Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF042219\
Data File : VF062249.D
Acq On : 22 Apr 2019 17:17
Operator : FY/SY
Sample : K2475-07RE
Misc : 5.13g/5mL/MSVOA_F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-TRACK-78-79RE

Quant Time: Apr 23 01:08:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	464358	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	647597	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	514264	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	294137	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	177300	41.64	ug/l	0.01
Spiked Amount 50.000			Recovery = 83.28%			
35) Dibromofluoromethane	4.31	113	238129	42.04	ug/l	0.01
Spiked Amount 50.000			Recovery = 84.08%			
50) Toluene-d8	7.71	98	497047	34.66	ug/l	0.01
Spiked Amount 50.000			Recovery = 69.32%			
62) 4-Bromofluorobenzene	11.49	95	222121	40.27	ug/l	0.01
Spiked Amount 50.000			Recovery = 80.54%			
Target Compounds						Qvalue
8) Diethyl Ether	1.71	74	5011	3.024	ug/l	100
11) Tert butyl alcohol	2.71	59	2392	8.082	ug/l #	70
13) Acrolein	2.10	56	1165	Below Cal #		1
16) Acetone	2.36	43	28032	27.543	ug/l	93
18) Methyl Acetate	2.48	43	9671	Below Cal #		78
20) Methylene Chloride	2.33	84	40000	1.990	ug/l	87
36) 1,1-Dichloropropene	4.21	75	30888	3.978	ug/l #	47
49) 1,4-Dioxane	6.87	88	124	4.270	ug/l #	1
51) 4-Methyl-2-Pentanone	8.41	43	5498	1.918	ug/l #	68
59) 2-Hexanone	9.63	43	2360	1.457	ug/l	86
74) N-amyl acetate	11.45	43	2707	Below Cal #		50
89) n-Butylbenzene	12.89	91	2159	Below Cal		86

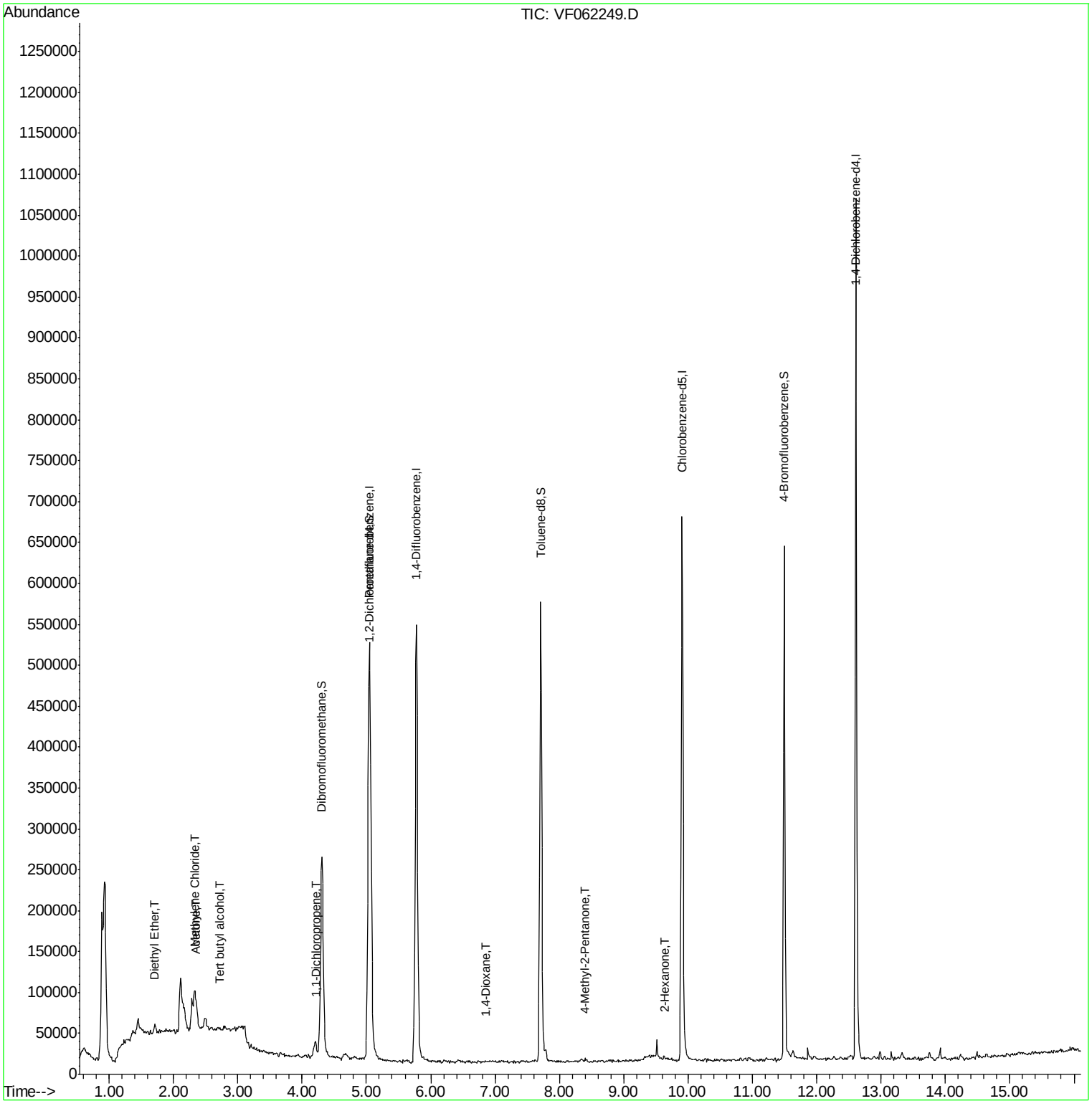
(#) = qualifier out of range (m) = manual integration (+) = signals summed

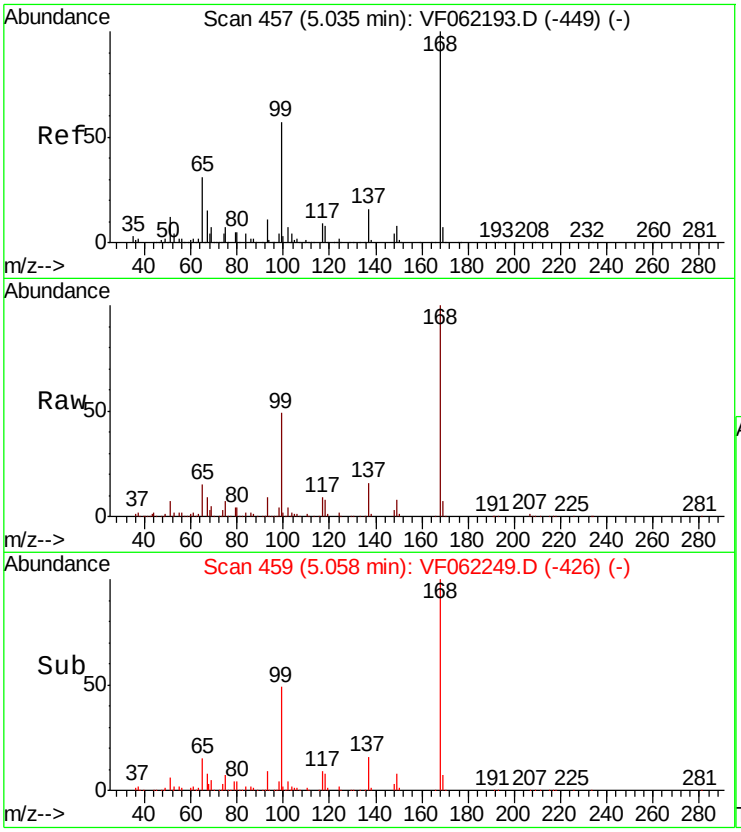
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF042219\
Data File : VF062249.D
Acq On : 22 Apr 2019 17:17
Operator : FY/SY
Sample : K2475-07RE
Misc : 5.13g/5mL/MSVOA_F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-TRACK-78-79RE

Quant Time: Apr 23 01:08:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
Response via : Initial Calibration



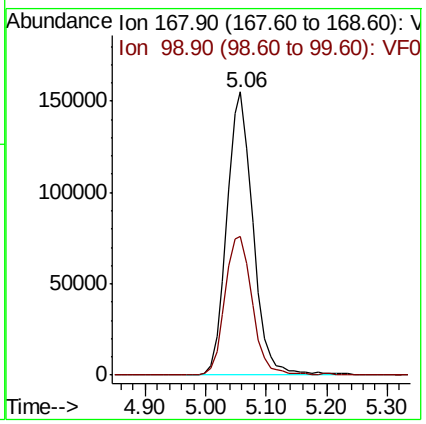


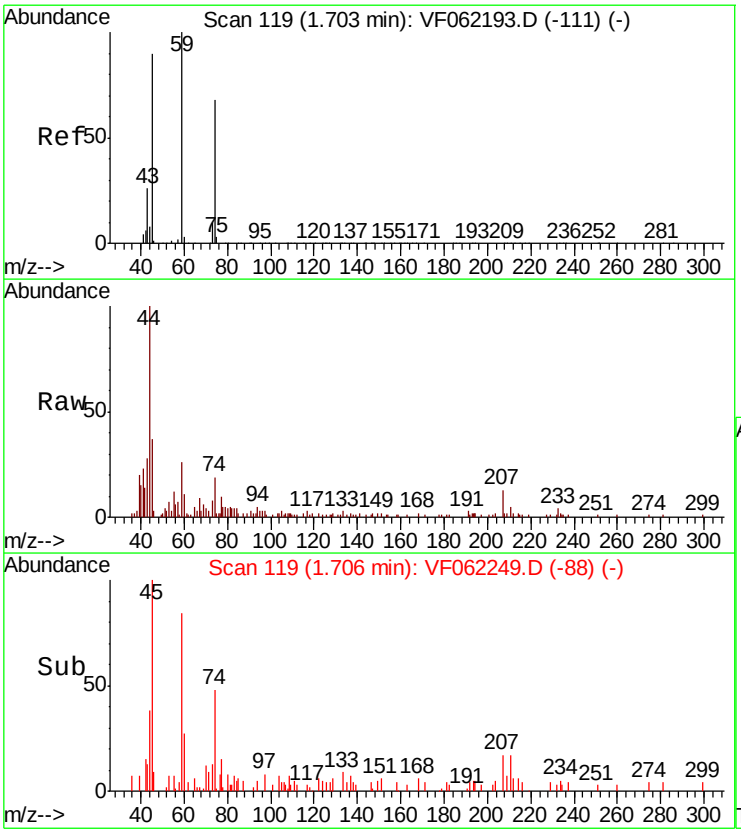
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.02 min
Lab File: VF062249.D
Acq: 22 Apr 2019 17:17

Instrument :
MSVOA_F
ClientSampleId :
TP-TRACK-78-79RE

Tgt Ion:168 Resp: 464358

Ion	Ratio	Lower	Upper
168	100		
99	48.8	45.5	68.3

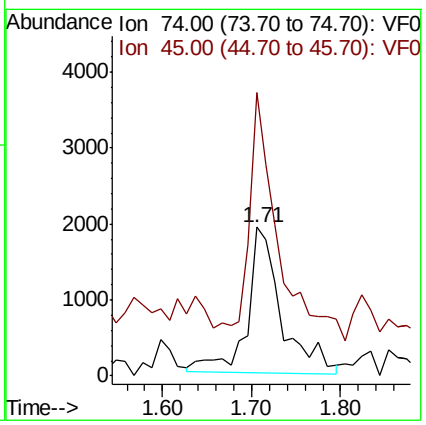


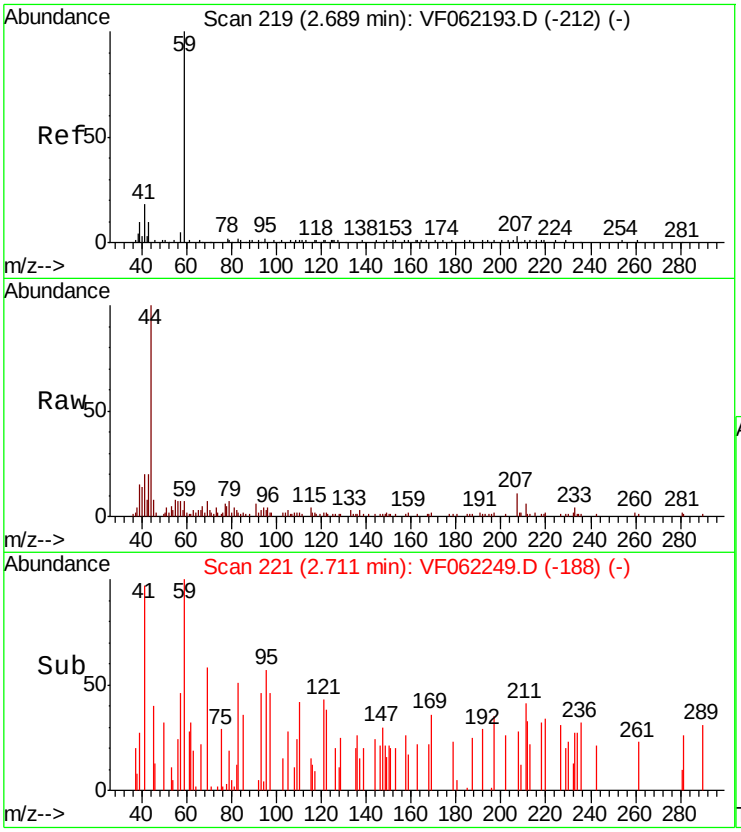


#8
Diethyl Ether
Concen: 3.024 ug/l
RT: 1.71 min Scan# 119
Delta R.T. 0.00 min
Lab File: VF062249.D
Acq: 22 Apr 2019 17:17

Tgt Ion: 74 Resp: 5011

Ion	Ratio	Lower	Upper
74	100		
45	140.2	70.0	210.2



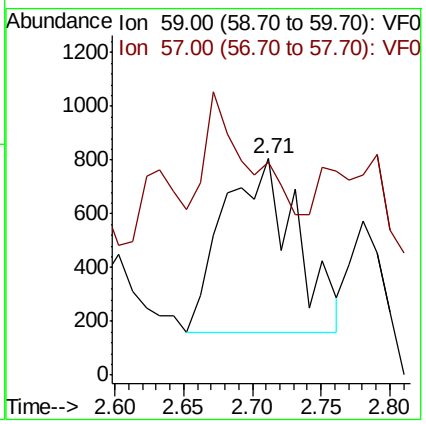


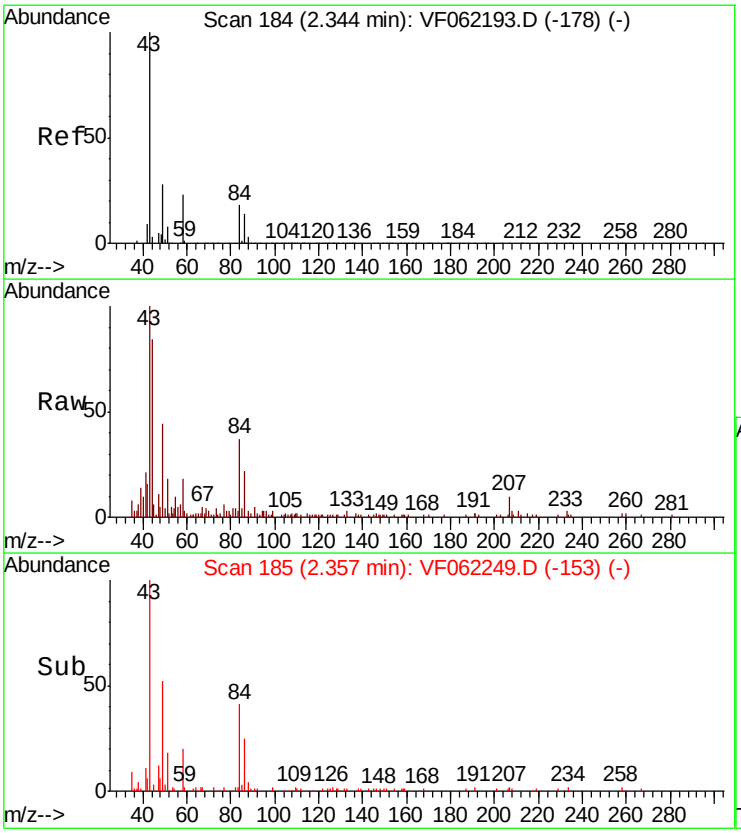
#11
Tert butyl alcohol
Concen: 8.082 ug/l
RT: 2.71 min Scan# 221
Delta R.T. 0.02 min
Lab File: VF062249.D
Acq: 22 Apr 2019 17:17

Instrument :
MSVOA_F
ClientSampleId :
TP-TRACK-78-79RE

Tgt Ion: 59 Resp: 2392

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#

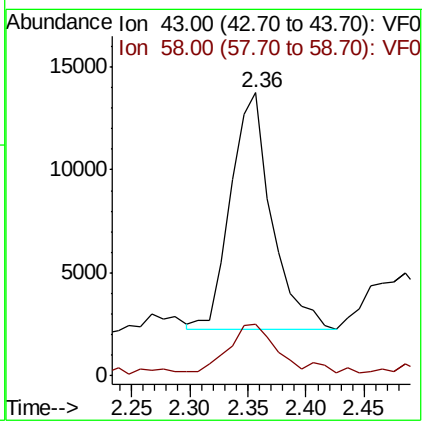


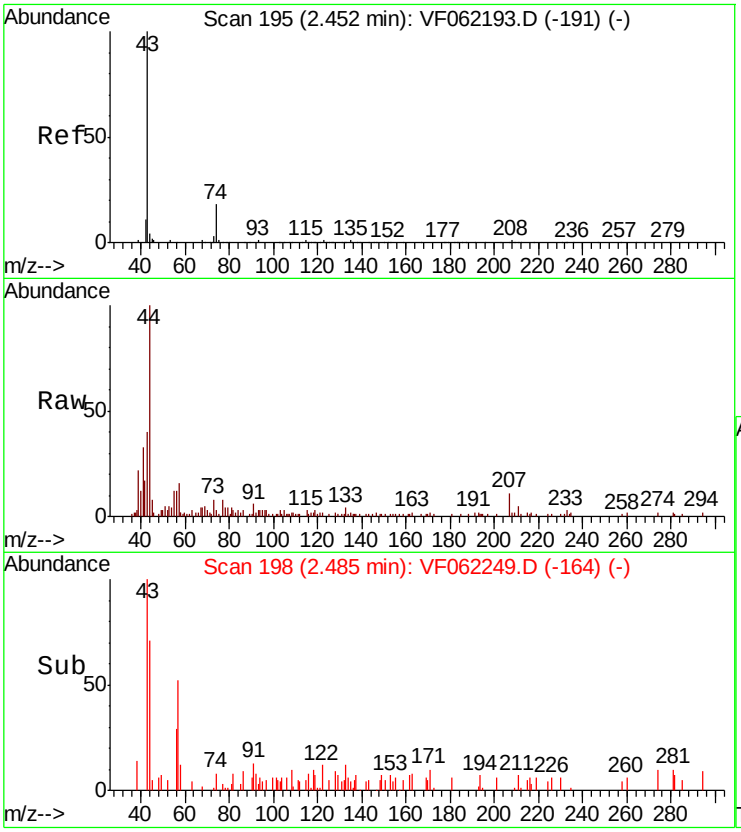


#16
Acetone
Concen: 27.543 ug/l
RT: 2.36 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062249.D
Acq: 22 Apr 2019 17:17

Tgt Ion: 43 Resp: 28032

Ion	Ratio	Lower	Upper
43	100		
58	20.3	18.8	28.2



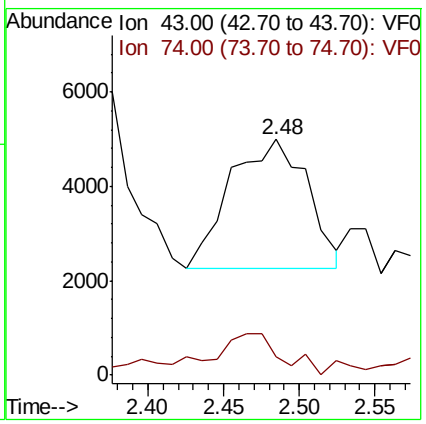


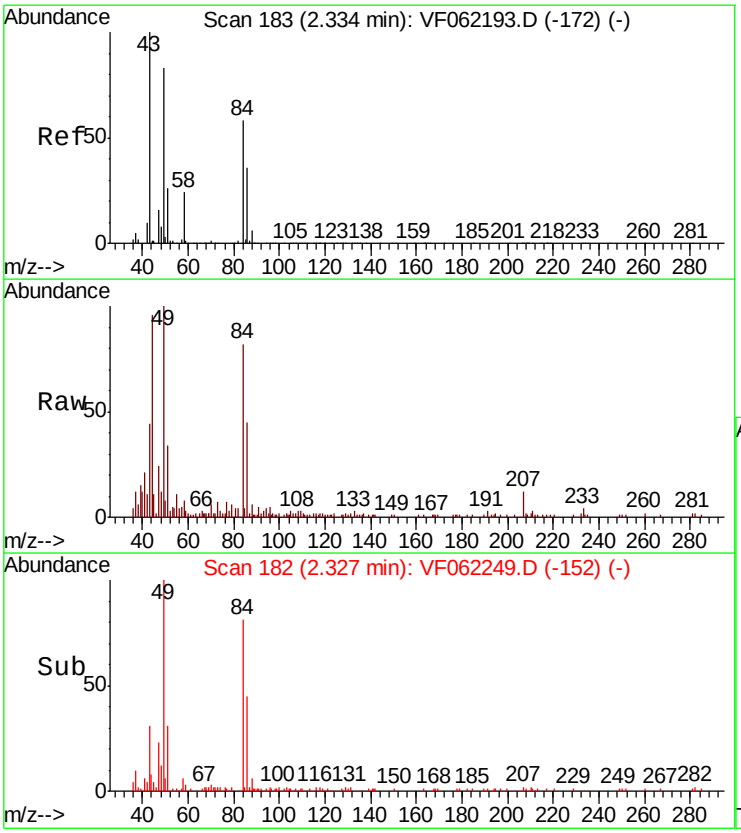
#18
Methyl Acetate
Concen: Below Cal
RT: 2.48 min Scan# 198
Delta R.T. 0.03 min
Lab File: VF062249.D
Acq: 22 Apr 2019 17:17

Instrument : MSVOA_F
ClientSampleId : TP-TRACK-78-79RE

Tgt Ion: 43 Resp: 9671

Ion	Ratio	Lower	Upper
43	100		
74	27.8	14.5	21.7#

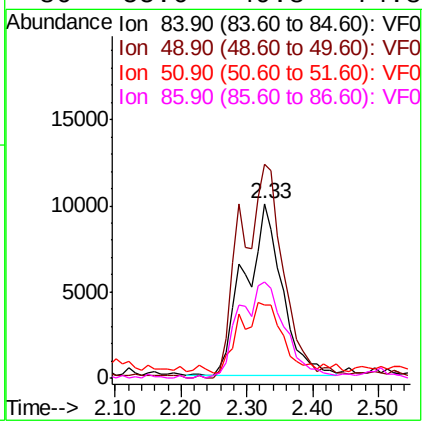


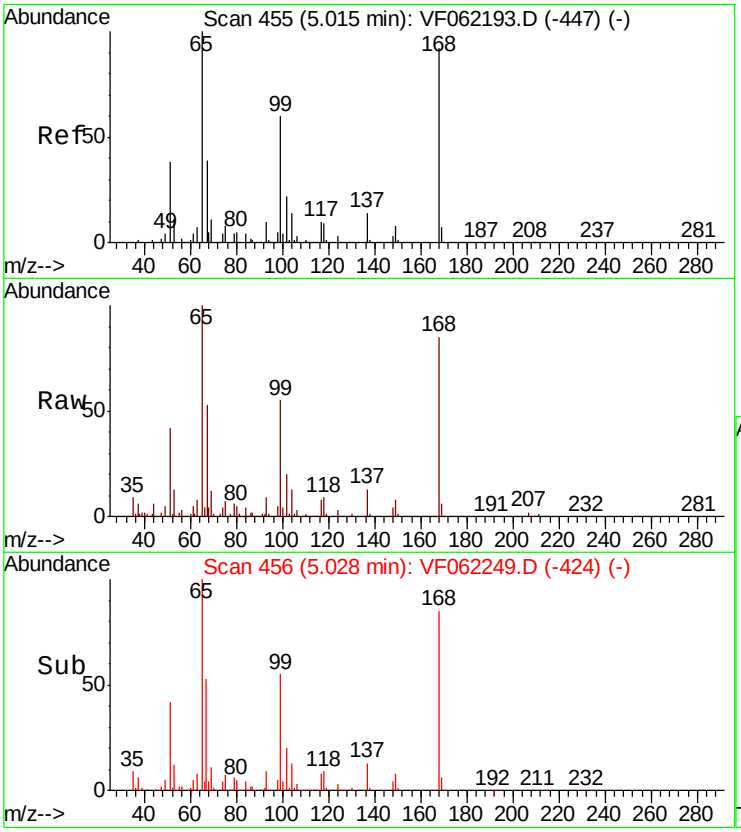


#20
Methylene Chloride
Concen: 1.990 ug/l
RT: 2.33 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF062249.D
Acq: 22 Apr 2019 17:17

Tgt Ion: 84 Resp: 40000

Ion	Ratio	Lower	Upper
84	100		
49	124.2	114.0	171.0
51	39.2	37.0	55.4
86	55.6	49.8	74.8



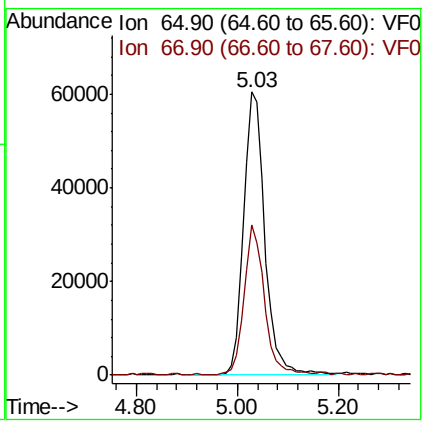


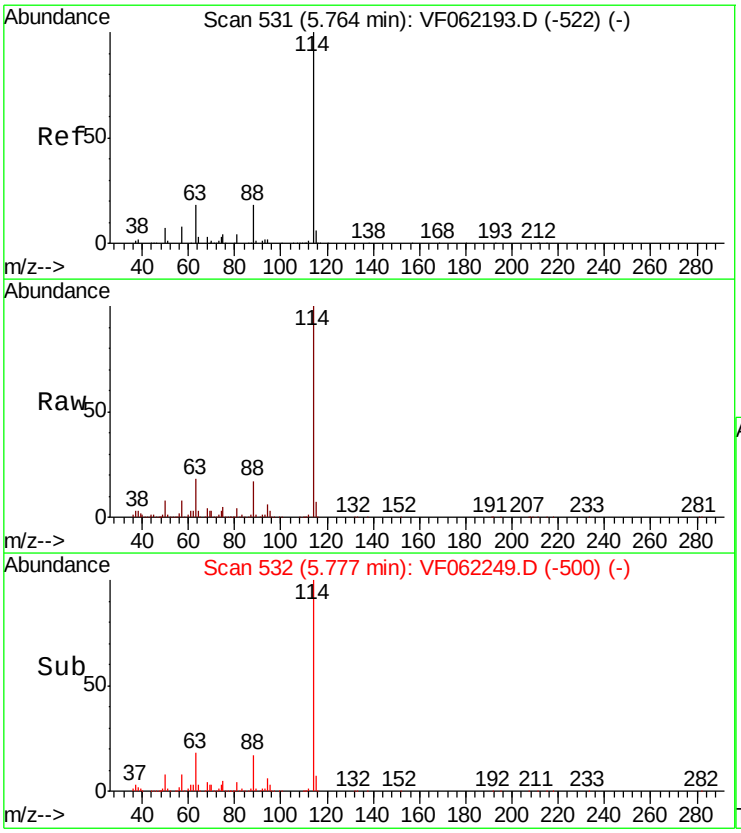
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 5.03 min Scan# 456
Delta R.T. 0.01 min
Lab File: VF062249.D
Acq: 22 Apr 2019 17:17

Instrument :
MSVOA_F
ClientSampleId :
TP-TRACK-78-79RE

Tgt Ion: 65 Resp: 177300

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	109.4

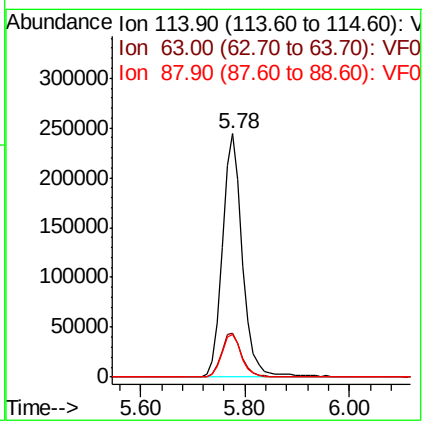


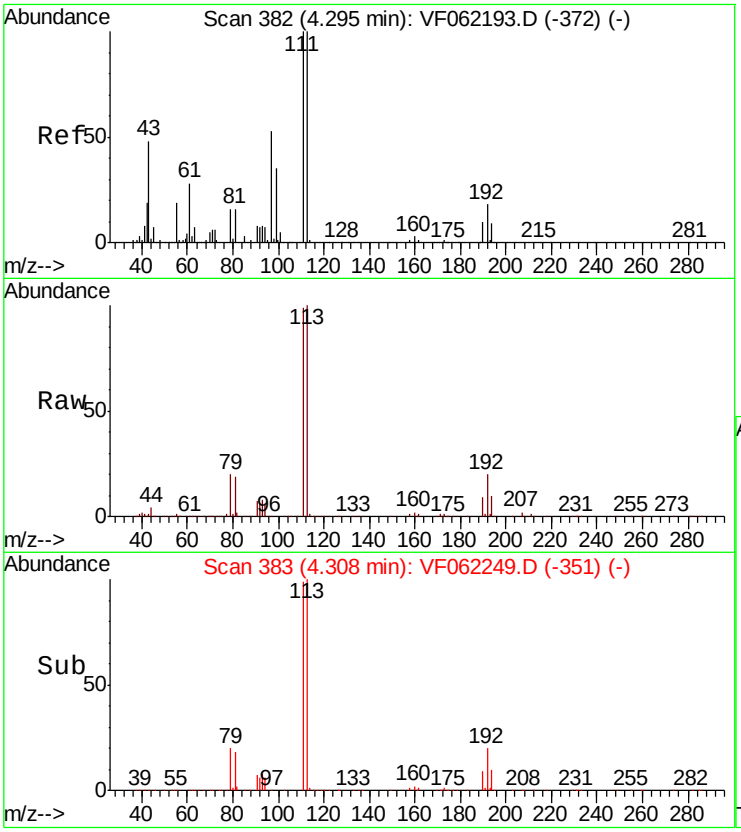


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.01 min
Lab File: VF062249.D
Acq: 22 Apr 2019 17:17

Tgt Ion:114 Resp: 647597

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.6
88	17.3	0.0	35.8



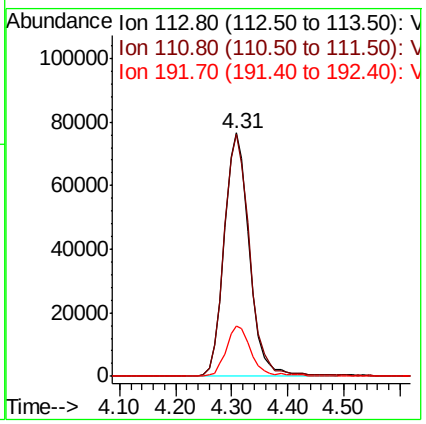


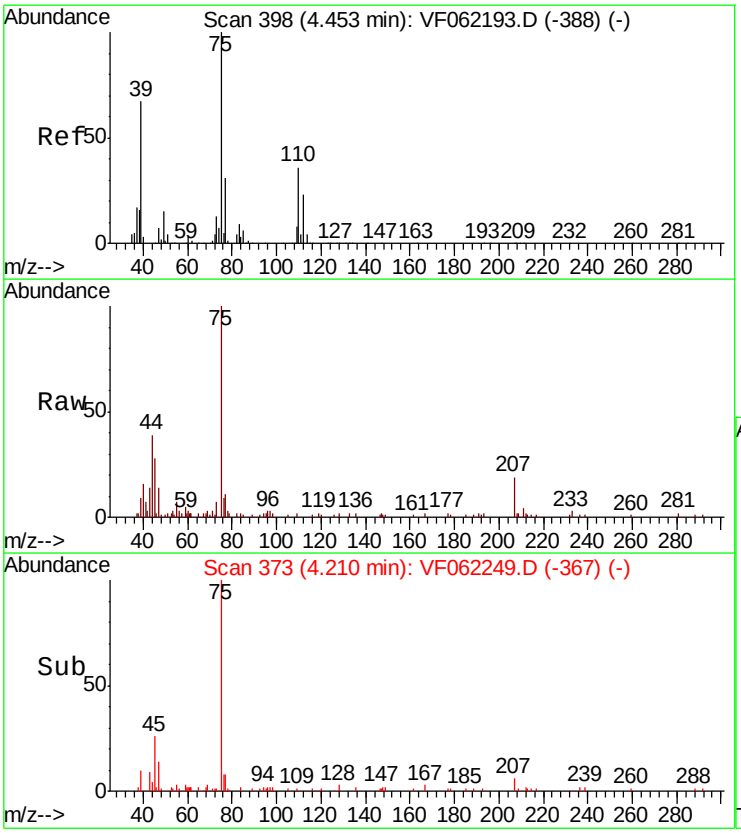
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF062249.D
Acq: 22 Apr 2019 17:17

Instrument :
MSVOA_F
ClientSampleId :
TP-TRACK-78-79RE

Tgt Ion:113 Resp: 238129

Ion	Ratio	Lower	Upper
113	100		
111	100.1	81.1	121.7
192	20.5	14.7	22.1

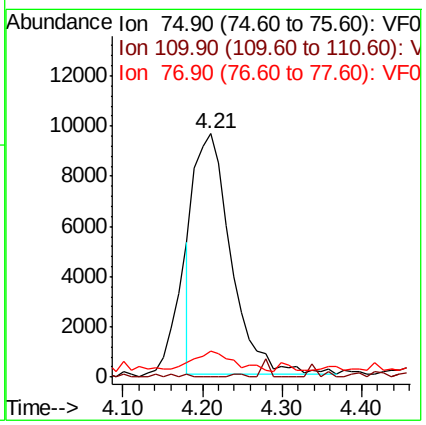


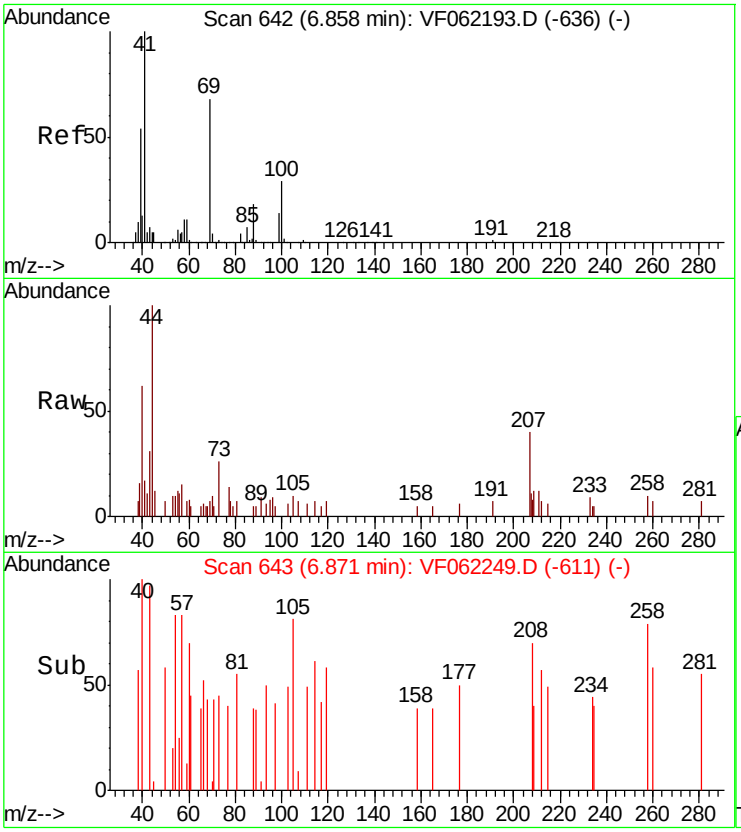


#36
1,1-Dichloropropene
Concen: 3.978 ug/l
RT: 4.21 min Scan# 373
Delta R.T. -0.24 min
Lab File: VF062249.D
Acq: 22 Apr 2019 17:17

Tgt Ion: 75 Resp: 30888

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.4	55.2#
77	8.1	25.4	38.2#



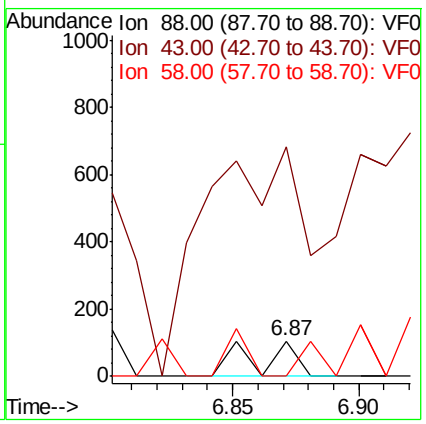


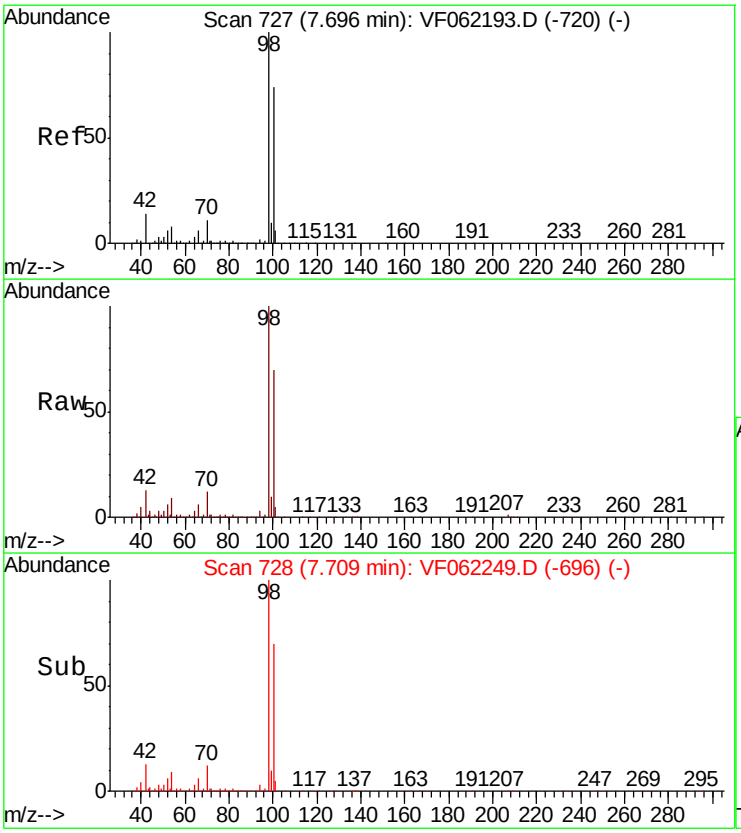
#49
1,4-Dioxane
Concen: 4.270 ug/l
RT: 6.87 min Scan# 643
Delta R.T. 0.01 min
Lab File: VF062249.D
Acq: 22 Apr 2019 17:17

Instrument :
MSVOA_F
ClientSampleId :
TP-TRACK-78-79RE

Tgt Ion: 88 Resp: 124

Ion	Ratio	Lower	Upper
88	100		
43	1502.4	36.9	55.3#
58	67.7	56.8	85.2

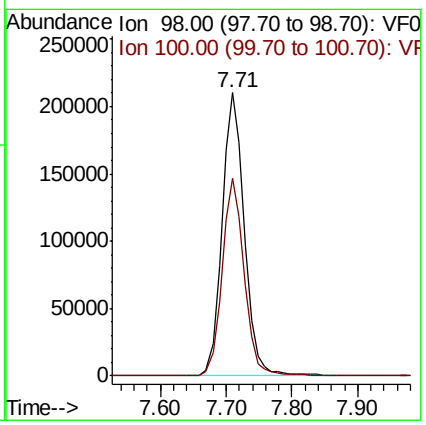


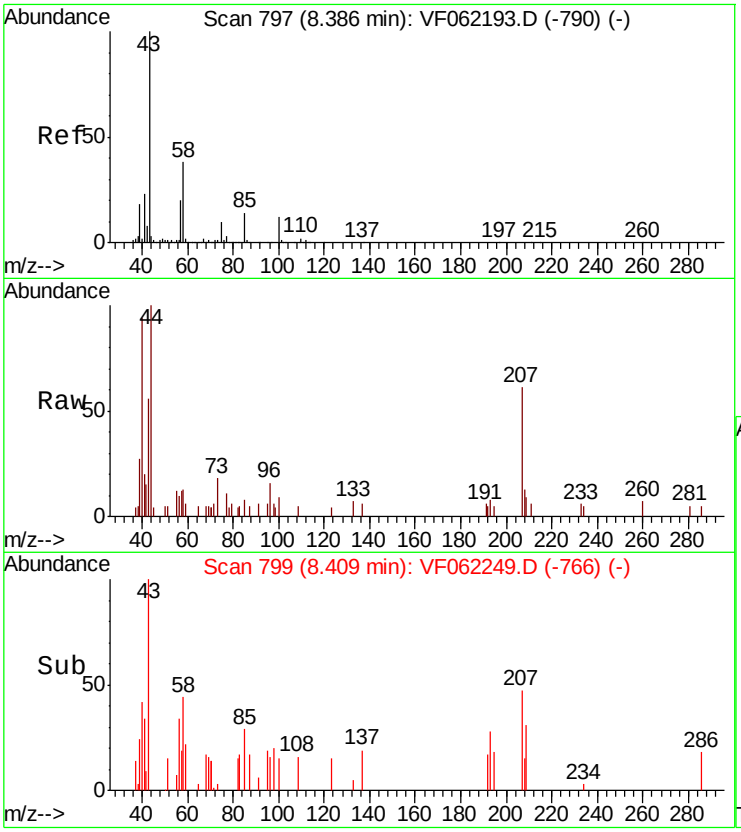


#50
Toluene-d8
Concen: 4.270 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF062249.D
Acq: 22 Apr 2019 17:17

Tgt Ion: 98 Resp: 497047

Ion	Ratio	Lower	Upper
98	100		
100	68.9	56.2	84.2



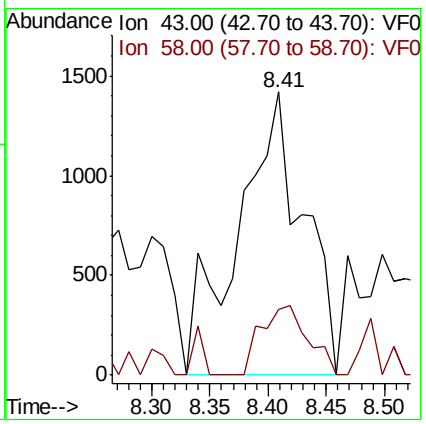


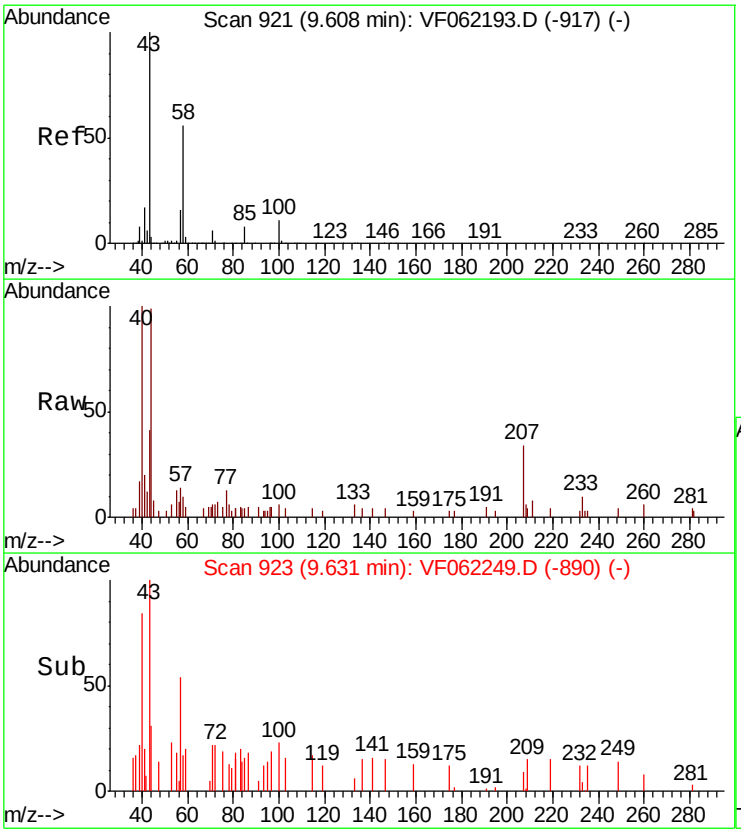
#51
4-Methyl-2-Pentanone
Concen: 1.918 ug/l
RT: 8.41 min Scan# 799
Delta R.T. 0.02 min
Lab File: VF062249.D
Acq: 22 Apr 2019 17:17

Instrument : MSVOA_F
ClientSampleId : TP-TRACK-78-79RE

Tgt Ion: 43 Resp: 5498

Ion	Ratio	Lower	Upper
43	100		
58	17.7	29.3	43.9#

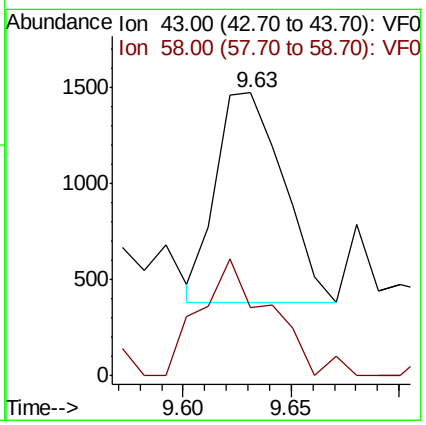


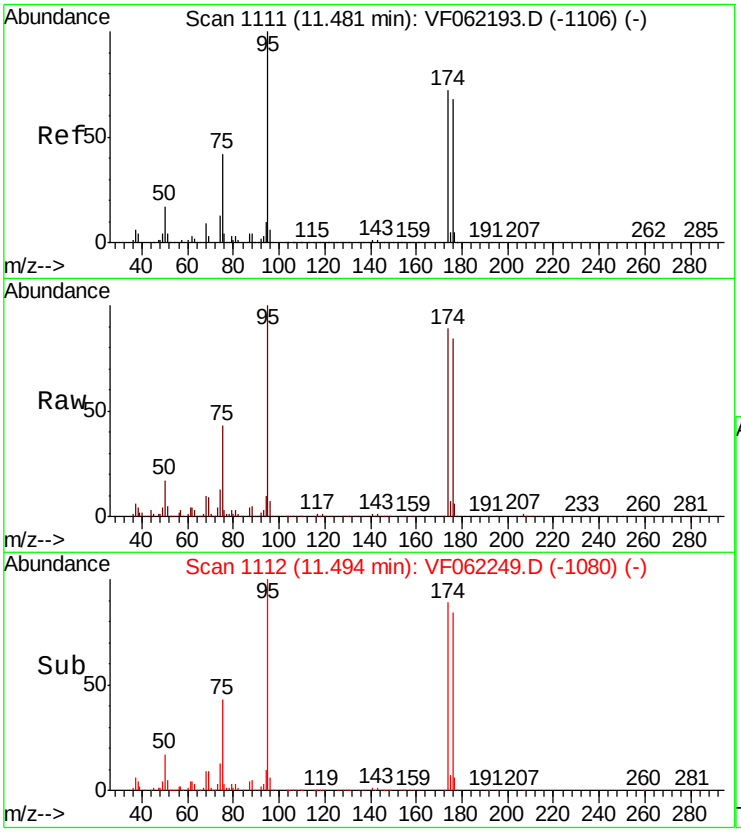


#59
2-Hexanone
Concen: 1.457 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.02 min
Lab File: VF062249.D
Acq: 22 Apr 2019 17:17

Tgt Ion: 43 Resp: 2360

Ion	Ratio	Lower	Upper
43	100		
58	58.9	24.6	74.0



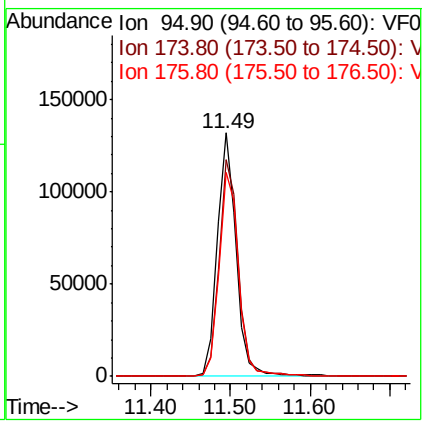


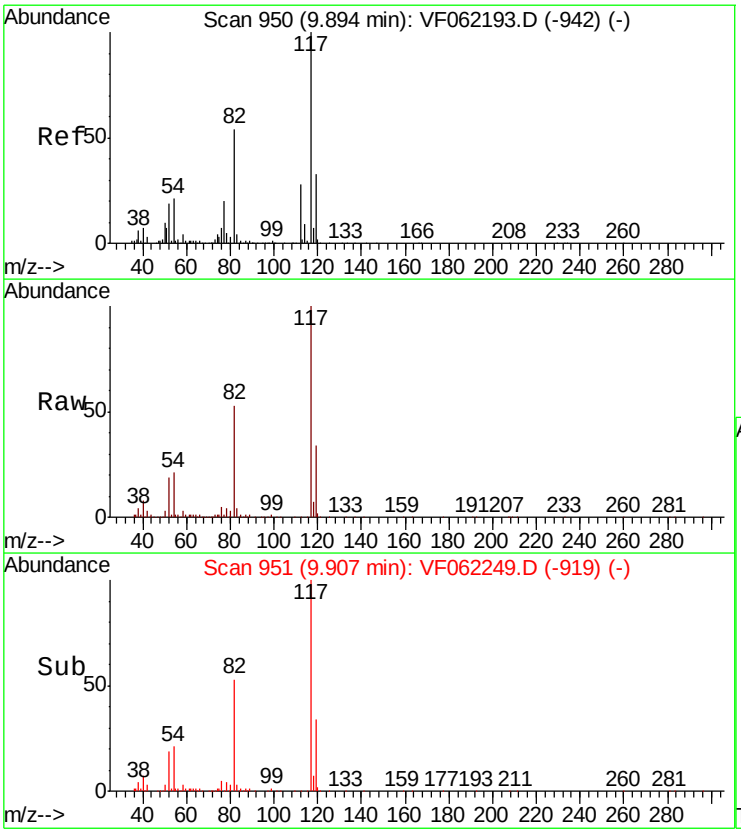
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 11.49 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF062249.D
Acq: 22 Apr 2019 17:17

Instrument :
MSVOA_F
ClientSampleId :
TP-TRACK-78-79RE

Tgt Ion: 95 Resp: 222121

Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	159.4
176	87.3	0.0	155.4

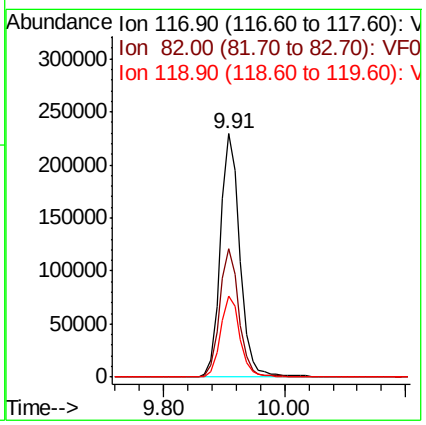


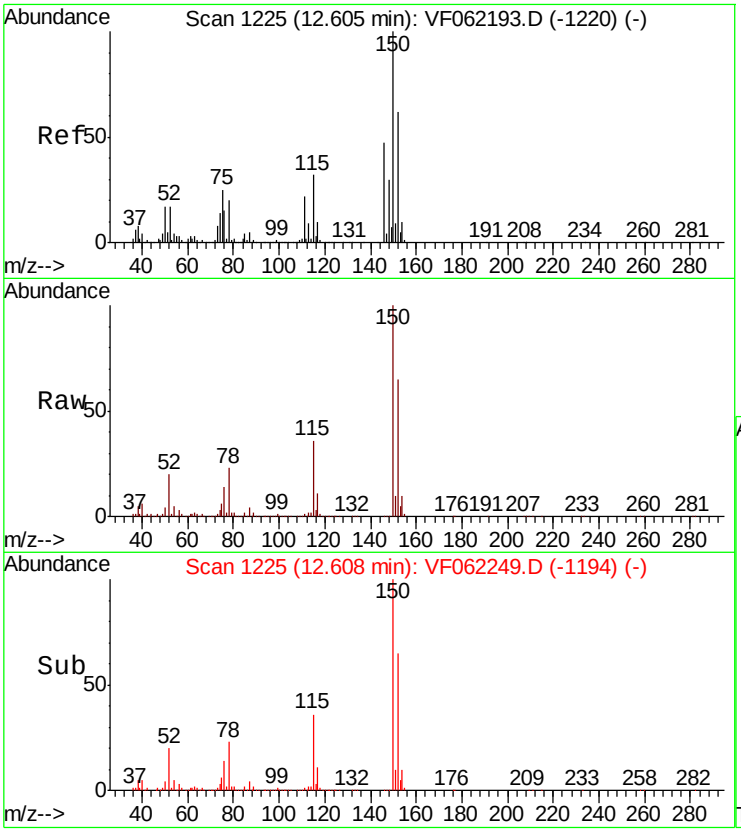


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. 0.01 min
Lab File: VF062249.D
Acq: 22 Apr 2019 17:17

Tgt Ion:117 Resp: 514264

Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.2	64.8
119	33.5	26.2	39.4



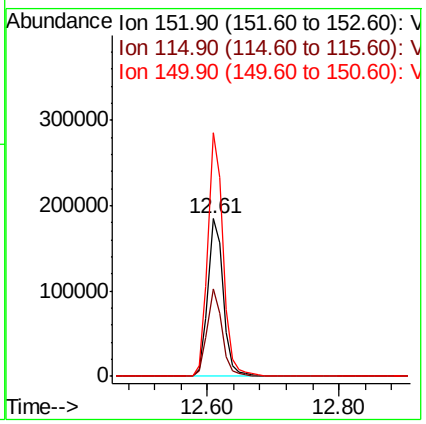


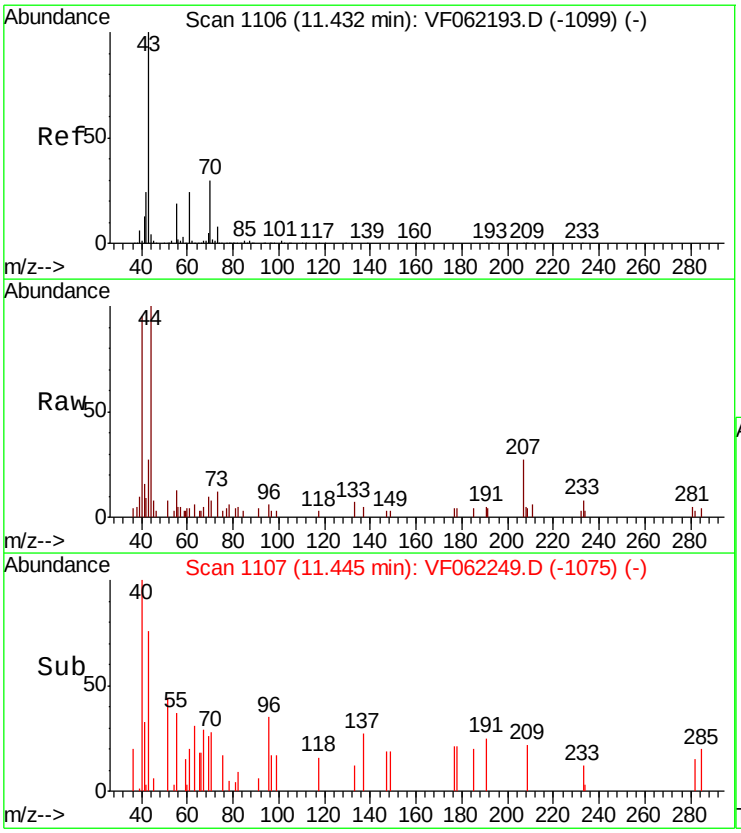
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VF062249.D
Acq: 22 Apr 2019 17:17

Instrument :
MSVOA_F
ClientSampleId :
TP-TRACK-78-79RE

Tgt Ion:152 Resp: 294137

Ion	Ratio	Lower	Upper
152	100		
115	53.3	27.8	83.3
150	152.2	0.0	341.8

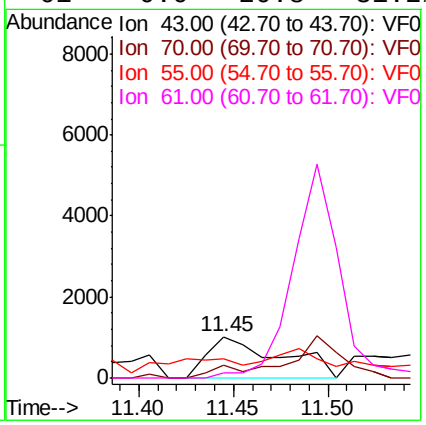


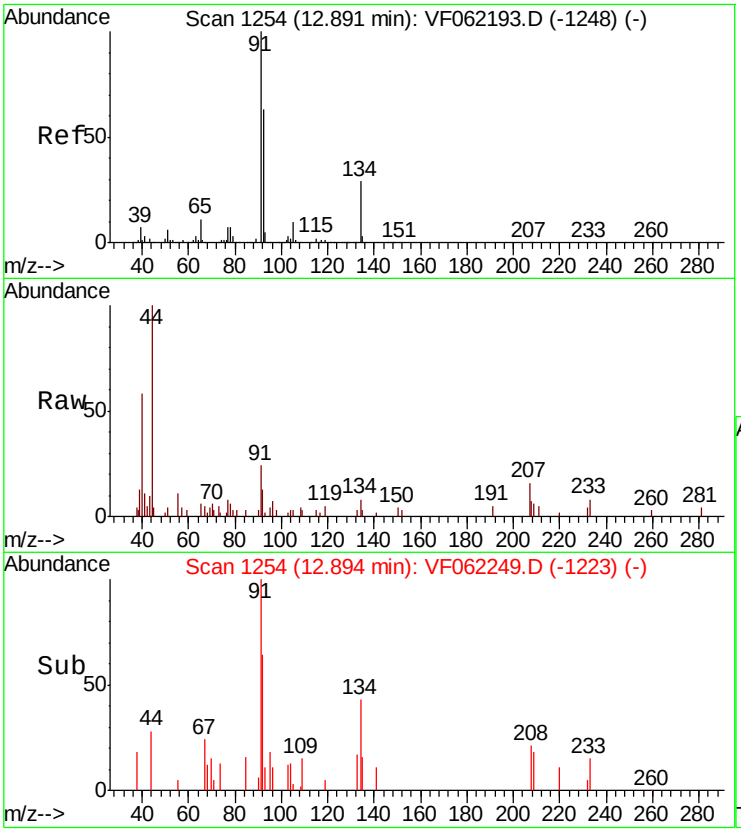


#74
N-amyl acetate
Concen: Below Cal
RT: 11.45 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VF062249.D
Acq: 22 Apr 2019 17:17

Tgt Ion: 43 Resp: 2707

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.0	40.4#
55	34.8	15.7	23.5#
61	0.0	20.8	31.2#





#89
n-Butylbenzene
Concen: Below Cal
RT: 12.89 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VF062249.D
Acq: 22 Apr 2019 17:17

Instrument :
MSVOA_F
ClientSampleId :
TP-TRACK-78-79RE

Tgt Ion: 91 Resp: 2159

Ion	Ratio	Lower	Upper
91	100		
92	50.9	31.2	93.6
134	32.1	13.1	39.1