Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092818\
Data File : VD060096.D
Acq On : 28 Sep 2018 14:34
Operator : VA/AP
Sample : J5145-02
Misc : 10.00g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FK-PS-01-042

Quant Time: Sep 28 23:16:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	60183	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	94582	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	88473	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	47933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	46152	98.34	ug/l	0.02
Spiked Amount 50.000			Recovery = 196.68%			
35) Dibromofluoromethane	6.32	113	44453	60.16	ug/l	0.02
Spiked Amount 50.000			Recovery = 120.32%			
50) Toluene-d8	9.45	98	116002	56.65	ug/l	0.01
Spiked Amount 50.000			Recovery = 113.30%			
62) 4-Bromofluorobenzene	12.42	95	49959	63.86	ug/l	0.01
Spiked Amount 50.000			Recovery = 127.72%			
Target Compounds						Qvalue
5) Bromomethane	2.13	94	896	16.780	ug/l #	1
13) Acrolein	2.97	56	225	9.594	ug/l #	74
14) Allyl chloride	3.52	41	2955	5.658	ug/l #	87
15) Acrylonitrile	4.07	53	238	1.665	ug/l #	17
16) Acetone	3.15	43	2100	23.175	ug/l #	53
18) Methyl Acetate	3.57	43	2597	14.093	ug/l #	64
20) Methylene Chloride	3.71	84	4310	Below Cal	#	75
23) Vinyl Acetate	4.81	43	3559	2.637	ug/l #	80
25) 2-Butanone	5.62	43	2554	10.445	ug/l #	61
29) Tetrahydrofuran	5.96	42	804	6.131	ug/l #	41
36) 1,1-Dichloropropene	6.41	75	3931	4.184	ug/l #	40
38) Carbon Tetrachloride	6.39	117	4557	5.196	ug/l #	12
51) 4-Methyl-2-Pentanone	9.45	43	569	Below Cal	#	31
55) 1,1,2-Trichloroethane	10.20	97	602	1.130	ug/l #	14
59) 2-Hexanone	10.49	43	1108	Below Cal	#	30
76) 1,2,3-Trichloropropane	12.42	75	16976	23.189	ug/l #	42
81) trans-1,4-Dichloro-2-buten	12.42	75	21555	97.540	ug/l #	15
87) 1,3-Dichlorobenzene	13.31	146	1759	1.117	ug/l	91
88) 1,4-Dichlorobenzene	13.39	146	2136	1.337	ug/l	84
89) n-Butylbenzene	13.64	91	1270	Below Cal		88
91) 1,2-Dichlorobenzene	13.66	146	1810	Below Cal	#	66
93) 1,2,4-Trichlorobenzene	14.78	180	2598	2.315	ug/l	93
95) Naphthalene	14.97	128	5877	3.391	ug/l	96
96) 1,2,3-Trichlorobenzene	15.11	180	2571	2.600	ug/l	89

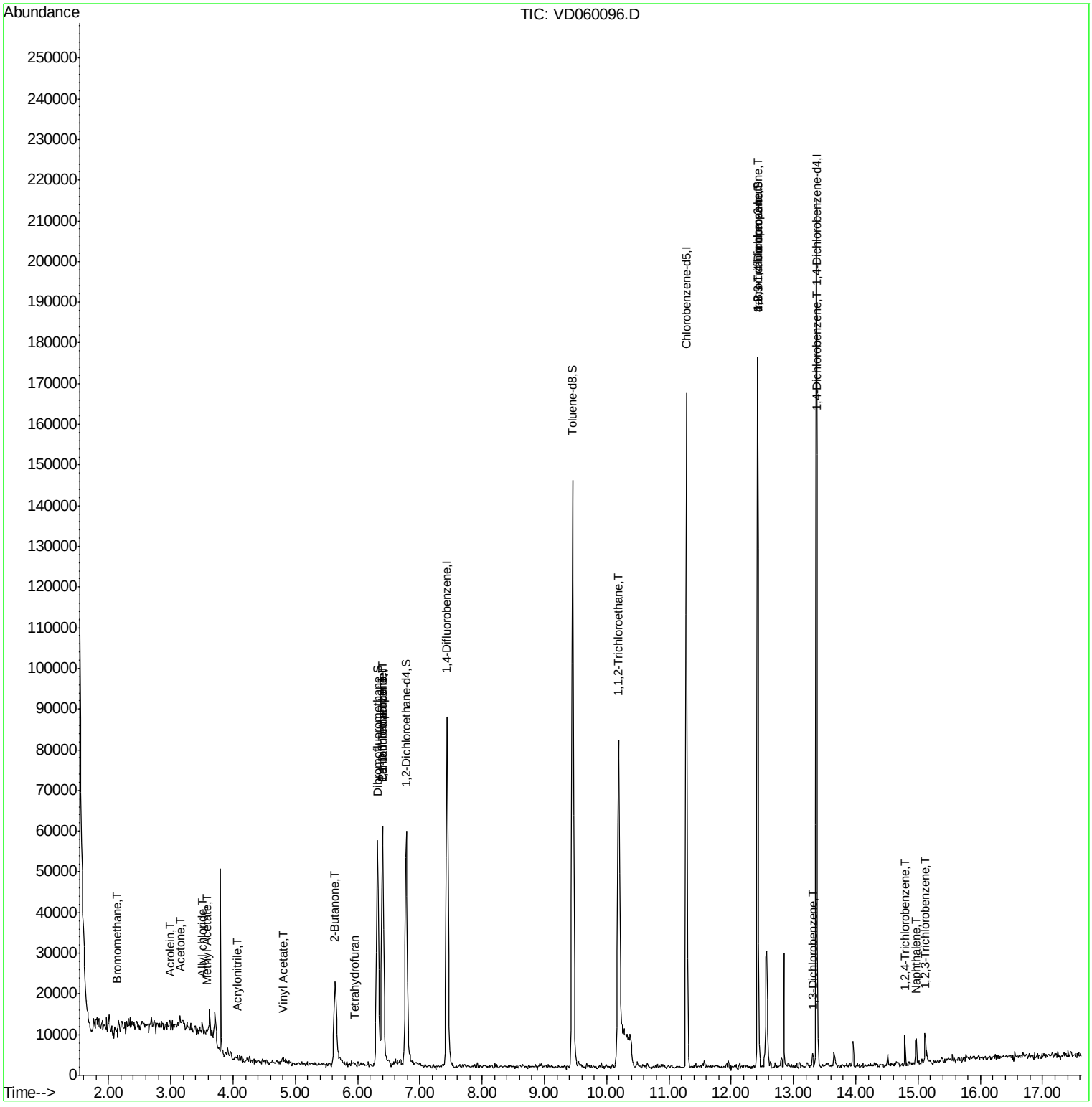
(#) = qualifier out of range (m) = manual integration (+) = signals summed

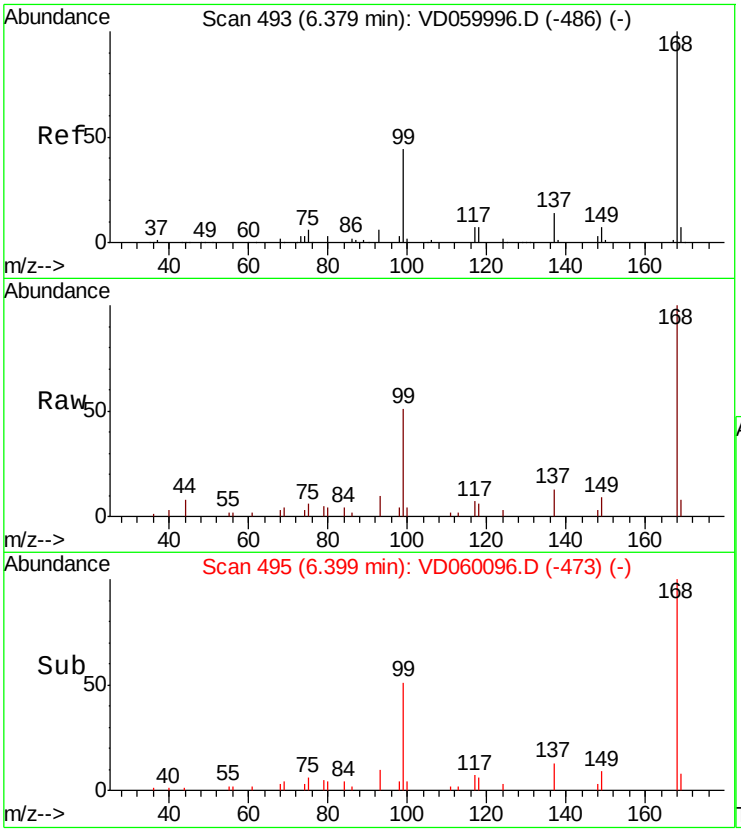
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092818\
Data File : VD060096.D
Acq On : 28 Sep 2018 14:34
Operator : VA/AP
Sample : J5145-02
Misc : 10.00g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FK-PS-01-042

Quant Time: Sep 28 23:16:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration



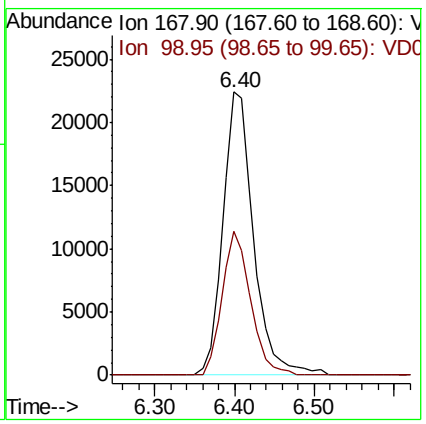


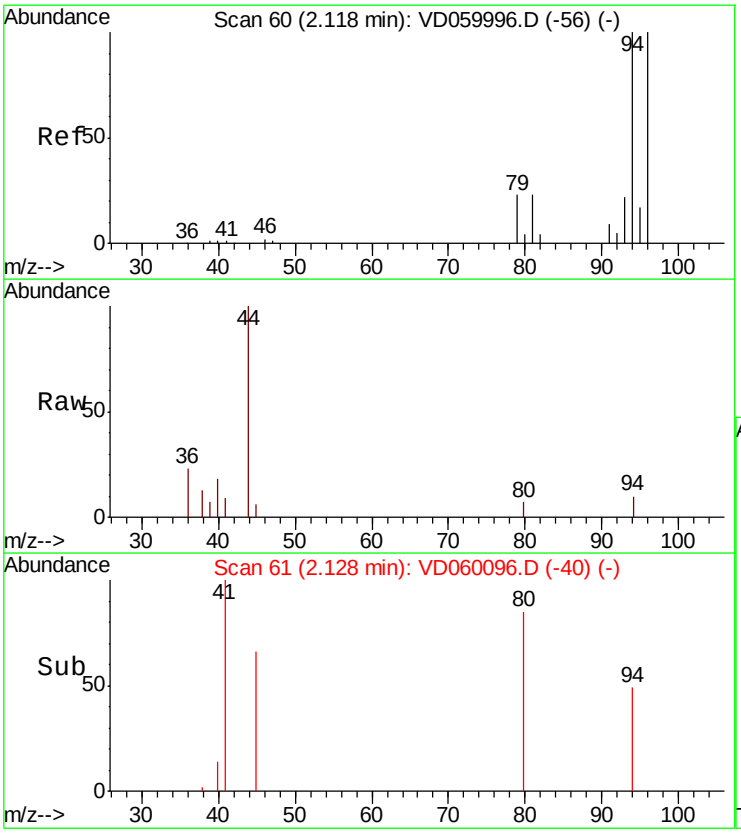
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.40 min Scan# 495
Delta R.T. 0.02 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-042

Tgt Ion:168 Resp: 60183

Ion	Ratio	Lower	Upper
168	100		
99	50.8	38.5	57.7

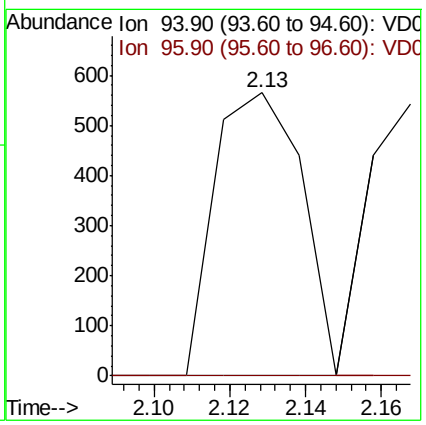


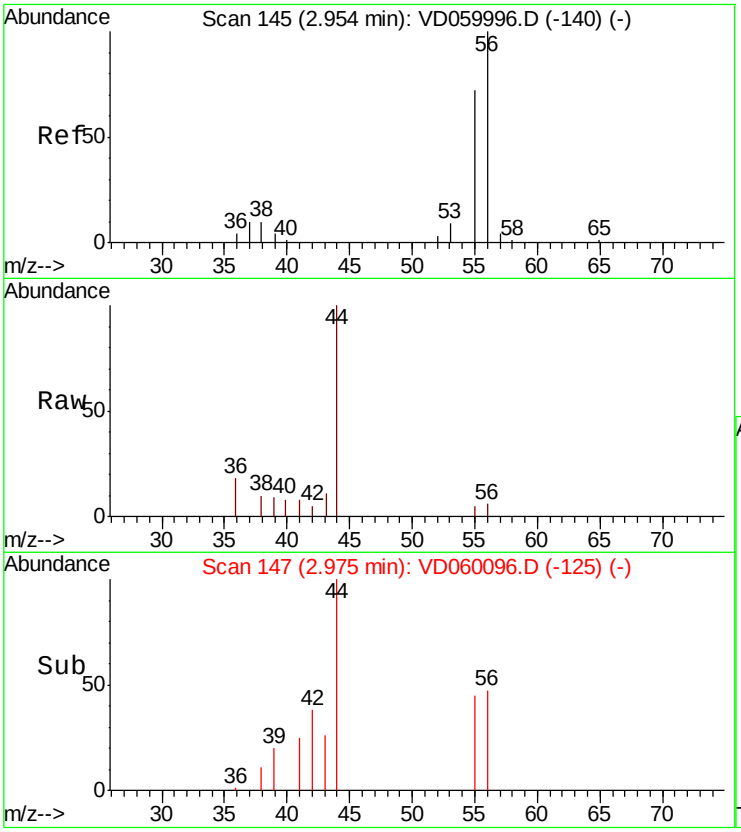


#5
Bromomethane
Concen: 16.780 ug/l
RT: 2.13 min Scan# 61
Delta R.T. 0.01 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Tgt Ion: 94 Resp: 896

Ion	Ratio	Lower	Upper
94	100		
96	0.0	79.8	119.8#



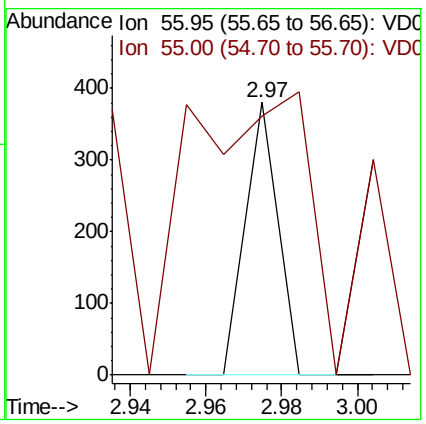


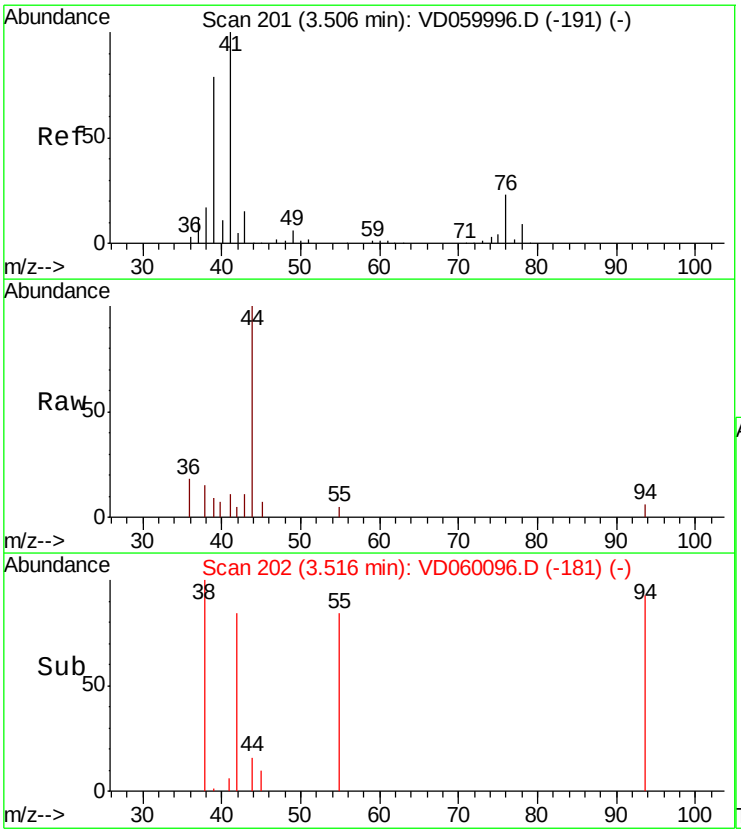
#13
Acrolein
Concen: 9.594 ug/l
RT: 2.97 min Scan# 147
Delta R.T. 0.02 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-042

Tgt Ion: 56 Resp: 225

Ion	Ratio	Lower	Upper
56	100		
55	94.8	58.3	87.5#

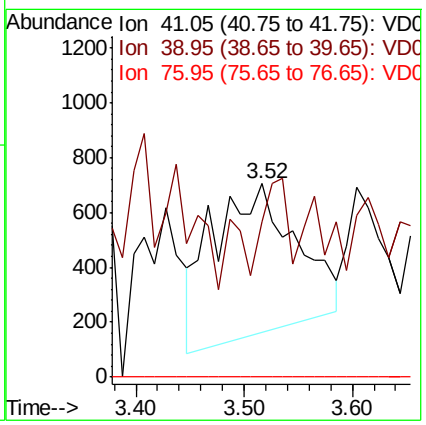


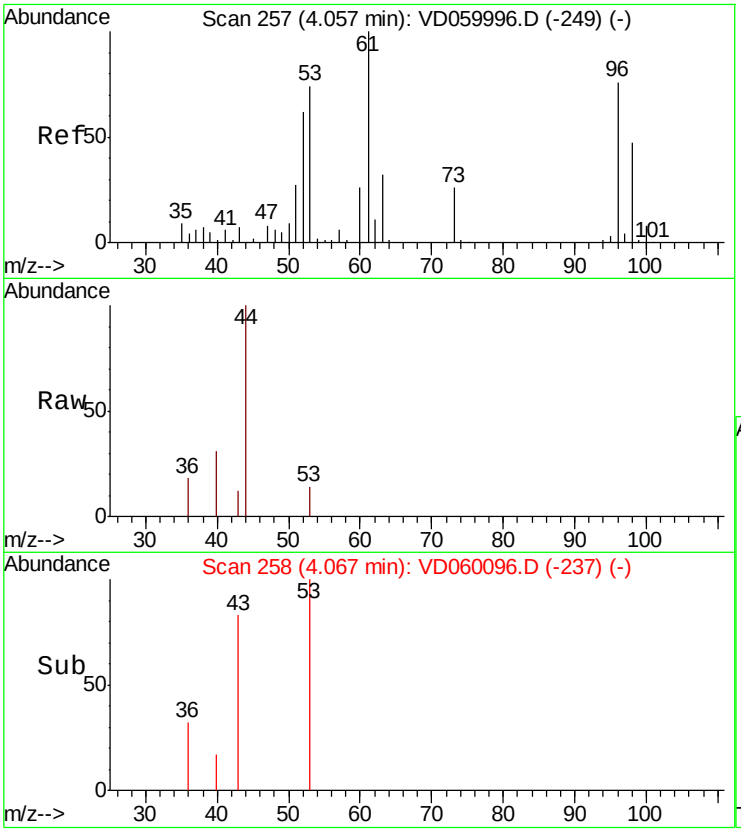


#14
Allyl chloride
Concen: 5.658 ug/l
RT: 3.52 min Scan# 202
Delta R.T. 0.01 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Tgt Ion: 41 Resp: 2955

Ion	Ratio	Lower	Upper
41	100		
39	80.0	63.6	95.4
76	0.0	21.1	31.7#



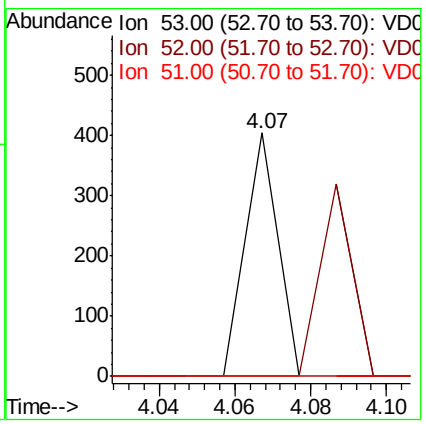


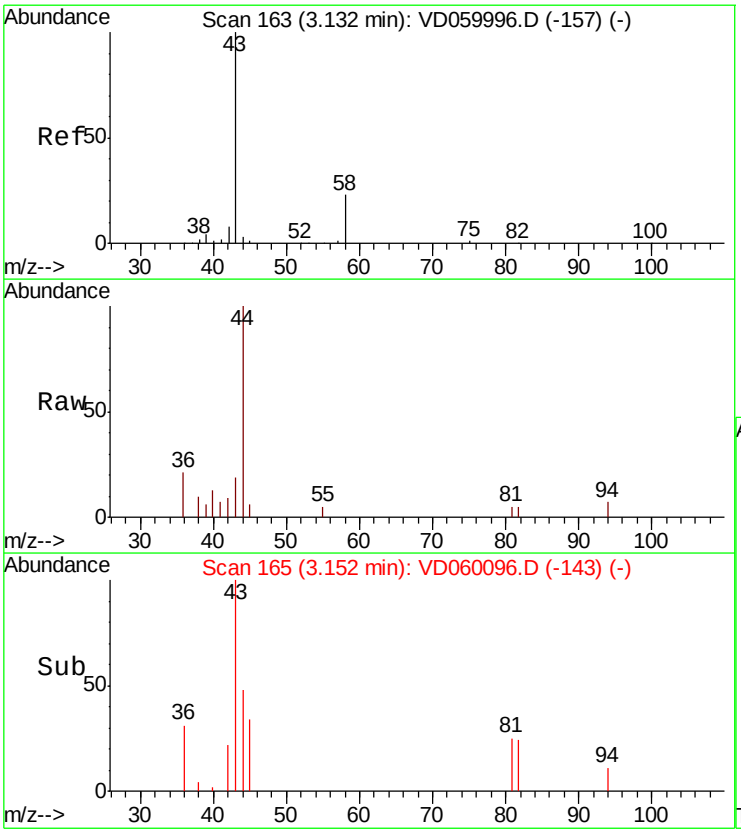
#15
Acrylonitrile
Concen: 1.665 ug/l
RT: 4.07 min Scan# 258
Delta R.T. 0.01 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Instrument : MSVOA_D
ClientSampleId : FK-PS-01-042

Tgt Ion: 53 Resp: 238

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.7	100.1#
51	0.0	29.0	43.6#

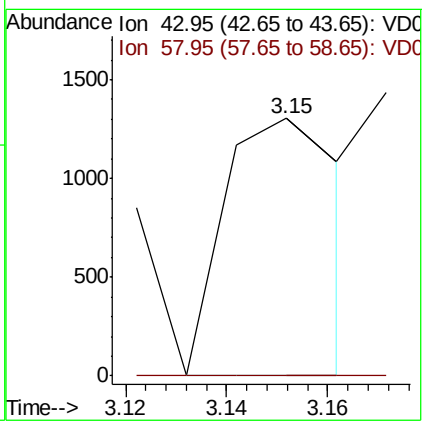


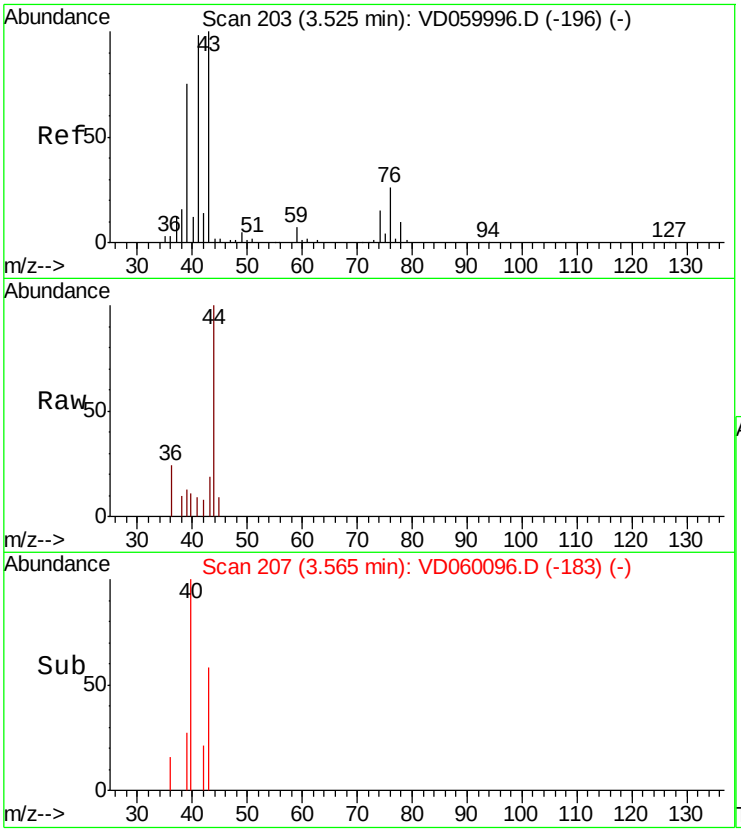


#16
Acetone
Concen: 23.175 ug/l
RT: 3.15 min Scan# 165
Delta R.T. 0.02 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Tgt Ion: 43 Resp: 2100

Ion	Ratio	Lower	Upper
43	100		
58	0.0	18.1	27.1#



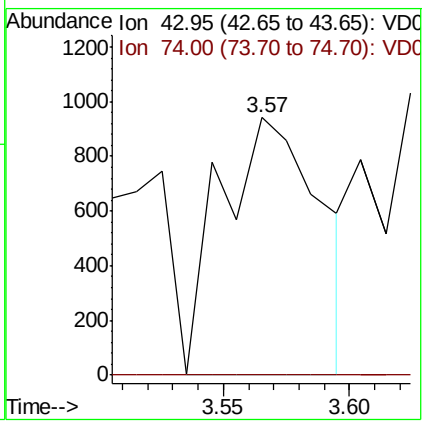


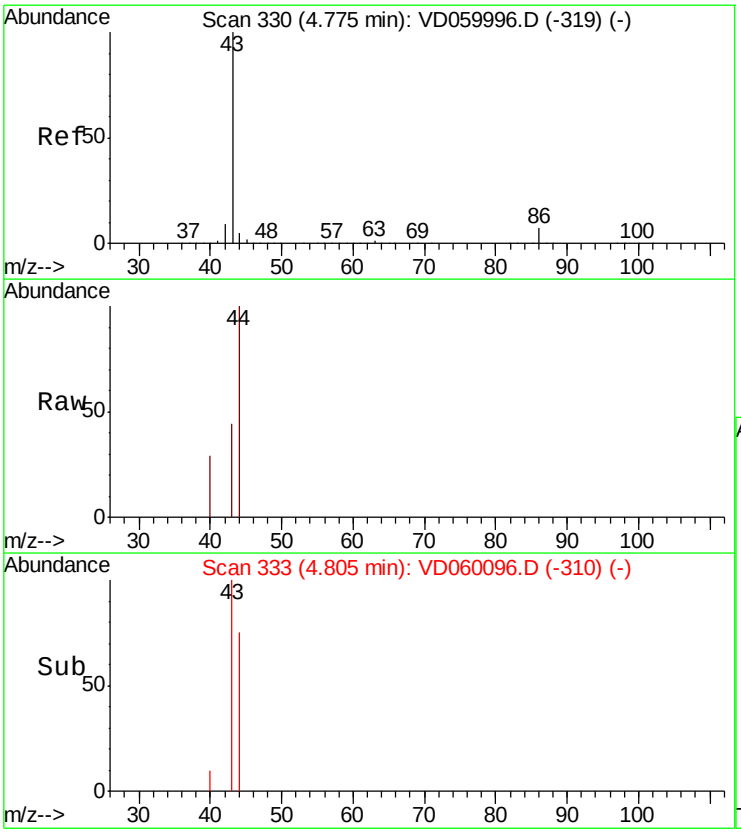
#18
Methyl Acetate
Concen: 14.093 ug/l
RT: 3.57 min Scan# 207
Delta R.T. 0.04 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Instrument : MSVOA_D
ClientSampleId : FK-PS-01-042

Tgt Ion: 43 Resp: 2597

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.8	17.8#

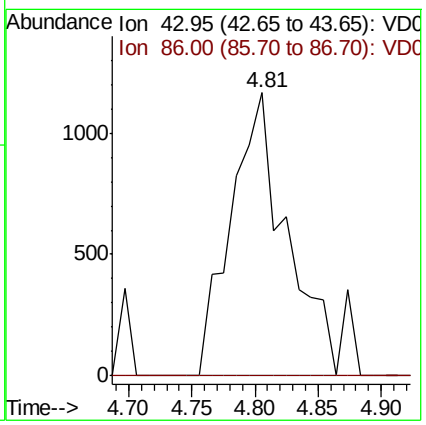


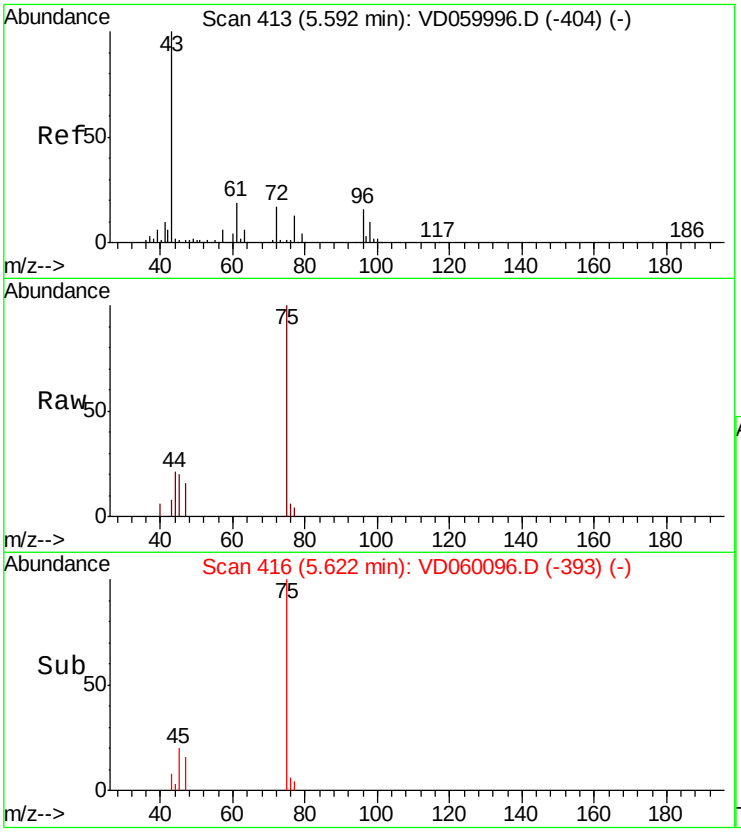


#23
Vinyl Acetate
Concen: 2.637 ug/l
RT: 4.81 min Scan# 333
Delta R.T. 0.03 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Tgt Ion: 43 Resp: 3559

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.5	8.3#



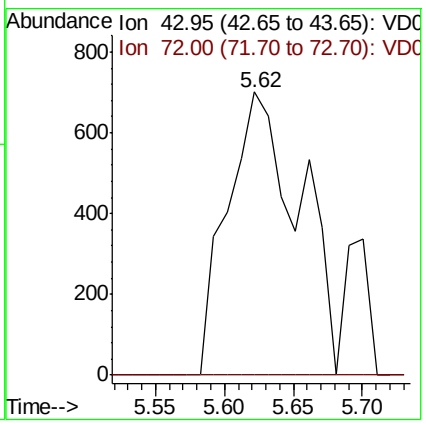


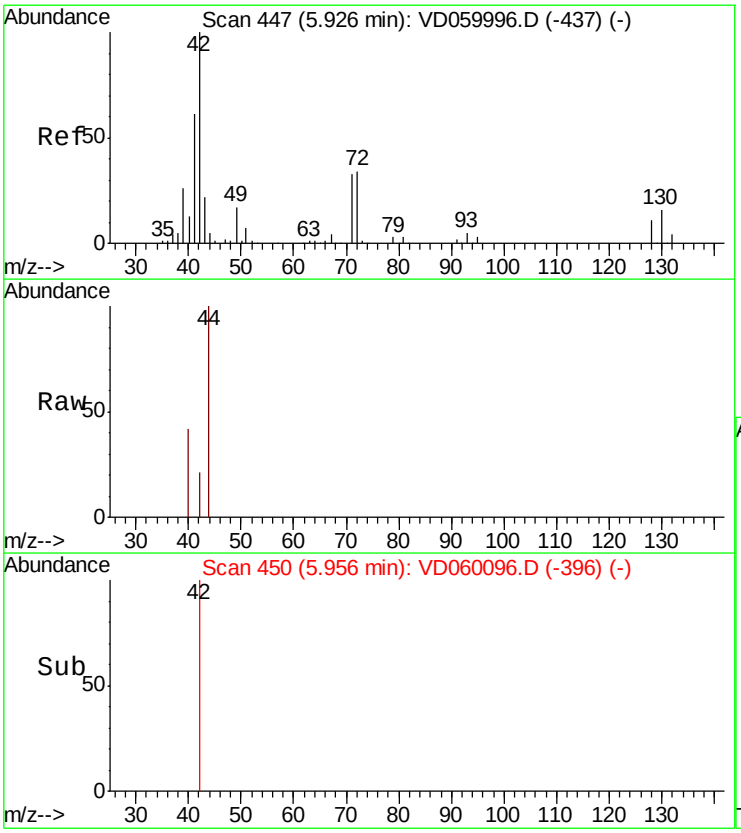
#25
2-Butanone
Concen: 10.445 ug/l
RT: 5.62 min Scan# 416
Delta R.T. 0.03 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Instrument : MSVOA_D
ClientSampleId : FK-PS-01-042

Tgt Ion: 43 Resp: 2554

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.6	20.4#

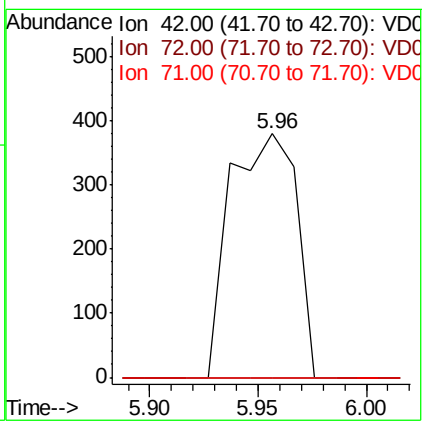


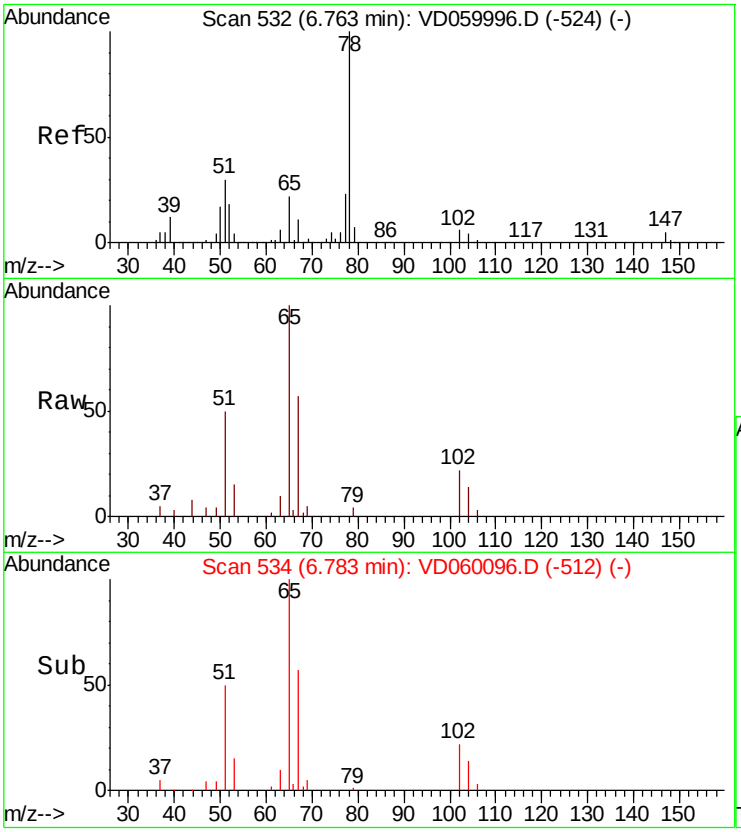


#29
Tetrahydrofuran
Concen: 6.131 ug/l
RT: 5.96 min Scan# 450
Delta R.T. 0.03 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Tgt Ion: 42 Resp: 804

Ion	Ratio	Lower	Upper
42	100		
72	0.0	26.9	40.3#
71	0.0	26.2	39.4#



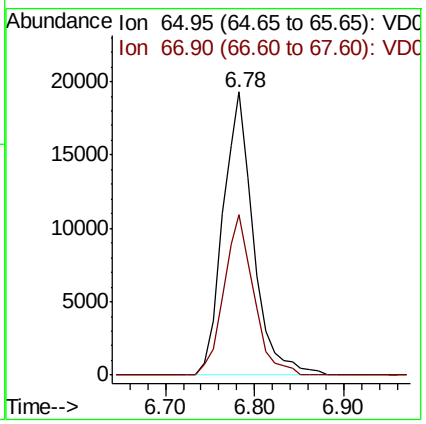


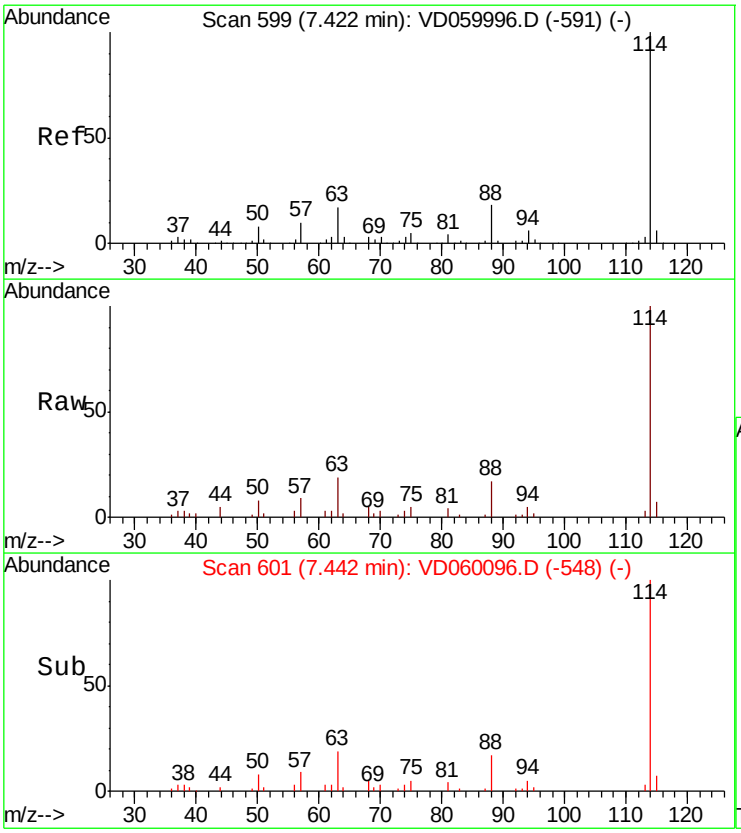
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.02 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Instrument : MSVOA_D
ClientSampleId : FK-PS-01-042

Tgt Ion: 65 Resp: 46152

Ion	Ratio	Lower	Upper
65	100		
67	56.6	0.0	104.8

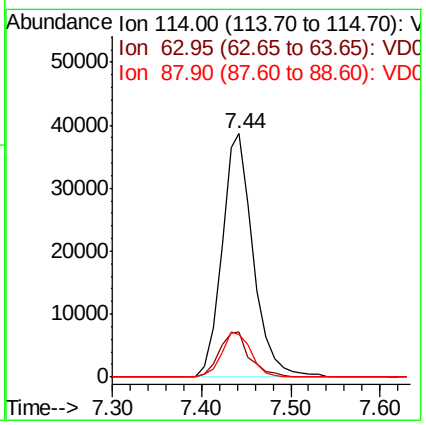


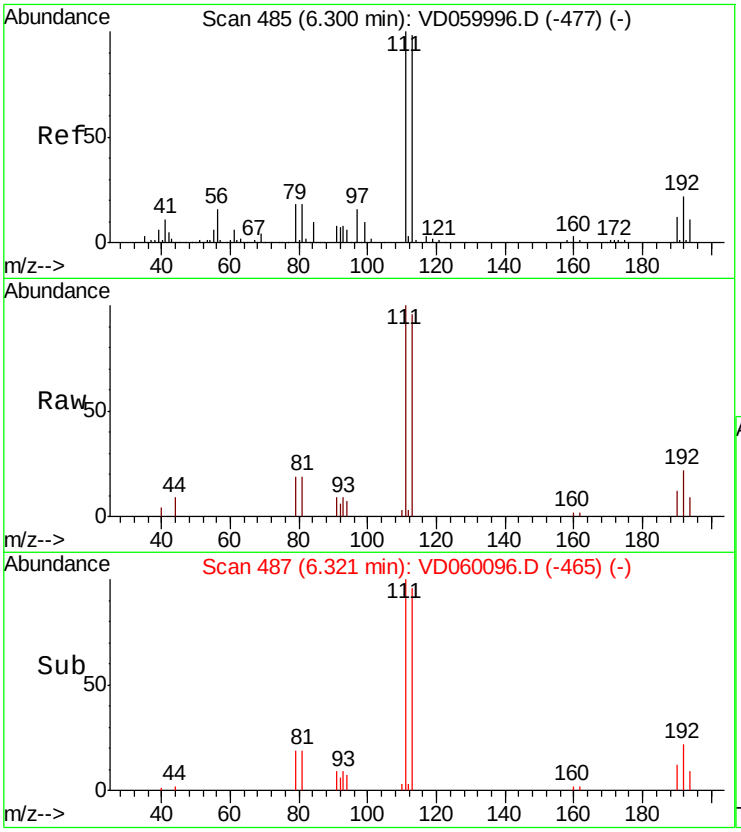


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.44 min Scan# 601
Delta R.T. 0.02 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Tgt Ion:114 Resp: 94582

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	34.4
88	17.3	0.0	35.8



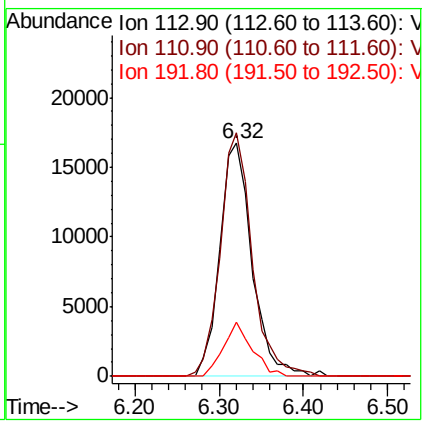


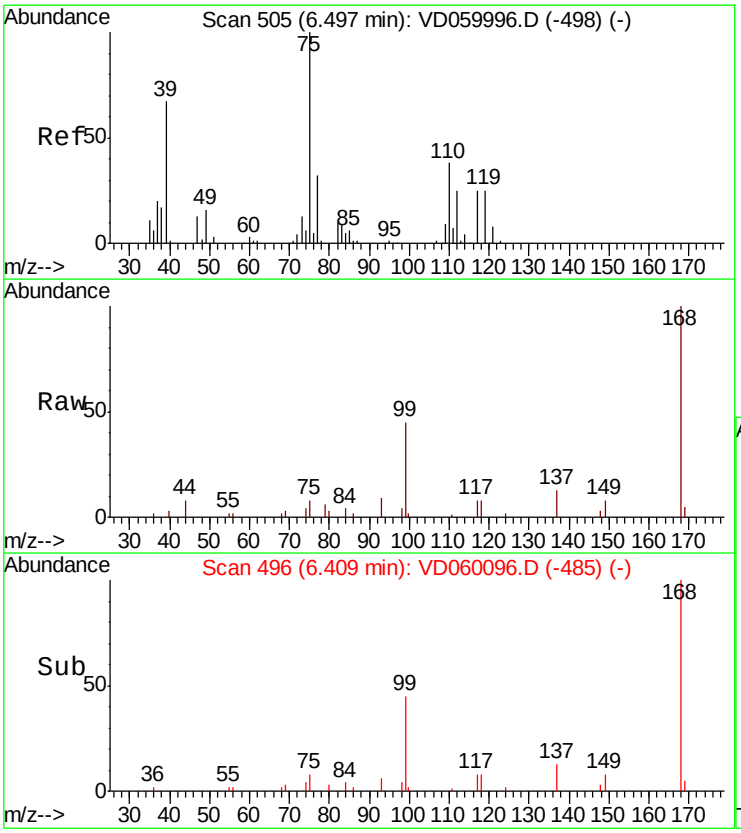
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 487
Delta R.T. 0.02 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-042

Tgt Ion:113 Resp: 44453

Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.3	121.9
192	23.4	18.1	27.1

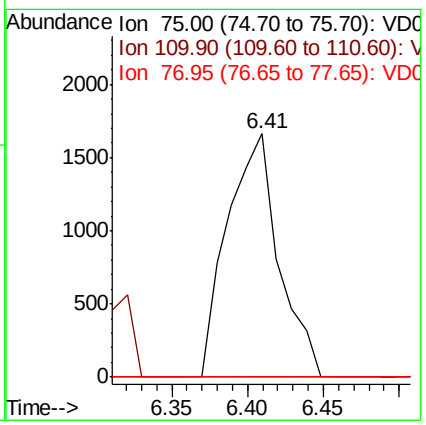


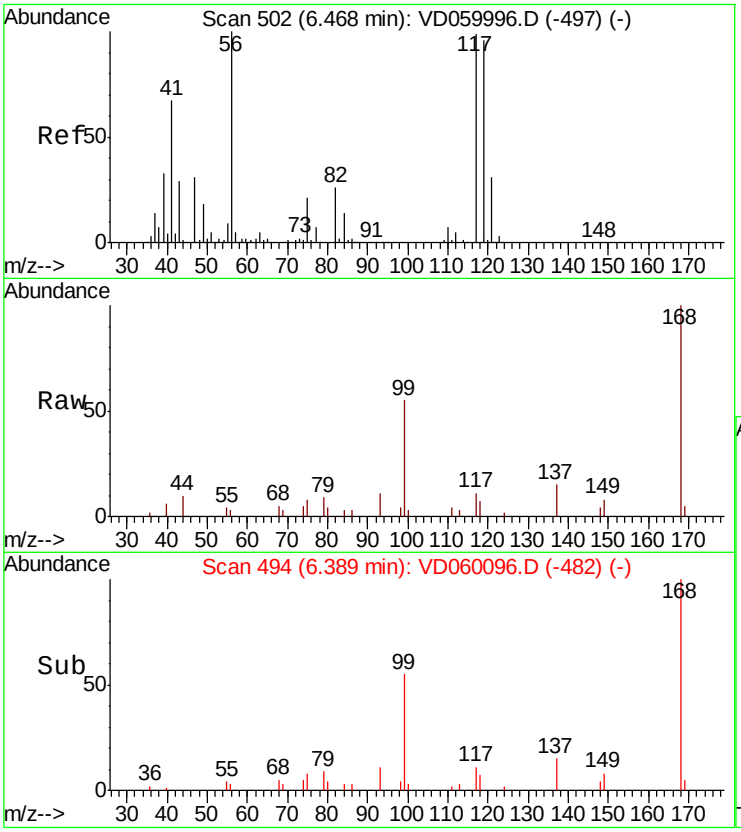


#36
1,1-Dichloropropene
Concen: 4.184 ug/l
RT: 6.41 min Scan# 496
Delta R.T. -0.09 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Tgt Ion: 75 Resp: 3931

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.9	56.9#
77	0.0	25.3	37.9#



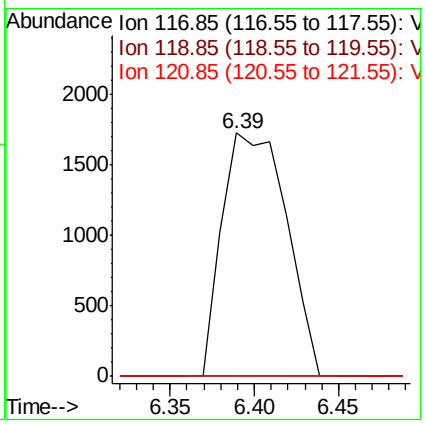


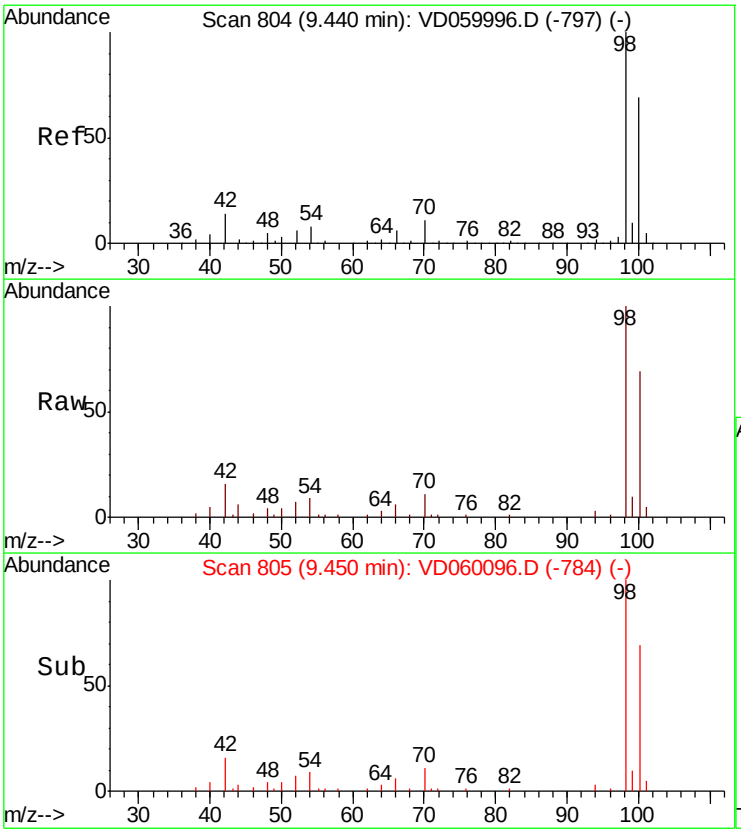
#38
Carbon Tetrachloride
Concen: 5.196 ug/l
RT: 6.39 min Scan# 494
Delta R.T. -0.08 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-042

Tgt Ion:117 Resp: 4557

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.7	115.1#
121	0.0	24.9	37.3#

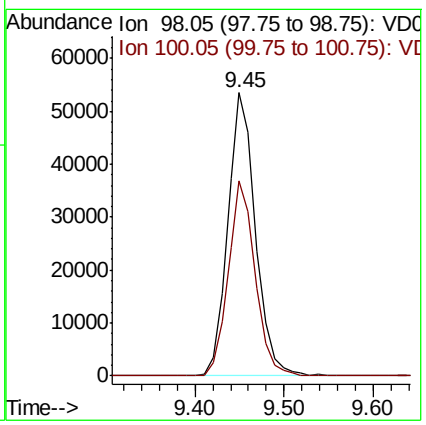


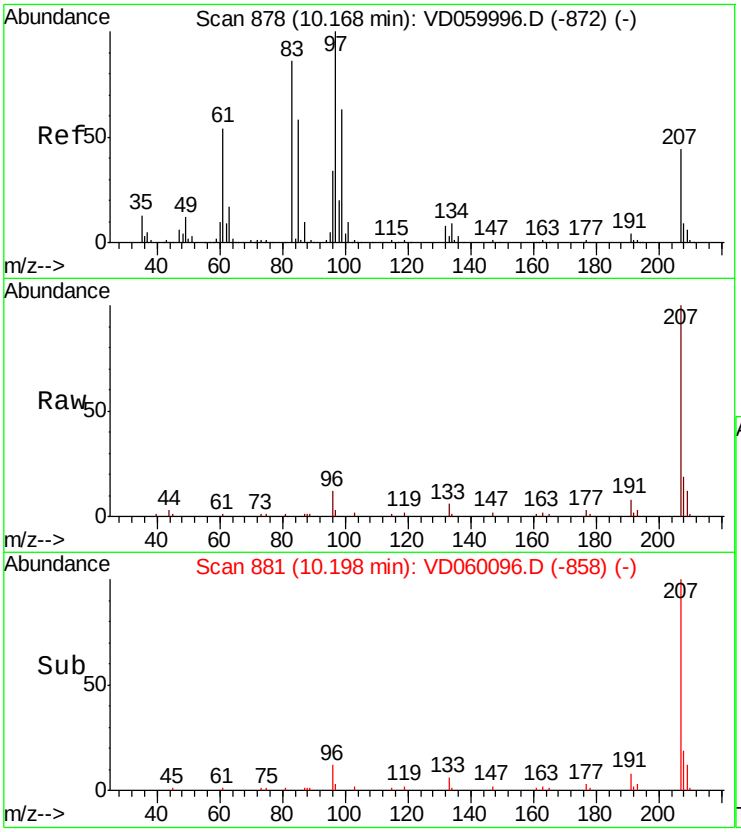


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. 0.01 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Tgt Ion: 98 Resp: 116002

Ion	Ratio	Lower	Upper
98	100		
100	69.0	55.8	83.6



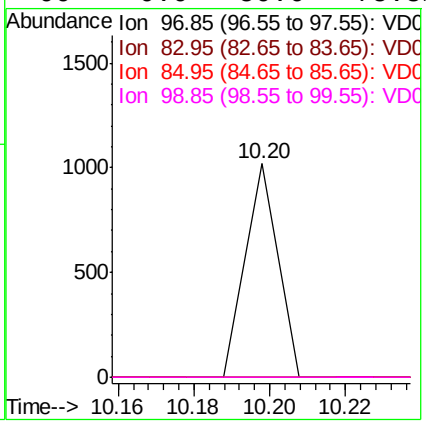


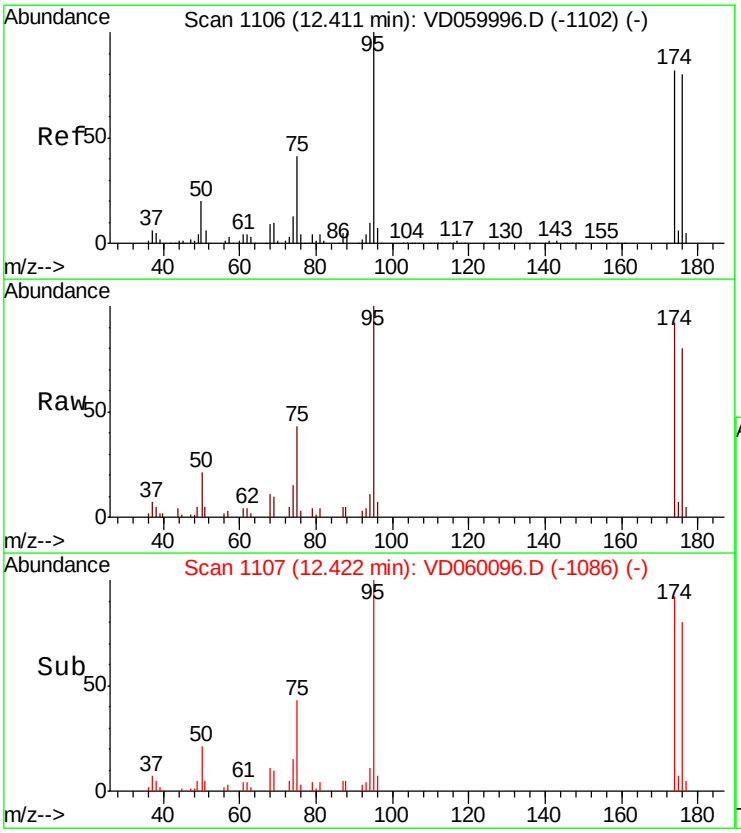
#55
1,1,2-Trichloroethane
Concen: 1.130 ug/l
RT: 10.20 min Scan# 881
Delta R.T. 0.03 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Instrument : MSVOA_D
ClientSampleId : FK-PS-01-042

Tgt Ion: 97 Resp: 602

Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.1	103.7#
85	0.0	46.2	69.4#
99	0.0	50.6	75.8#

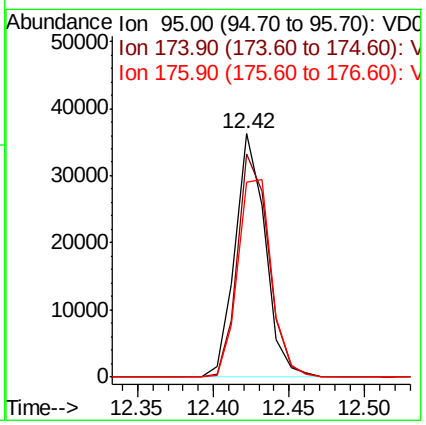


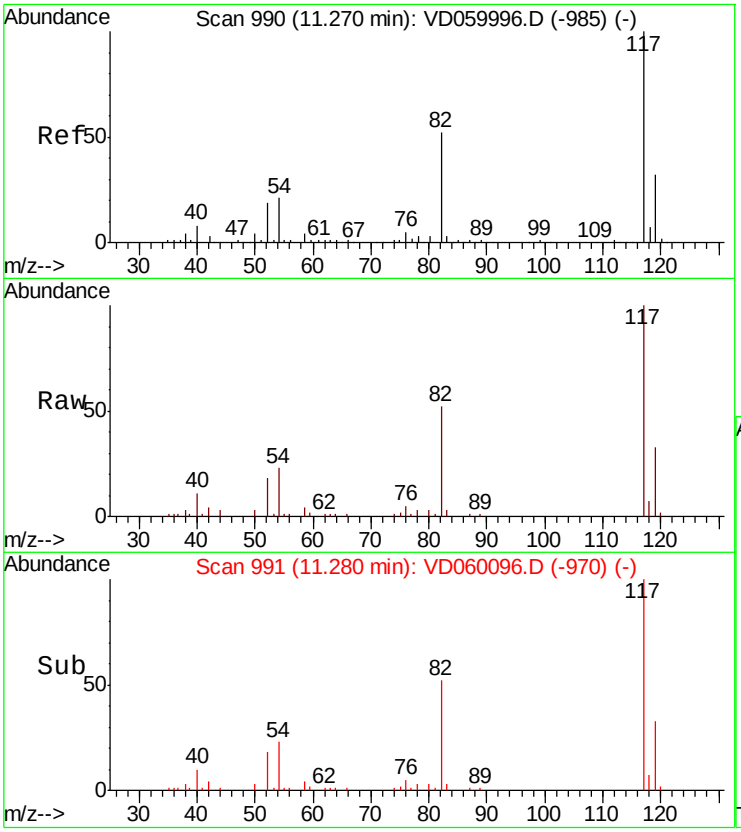


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Tgt Ion: 95 Resp: 49959

Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	165.0
176	80.3	0.0	160.2



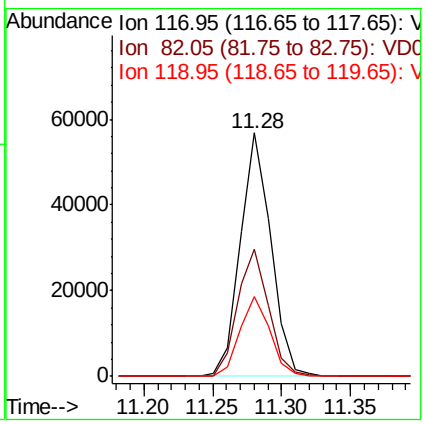


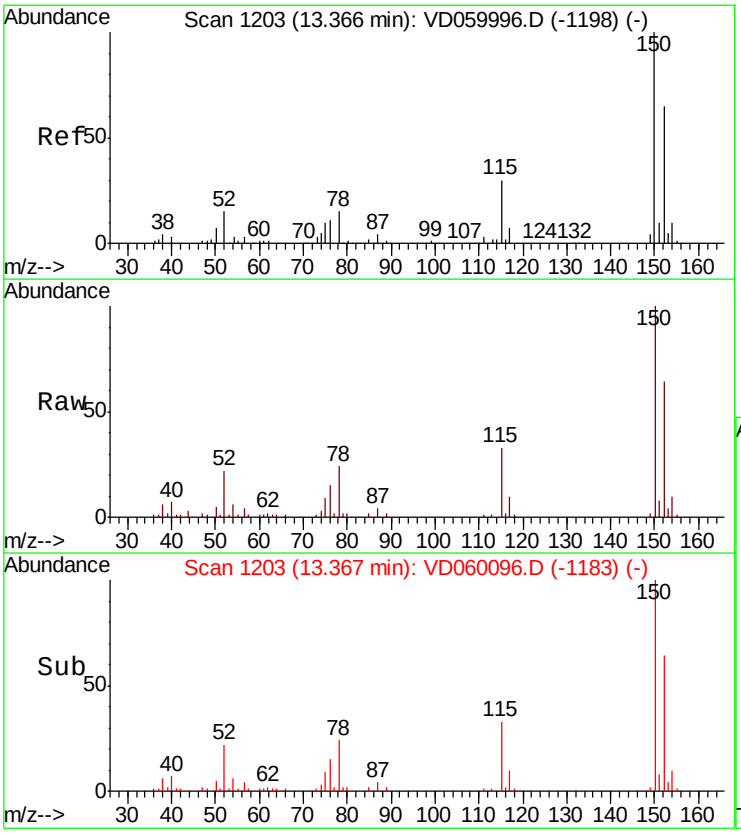
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Instrument : MSVOA_D
ClientSampleId : FK-PS-01-042

Tgt Ion:117 Resp: 88473

Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.7	62.5
119	32.9	26.0	39.0

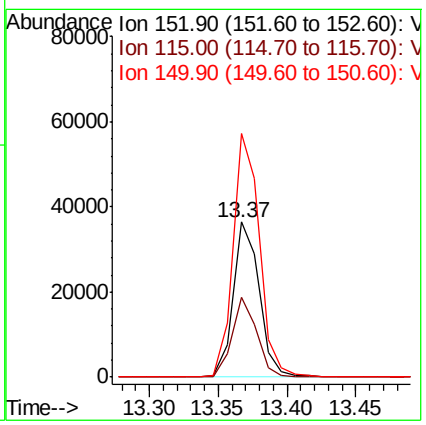


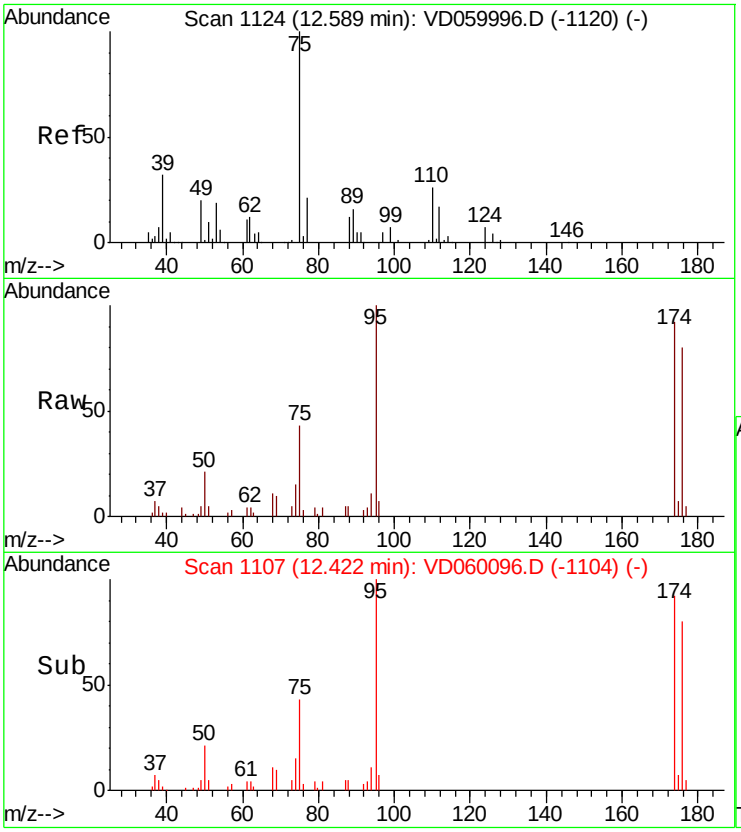


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1203
Delta R.T. 0.00 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Tgt Ion:152 Resp: 47933

Ion	Ratio	Lower	Upper
152	100		
115	51.2	24.6	73.8
150	157.0	0.0	313.4



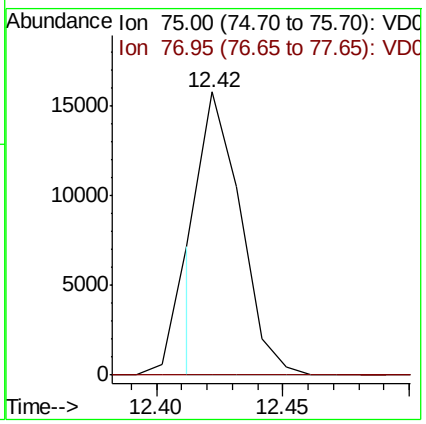


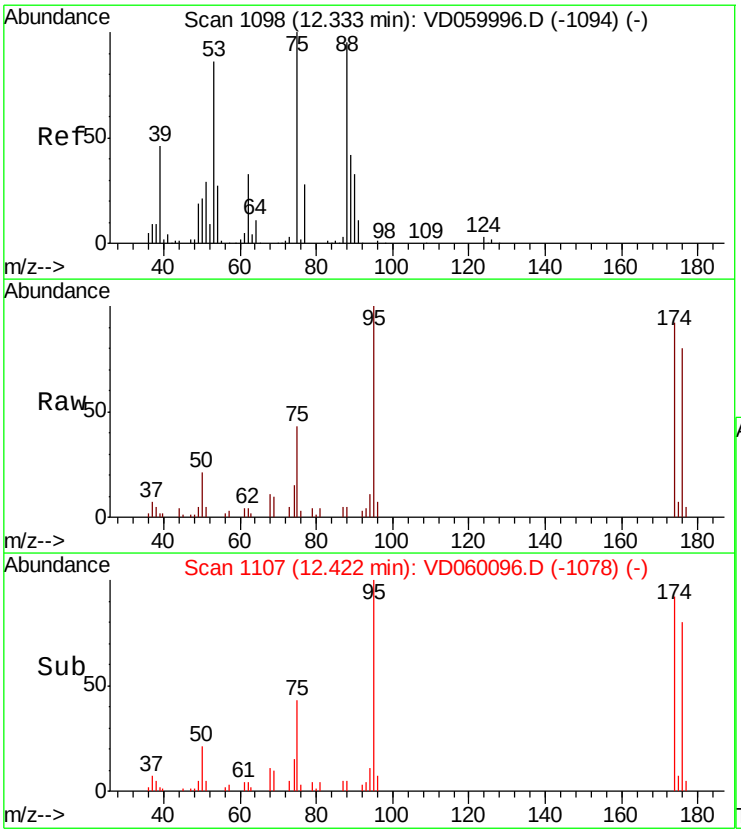
#76
1,2,3-Trichloropropane
Concen: 23.189 ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.17 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-042

Tgt Ion: 75 Resp: 16976

Ion	Ratio	Lower	Upper
75	100		
77	0.0	16.4	49.4#

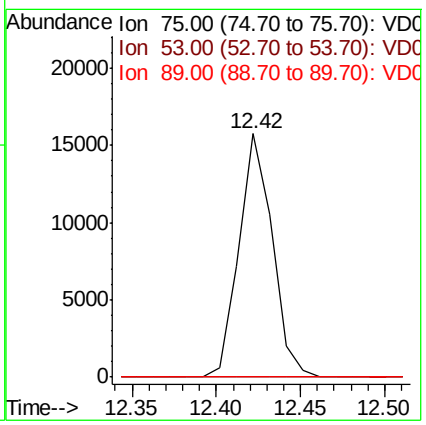


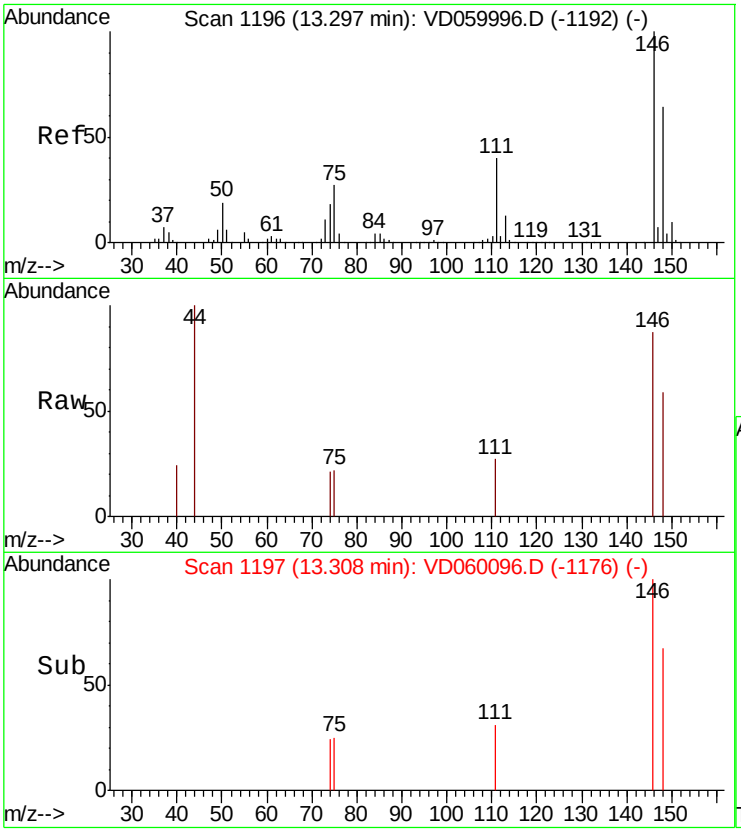


#81
trans-1,4-Dichloro-2-butene
Concen: 97.540 ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.09 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Tgt Ion: 75 Resp: 21555

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.4	102.6#
89	0.0	33.8	50.6#



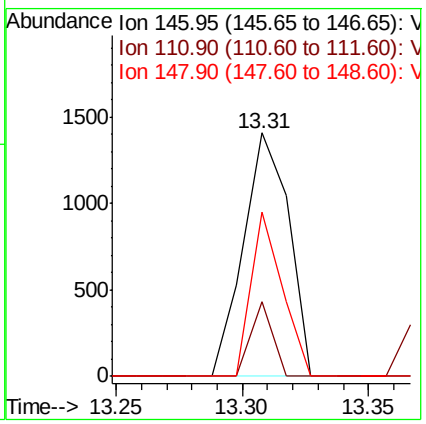


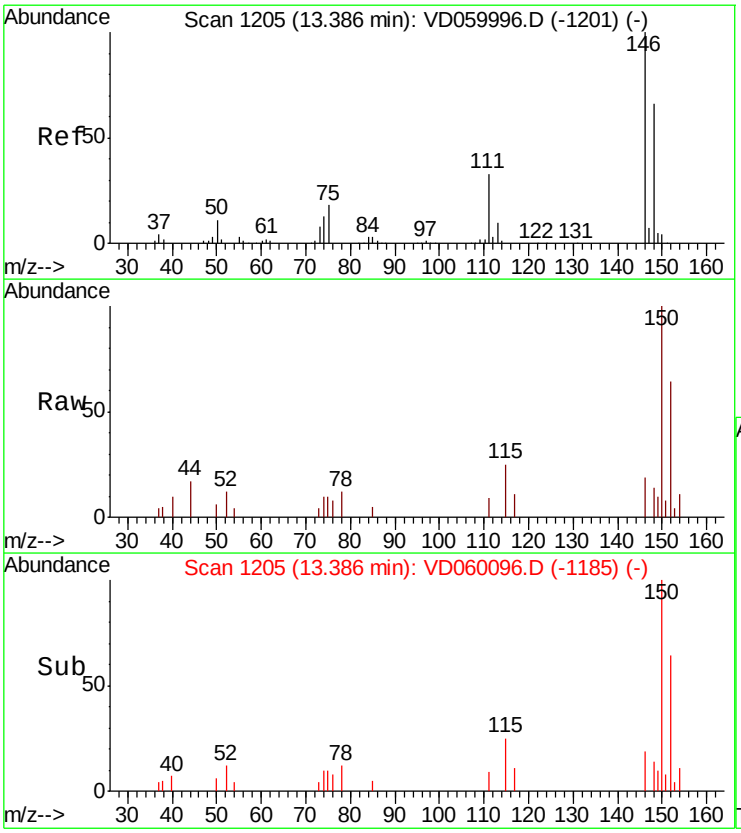
#87
1,3-Dichlorobenzene
Concen: 1.117 ug/l
RT: 13.31 min Scan# 1197
Delta R.T. 0.01 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Instrument : MSVOA_D
ClientSampleId : FK-PS-01-042

Tgt Ion:146 Resp: 1759

Ion	Ratio	Lower	Upper
146	100		
111	30.7	20.2	60.5
148	67.3	32.0	96.2

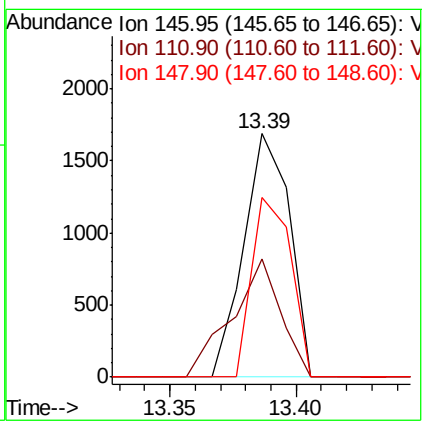


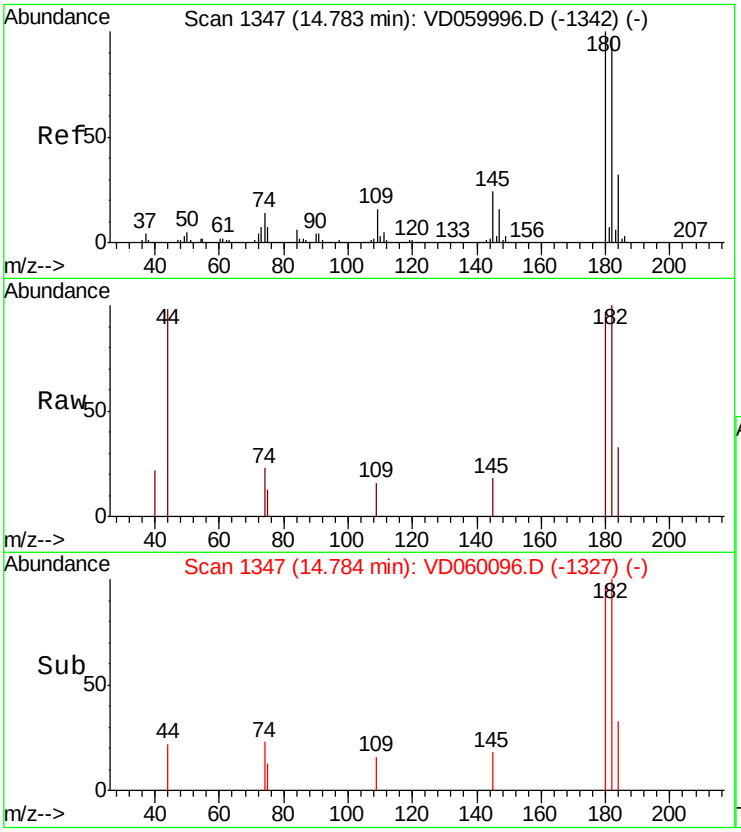


#88
1,4-Dichlorobenzene
Concen: 1.337 ug/l
RT: 13.39 min Scan# 1205
Delta R.T. 0.00 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Tgt Ion:146 Resp: 2136

Ion	Ratio	Lower	Upper
146	100		
111	48.4	16.7	50.0
148	73.8	32.9	98.6



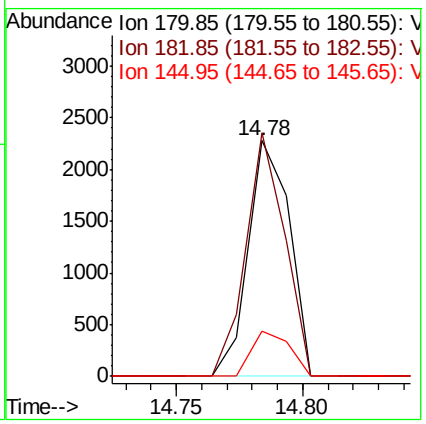


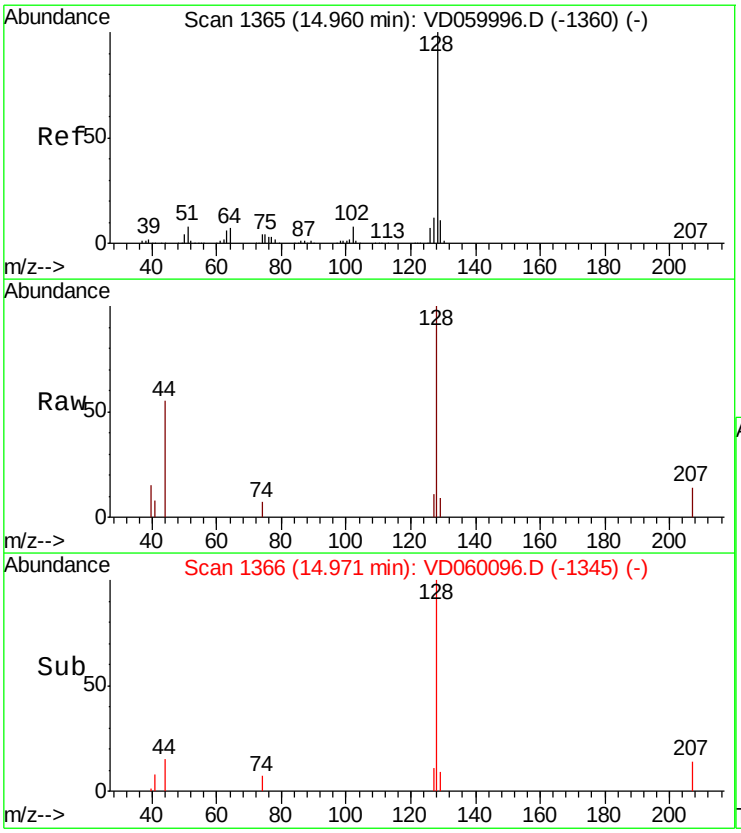
#93
1,2,4-Trichlorobenzene
Concen: 2.315 ug/l
RT: 14.78 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-042

Tgt Ion:180 Resp: 2598

Ion	Ratio	Lower	Upper
180	100		
182	103.2	48.5	145.6
145	18.9	11.9	35.7

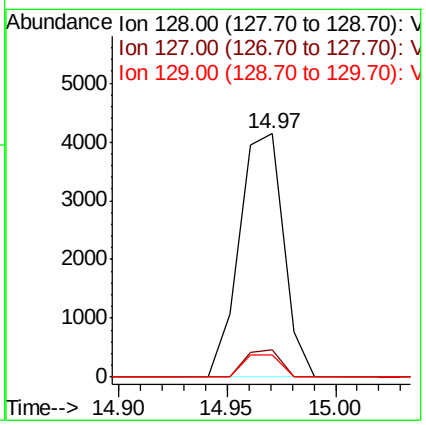


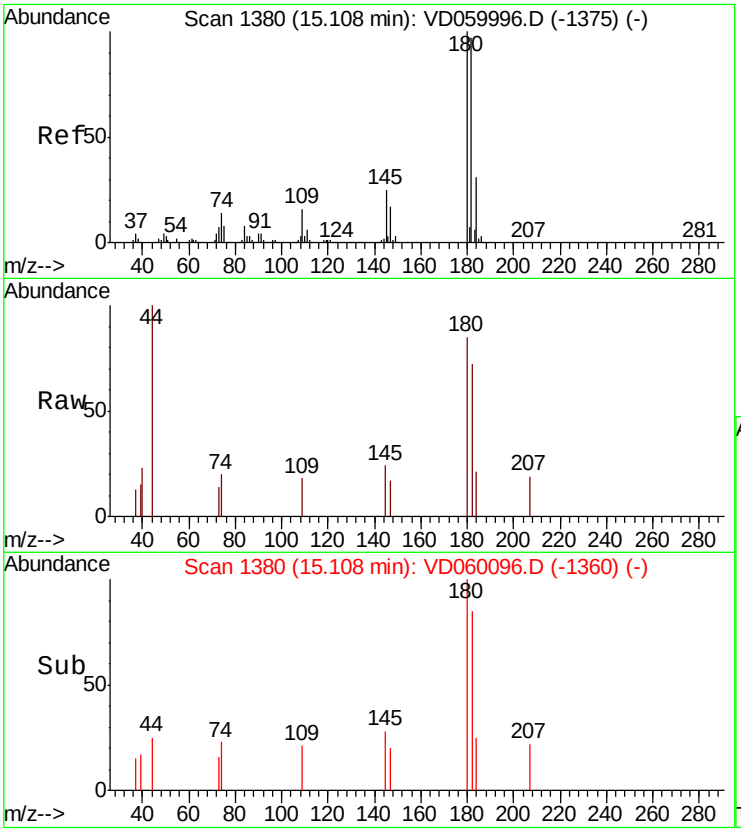


#95
Naphthalene
Concen: 3.391 ug/l
RT: 14.97 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Tgt Ion:128 Resp: 5877

Ion	Ratio	Lower	Upper
128	100		
127	11.1	9.7	14.5
129	9.3	8.9	13.3





#96
1,2,3-Trichlorobenzene
Concen: 2.600 ug/l
RT: 15.11 min Scan# 1380
Delta R.T. 0.00 min
Lab File: VD060096.D
Acq: 28 Sep 2018 14:34

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-042

Tgt Ion:180 Resp: 2571

Ion	Ratio	Lower	Upper
180	100		
182	84.5	48.6	145.9
145	27.9	12.7	38.1