Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062425.D
Acq On : 10 May 2019 16:03
Operator : FY/SY
Sample : K2641-09RE
Misc : 6.46g/5mL/MSVOA_F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CL-02-050719-ERE

Quant Time: May 10 16:24:17 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	389449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	551402	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	401426	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	253310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	201132	54.65	ug/l	0.02
Spiked Amount 50.000			Recovery = 109.30%			
35) Dibromofluoromethane	4.31	113	241669	55.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.02%			
50) Toluene-d8	7.72	98	461194	43.37	ug/l	0.02
Spiked Amount 50.000			Recovery = 86.74%			
62) 4-Bromofluorobenzene	11.50	95	221031	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.14%			
Target Compounds						Qvalue
5) Bromomethane	1.36	94	1531	Below Cal	#	9
11) Tert butyl alcohol	2.71	59	1984	9.538	ug/l #	43
13) Acrolein	2.09	56	460	Below Cal		99
16) Acetone	2.36	43	39911	53.606	ug/l	98
18) Methyl Acetate	2.50	43	13511	7.274	ug/l #	58
20) Methylene Chloride	2.34	84	9388	3.485	ug/l #	91
25) 2-Butanone	4.55	43	1739	1.859	ug/l #	86
36) 1,1-Dichloropropene	4.22	75	12512	2.641	ug/l #	47
37) Ethyl Acetate	4.29	43	644	Below Cal	#	93
38) Carbon Tetrachloride	4.21	117	68	Below Cal	#	14
39) Methylcyclohexane	5.78	83	8194	1.725	ug/l #	41
49) 1,4-Dioxane	6.85	88	168	Below Cal	#	1

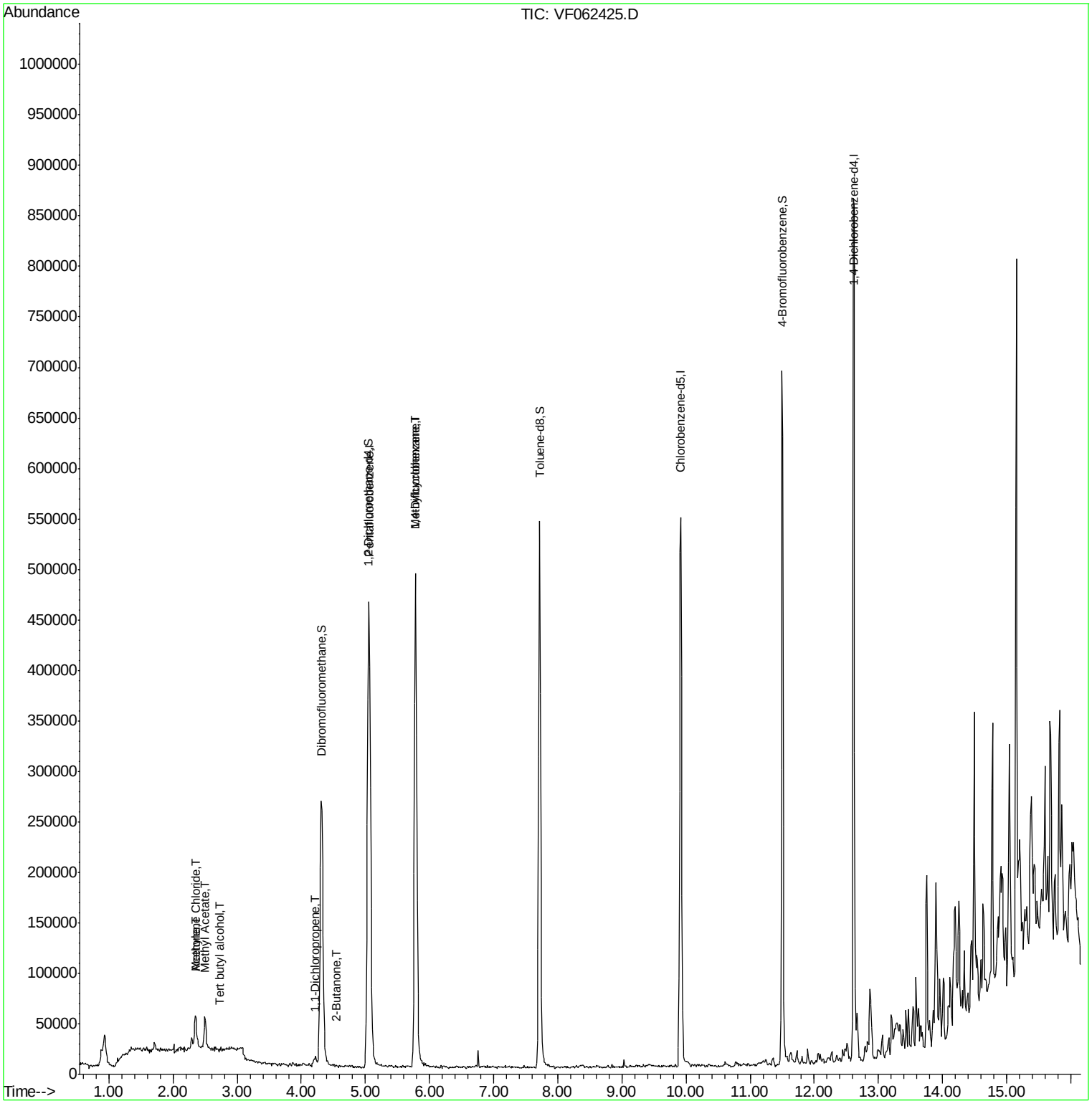
(#) = qualifier out of range (m) = manual integration (+) = signals summed

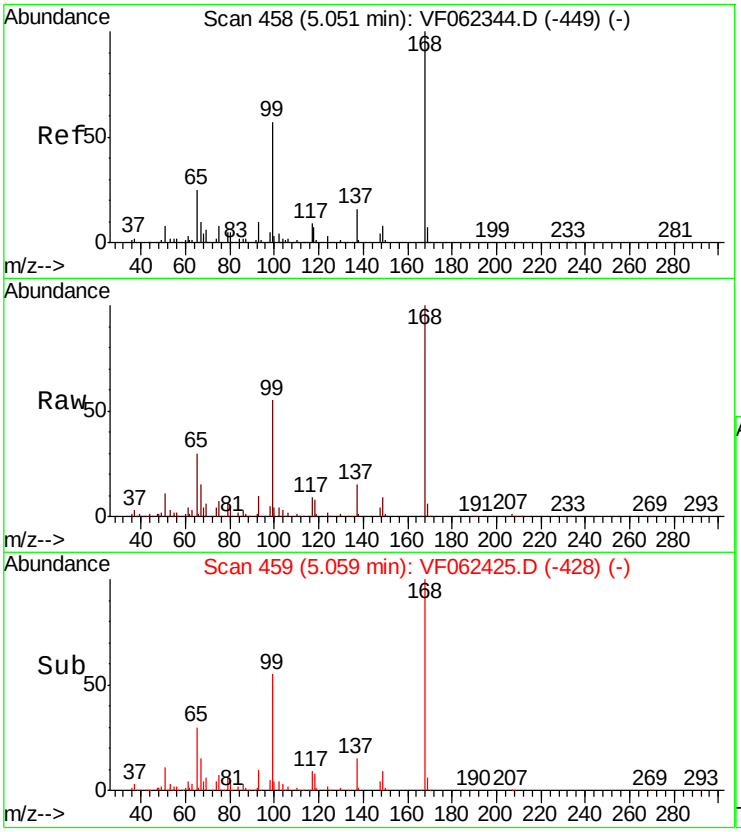
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062425.D
Acq On : 10 May 2019 16:03
Operator : FY/SY
Sample : K2641-09RE
Misc : 6.46g/5mL/MSVOA_F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CL-02-050719-ERE

Quant Time: May 10 16:24:17 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



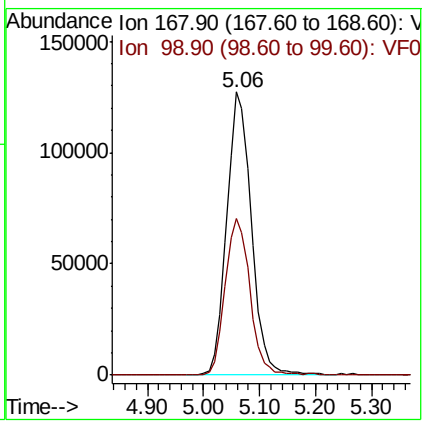


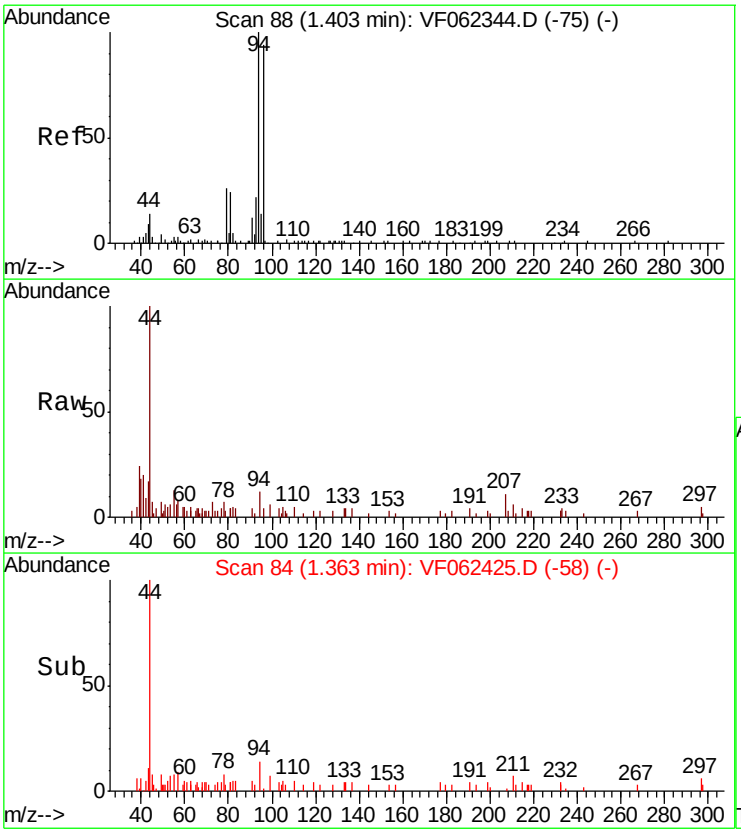
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.01 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-ERE

Tgt Ion:168 Resp: 389449

Ion	Ratio	Lower	Upper
168	100		
99	55.4	45.9	68.9

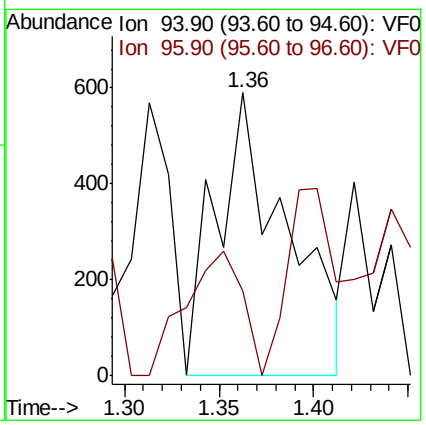


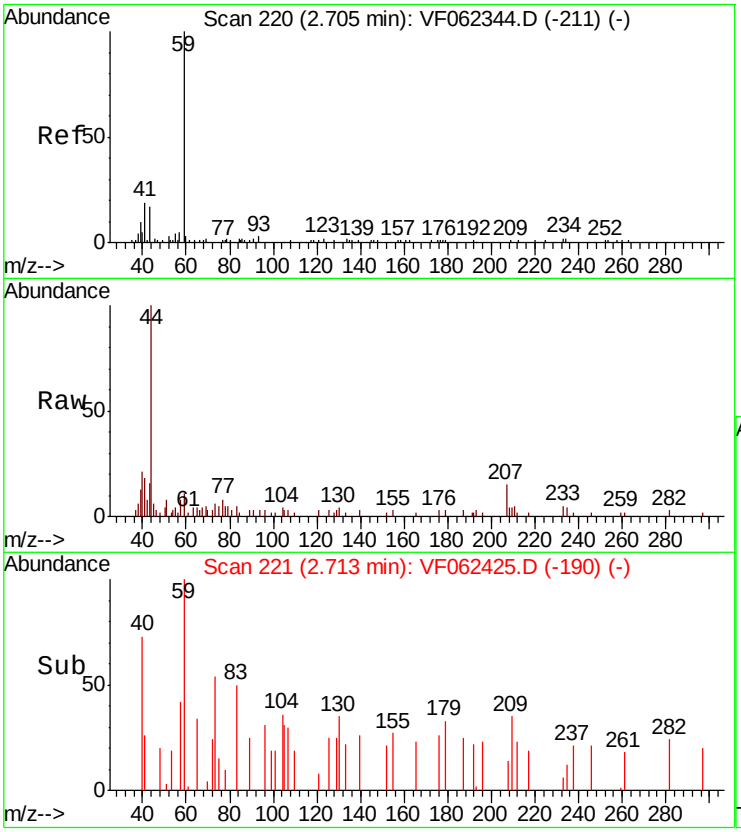


#5
Bromomethane
Concen: Below Cal
RT: 1.36 min Scan# 84
Delta R.T. -0.04 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Tgt Ion: 94 Resp: 1531

Ion	Ratio	Lower	Upper
94	100		
96	6.3	75.4	113.2#



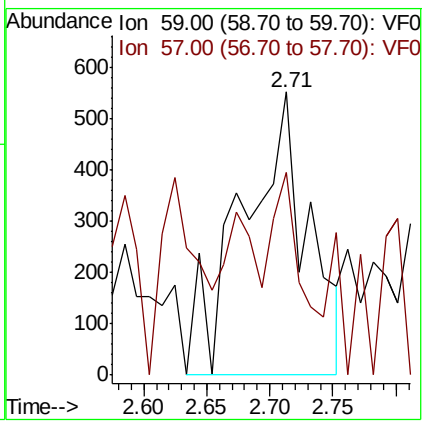


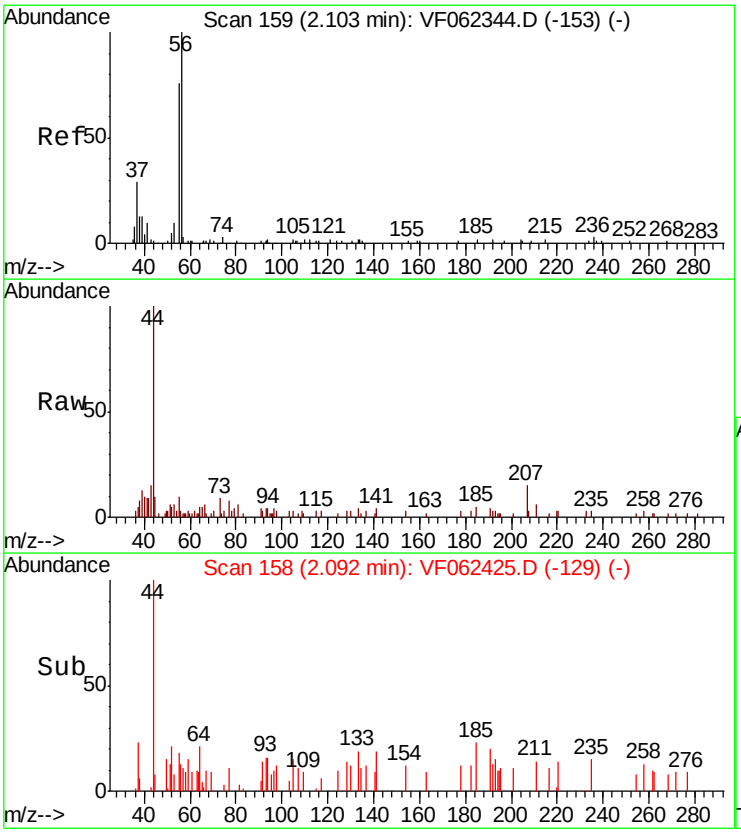
#11
Tert butyl alcohol
Concen: 9.538 ug/l
RT: 2.71 min Scan# 221
Delta R.T. 0.01 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-ERE

Tgt Ion: 59 Resp: 1984

Ion	Ratio	Lower	Upper
59	100		
57	33.5	9.3	13.9#

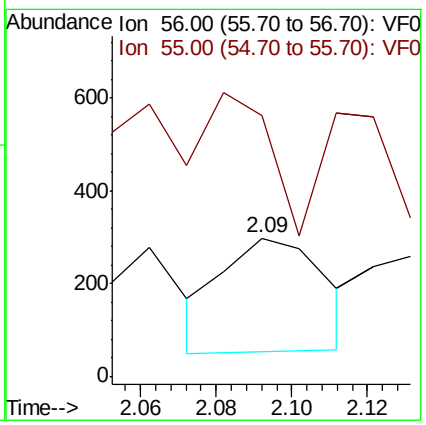


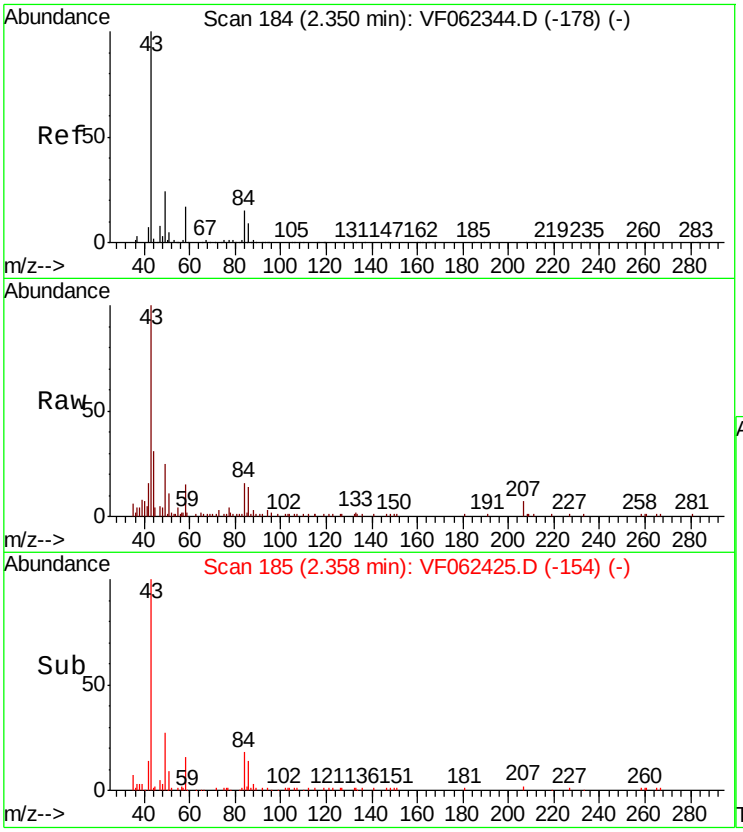


#13
Acrolein
Concen: Below Cal
RT: 2.09 min Scan# 158
Delta R.T. -0.01 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Tgt Ion: 56 Resp: 460

Ion	Ratio	Lower	Upper
56	100		
55	72.4	58.4	87.6



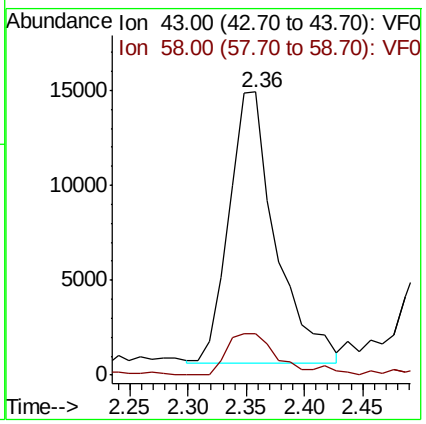


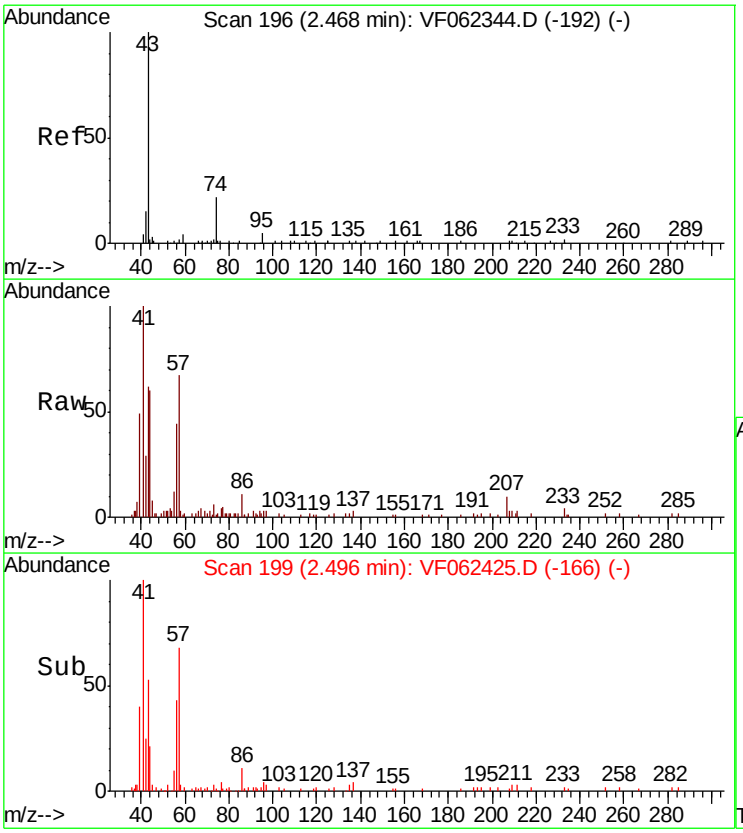
#16
Acetone
Concen: 53.606 ug/l
RT: 2.36 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-ERE

Tgt Ion: 43 Resp: 39911

Ion	Ratio	Lower	Upper
43	100		
58	15.6	13.1	19.7

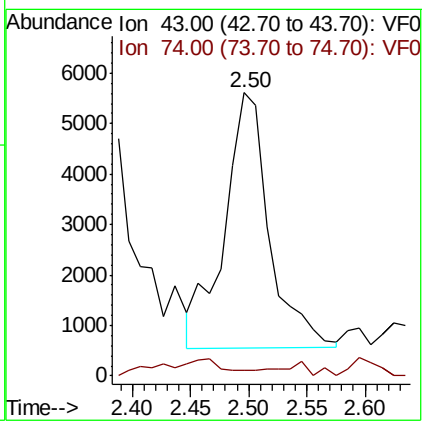


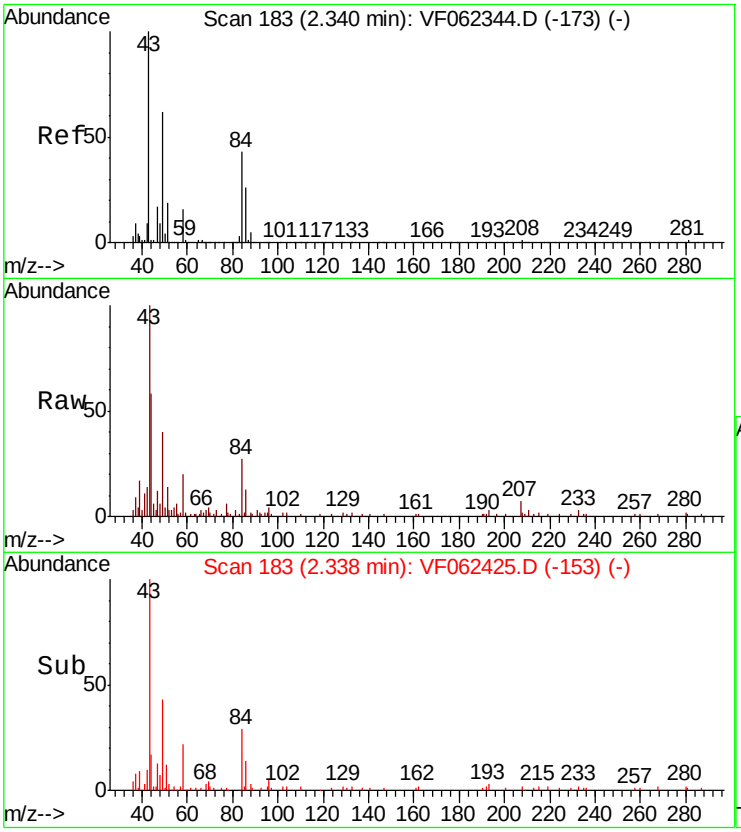


#18
Methyl Acetate
Concen: 7.274 ug/l
RT: 2.50 min Scan# 199
Delta R.T. 0.03 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Tgt Ion: 43 Resp: 13511

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.0	22.4#



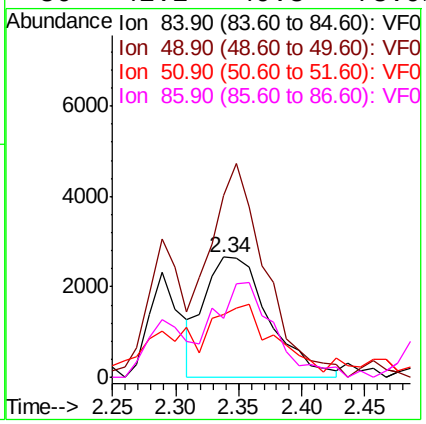


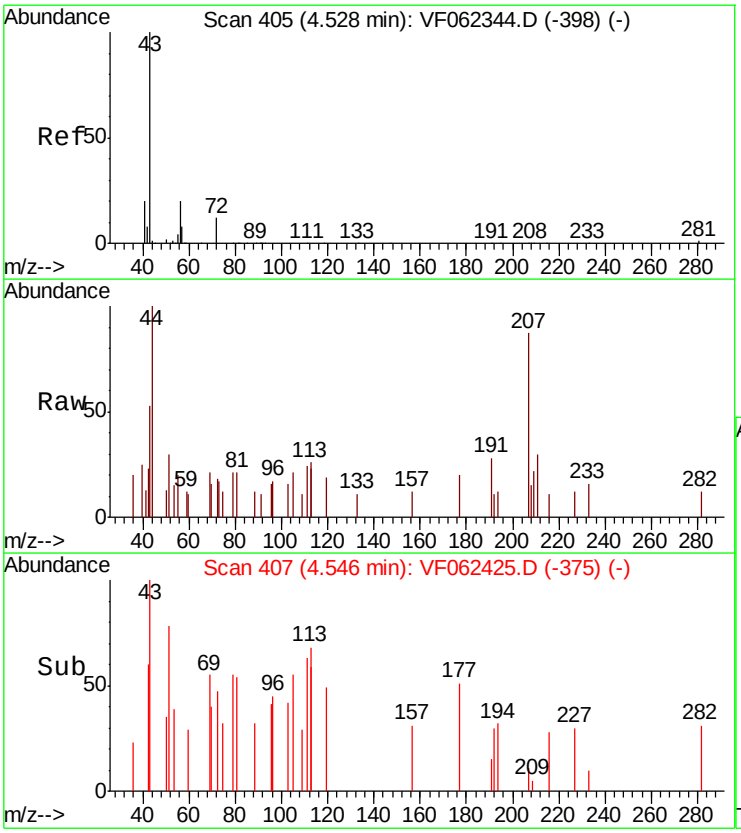
#20
Methylene Chloride
Concen: 3.485 ug/l
RT: 2.34 min Scan# 183
Delta R.T. -0.00 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-ERE

Tgt Ion: 84 Resp: 9388

Ion	Ratio	Lower	Upper
84	100		
49	147.4	117.5	176.3
51	38.2	37.0	55.4
86	42.2	49.3	73.9#

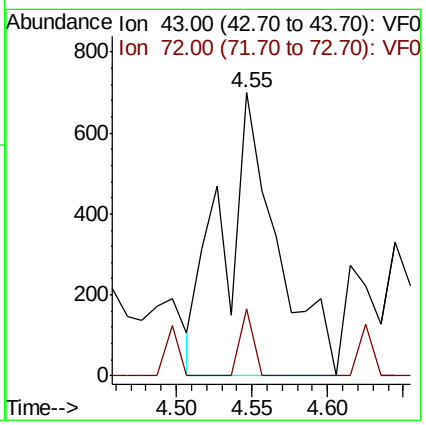


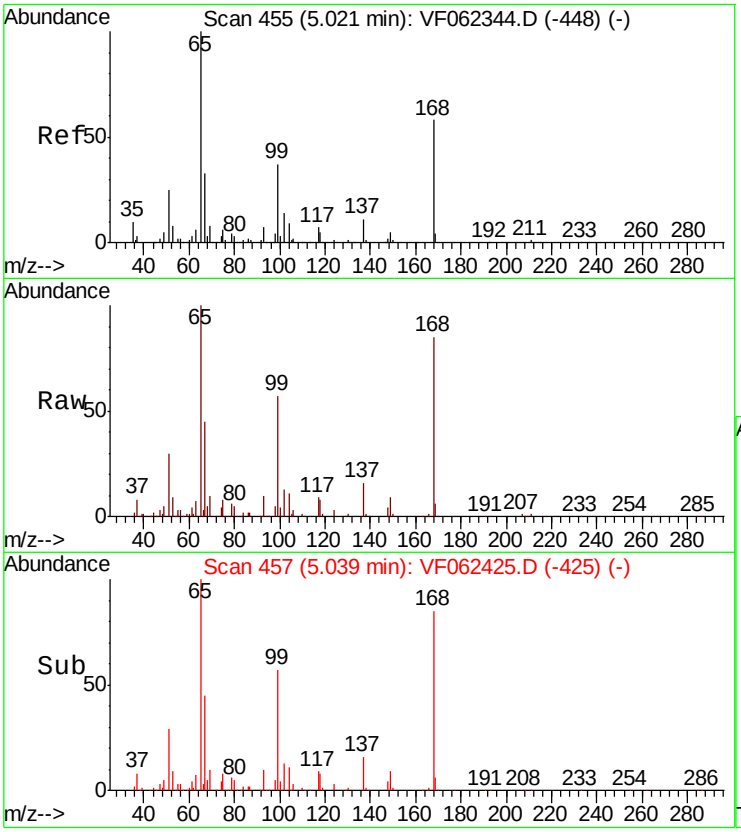


#25
2-Butanone
Concen: 1.859 ug/l
RT: 4.55 min Scan# 407
Delta R.T. 0.02 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Tgt Ion: 43 Resp: 1739

Ion	Ratio	Lower	Upper
43	100		
72	23.7	14.2	21.4#



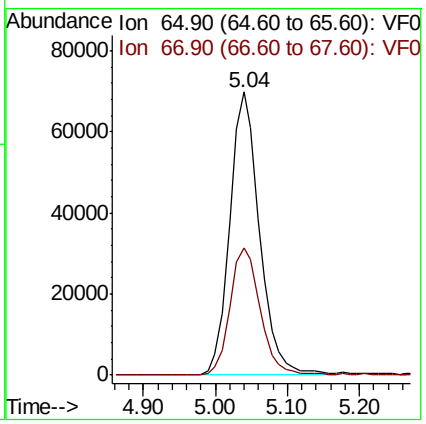


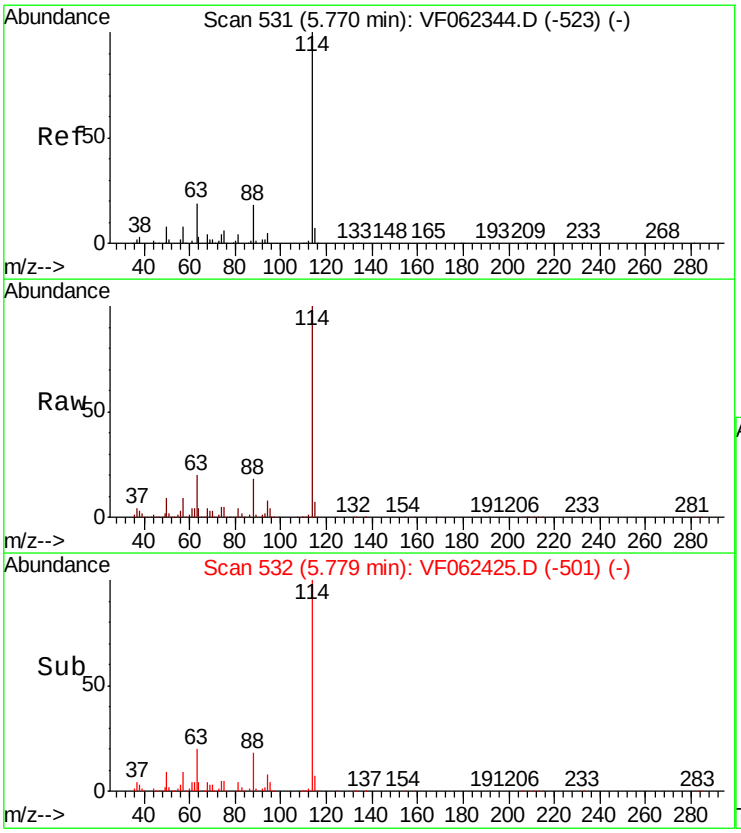
#33
1,2-Dichloroethane-d4
Concen: 54.649 ug/l
RT: 5.04 min Scan# 457
Delta R.T. 0.02 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Instrument : MSVOA_F
ClientSampleId : CL-02-050719-ERE

Tgt Ion: 65 Resp: 201132

Ion	Ratio	Lower	Upper
65	100		
67	45.7	0.0	85.8

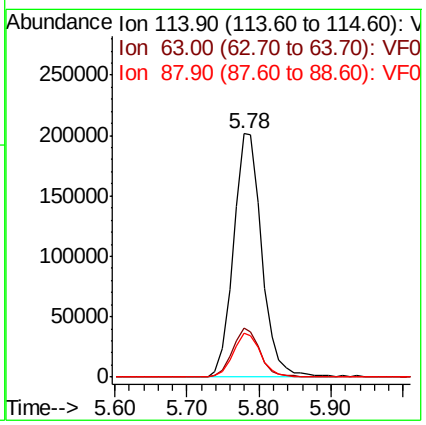


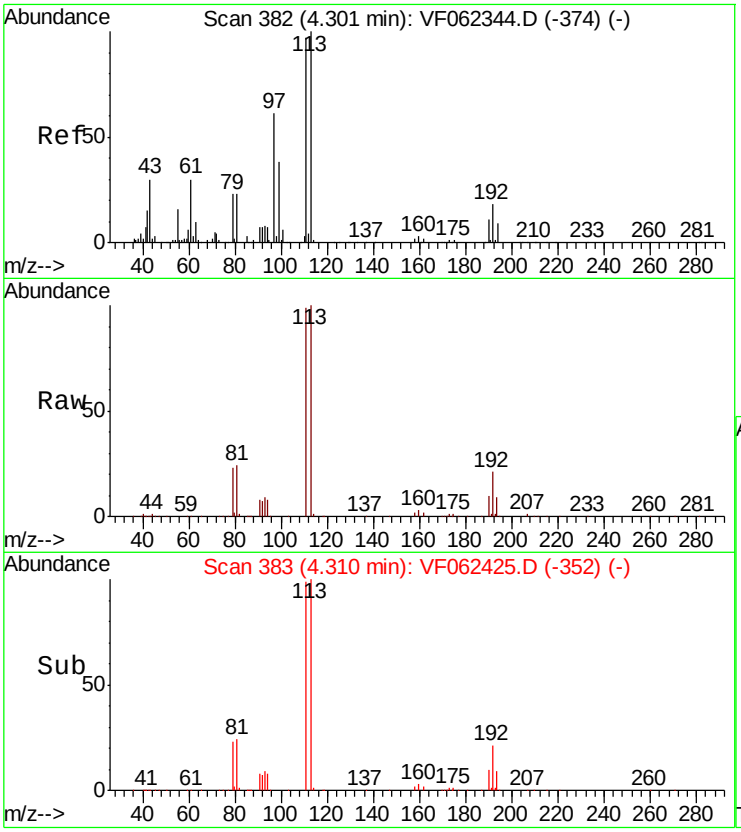


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.01 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Tgt Ion:114 Resp: 551402

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	37.4
88	18.2	0.0	36.4



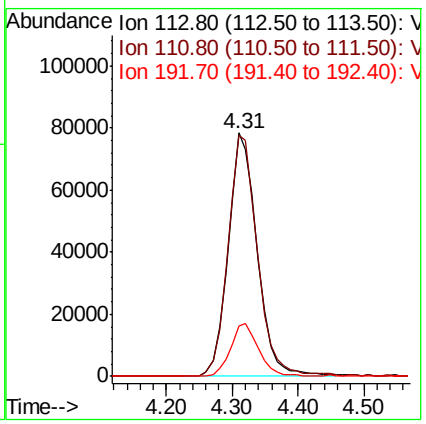


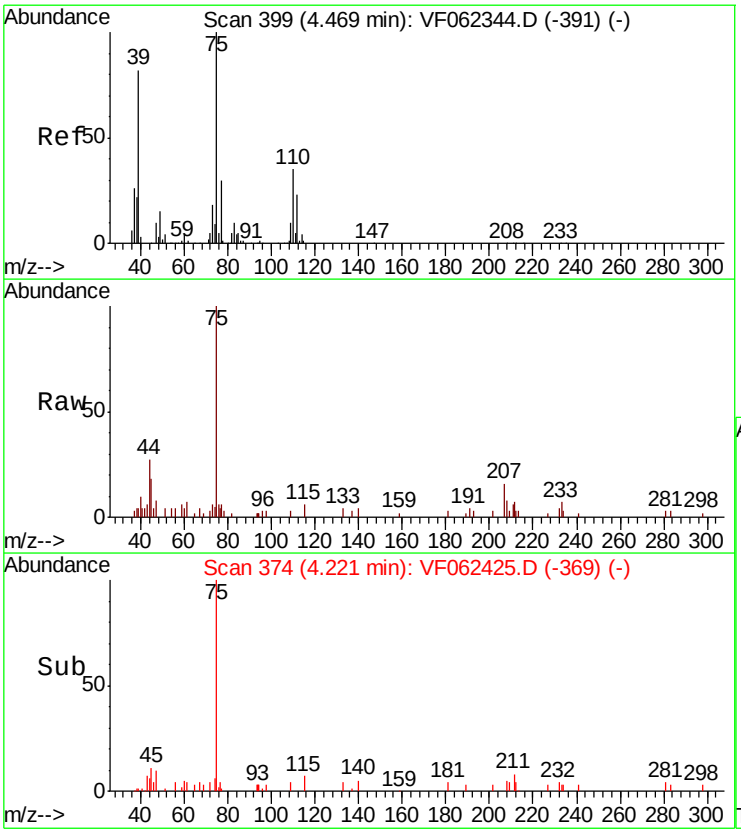
#35
Dibromofluoromethane
Concen: 55.013 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-ERE

Tgt Ion:113 Resp: 241669

Ion	Ratio	Lower	Upper
113	100		
111	100.8	79.4	119.0
192	21.3	16.0	24.0

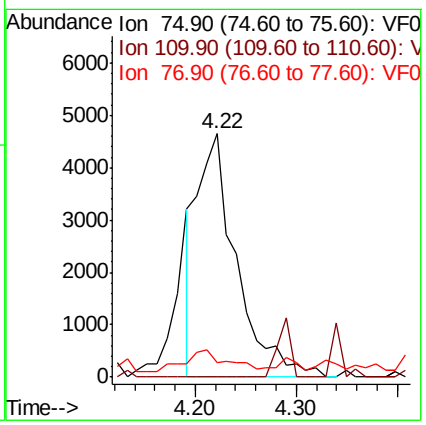


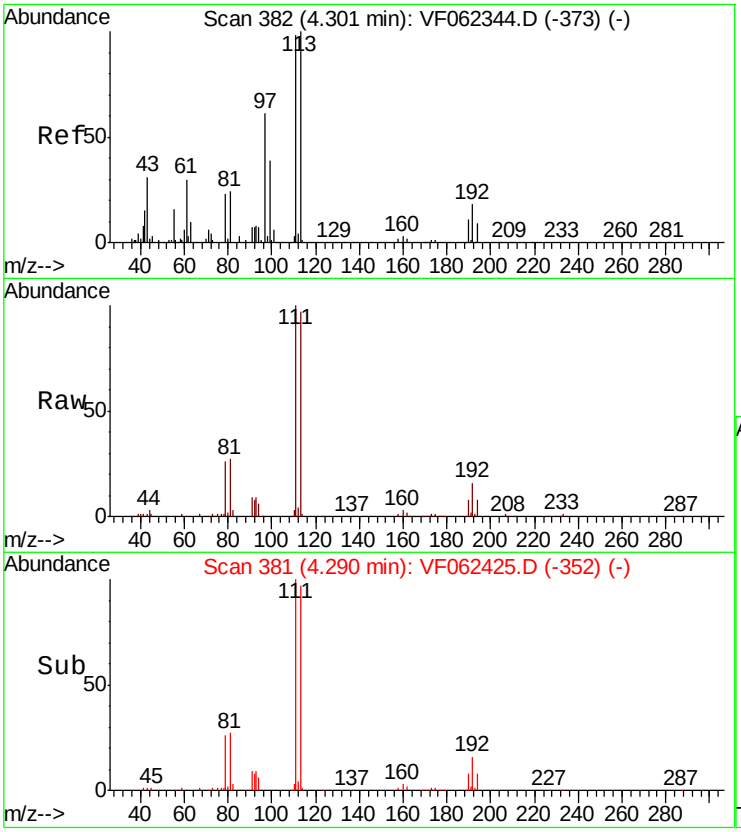


#36
1,1-Dichloropropene
Concen: 2.641 ug/l
RT: 4.22 min Scan# 374
Delta R.T. -0.25 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Tgt Ion: 75 Resp: 12512

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.2	51.5#
77	5.7	25.2	37.8#



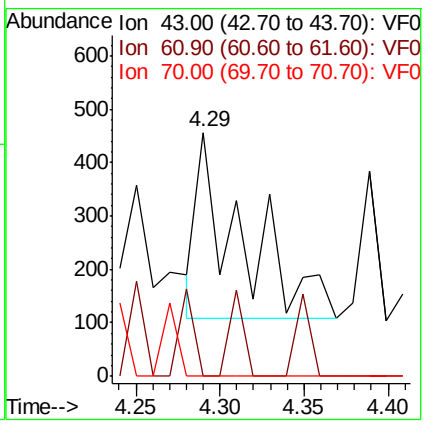


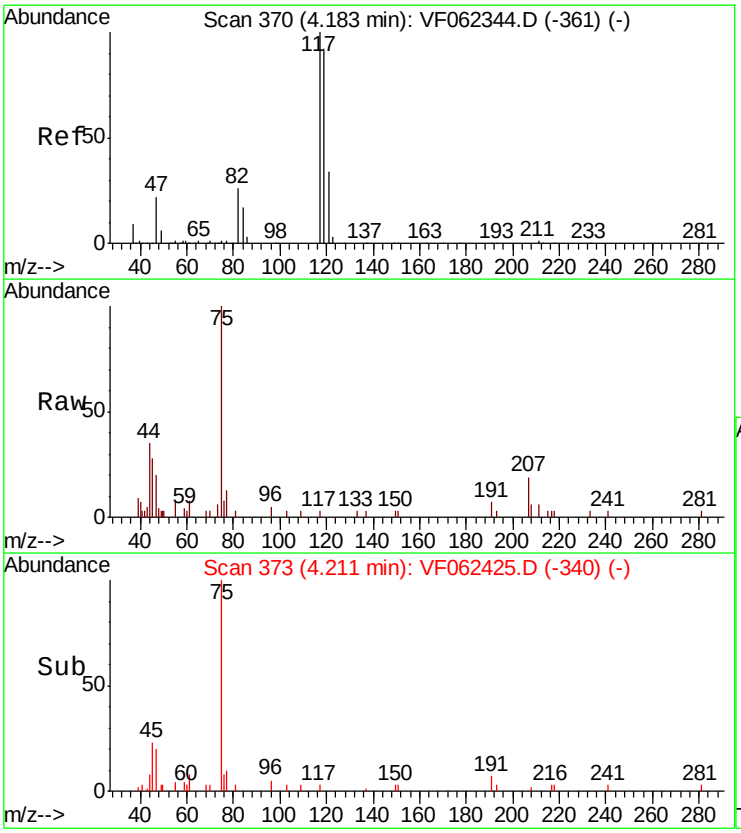
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-ERE

Tgt Ion: 43 Resp: 644

Ion	Ratio	Lower	Upper
43	100		
61	14.9	0.0	0.0#
70	12.7	8.2	12.2#

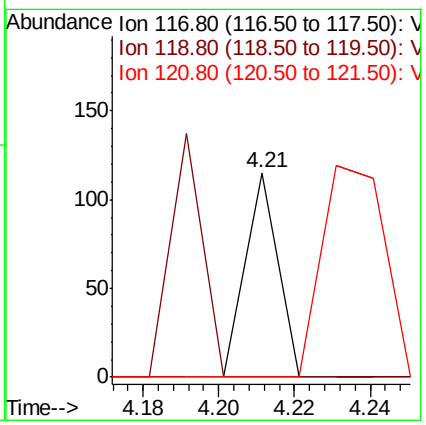


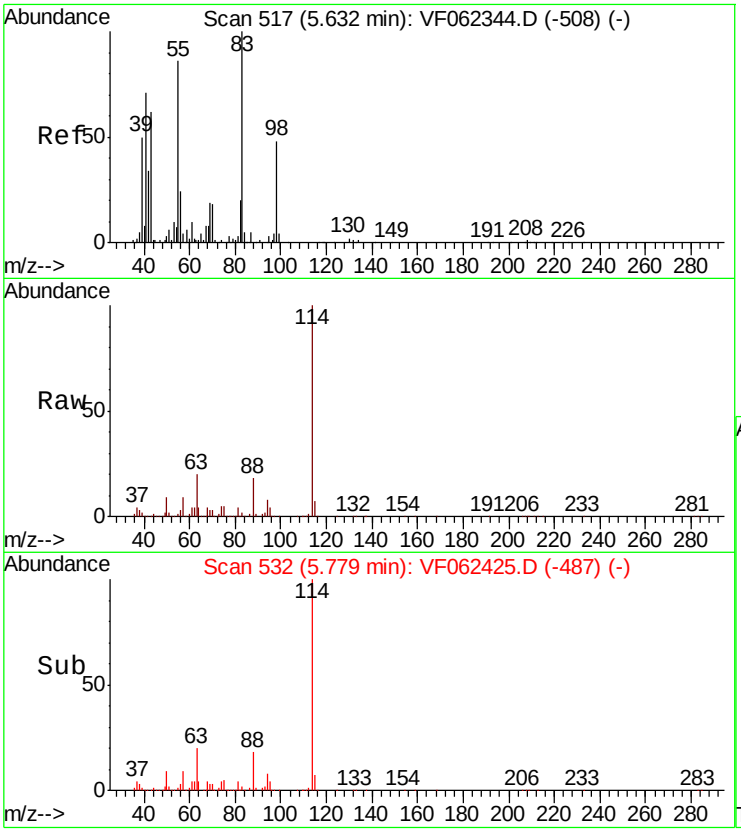


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.21 min Scan# 373
Delta R.T. 0.03 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Tgt Ion:117 Resp: 68

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



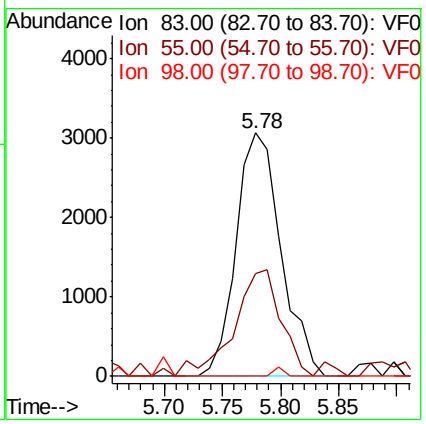


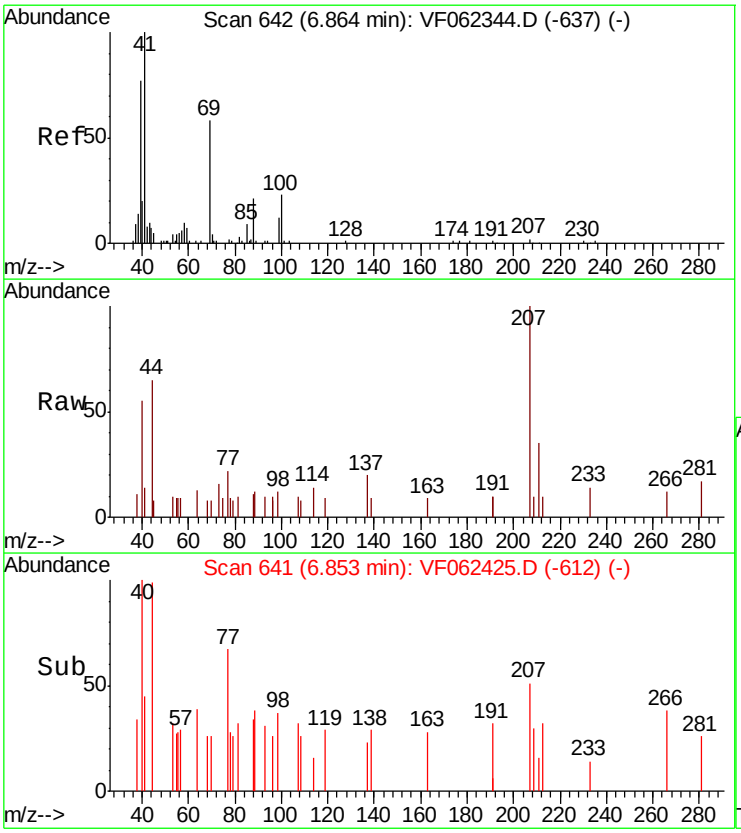
#39
Methylcyclohexane
Concen: 1.725 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.15 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-ERE

Tgt Ion: 83 Resp: 8194

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

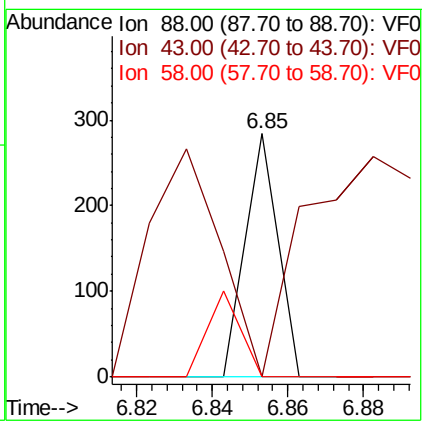


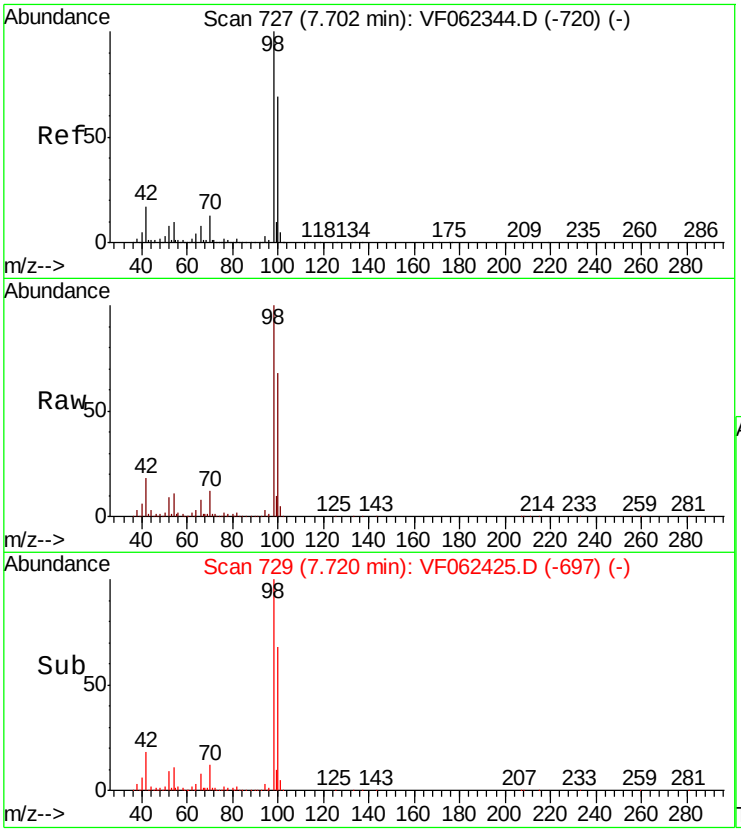


#49
1,4-Dioxane
Concen: Below Cal
RT: 6.85 min Scan# 641
Delta R.T. -0.01 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Tgt Ion: 88 Resp: 168

Ion	Ratio	Lower	Upper
88	100		
43	208.9	55.6	83.4#
58	35.7	52.8	79.2#



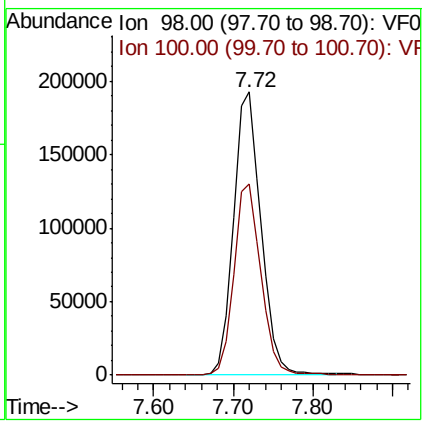


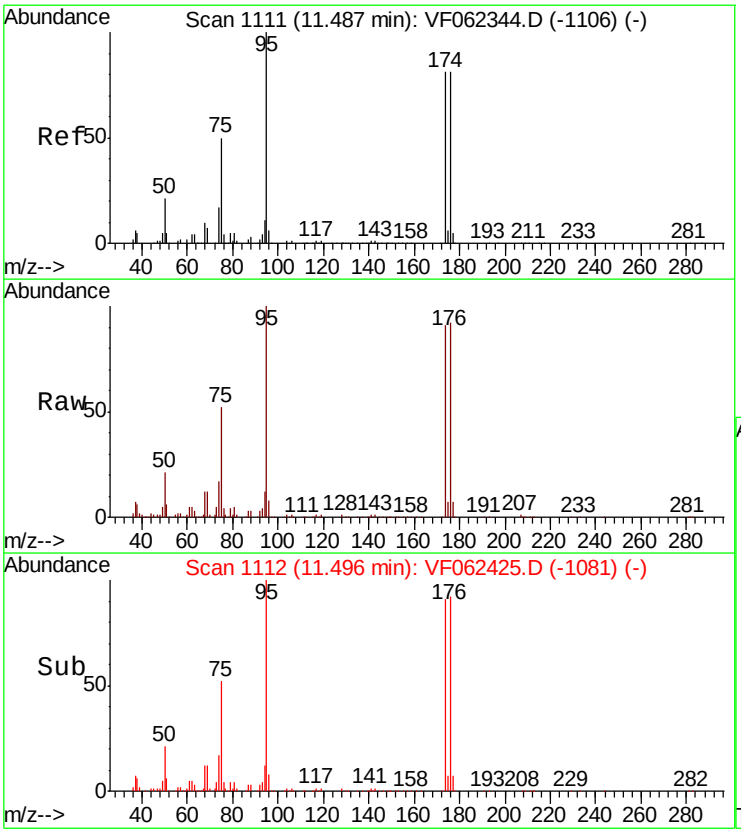
#50
Toluene-d8
Concen: 43.371 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-ERE

Tgt Ion: 98 Resp: 461194

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.3	79.9

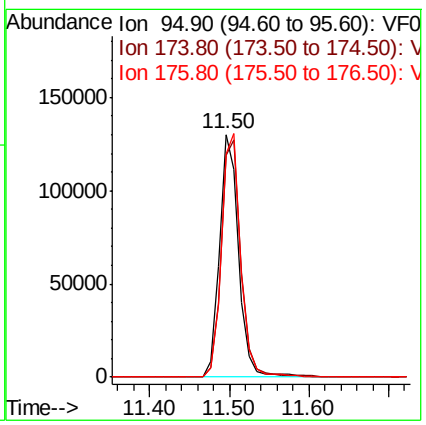


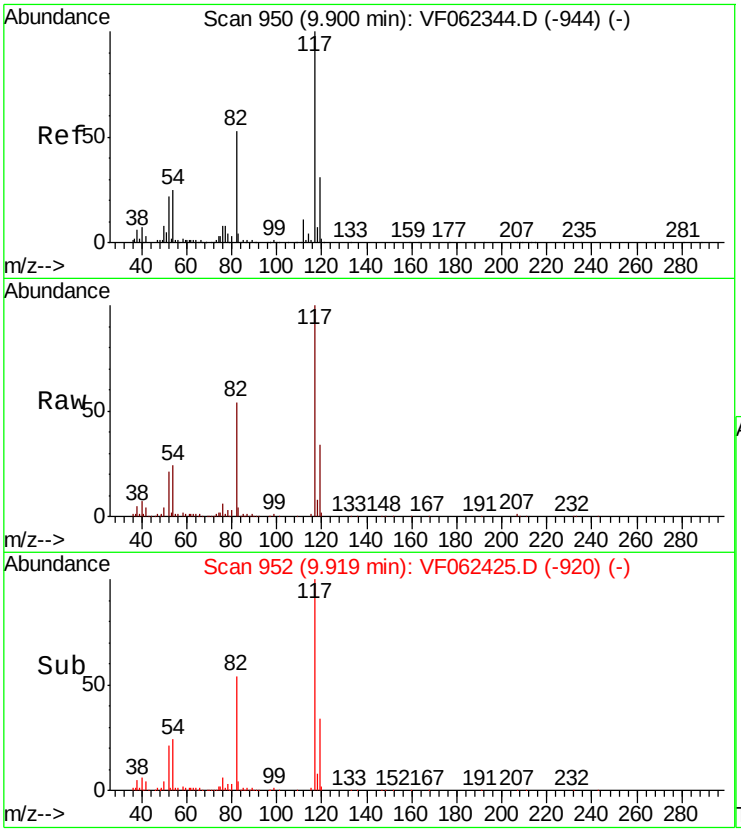


#62
4-Bromofluorobenzene
Concen: 46.072 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Tgt Ion: 95 Resp: 221031

Ion	Ratio	Lower	Upper
95	100		
174	100.4	0.0	191.8
176	100.8	0.0	193.2



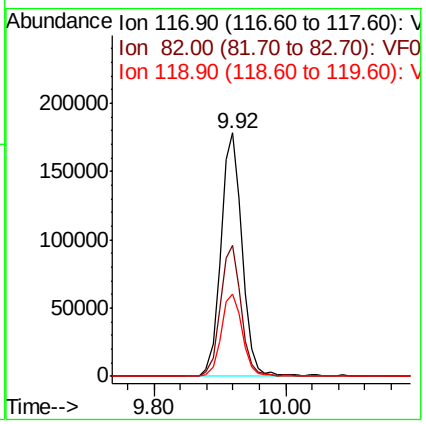


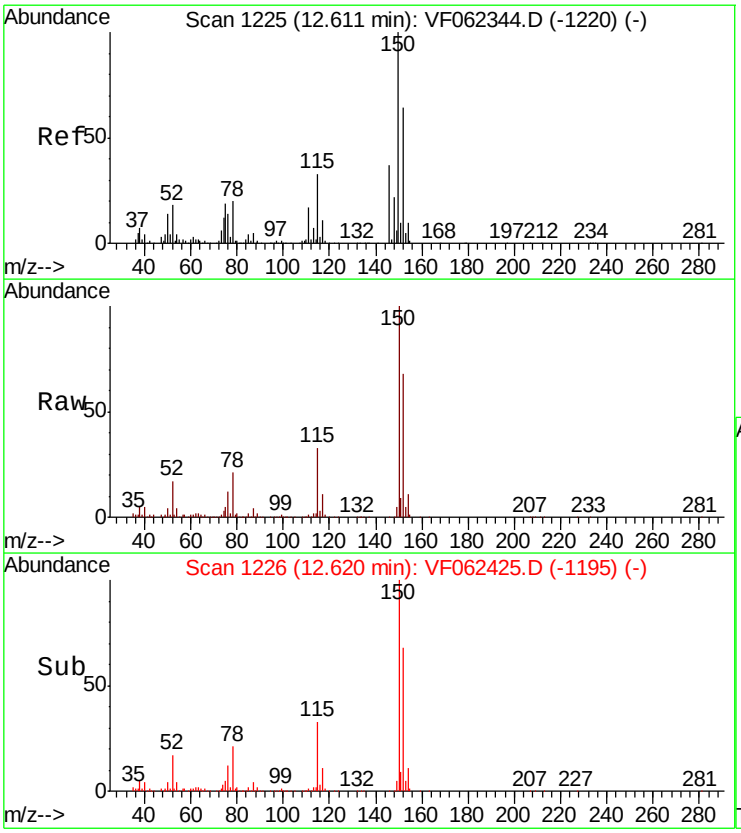
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-ERE

Tgt Ion:117 Resp: 401426

Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.2	63.2
119	33.6	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062425.D
Acq: 10 May 2019 16:03

Tgt Ion:152 Resp: 253310

Ion	Ratio	Lower	Upper
152	100		
115	53.6	26.4	79.2
150	150.8	0.0	335.0