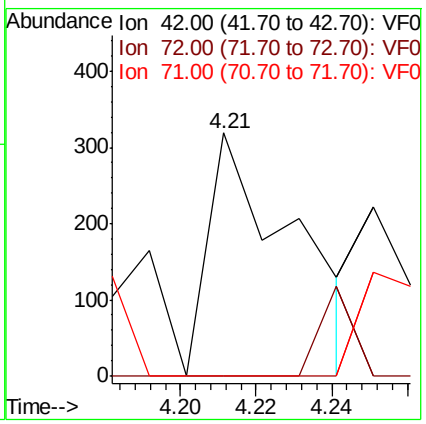


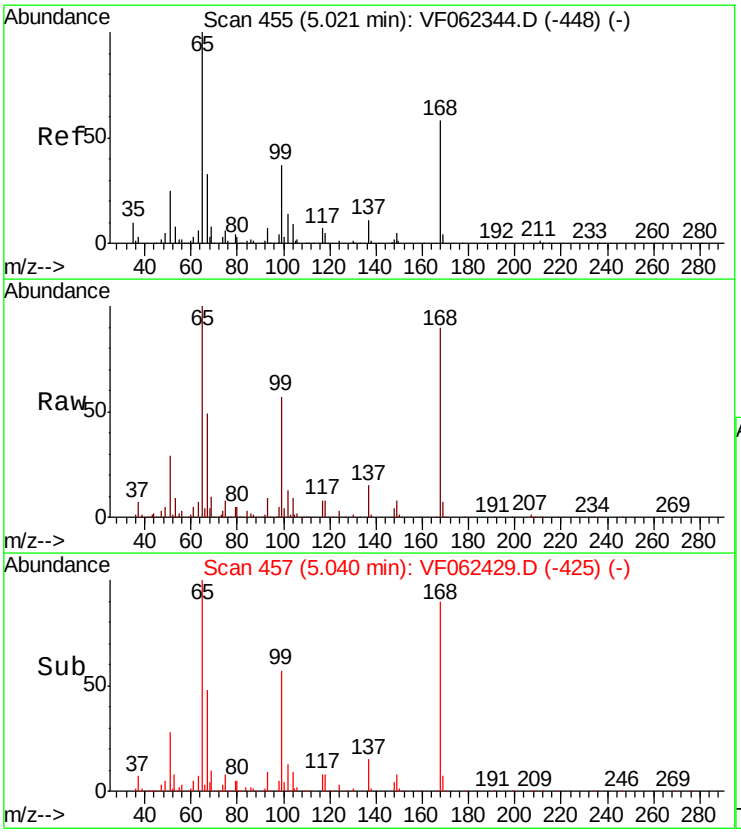
#29
Tetrahydrofuran
Concen: 1.212 ug/l
RT: 4.21 min Scan# 373
Delta R.T. -0.05 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-DRE

Tgt Ion: 42 Resp: 493

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

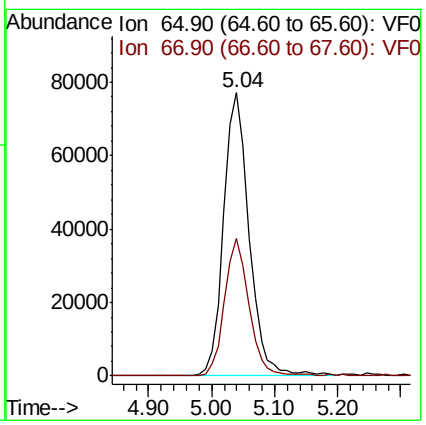


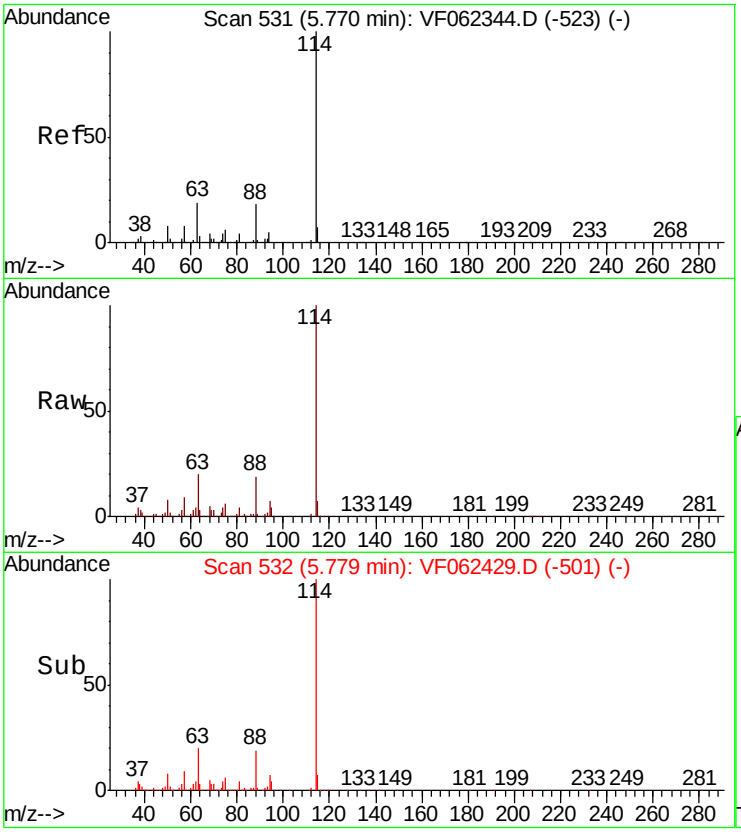


#33
1,2-Dichloroethane-d4
Concen: 62.049 ug/l
RT: 5.04 min Scan# 457
Delta R.T. 0.02 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Tgt Ion: 65 Resp: 216024

Ion	Ratio	Lower	Upper
65	100		
67	46.2	0.0	85.8



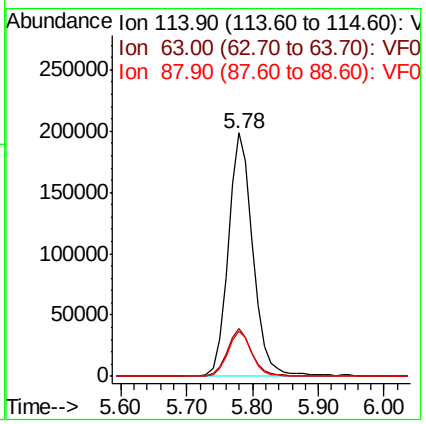


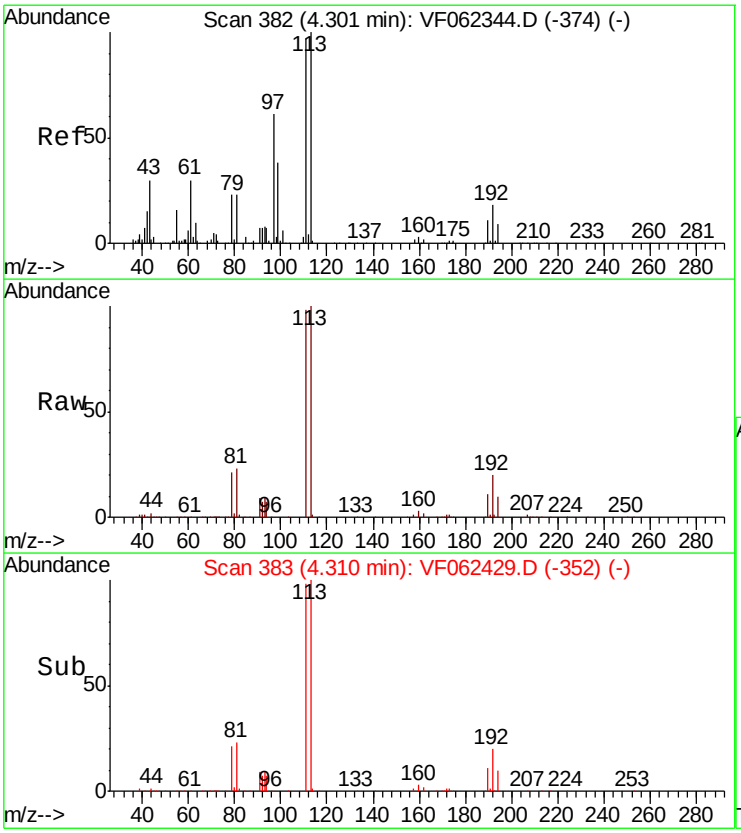
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.01 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-DRE

Tgt Ion:114 Resp: 520491

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	37.4
88	18.5	0.0	36.4

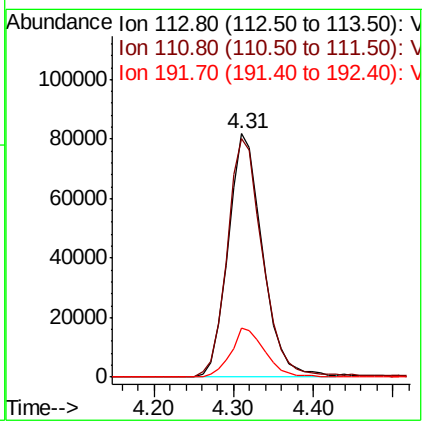


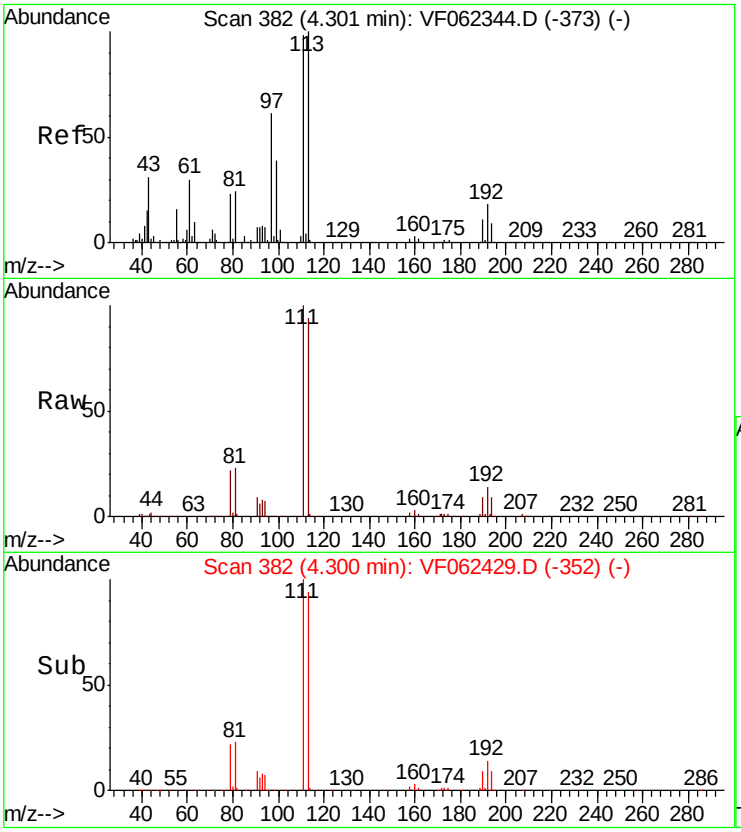


#35
Dibromofluoromethane
Concen: 59.407 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Tgt Ion:113 Resp: 246342

Ion	Ratio	Lower	Upper
113	100		
111	102.1	79.4	119.0
192	20.1	16.0	24.0



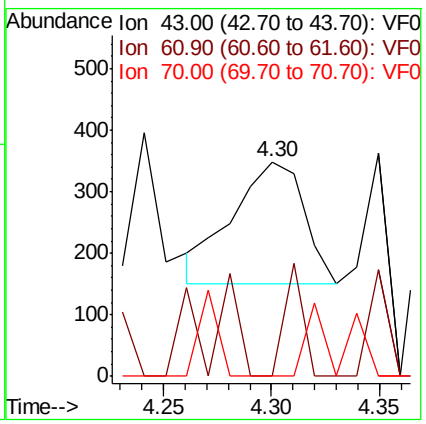


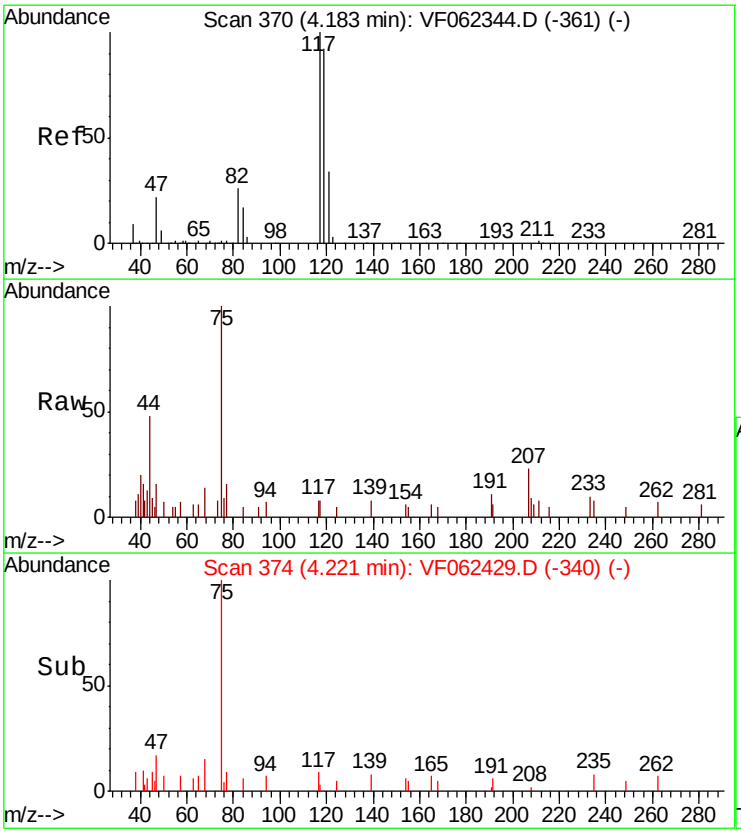
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.30 min Scan# 382
Delta R.T. -0.00 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-DRE

Tgt Ion: 43 Resp: 452

Ion	Ratio	Lower	Upper
43	100		
61	24.1	0.0	0.0#
70	29.0	8.2	12.2#

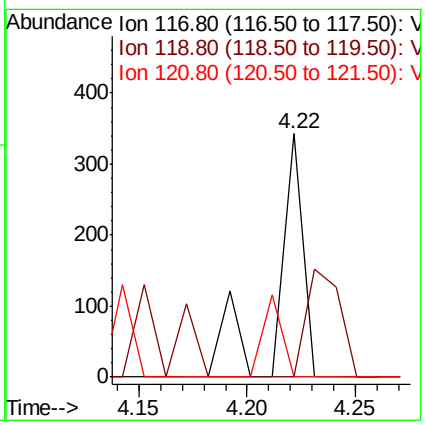


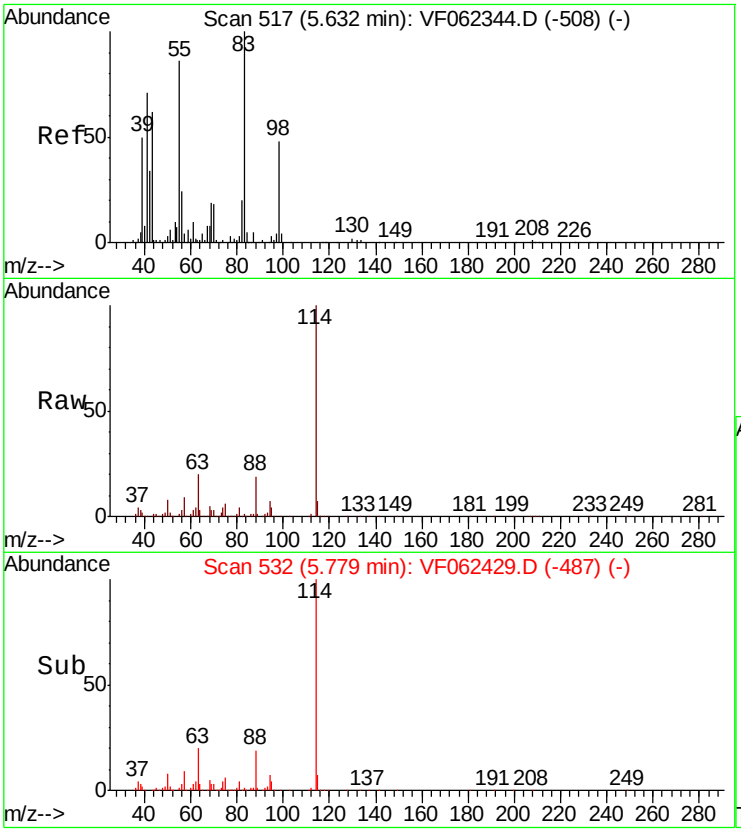


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.22 min Scan# 374
Delta R.T. 0.04 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Tgt Ion:117 Resp: 274

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



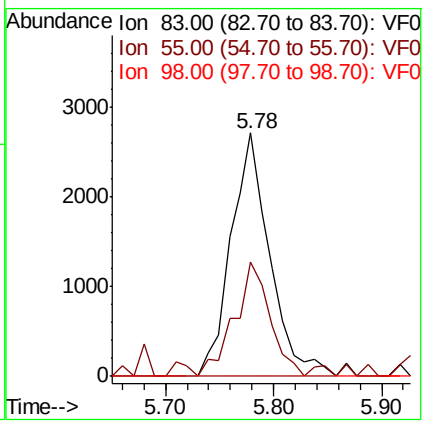


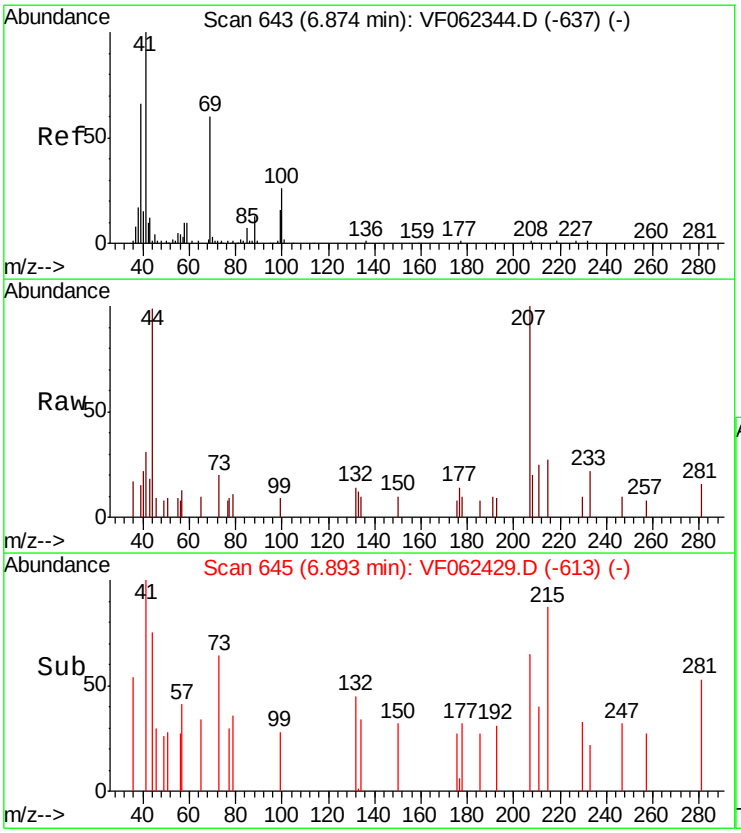
#39
Methylcyclohexane
Concen: 1.504 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.15 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-DRE

Tgt Ion: 83 Resp: 6746

Ion	Ratio	Lower	Upper
83	100		
55	46.8	69.0	103.6#
98	0.0	38.6	58.0#

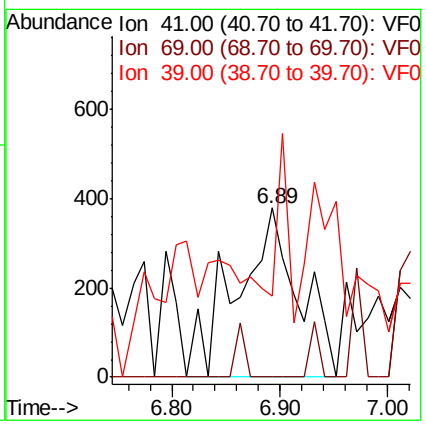


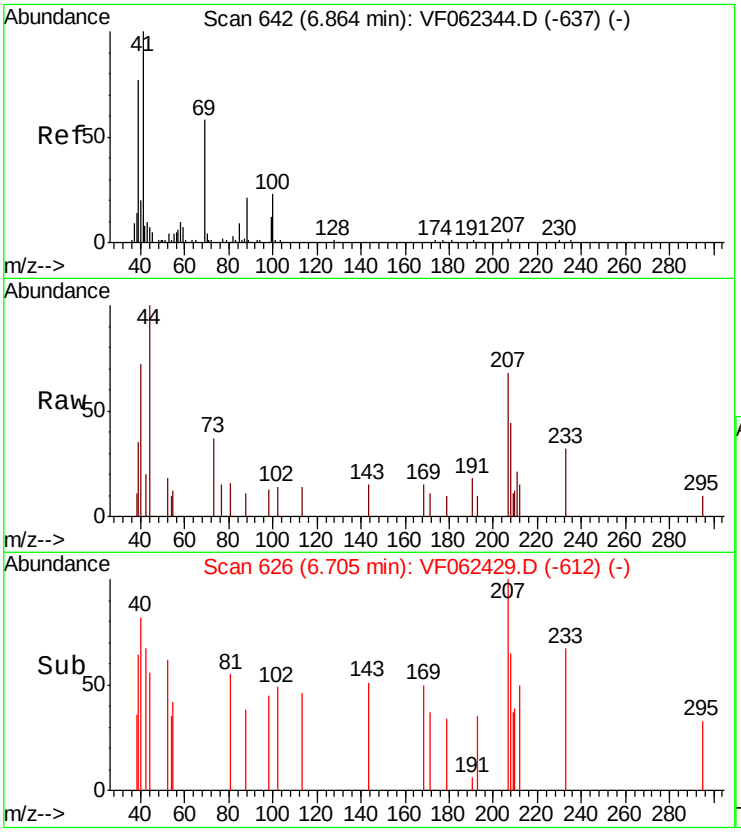


#48
Methyl methacrylate
Concen: 1.064 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.02 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Tgt Ion: 41 Resp: 1529

Ion	Ratio	Lower	Upper
41	100		
69	0.0	48.6	72.8#
39	18.8	56.1	84.1#



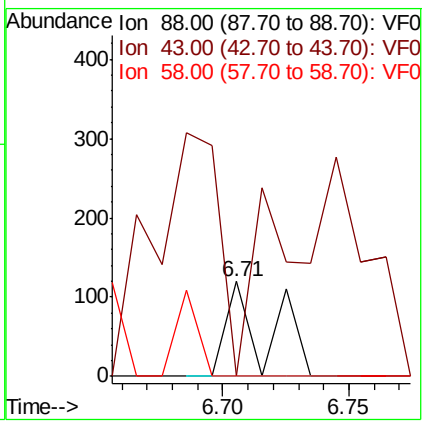


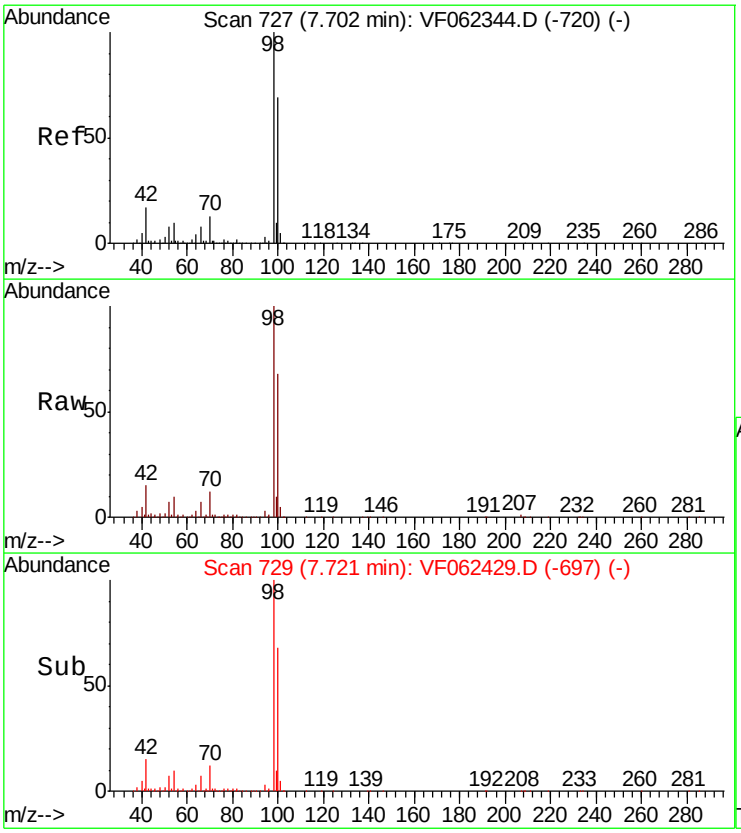
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.71 min Scan# 626
Delta R.T. -0.16 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-DRE

Tgt Ion: 88 Resp: 136

Ion	Ratio	Lower	Upper
88	100		
43	410.3	55.6	83.4#
58	47.1	52.8	79.2#

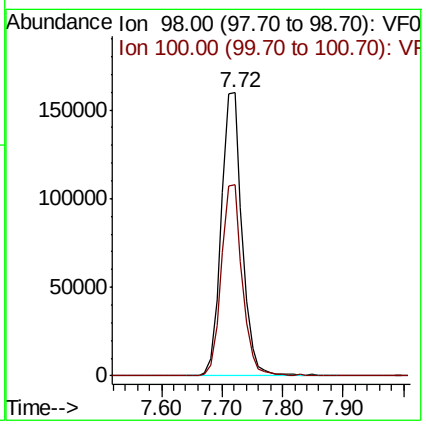


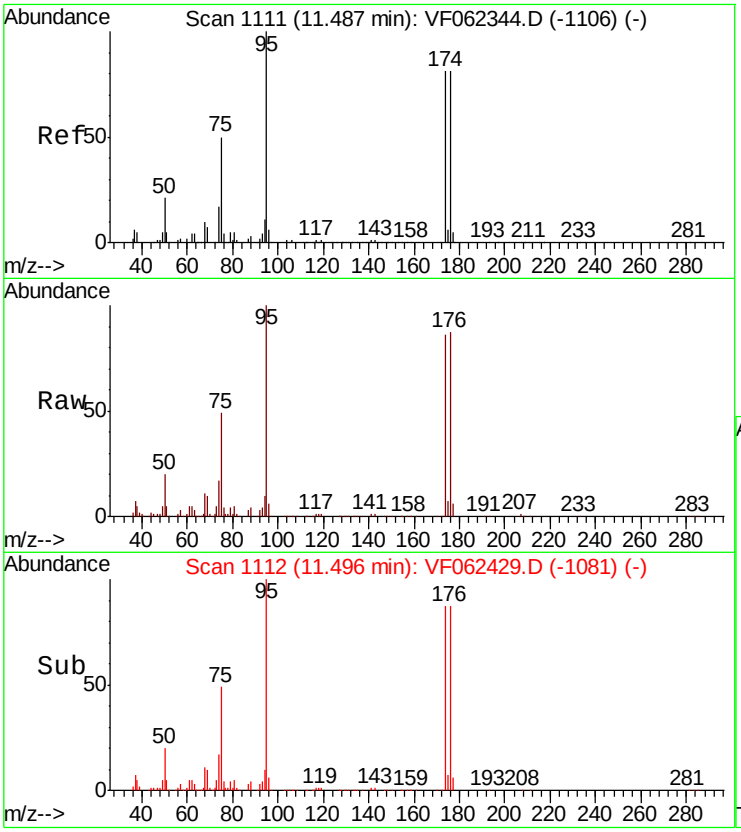


#50
Toluene-d8
Concen: 38.078 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Tgt Ion: 98 Resp: 382210

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.3	79.9



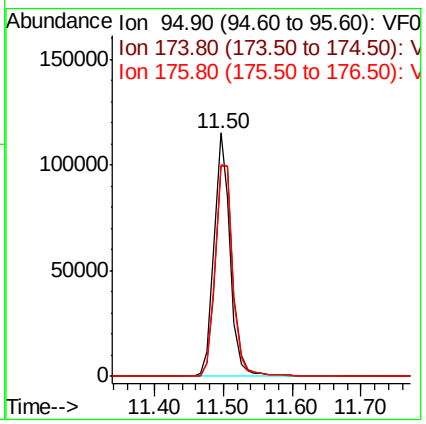


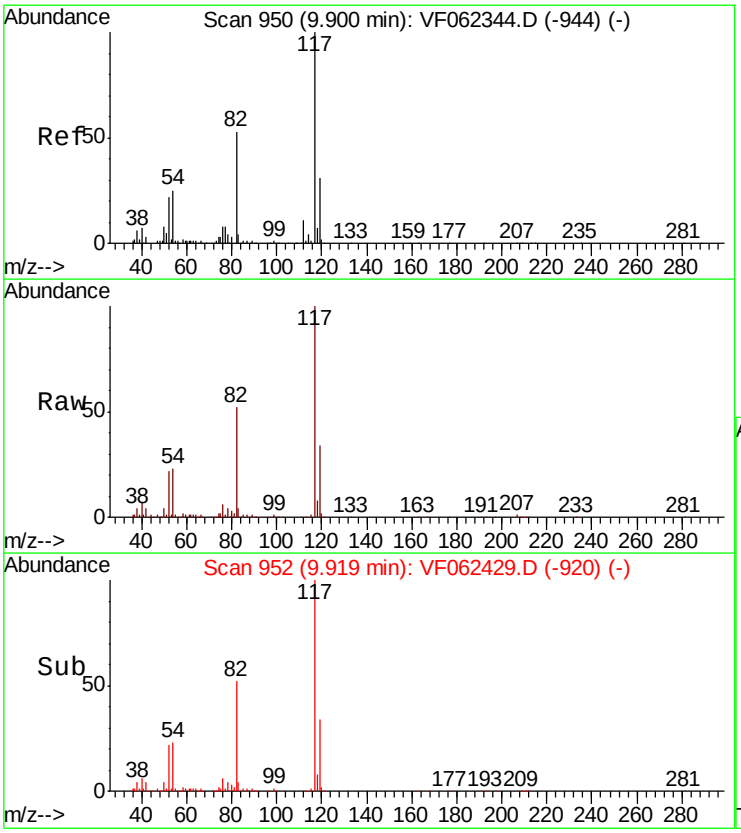
#62
4-Bromofluorobenzene
Concen: 40.910 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-DRE

Tgt Ion: 95 Resp: 185265

Ion	Ratio	Lower	Upper
95	100		
174	96.4	0.0	191.8
176	96.3	0.0	193.2

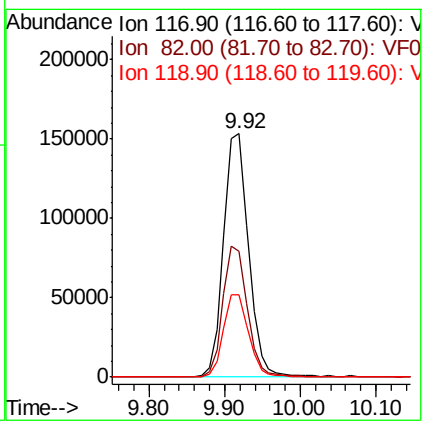


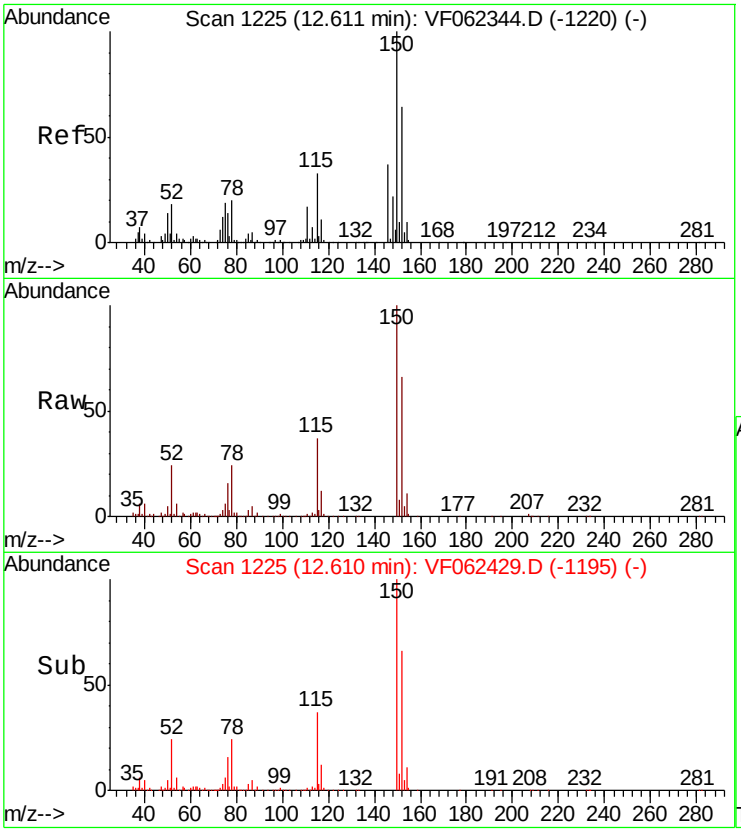


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Tgt Ion:117 Resp: 352733

Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.2	63.2
119	33.8	25.0	37.4



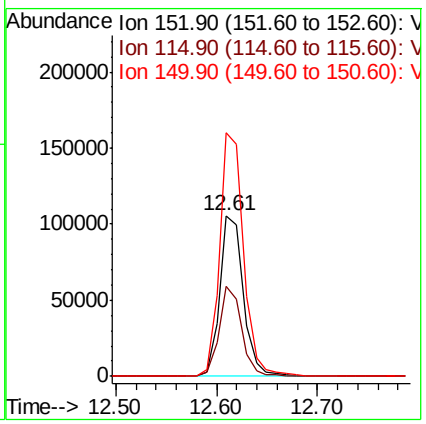


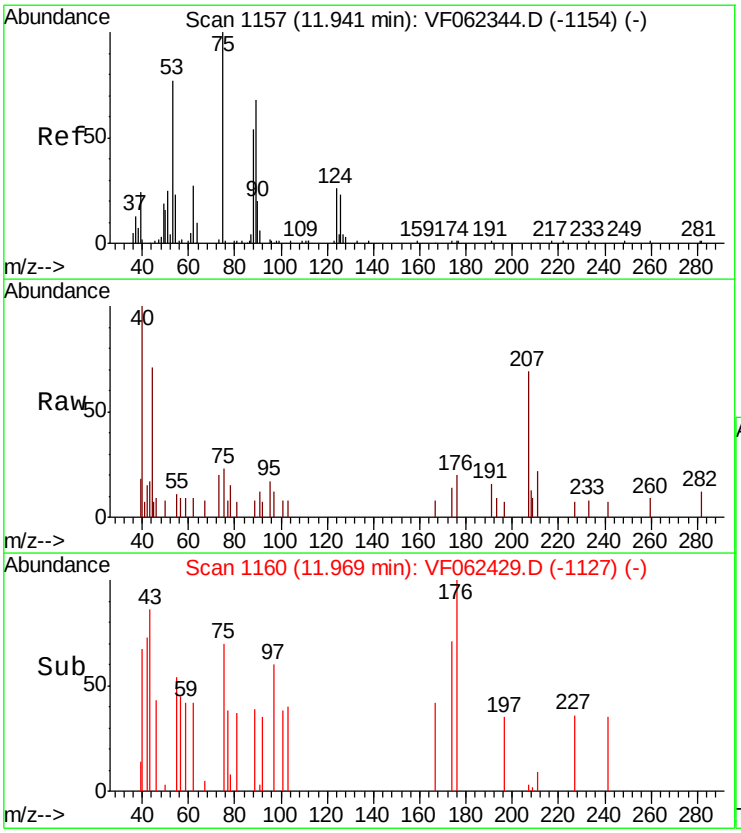
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-DRE

Tgt Ion:152 Resp: 172944

Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.4	79.2
150	152.9	0.0	335.0





#81
trans-1,4-Dichloro-2-butene
Concen: 1.225 ug/l
RT: 11.97 min Scan# 1160
Delta R.T. 0.03 min
Lab File: VF062429.D
Acq: 10 May 2019 17:55

Tgt Ion: 75 Resp: 564

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.9	107.9#
89	12.4	0.0	0.0#