Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062421.D
Acq On : 10 May 2019 14:11
Operator : FY/SY
Sample : K2641-01RE
Misc : 5.87g/5mL/MSVOA_F/SOIL
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: May 10 14:50:19 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	5.07	168	405808	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	552137	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	413693	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	230882	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	194315	50.67	ug/l	0.02
Spiked Amount 50.000			Recovery = 101.34%			
35) Dibromofluoromethane	4.32	113	237650	54.03	ug/l	0.02
Spiked Amount 50.000			Recovery = 108.06%			
50) Toluene-d8	7.72	98	498430	46.81	ug/l	0.02
Spiked Amount 50.000			Recovery = 93.62%			
62) 4-Bromofluorobenzene	11.50	95	212342	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.40%			
Target Compounds						Qvalue
5) Bromomethane	1.42	94	627	Below Cal		98
8) Diethyl Ether	1.72	74	1817	1.873	ug/l	72
11) Tert butyl alcohol	2.73	59	947	4.369	ug/l #	1
13) Acrolein	2.11	56	540	Below Cal	#	46
15) Acrylonitrile	3.05	53	726	1.768	ug/l #	48
16) Acetone	2.36	43	3295	4.247	ug/l #	84
18) Methyl Acetate	2.50	43	11889	5.623	ug/l #	70
20) Methylene Chloride	2.36	84	13514	4.815	ug/l	95
29) Tetrahydrofuran	4.31	42	1654	3.692	ug/l #	48
36) 1,1-Dichloropropene	4.22	75	25494	5.375	ug/l #	42
37) Ethyl Acetate	4.33	43	473	Below Cal	#	85
38) Carbon Tetrachloride	4.24	117	97	Below Cal	#	14
39) Methylcyclohexane	5.78	83	8222	1.728	ug/l #	33
49) 1,4-Dioxane	6.89	88	75	Below Cal	#	1
59) 2-Hexanone	9.63	43	1675	1.482	ug/l	72
81) trans-1,4-Dichloro-2-buten	11.95	75	810	1.318	ug/l #	5

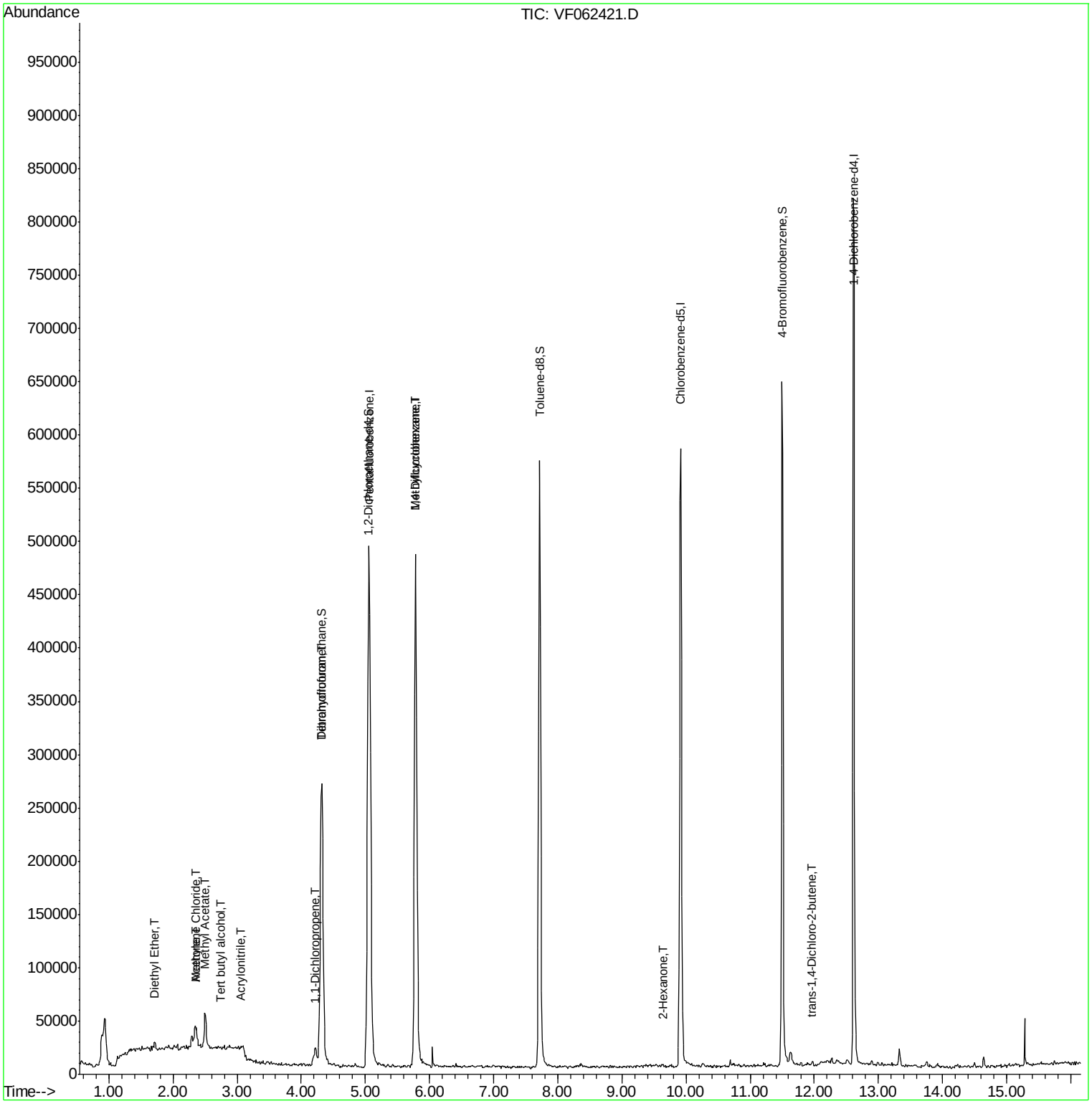
(#) = qualifier out of range (m) = manual integration (+) = signals summed

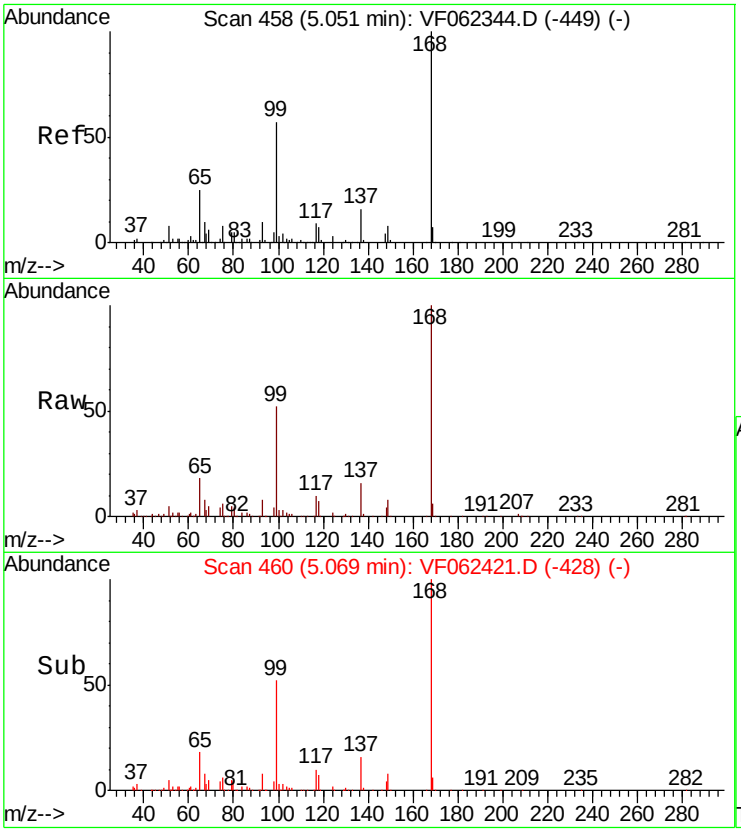
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062421.D
Acq On : 10 May 2019 14:11
Operator : FY/SY
Sample : K2641-01RE
Misc : 5.87g/5mL/MSVOA_F/SOIL
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: May 10 14:50:19 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



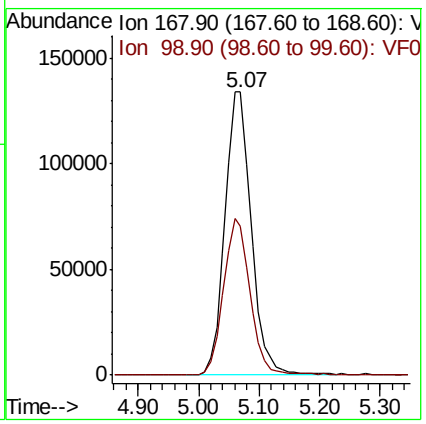


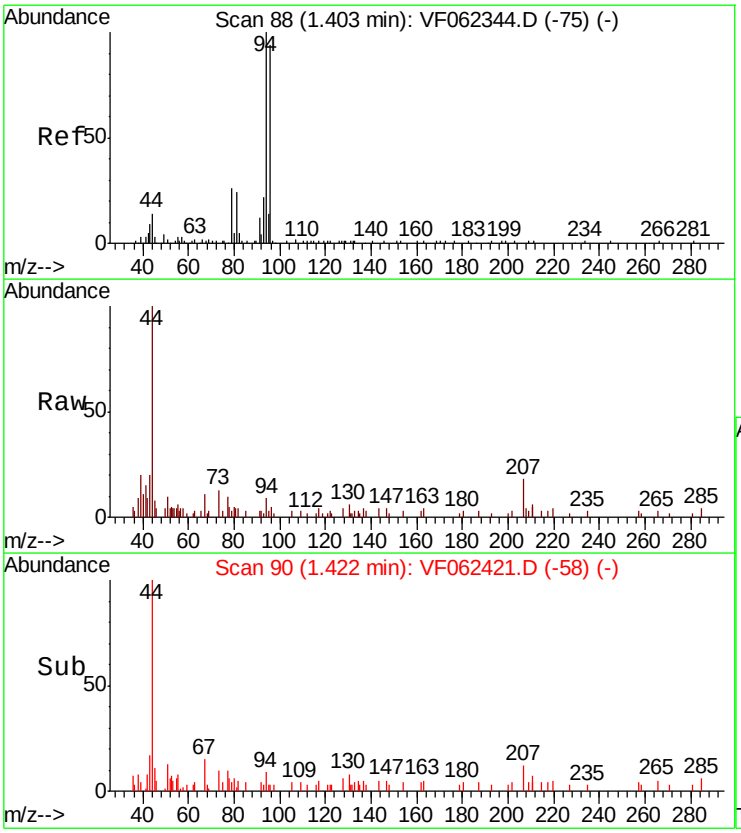
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 460
Delta R.T. 0.02 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

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

Tgt Ion:168 Resp: 405808

Ion	Ratio	Lower	Upper
168	100		
99	52.4	45.9	68.9

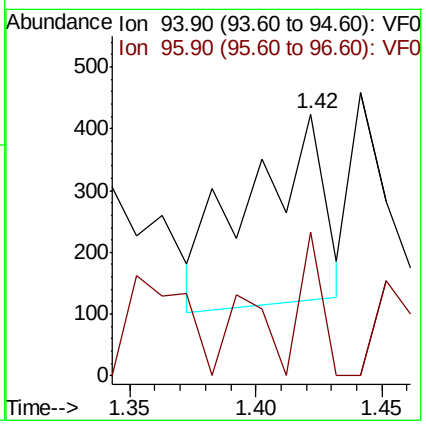


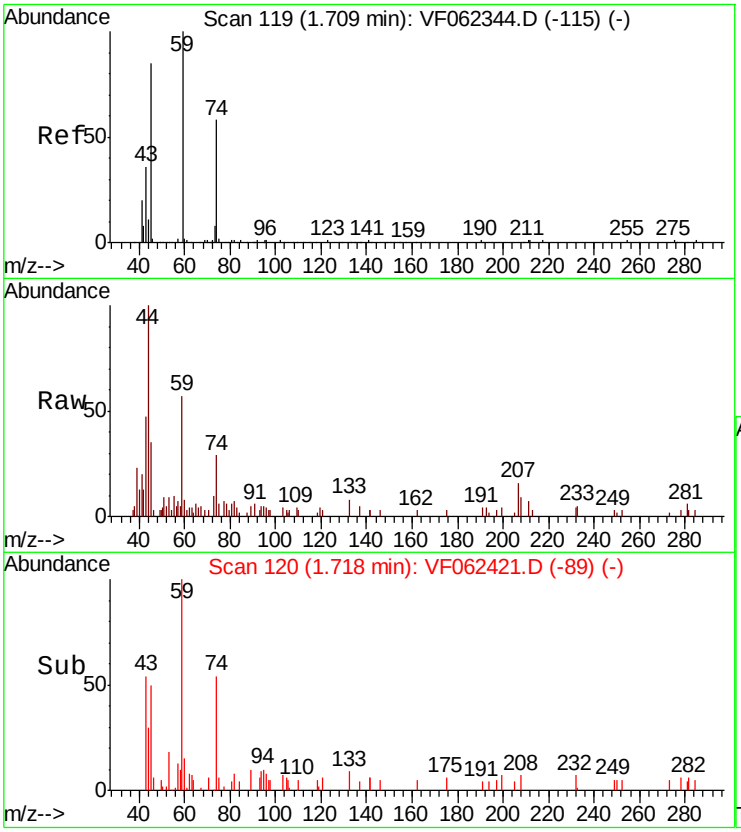


#5
Bromomethane
Concen: Below Cal
RT: 1.42 min Scan# 90
Delta R.T. 0.02 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

Tgt Ion: 94 Resp: 627

Ion	Ratio	Lower	Upper
94	100		
96	96.3	75.4	113.2



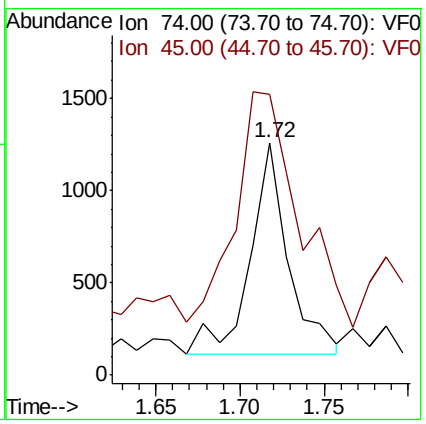


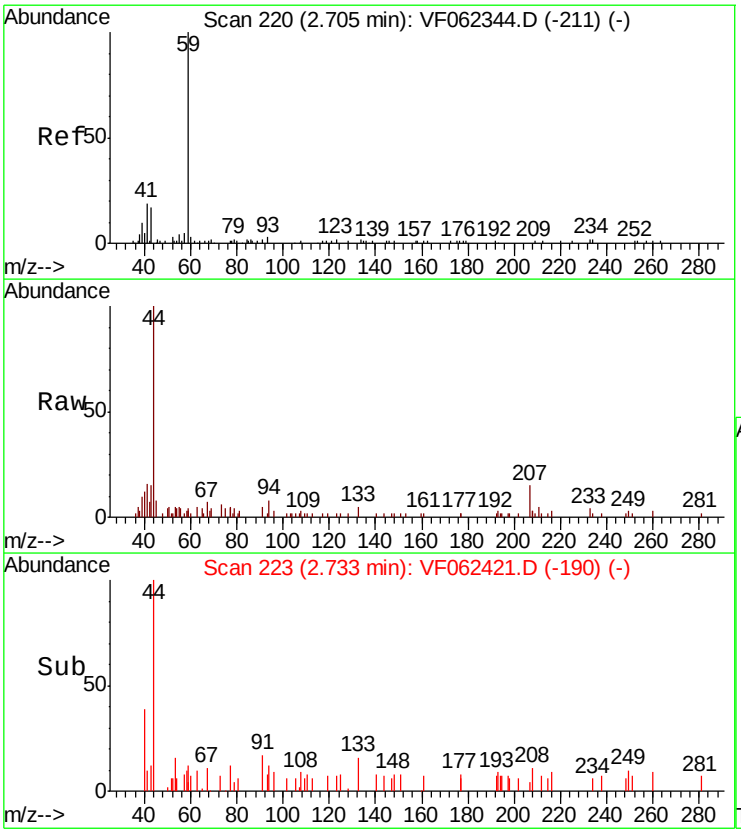
#8
Diethyl Ether
Concen: 1.873 ug/l
RT: 1.72 min Scan# 120
Delta R.T. 0.01 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

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

Tgt Ion: 74 Resp: 1817

Ion	Ratio	Lower	Upper
74	100		
45	182.9	73.9	221.6

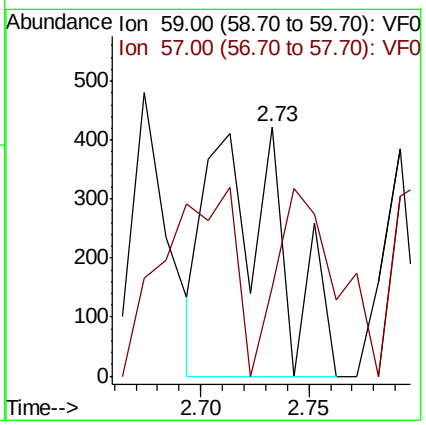


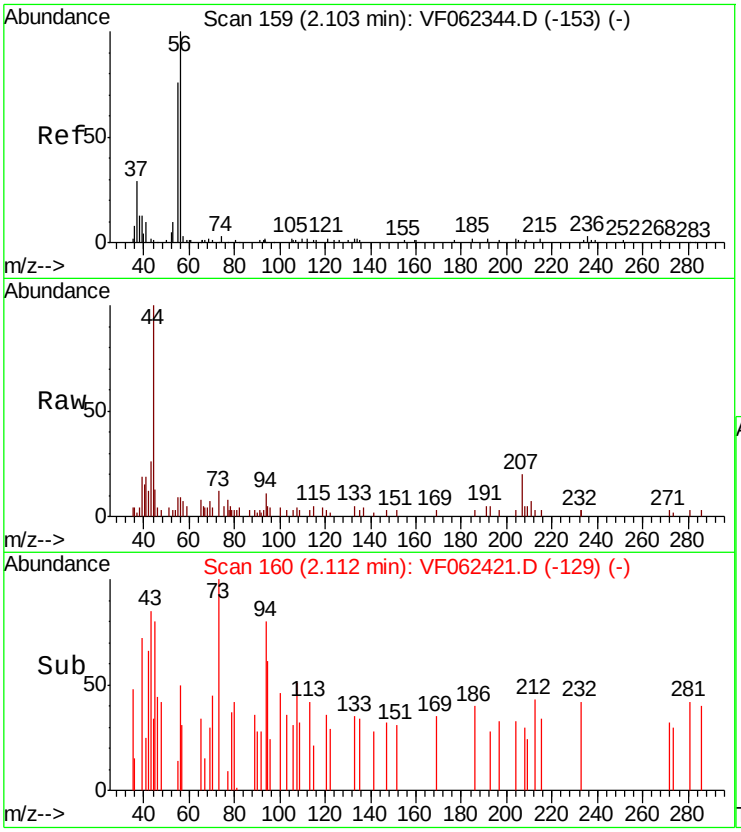


#11
Tert butyl alcohol
Concen: 4.369 ug/l
RT: 2.73 min Scan# 223
Delta R.T. 0.03 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

Tgt Ion: 59 Resp: 947

Ion	Ratio	Lower	Upper
59	100		
57	65.4	9.3	13.9#



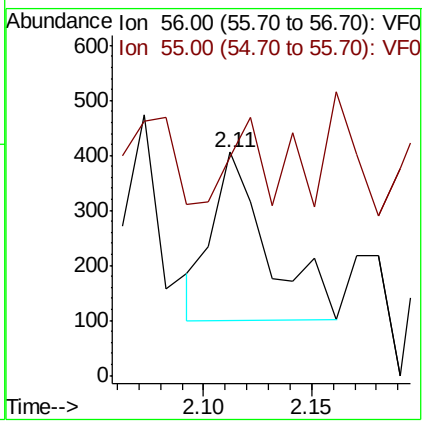


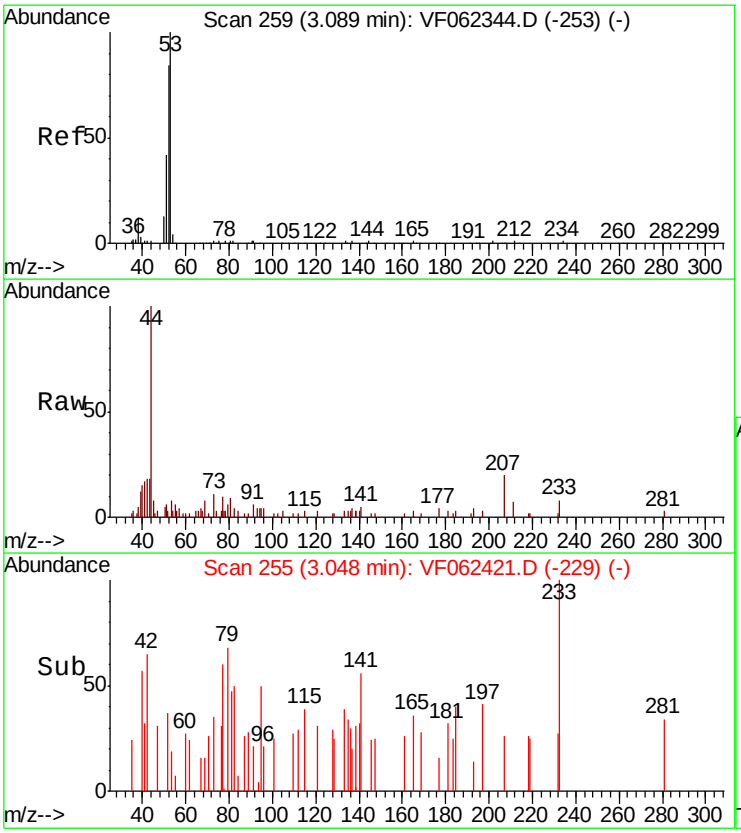
#13
Acrolein
Concen: Below Cal
RT: 2.11 min Scan# 160
Delta R.T. 0.01 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

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

Tgt Ion: 56 Resp: 540

Ion	Ratio	Lower	Upper
56	100		
55	27.4	58.4	87.6#

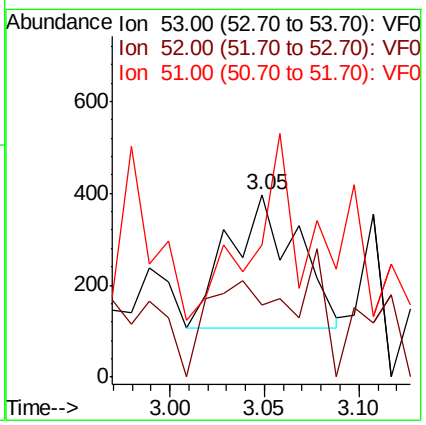


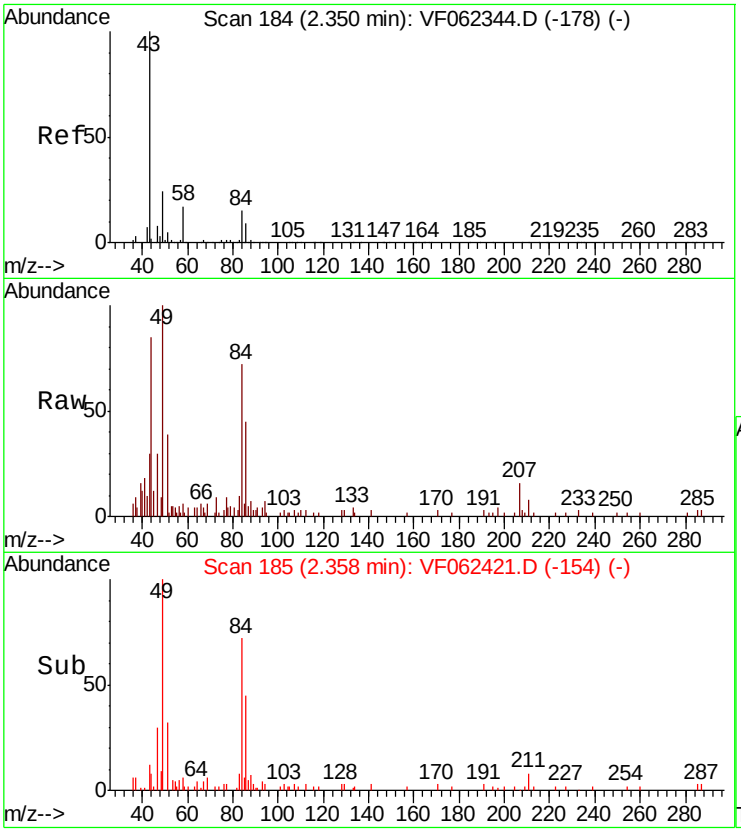


#15
Acrylonitrile
Concen: 1.768 ug/l
RT: 3.05 min Scan# 255
Delta R.T. -0.04 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

Tgt Ion: 53 Resp: 726

Ion	Ratio	Lower	Upper
53	100		
52	58.5	77.2	115.8#
51	105.4	40.6	61.0#



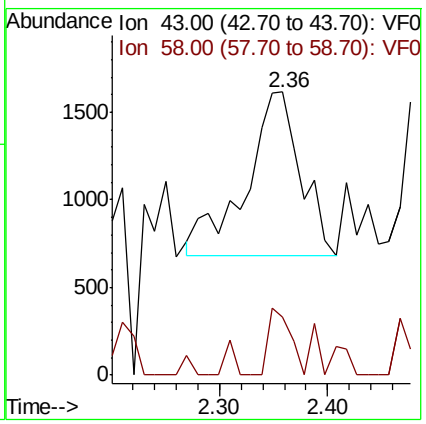


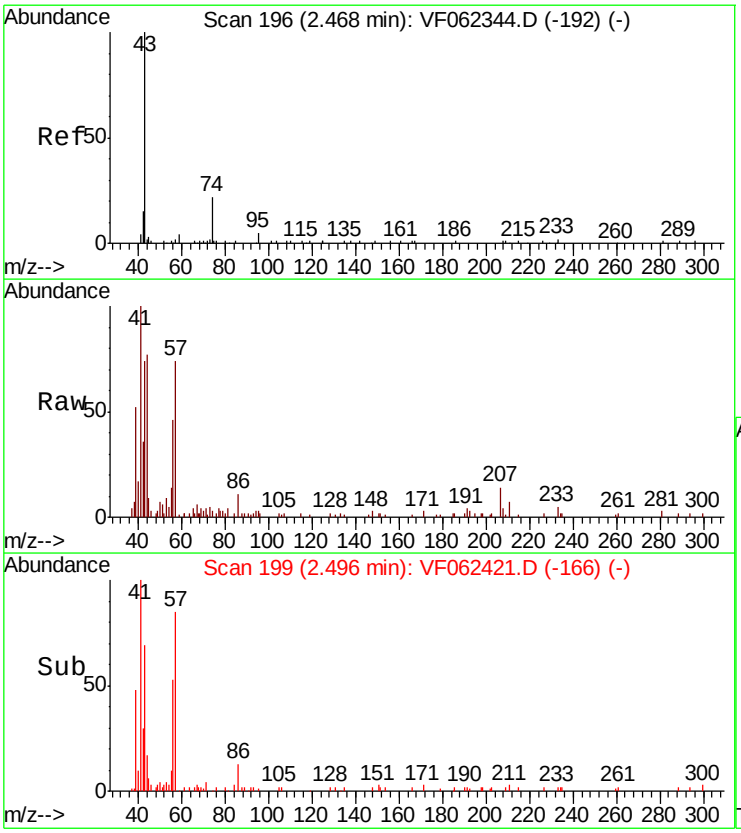
#16
Acetone
Concen: 4.247 ug/l
RT: 2.36 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

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

Tgt Ion: 43 Resp: 3295

Ion	Ratio	Lower	Upper
43	100		
58	23.2	13.1	19.7#

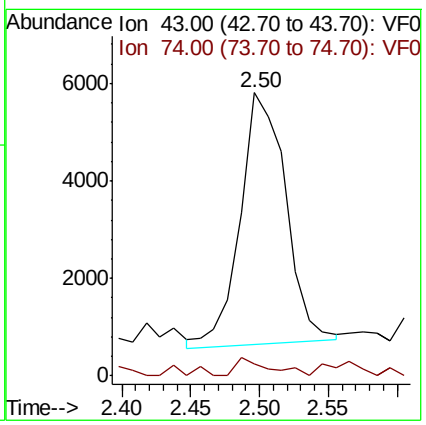


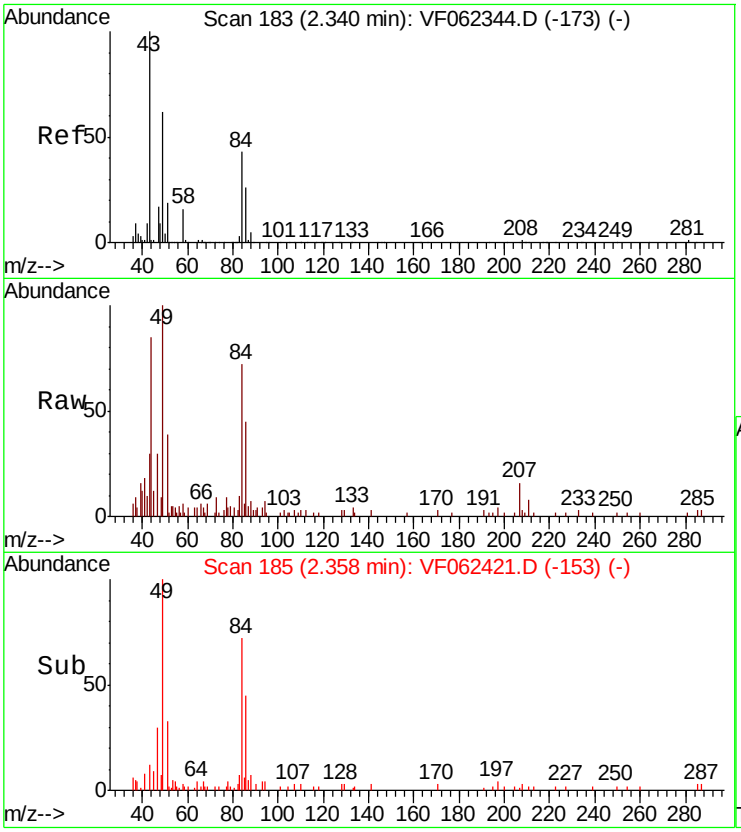


#18
Methyl Acetate
Concen: 5.623 ug/l
RT: 2.50 min Scan# 199
Delta R.T. 0.03 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

Tgt Ion: 43 Resp: 11889

Ion	Ratio	Lower	Upper
43	100		
74	5.3	15.0	22.4#



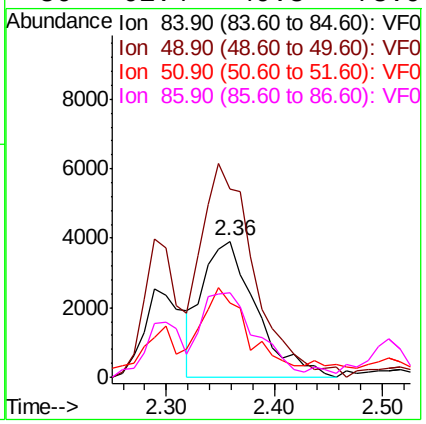


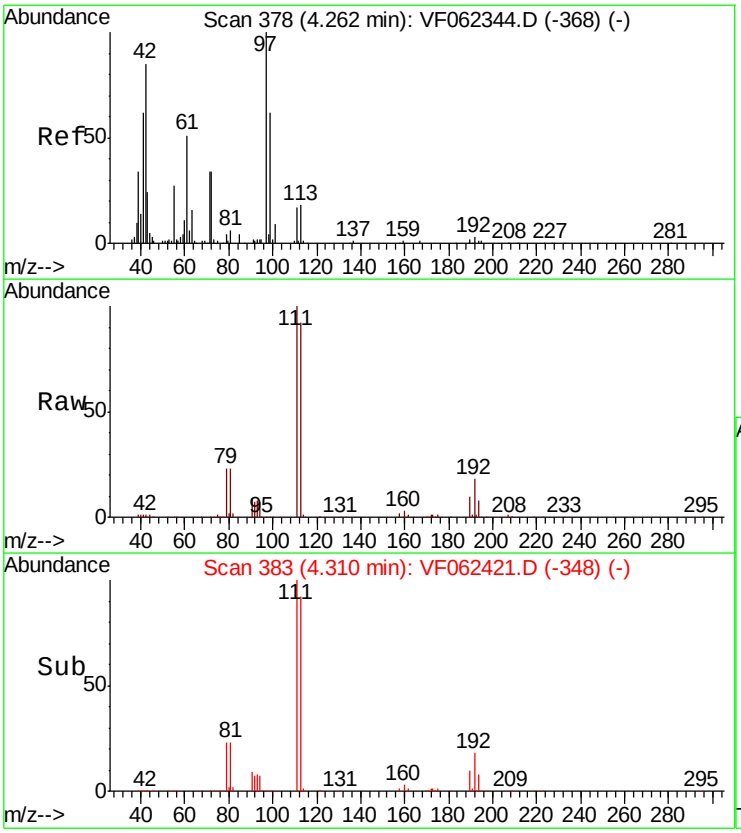
#20
Methylene Chloride
Concen: 4.815 ug/l
RT: 2.36 min Scan# 185
Delta R.T. 0.02 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

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

Tgt Ion: 84 Resp: 13514

Ion	Ratio	Lower	Upper
84	100		
49	135.6	117.5	176.3
51	46.3	37.0	55.4
86	61.4	49.3	73.9

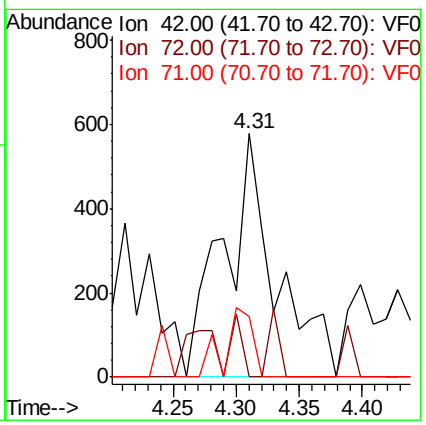


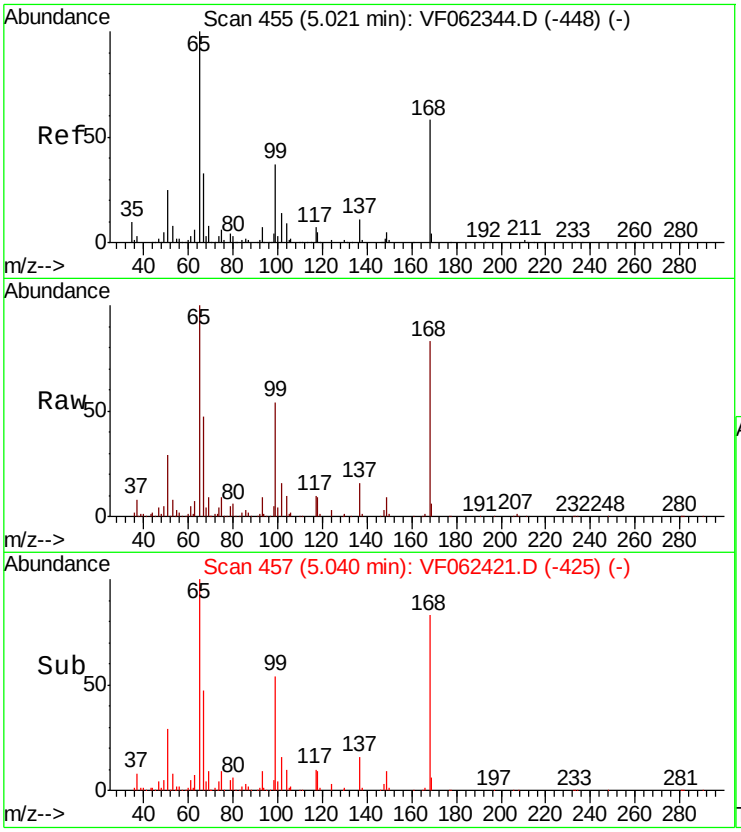


#29
Tetrahydrofuran
Concen: 3.692 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.05 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

Tgt Ion: 42 Resp: 1654

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.0#
71	14.8	31.7	47.5#



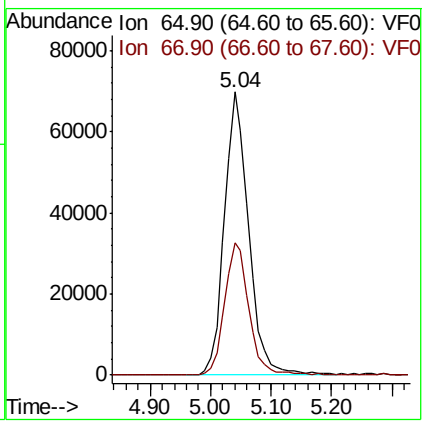


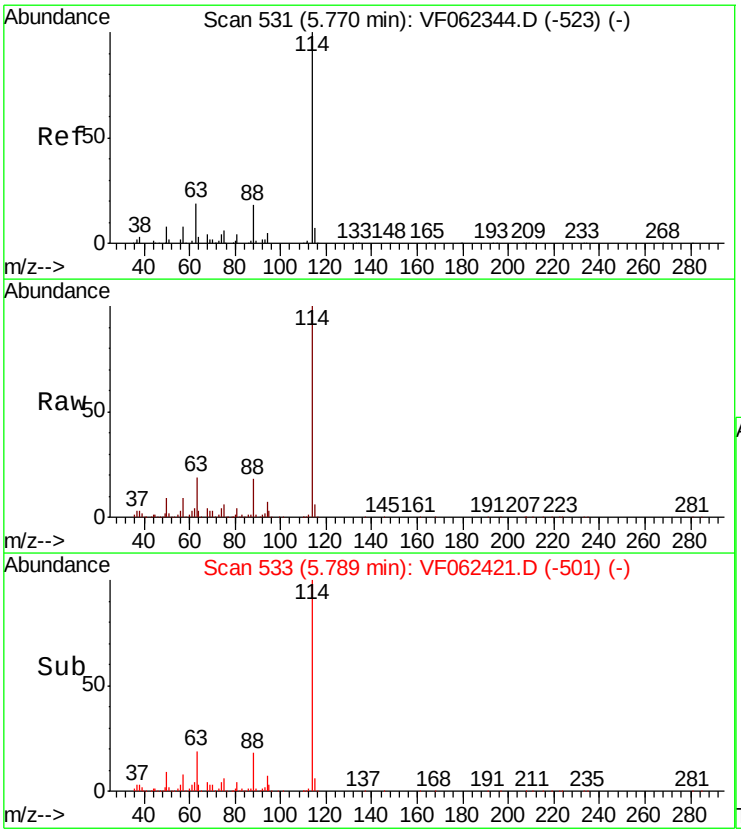
#33
1,2-Dichloroethane-d4
Concen: 50.668 ug/l
RT: 5.04 min Scan# 457
Delta R.T. 0.02 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

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

Tgt Ion: 65 Resp: 194315

Ion	Ratio	Lower	Upper
65	100		
67	46.8	0.0	85.8

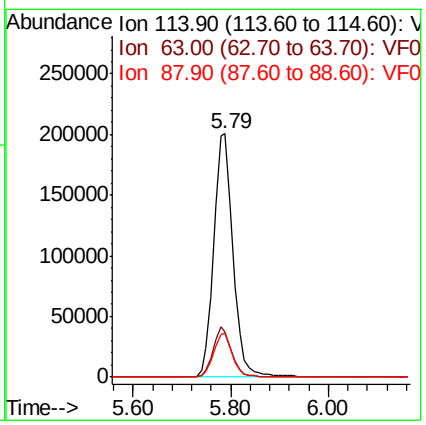


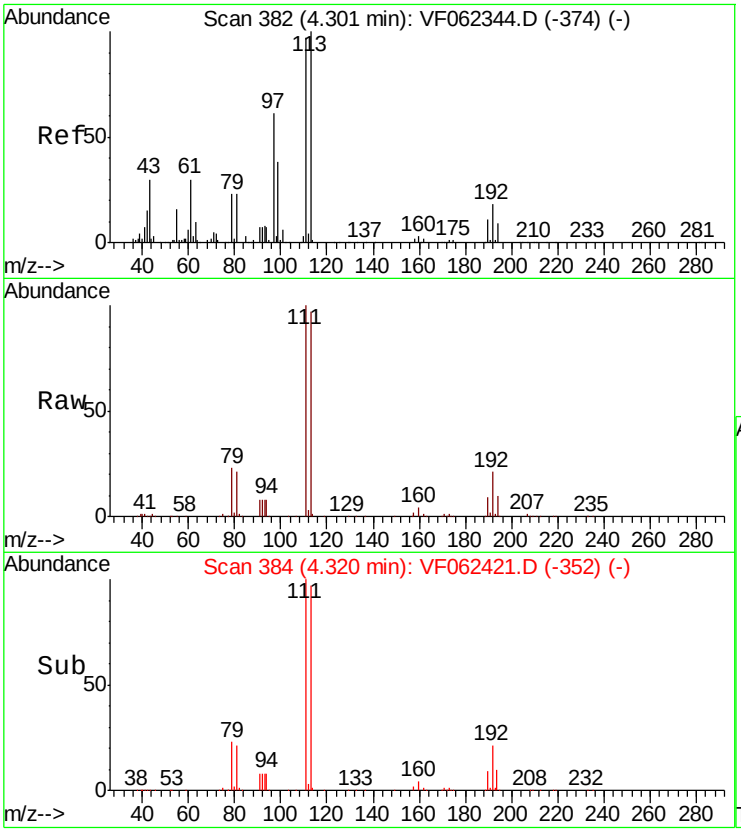


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 533
Delta R.T. 0.02 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

Tgt Ion:114 Resp: 552137

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	37.4
88	18.1	0.0	36.4



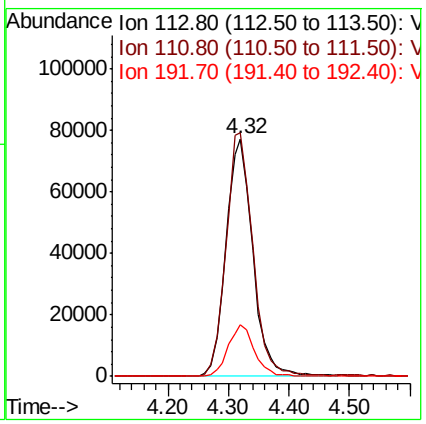


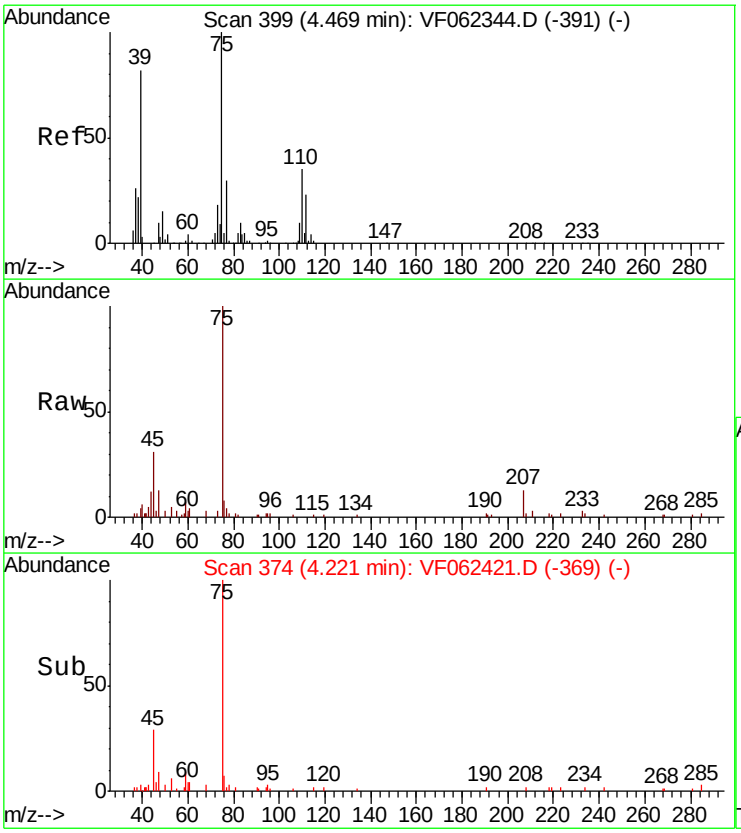
#35
Dibromofluoromethane
Concen: 54.026 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.02 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

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

Tgt Ion:113 Resp: 237650

Ion	Ratio	Lower	Upper
113	100		
111	102.6	79.4	119.0
192	21.3	16.0	24.0

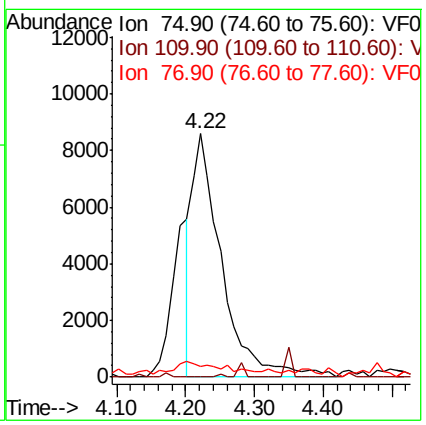


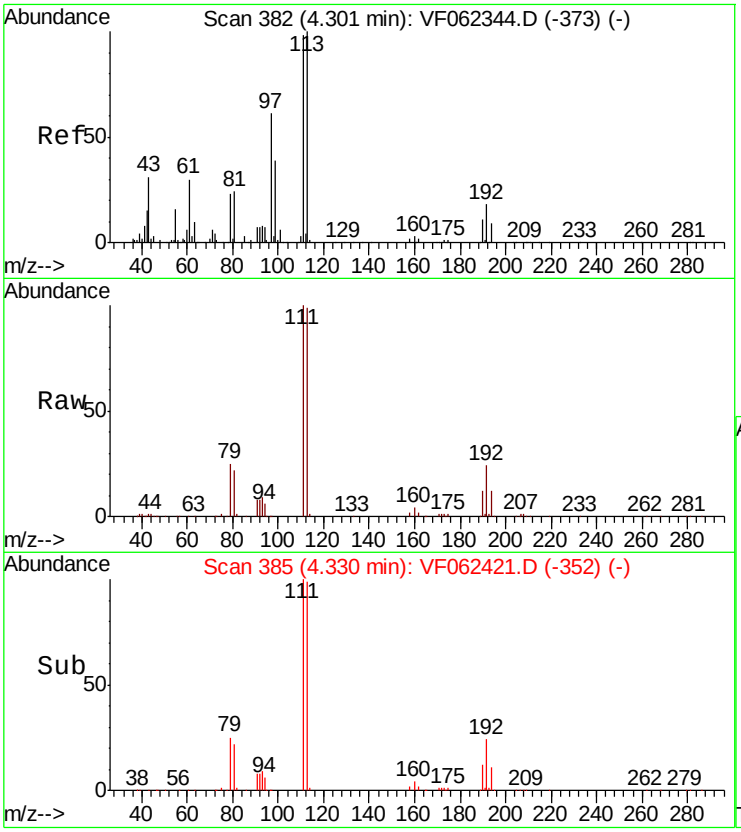


#36
1,1-Dichloropropene
Concen: 5.375 ug/l
RT: 4.22 min Scan# 374
Delta R.T. -0.25 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

Tgt Ion: 75 Resp: 25494

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



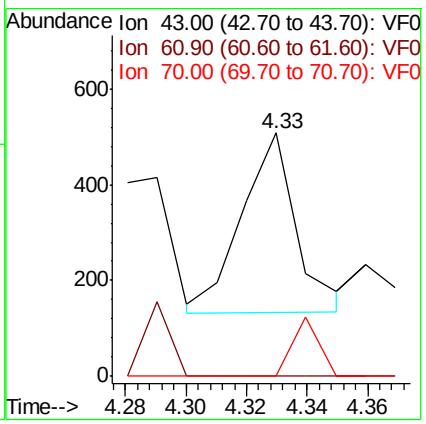


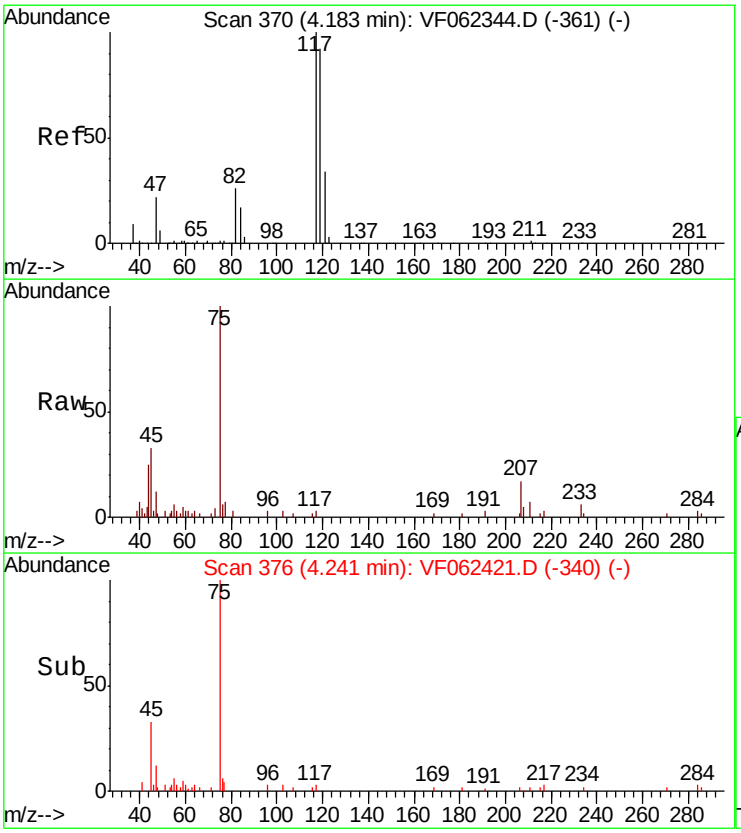
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 385
Delta R.T. 0.03 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

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

Tgt Ion: 43 Resp: 473

Ion	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	15.6	8.2	12.2#

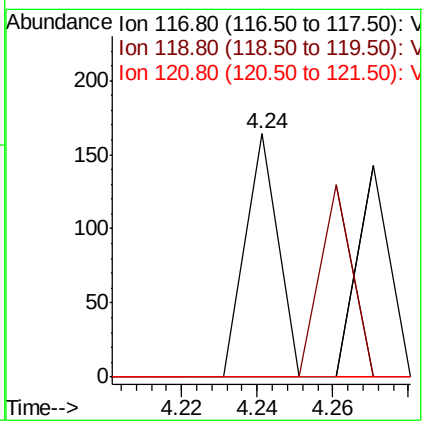


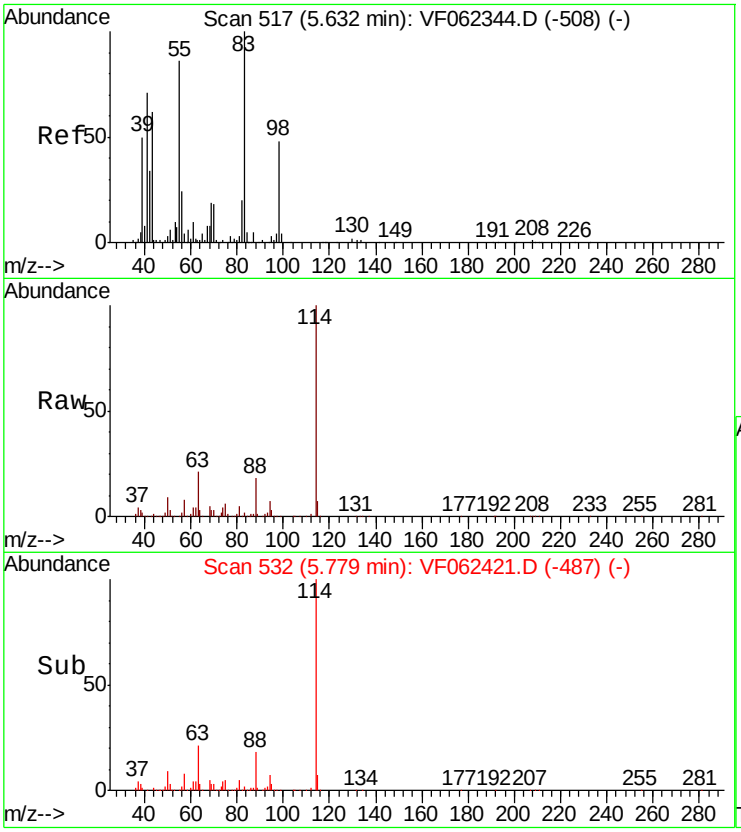


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.24 min Scan# 376
Delta R.T. 0.06 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

Tgt Ion:117 Resp: 97

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



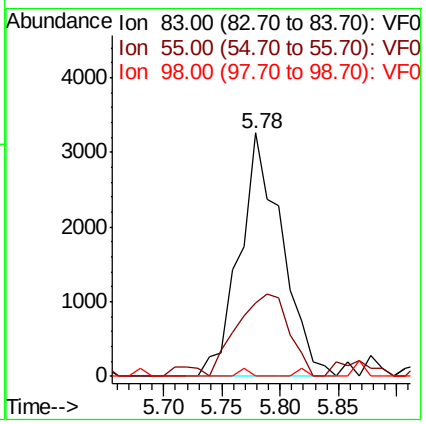


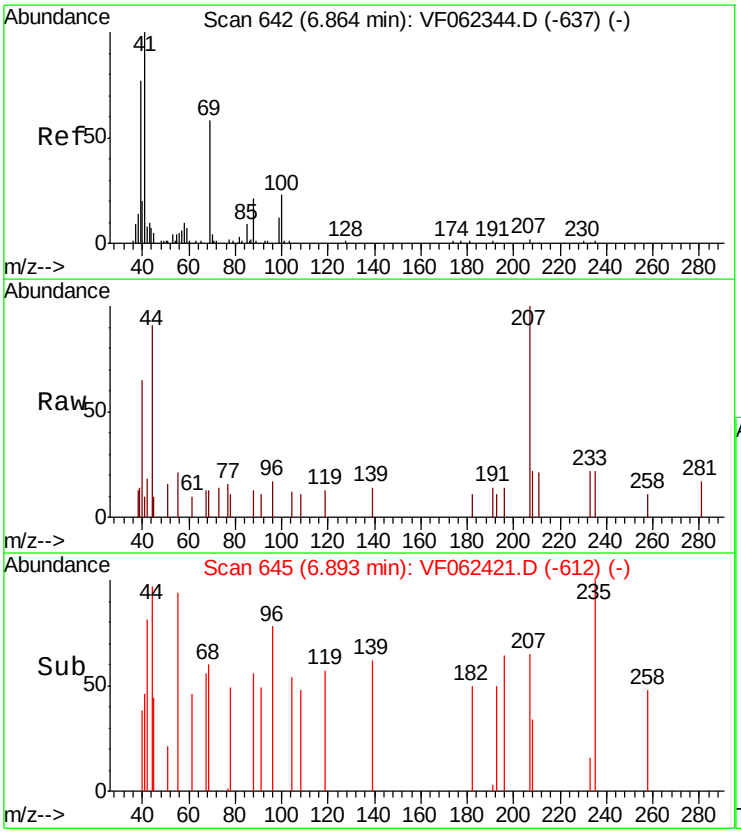
#39
Methylcyclohexane
Concen: 1.728 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.15 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

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

Tgt Ion: 83 Resp: 8222

Ion	Ratio	Lower	Upper
83	100		
55	26.6	69.0	103.6#
98	0.0	38.6	58.0#

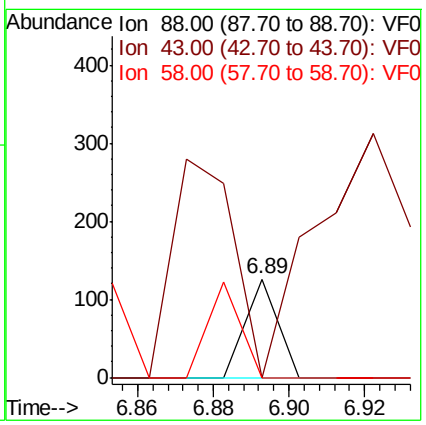


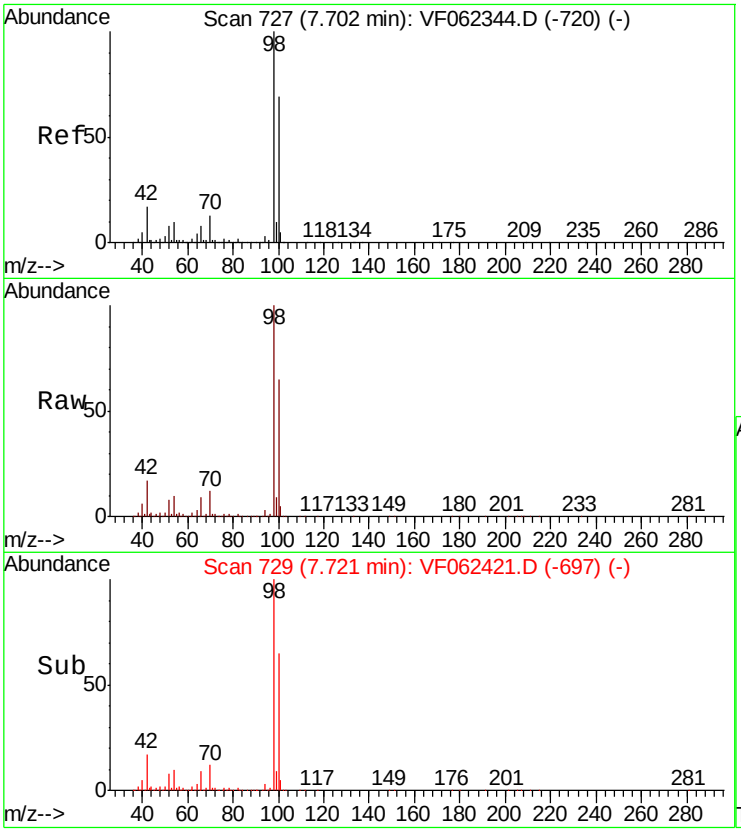


#49
1,4-Dioxane
Concen: Below Cal
RT: 6.89 min Scan# 645
Delta R.T. 0.03 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

Tgt Ion: 88 Resp: 75

Ion	Ratio	Lower	Upper
88	100		
43	416.0	55.6	83.4#
58	97.3	52.8	79.2#



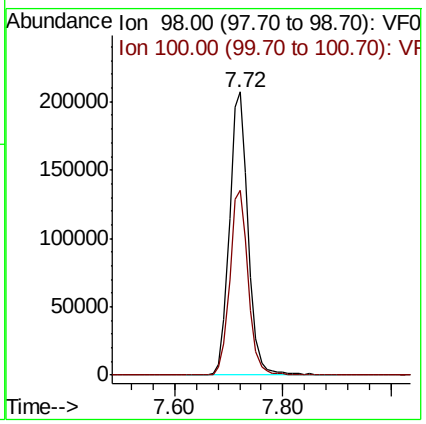


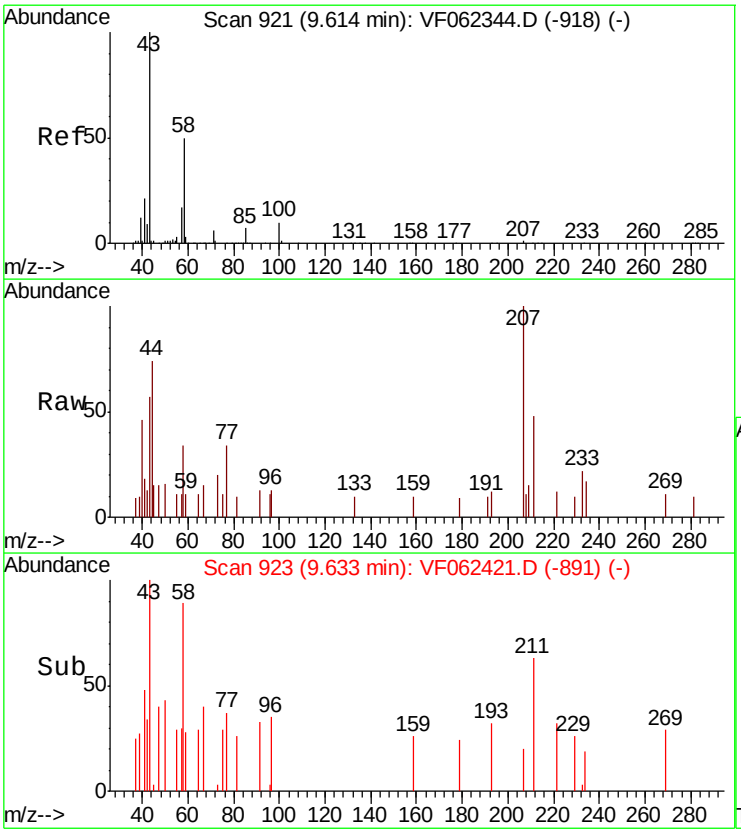
#50
Toluene-d8
Concen: 46.810 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

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

Tgt Ion: 98 Resp: 498430

Ion	Ratio	Lower	Upper
98	100		
100	64.5	53.3	79.9

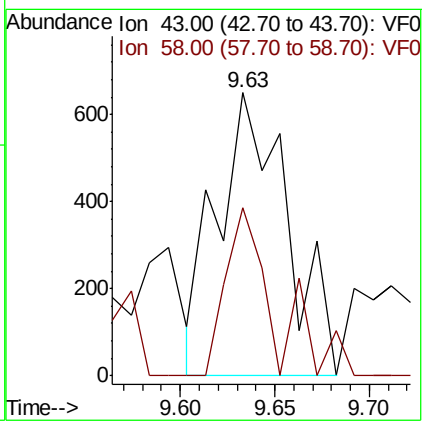


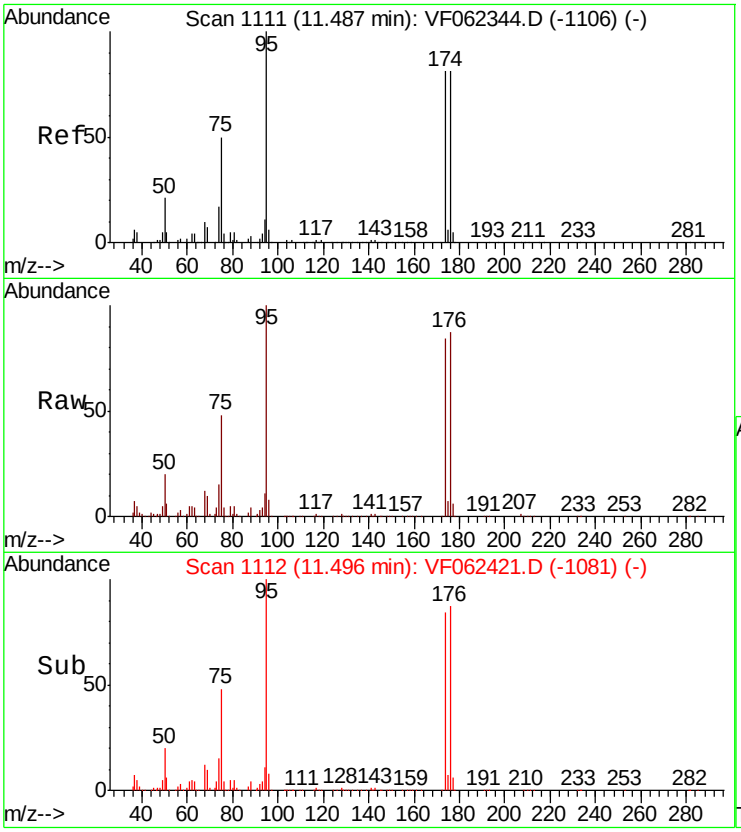


#59
2-Hexanone
Concen: 1.482 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.02 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

Tgt Ion: 43 Resp: 1675

Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.3	73.0



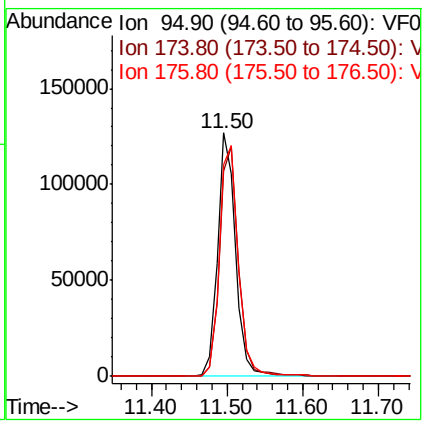


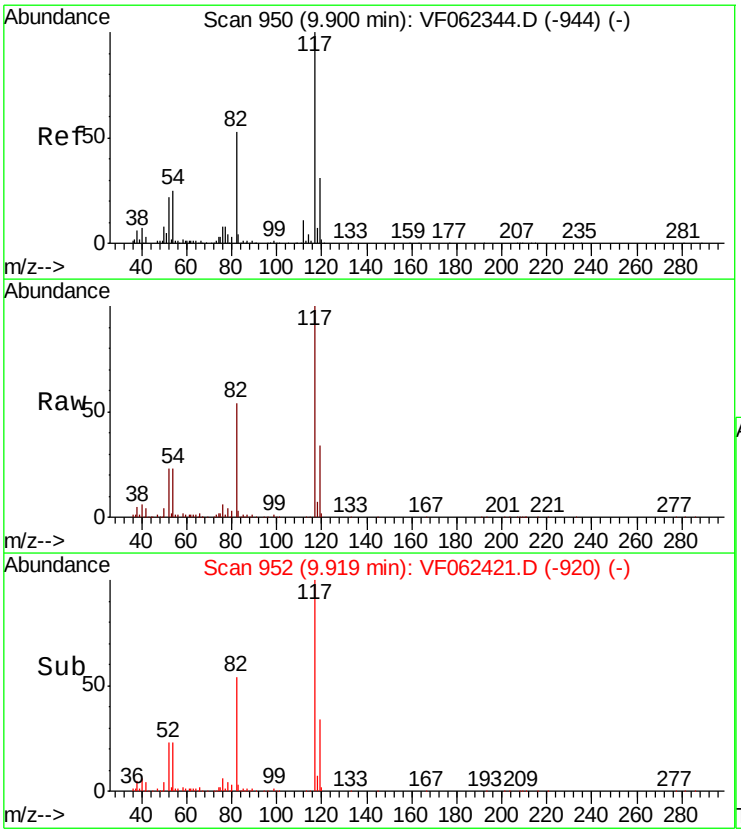
#62
4-Bromofluorobenzene
Concen: 44.202 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

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

Tgt Ion: 95 Resp: 212342

Ion	Ratio	Lower	Upper
95	100		
174	98.2	0.0	191.8
176	99.0	0.0	193.2

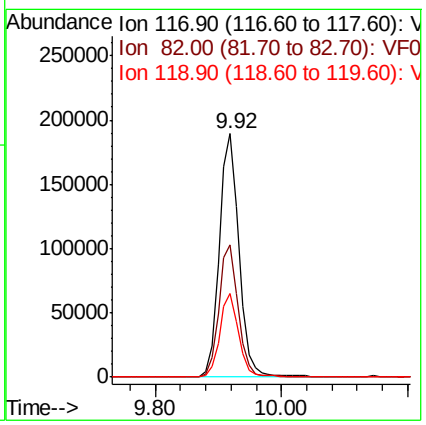


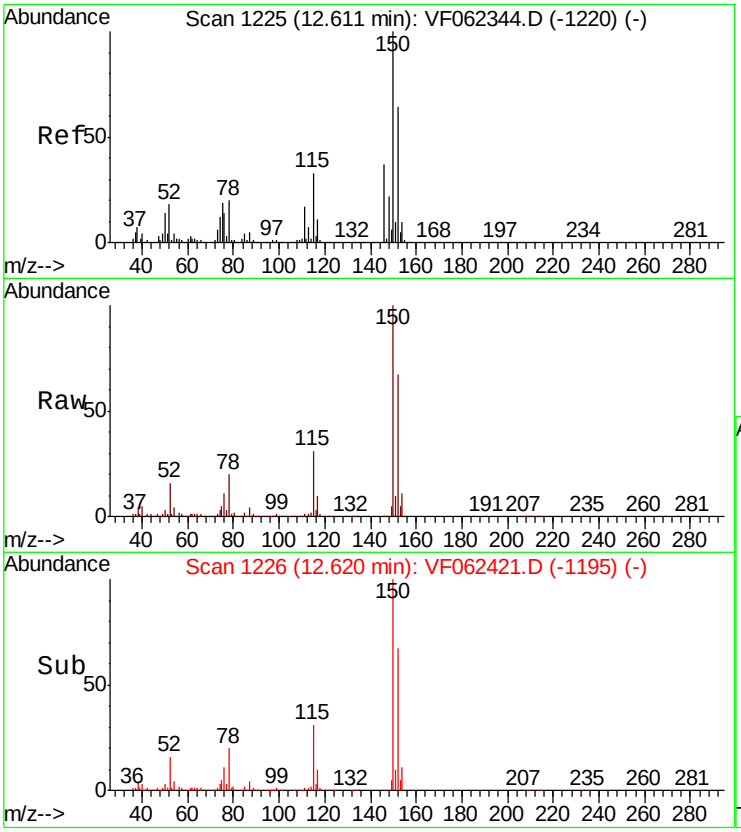


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

Tgt Ion:117 Resp: 413693

Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.2	63.2
119	34.4	25.0	37.4



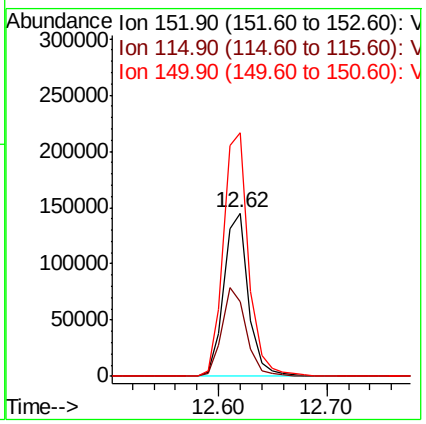


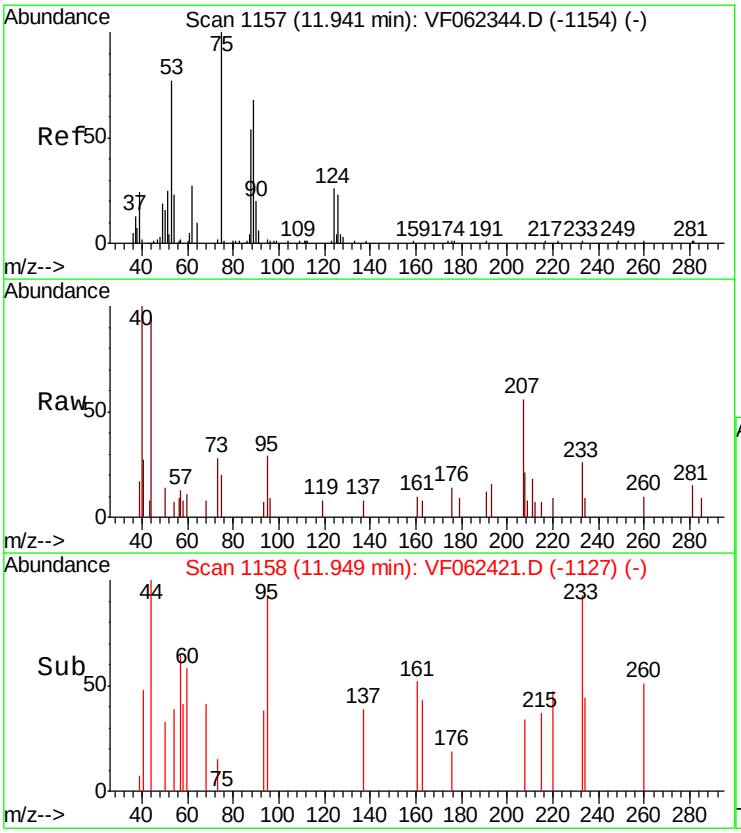
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

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

Tgt Ion:152 Resp: 230882

Ion	Ratio	Lower	Upper
152	100		
115	54.1	26.4	79.2
150	153.6	0.0	335.0





#81
trans-1,4-Dichloro-2-butene
Concen: 1.318 ug/l
RT: 11.95 min Scan# 1158
Delta R.T. 0.01 min
Lab File: VF062421.D
Acq: 10 May 2019 14:11

Tgt Ion: 75 Resp: 810

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