Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF090718\
Data File : VF060220.D
Acq On : 7 Sep 2018 19:45
Operator : VA/AP
Sample : J4803-03
Misc : 5.27g/5mL/MSVOA_F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EP1-Q2-E7

Quant Time: Sep 07 23:27:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 07 10:44:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	158662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	230743	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	243800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	133982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	116463	42.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.04%			
35) Dibromofluoromethane	4.28	113	101029	44.69	ug/l	-0.02
Spiked Amount 50.000			Recovery = 89.38%			
50) Toluene-d8	7.71	98	208203	36.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.82%			
62) 4-Bromofluorobenzene	11.51	95	107786	33.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 67.72%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.66	59	973	18.234	ug/l #	75
16) Acetone	2.34	43	2035	14.961	ug/l #	69
20) Methylene Chloride	2.28	84	15799	3.366	ug/l	86
23) Vinyl Acetate	3.33	43	134	22.865	ug/l #	82
26) 2,2-Dichloropropane	3.72	77	76	2.053	ug/l #	64
29) Tetrahydrofuran	4.26	42	396	1.538	ug/l #	40
37) Ethyl Acetate	4.33	43	59	Below Cal	#	17
39) Methylcyclohexane	5.77	83	3235	1.422	ug/l #	26
49) 1,4-Dioxane	6.68	88	70	3.796	ug/l #	15
58) 2-Chloroethyl Vinyl ether	7.70	63	414	2.443	ug/l	100
64) Tetrachloroethene	8.34	164	64	Below Cal	#	1
74) N-amyl acetate	11.46	43	508	5.044	ug/l #	44
81) trans-1,4-Dichloro-2-buten	11.98	75	112	2.852	ug/l #	9
95) Naphthalene	14.52	128	995	2.796	ug/l #	70

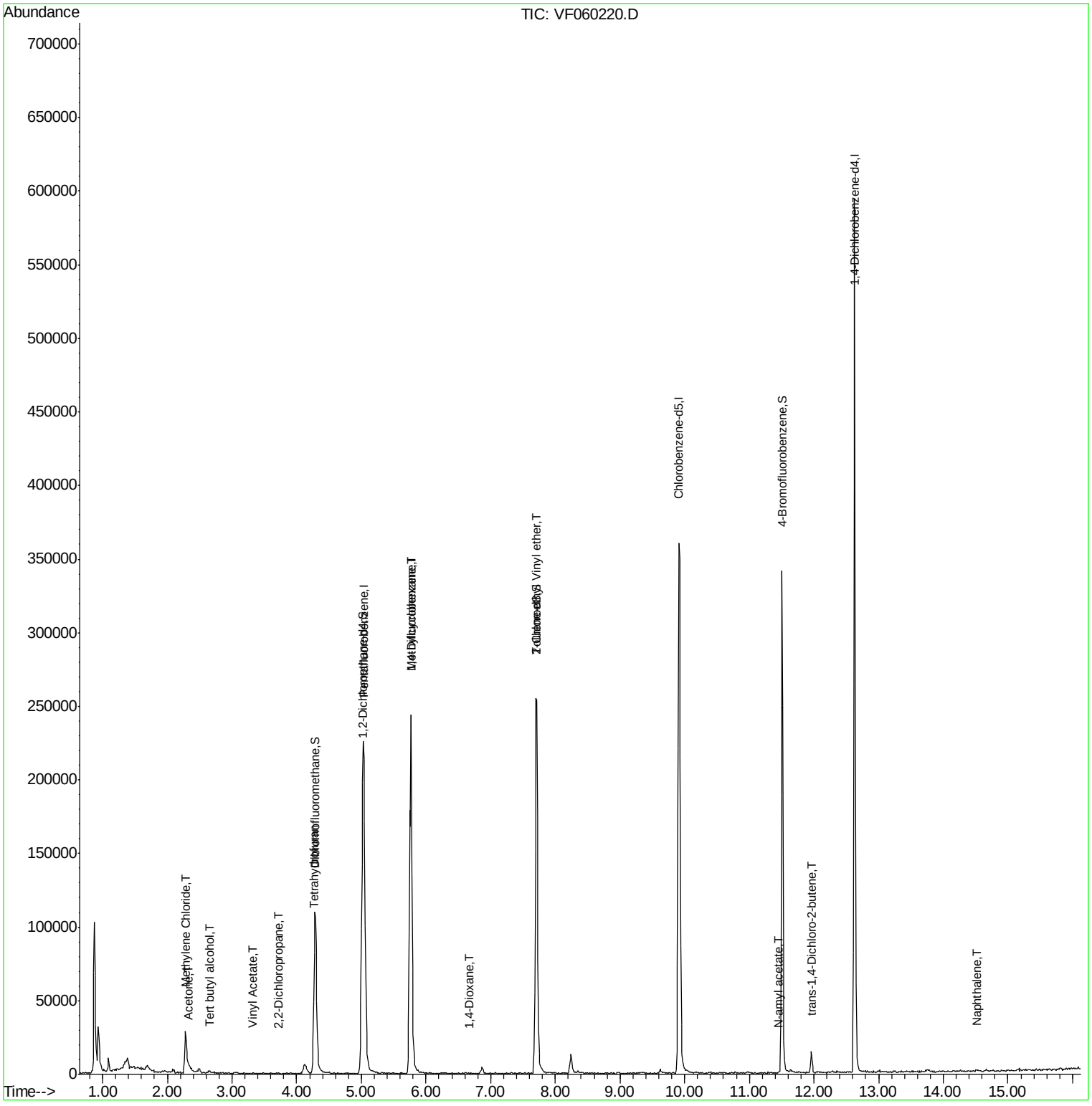
(#) = qualifier out of range (m) = manual integration (+) = signals summed

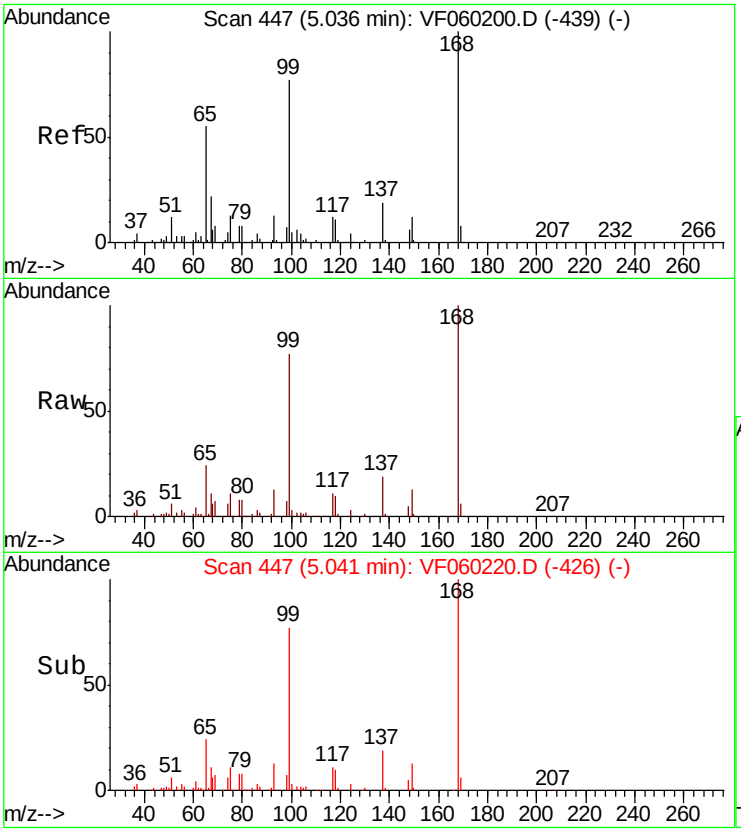
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF090718\
Data File : VF060220.D
Acq On : 7 Sep 2018 19:45
Operator : VA/AP
Sample : J4803-03
Misc : 5.27g/5mL/MSVOA_F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-E7

Quant Time: Sep 07 23:27:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 07 10:44:05 2018
Response via : Initial Calibration



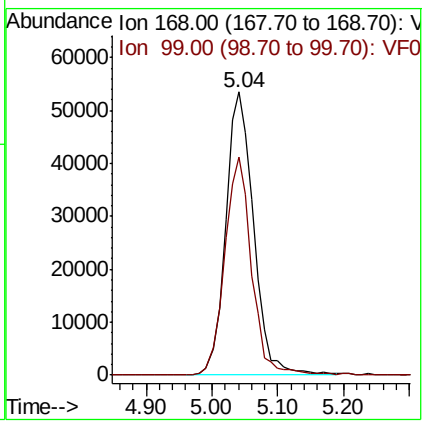


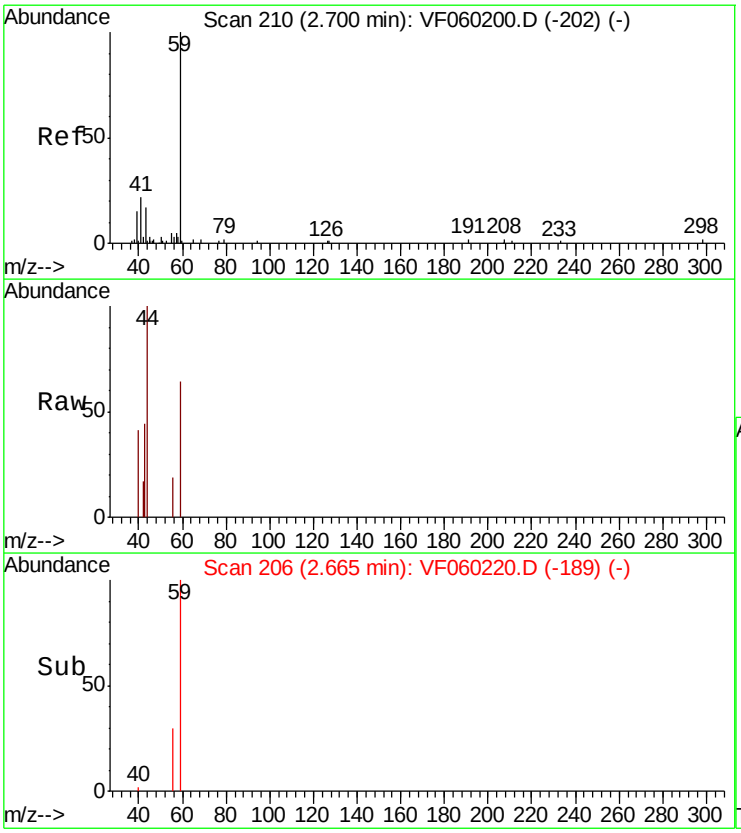
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 447
Delta R.T. 0.00 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-E7

Tgt Ion:168 Resp: 158662

Ion	Ratio	Lower	Upper
168	100		
99	76.9	61.8	92.6

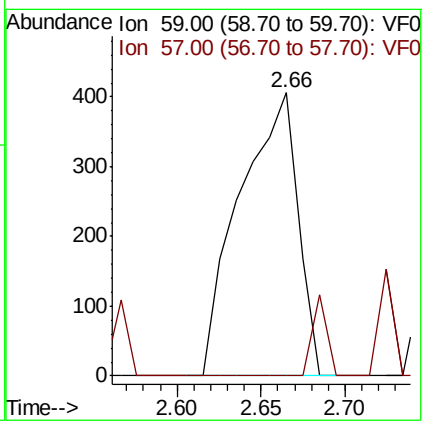


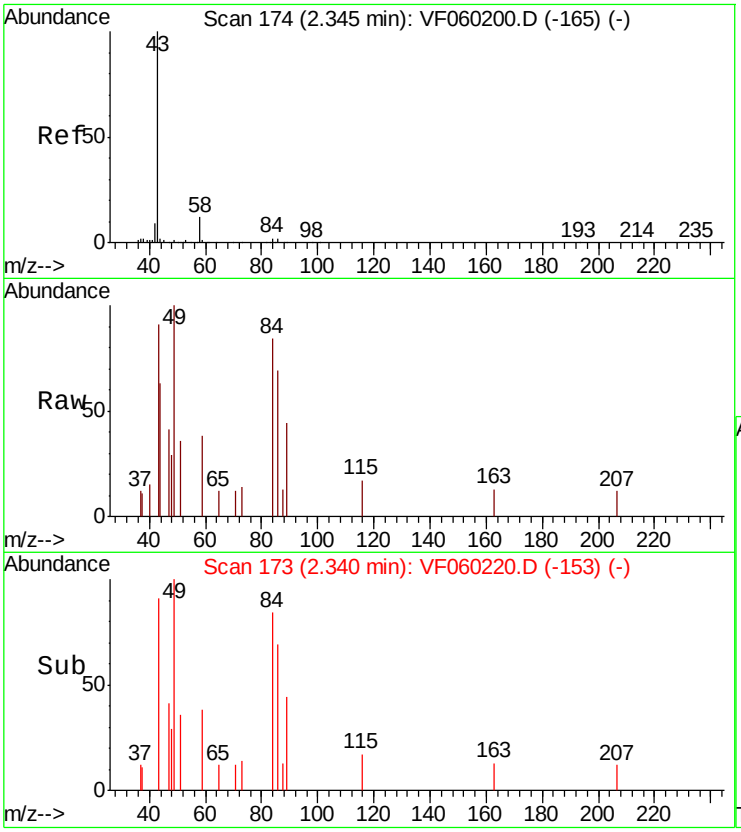


#11
Tert butyl alcohol
Concen: 18.234 ug/l
RT: 2.66 min Scan# 206
Delta R.T. -0.04 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Tgt Ion: 59 Resp: 973

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.2	10.8#



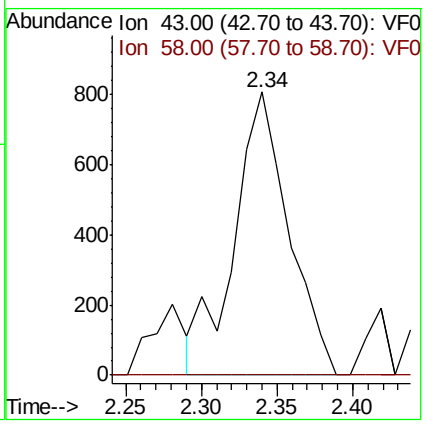


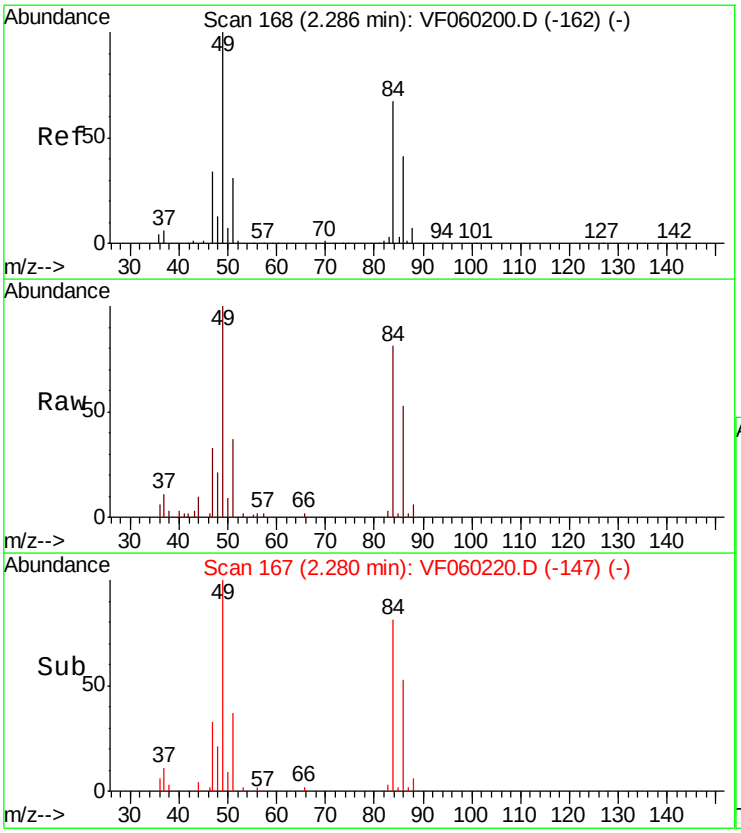
#16
Acetone
Concen: 14.961 ug/l
RT: 2.34 min Scan# 173
Delta R.T. -0.01 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-E7

Tgt Ion: 43 Resp: 2035

Ion	Ratio	Lower	Upper
43	100		
58	0.0	9.7	14.5#

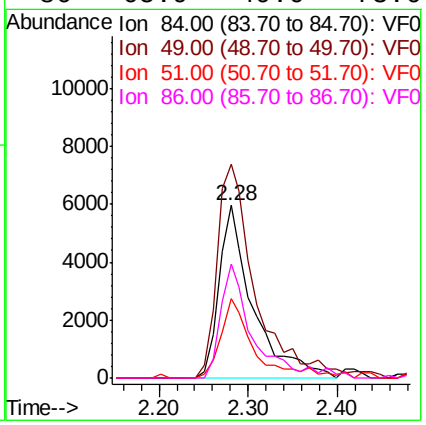


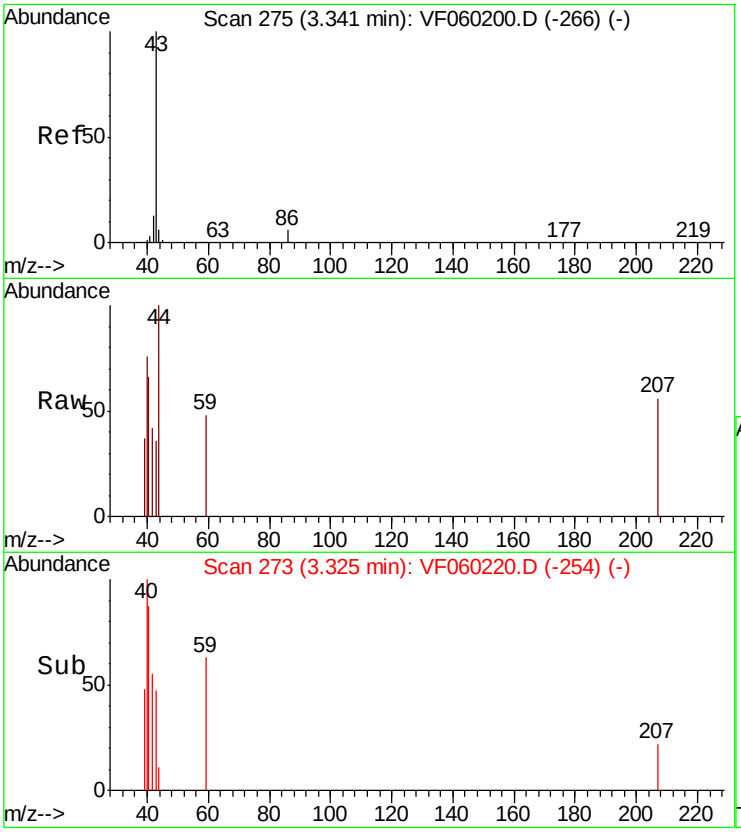


#20
Methylene Chloride
Concen: 3.366 ug/l
RT: 2.28 min Scan# 167
Delta R.T. -0.01 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Tgt Ion: 84 Resp: 15799

Ion	Ratio	Lower	Upper
84	100		
49	123.6	120.1	180.1
51	45.8	37.0	55.6
86	65.9	49.0	73.6



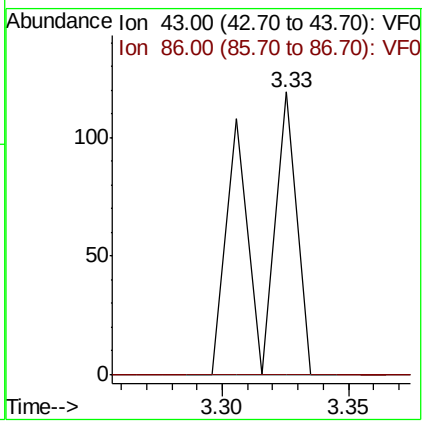


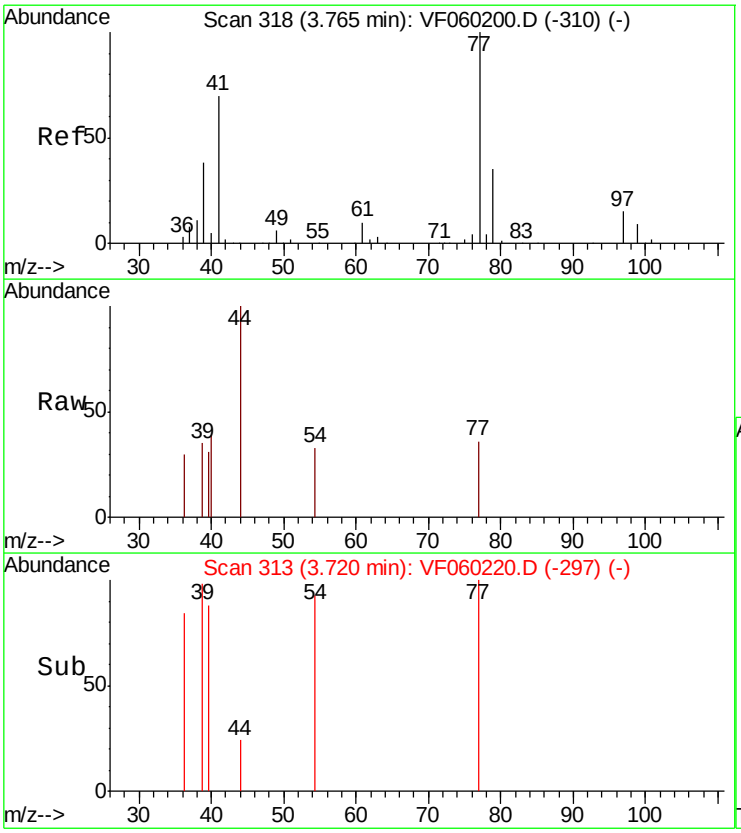
#23
Vinyl Acetate
Concen: 22.865 ug/l
RT: 3.33 min Scan# 273
Delta R.T. -0.01 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Instrument : MSVOA_F
ClientSampleId : EP1-Q2-E7

Tgt Ion: 43 Resp: 134

Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.8	7.2#

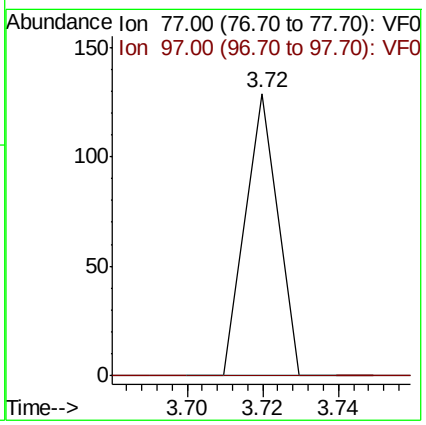


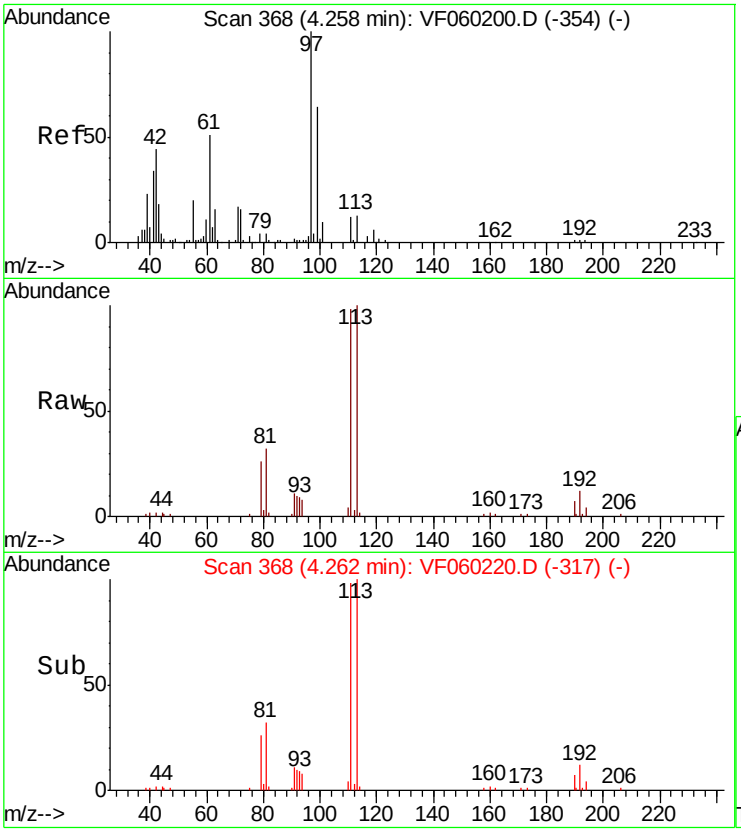


#26
2,2-Dichloropropane
Concen: 2.053 ug/l
RT: 3.72 min Scan# 313
Delta R.T. -0.04 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Tgt Ion: 77 Resp: 76

Ion	Ratio	Lower	Upper
77	100		
97	0.0	7.5	22.5#



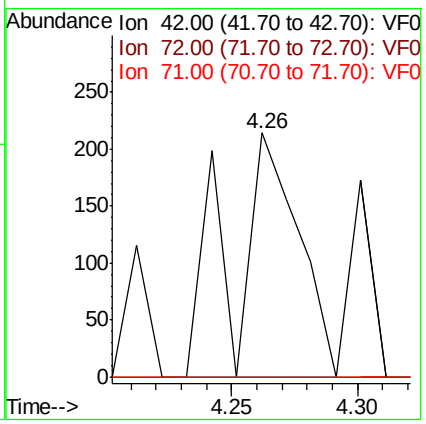


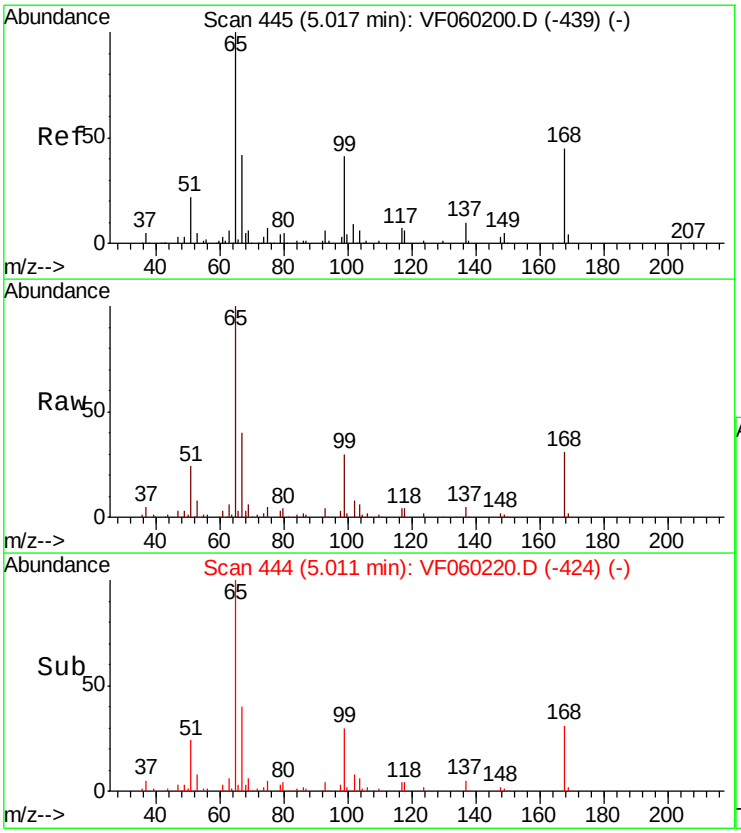
#29
Tetrahydrofuran
Concen: 1.538 ug/l
RT: 4.26 min Scan# 368
Delta R.T. 0.00 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-E7

Tgt Ion: 42 Resp: 396

Ion	Ratio	Lower	Upper
42	100		
72	0.0	27.4	41.0#
71	0.0	28.5	42.7#

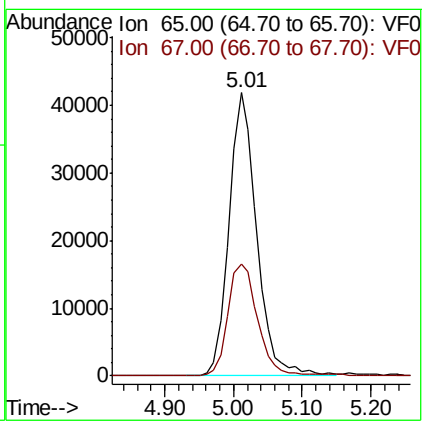


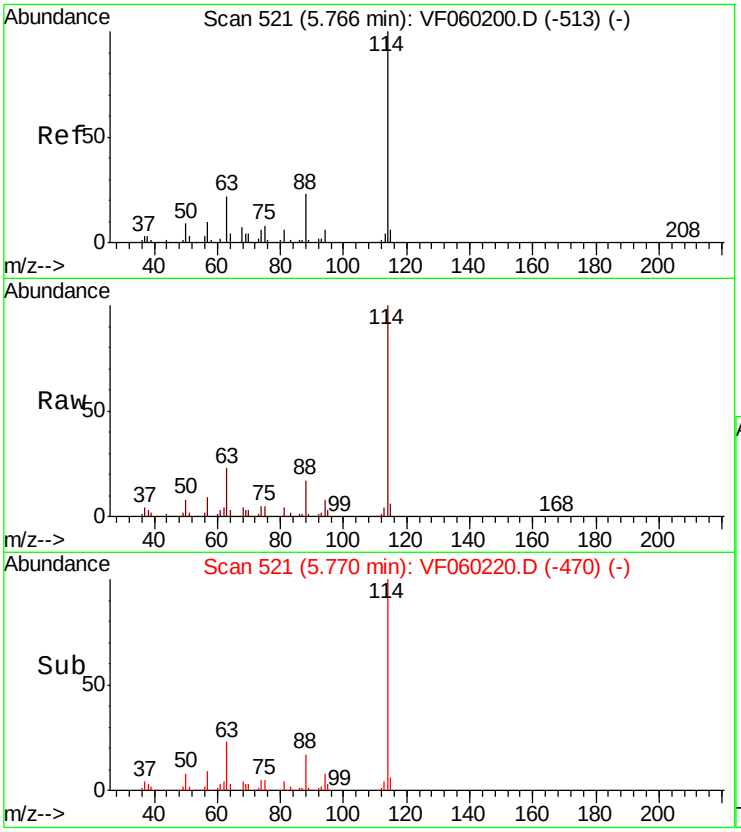


#33
1,2-Dichloroethane-d4
Concen: 42.017 ug/l
RT: 5.01 min Scan# 444
Delta R.T. -0.01 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Tgt Ion: 65 Resp: 116463

Ion	Ratio	Lower	Upper
65	100		
67	39.6	0.0	87.2



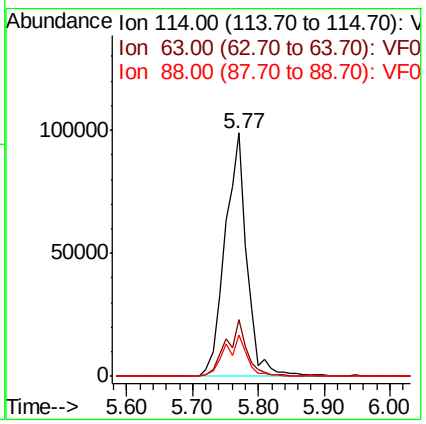


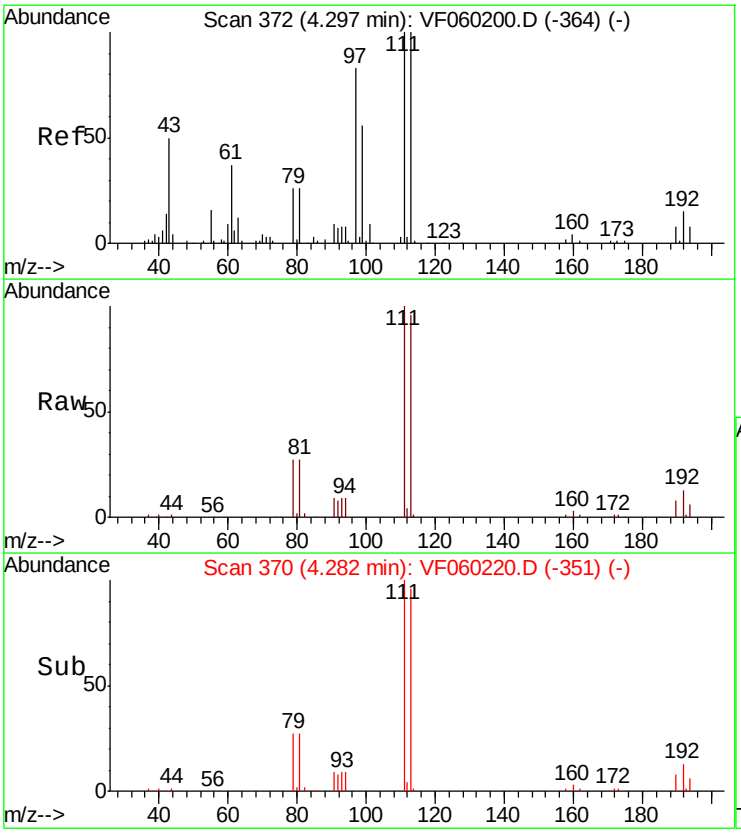
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 521
Delta R.T. 0.00 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-E7

Tgt Ion:114 Resp: 230743

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	45.6
88	16.9	0.0	46.4

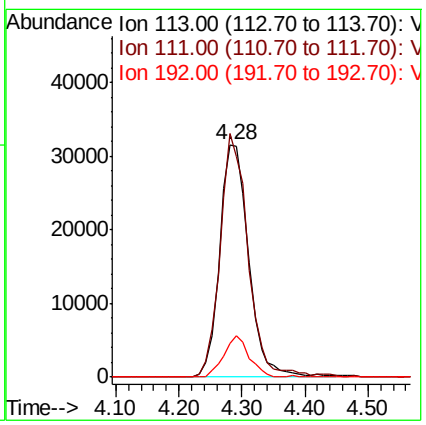


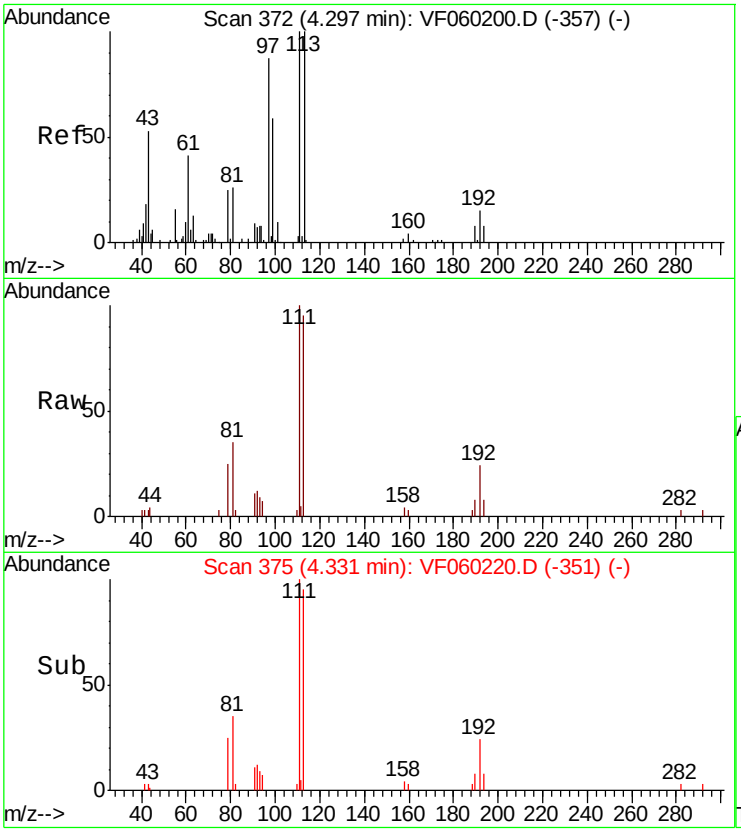


#35
Dibromofluoromethane
Concen: 44.690 ug/l
RT: 4.28 min Scan# 370
Delta R.T. -0.02 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Tgt Ion:113 Resp: 101029

Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.2	120.2
192	14.1	11.8	17.8



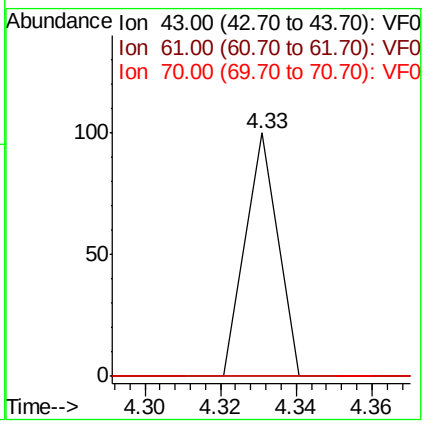


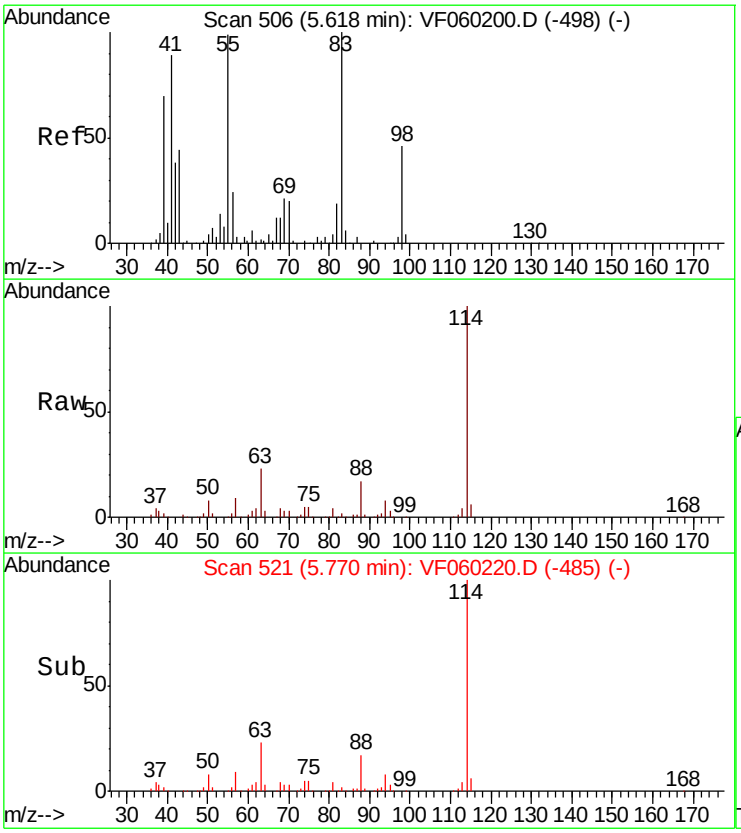
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 375
Delta R.T. 0.03 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Instrument : MSVOA_F
ClientSampleId : EP1-Q2-E7

Tgt Ion: 43 Resp: 59

Ion	Ratio	Lower	Upper
43	100		
61	0.0	61.6	92.4#
70	0.0	6.9	10.3#

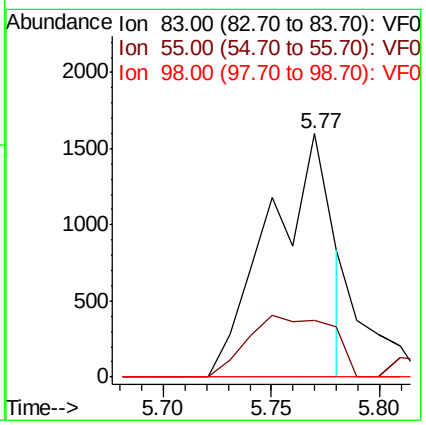


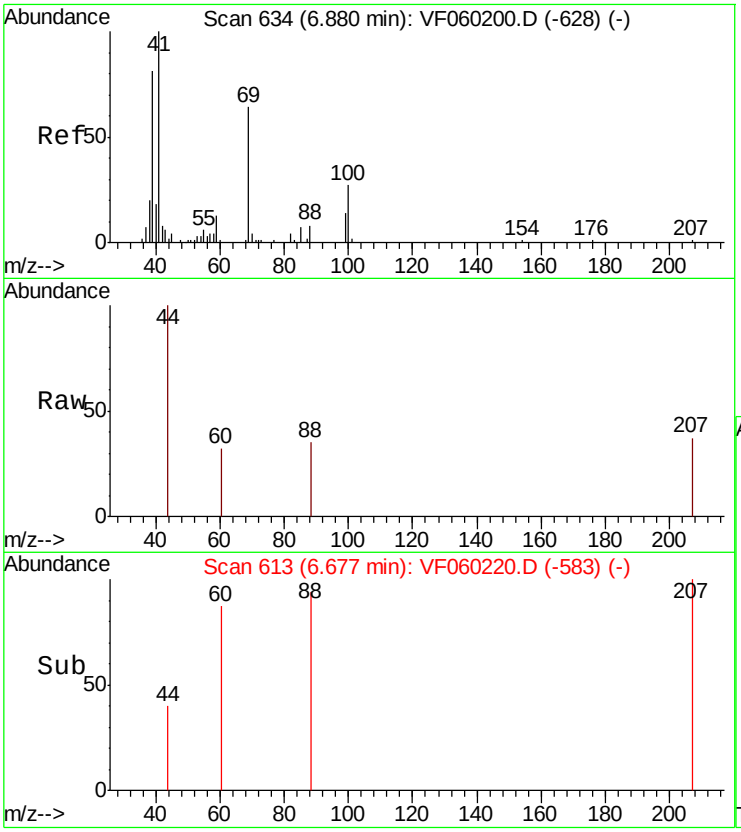


#39
Methylcyclohexane
Concen: 1.422 ug/l
RT: 5.77 min Scan# 521
Delta R.T. 0.15 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Tgt Ion: 83 Resp: 3235

Ion	Ratio	Lower	Upper
83	100		
55	23.4	79.0	118.4#
98	0.0	36.7	55.1#



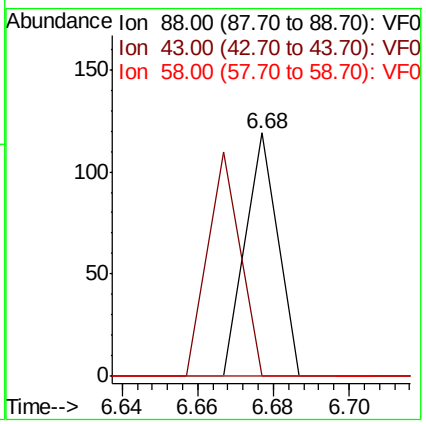


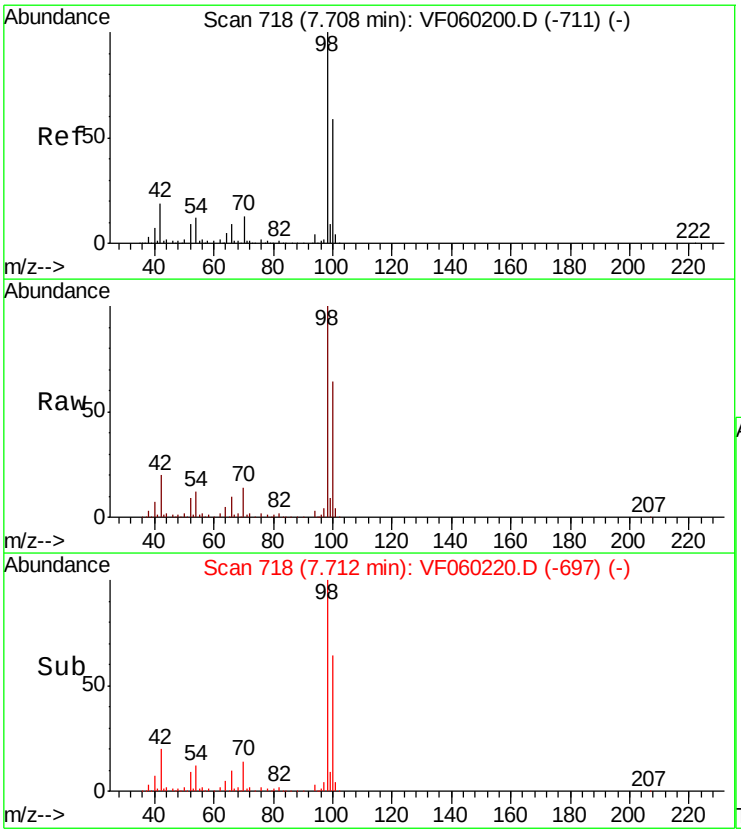
#49
1,4-Dioxane
Concen: 3.796 ug/l
RT: 6.68 min Scan# 613
Delta R.T. -0.20 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-E7

Tgt Ion: 88 Resp: 70

Ion	Ratio	Lower	Upper
88	100		
43	0.0	68.1	102.1#
58	0.0	38.1	57.1#

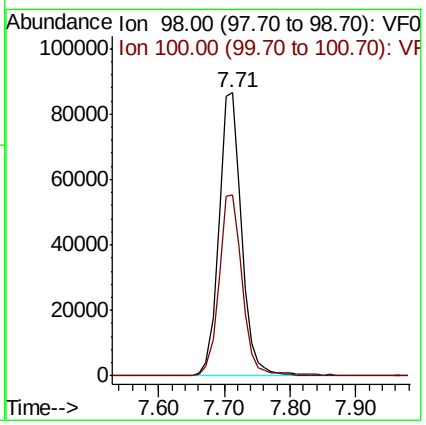


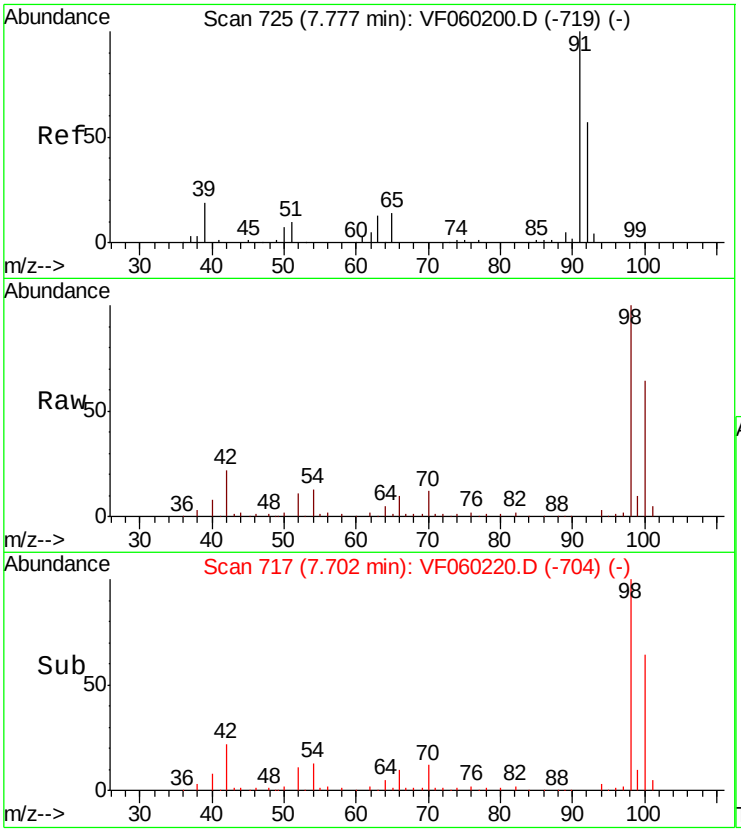


#50
Toluene-d8
Concen: 36.907 ug/l
RT: 7.71 min Scan# 718
Delta R.T. 0.00 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Tgt Ion: 98 Resp: 208203

Ion	Ratio	Lower	Upper
98	100		
100	64.1	47.4	71.0



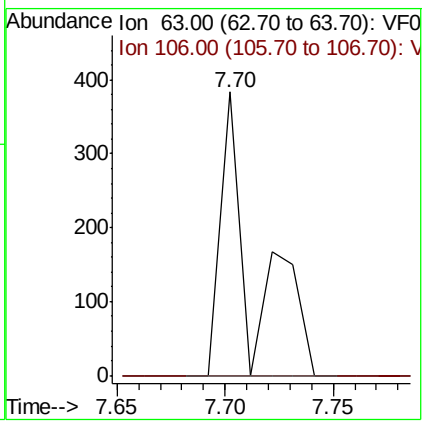


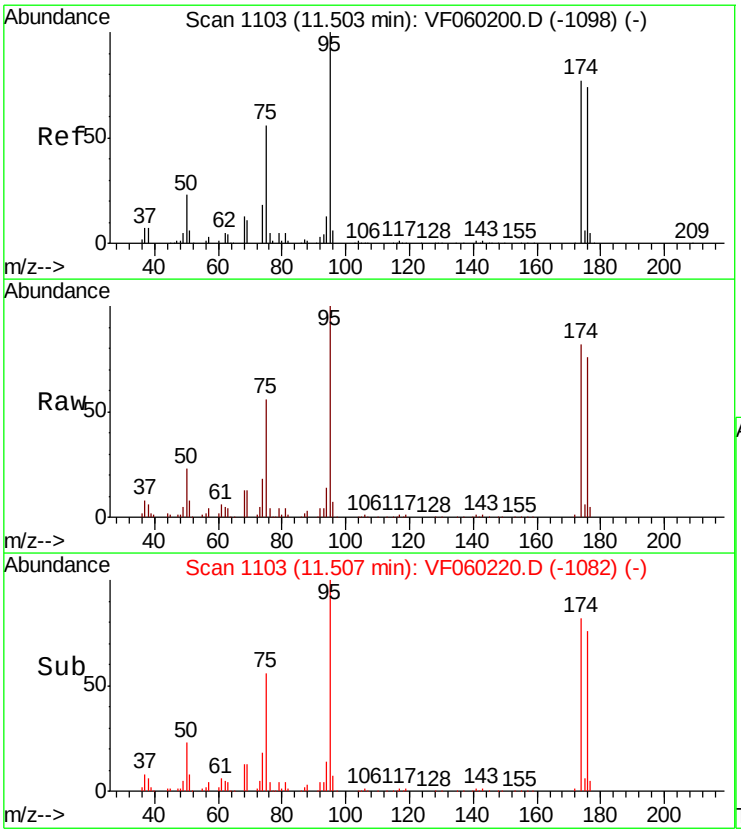
#58
2-Chloroethyl Vinyl ether
Concen: 2.443 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.07 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Instrument : MSVOA_F
ClientSampleId : EP1-Q2-E7

Tgt Ion: 63 Resp: 414

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

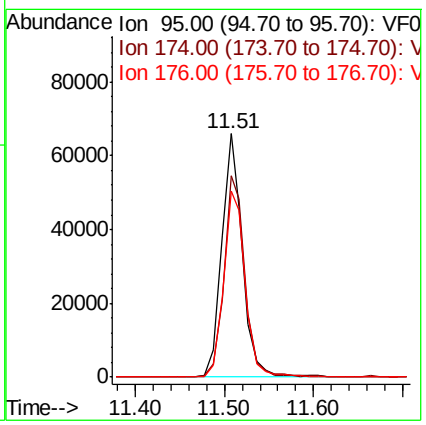


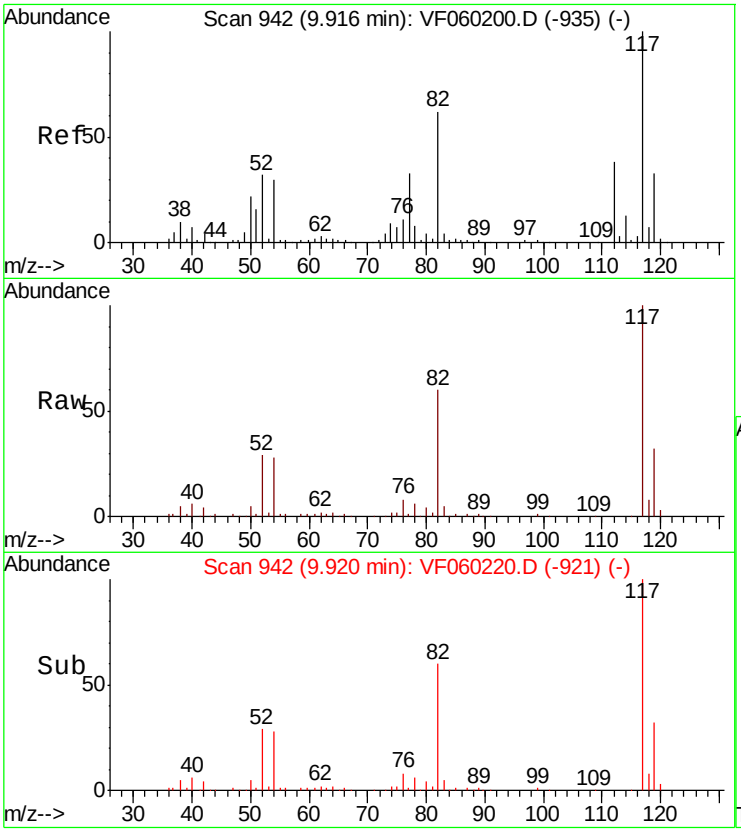


#62
4-Bromofluorobenzene
Concen: 33.864 ug/l
RT: 11.51 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Tgt Ion: 95 Resp: 107786

Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	153.2
176	76.2	0.0	147.2



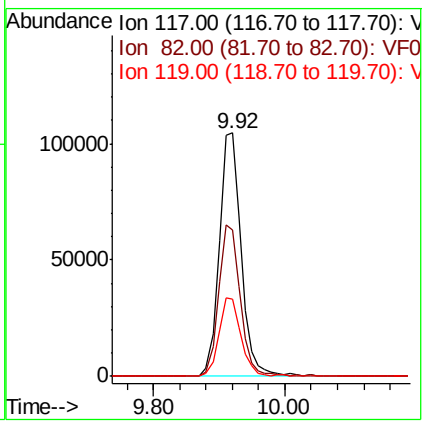


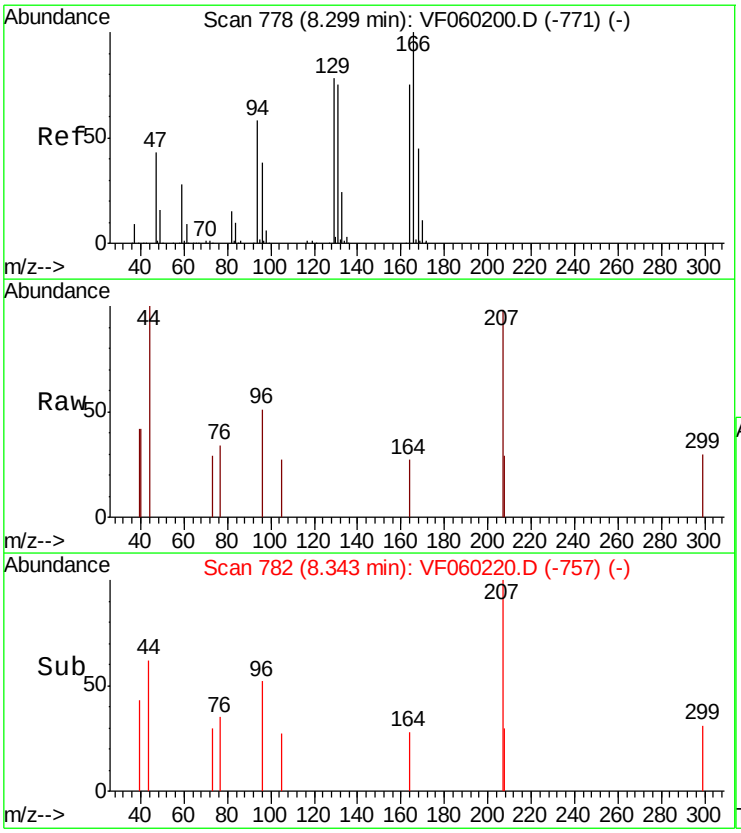
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.00 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Instrument : MSVOA_F
ClientSampleId : EP1-Q2-E7

Tgt Ion:117 Resp: 243800

Ion	Ratio	Lower	Upper
117	100		
82	60.1	49.3	73.9
119	31.5	26.5	39.7

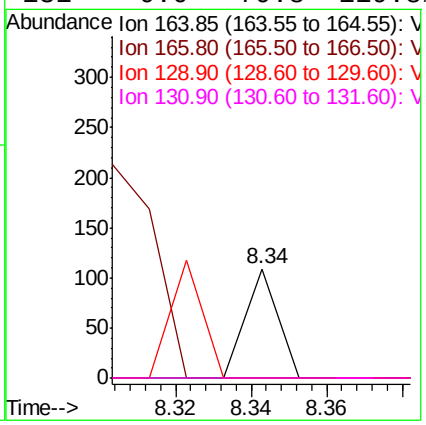


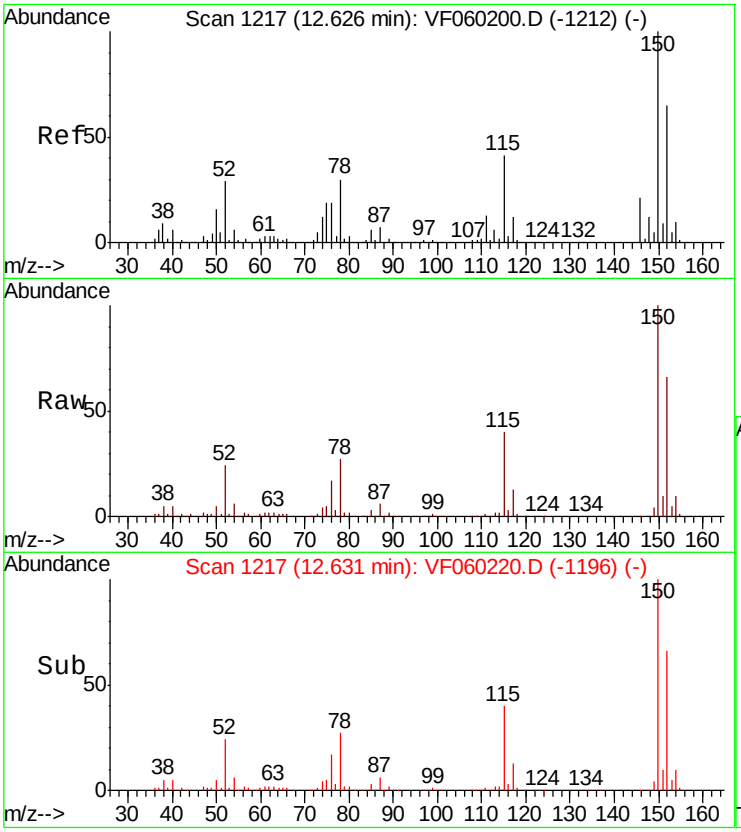


#64
Tetrachloroethene
Concen: Below Cal
RT: 8.34 min Scan# 782
Delta R.T. 0.04 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Tgt Ion:164 Resp: 64

Ion	Ratio	Lower	Upper
164	100		
166	0.0	107.0	160.4#
129	0.0	83.0	124.6#
131	0.0	79.8	119.8#



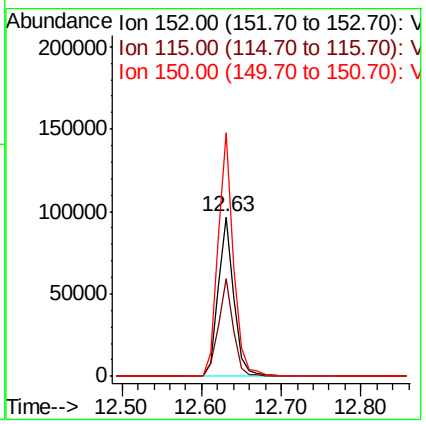


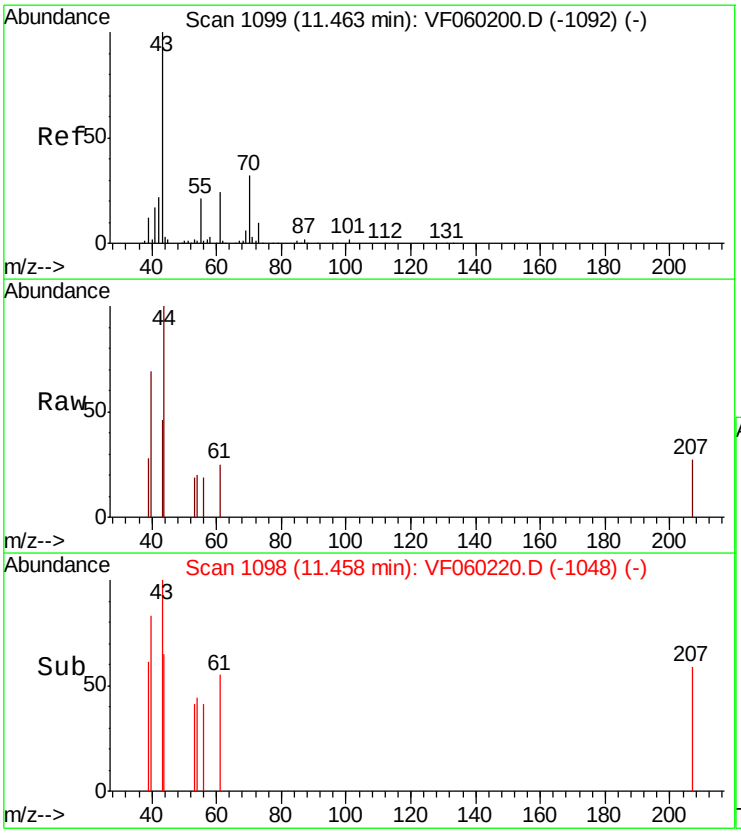
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-E7

Tgt Ion:152 Resp: 133982

Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.5	94.5
150	152.5	0.0	310.4

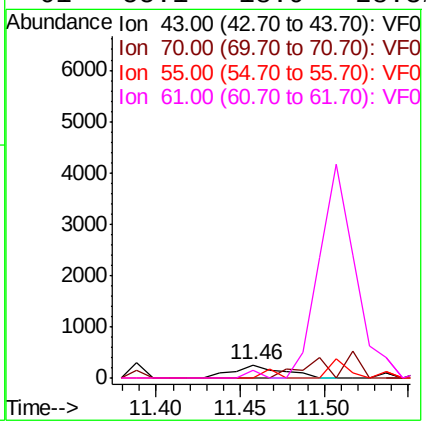


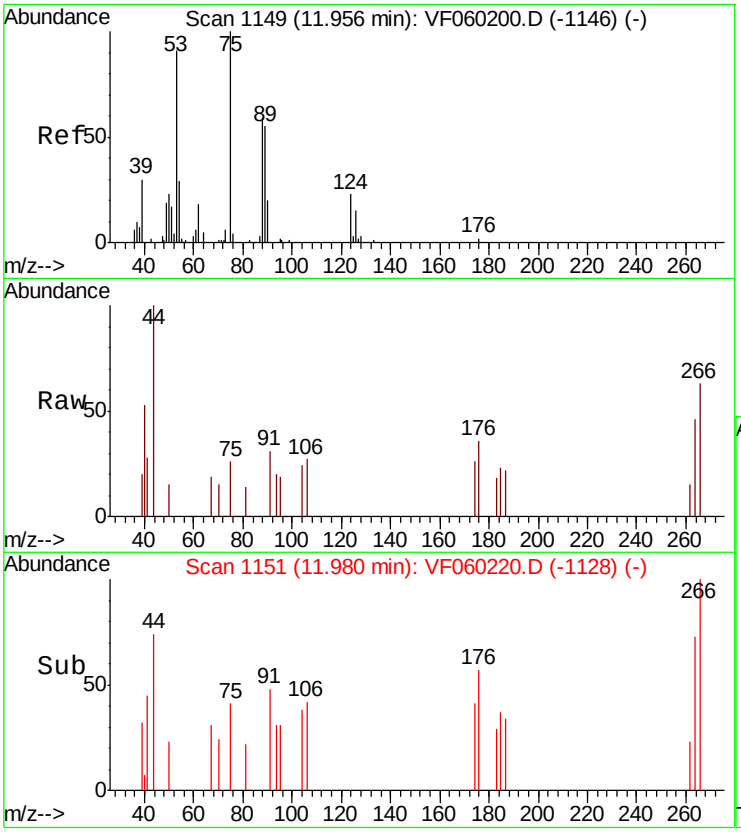


#74
N-amyl acetate
Concen: 5.044 ug/l
RT: 11.46 min Scan# 1098
Delta R.T. -0.01 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Tgt Ion: 43 Resp: 508

Ion	Ratio	Lower	Upper
43	100		
70	0.0	25.8	38.6#
55	0.0	16.8	25.2#
61	55.1	18.9	28.3#



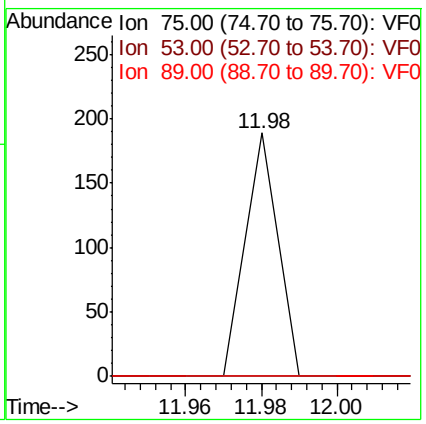


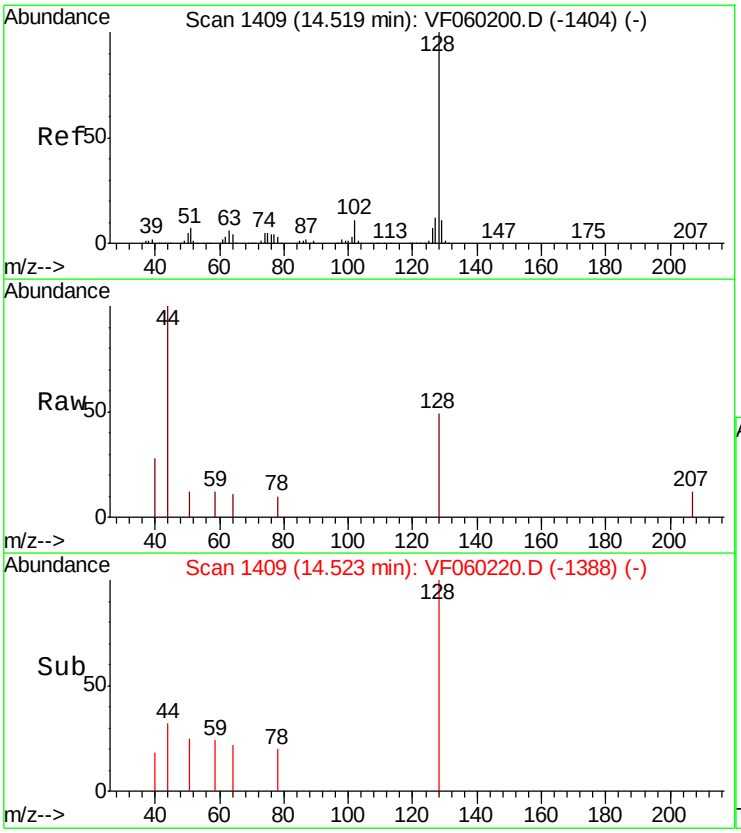
#81
trans-1,4-Dichloro-2-butene
Concen: 2.852 ug/l
RT: 11.98 min Scan# 1151
Delta R.T. 0.02 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-E7

Tgt Ion: 75 Resp: 112

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.5	114.7#
89	0.0	46.5	69.7#





#95
Naphthalene
Concen: 2.796 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. 0.01 min
Lab File: VF060220.D
Acq: 7 Sep 2018 19:45

Tgt Ion:128 Resp: 995

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.9	14.9#
129	0.0	8.9	13.3#