Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091718\
Data File : VD060022.D
Acq On : 17 Sep 2018 15:37
Operator : JC/SY
Sample : J4773-01RE
Misc : 6.58g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CL-01-091418-ARE

Quant Time: Sep 18 04:40:03 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	1300391	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	1835556	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1409740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	605482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	462727	45.63	ug/l	0.02
Spiked Amount 50.000			Recovery = 91.26%			
35) Dibromofluoromethane	6.32	113	617772	43.08	ug/l	0.02
Spiked Amount 50.000			Recovery = 86.16%			
50) Toluene-d8	9.45	98	1669234	42.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.00%			
62) 4-Bromofluorobenzene	12.42	95	568711	37.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 74.92%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.95	59	3998	4.886	ug/l #	74
16) Acetone	3.15	43	100478	51.319	ug/l	99
20) Methylene Chloride	3.71	84	141971	3.485	ug/l	98
25) 2-Butanone	5.61	43	31962	6.050	ug/l	99
29) Tetrahydrofuran	5.96	42	3136	1.107	ug/l #	47
31) Cyclohexane	6.40	56	32615	1.448	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	87866	4.819	ug/l #	46
37) Ethyl Acetate	5.61	43	31962	2.549	ug/l #	77
38) Carbon Tetrachloride	6.40	117	99374	5.838	ug/l #	16
40) Benzene	6.78	78	52238	1.124	ug/l	95
51) 4-Methyl-2-Pentanone	9.34	43	1834	Below Cal		93
52) Toluene	9.55	92	53193	1.786	ug/l	99
59) 2-Hexanone	10.48	43	1759	Below Cal		71
68) m/p-Xylenes	11.55	106	22677	1.259	ug/l	89
76) 1,2,3-Trichloropropane	12.42	75	192402	20.806	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.42	75	229176	82.099	ug/l #	15
89) n-Butylbenzene	13.64	91	3969	Below Cal #		89
91) 1,2-Dichlorobenzene	13.66	146	535	Below Cal #		55
95) Naphthalene	14.97	128	452946	20.690	ug/l	99

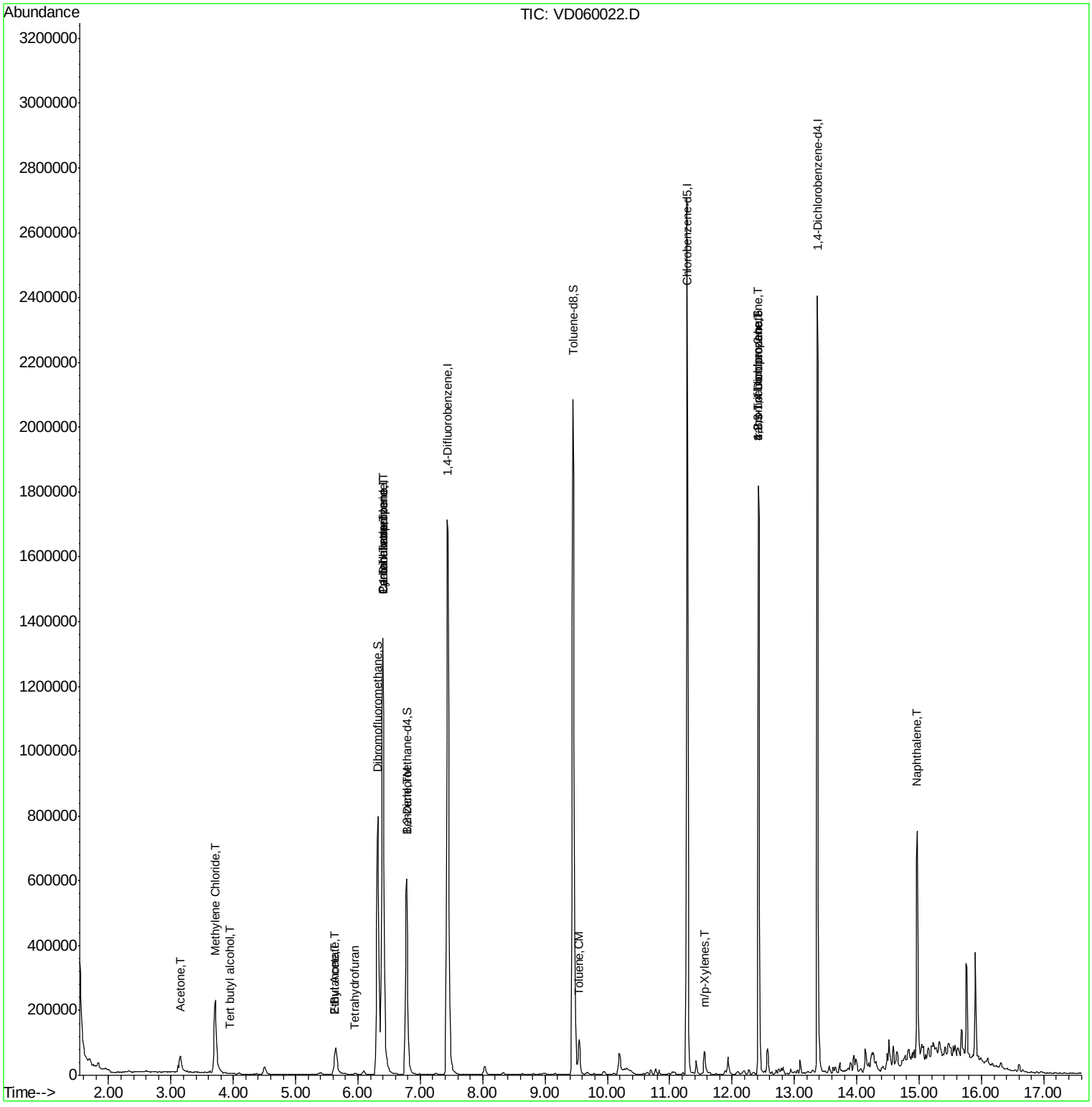
(#) = qualifier out of range (m) = manual integration (+) = signals summed

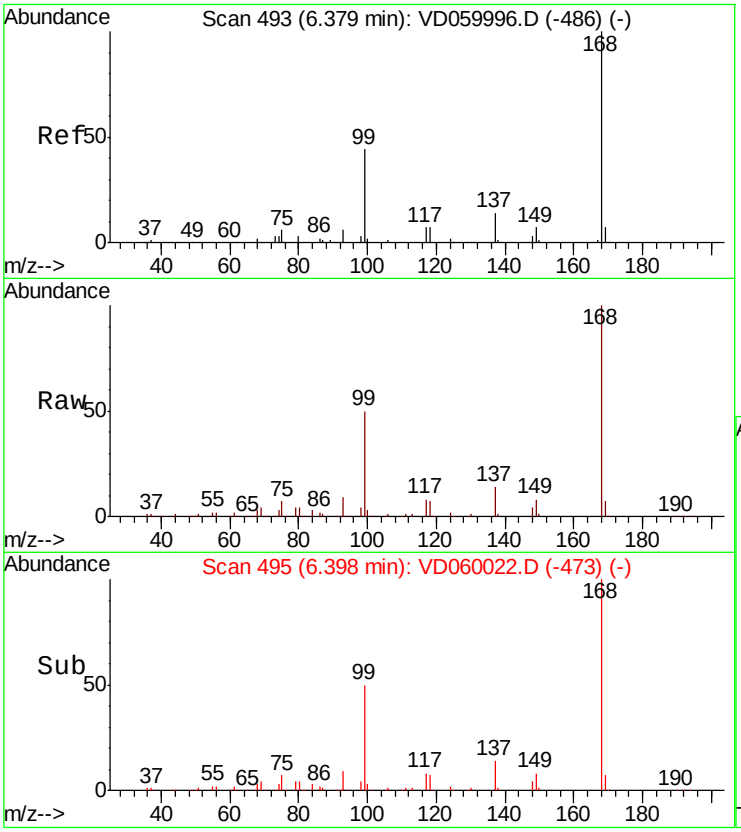
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091718\
Data File : VD060022.D
Acq On : 17 Sep 2018 15:37
Operator : JC/SY
Sample : J4773-01RE
Misc : 6.58g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

Quant Time: Sep 18 04:40:03 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



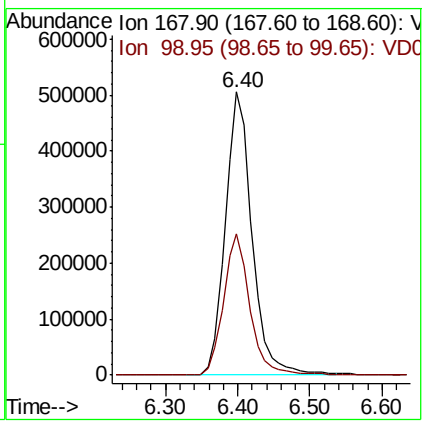


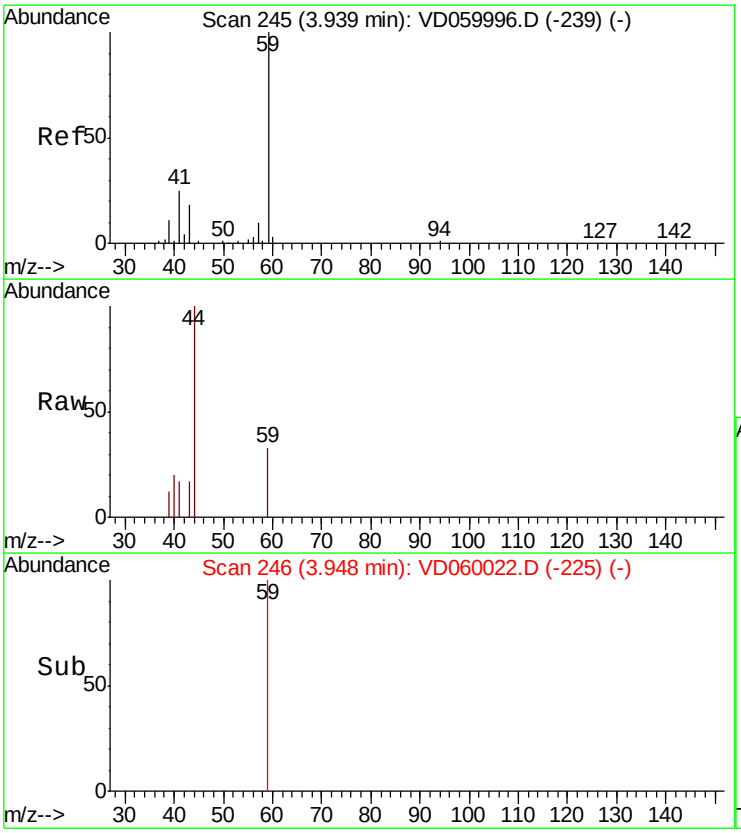
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.40 min Scan# 495
Delta R.T. 0.02 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

Tgt Ion:168 Resp: 1300391

Ion	Ratio	Lower	Upper
168	100		
99	49.7	38.5	57.7

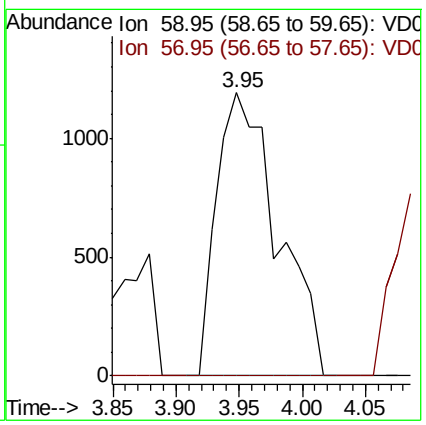


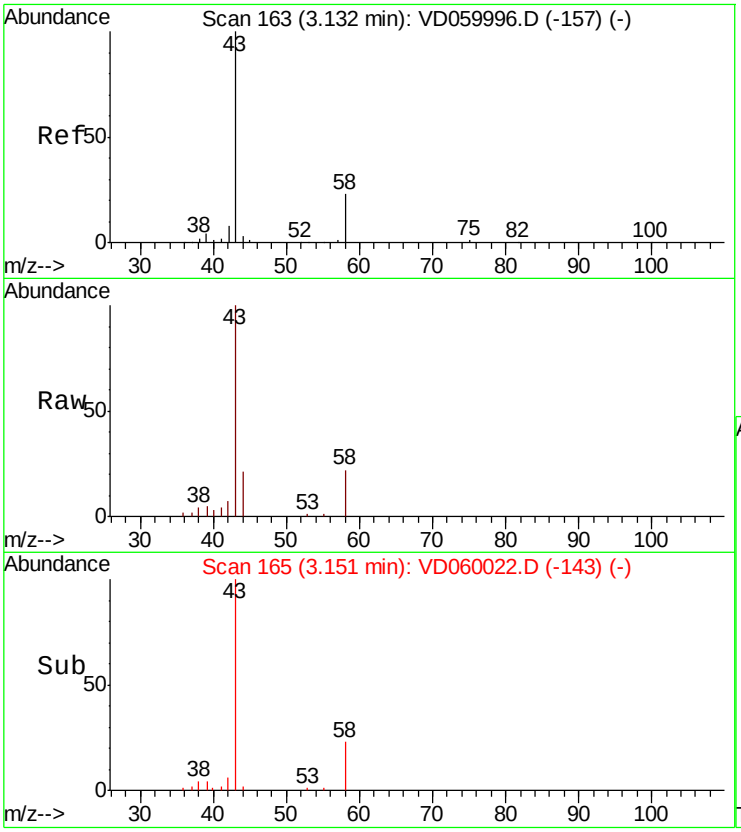


#11
Tert butyl alcohol
Concen: 4.886 ug/l
RT: 3.95 min Scan# 246
Delta R.T. 0.01 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion: 59 Resp: 3998

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#



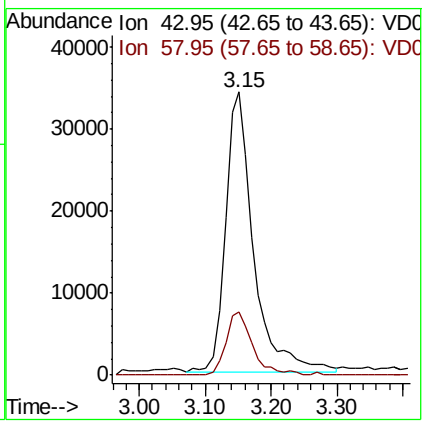


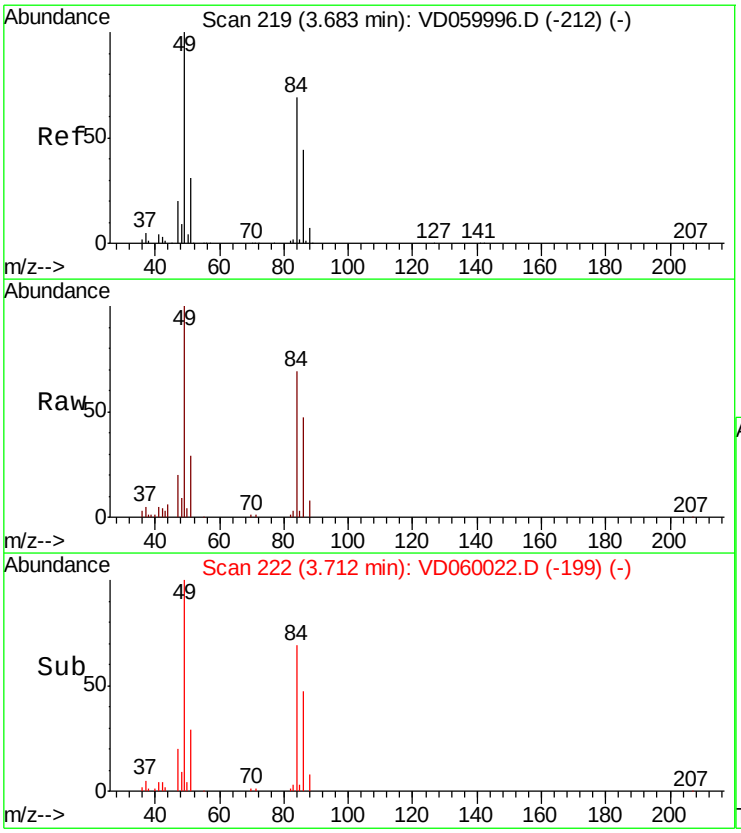
#16
Acetone
Concen: 51.319 ug/l
RT: 3.15 min Scan# 165
Delta R.T. 0.02 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument : MSVOA_D
ClientSampleId : CL-01-091418-ARE

Tgt Ion: 43 Resp: 100478

Ion	Ratio	Lower	Upper
43	100		
58	22.3	18.1	27.1

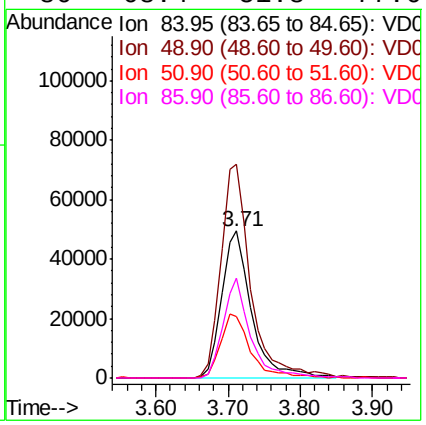


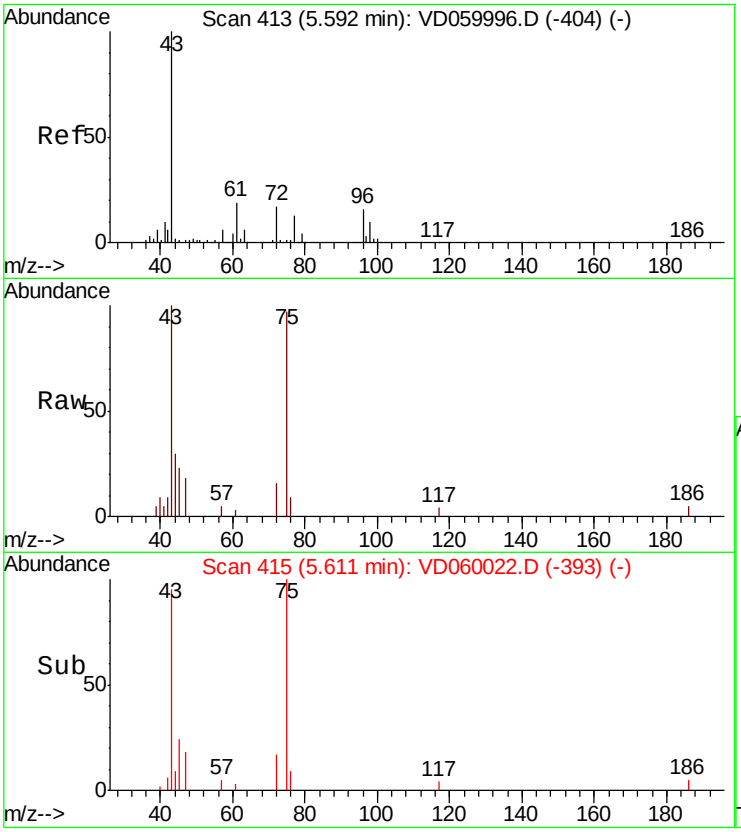


#20
Methylene Chloride
Concen: 3.485 ug/l
RT: 3.71 min Scan# 222
Delta R.T. 0.03 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion: 84 Resp: 141971

Ion	Ratio	Lower	Upper
84	100		
49	145.4	116.6	175.0
51	41.7	35.9	53.9
86	68.4	51.8	77.6



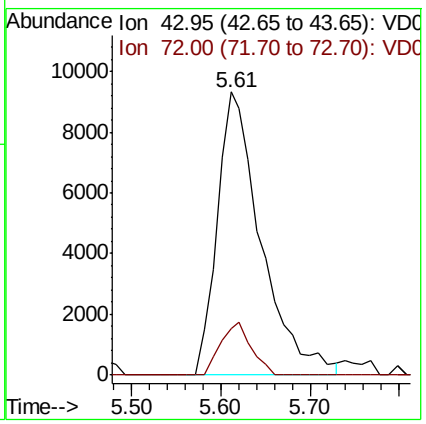


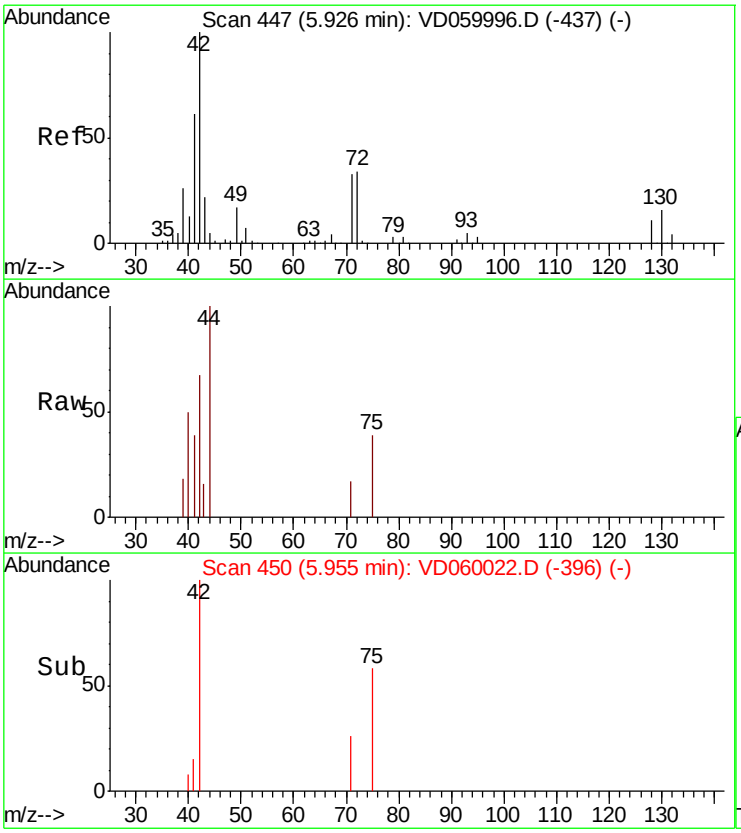
#25
2-Butanone
Concen: 6.050 ug/l
RT: 5.61 min Scan# 415
Delta R.T. 0.02 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

Tgt Ion: 43 Resp: 31962

Ion	Ratio	Lower	Upper
43	100		
72	16.4	13.6	20.4

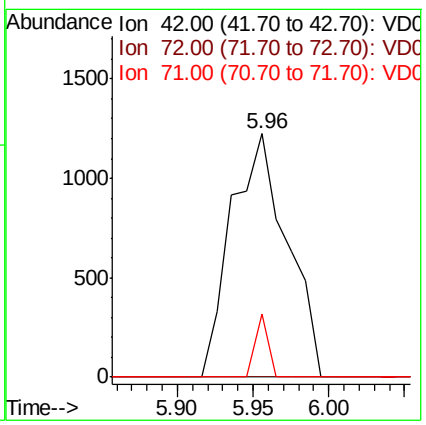


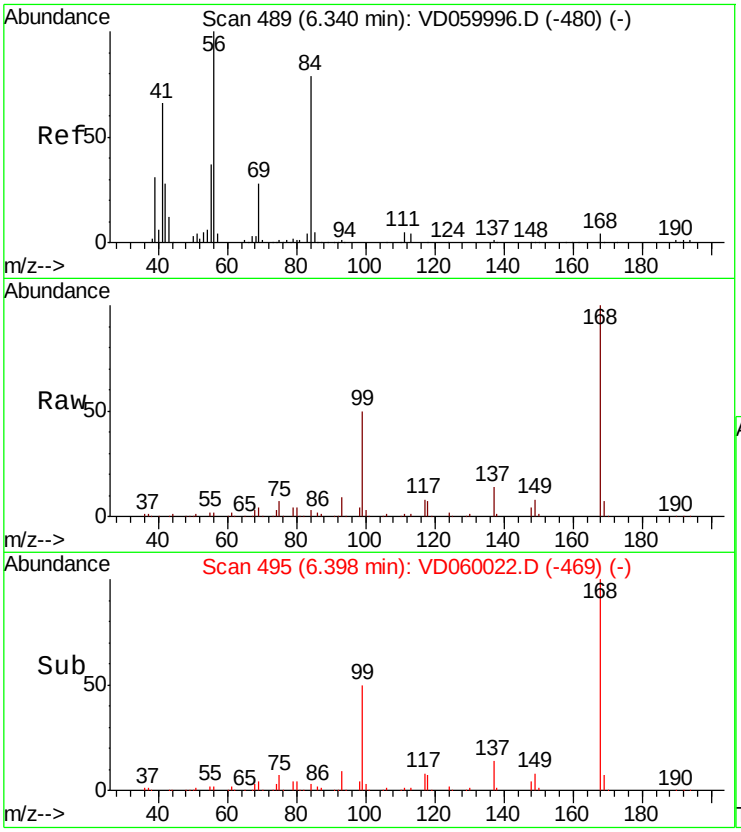


#29
Tetrahydrofuran
Concen: 1.107 ug/l
RT: 5.96 min Scan# 450
Delta R.T. 0.03 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion: 42 Resp: 3136

Ion	Ratio	Lower	Upper
42	100		
72	0.0	26.9	40.3#
71	6.0	26.2	39.4#



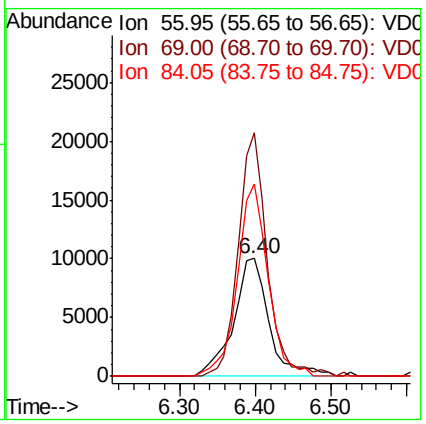


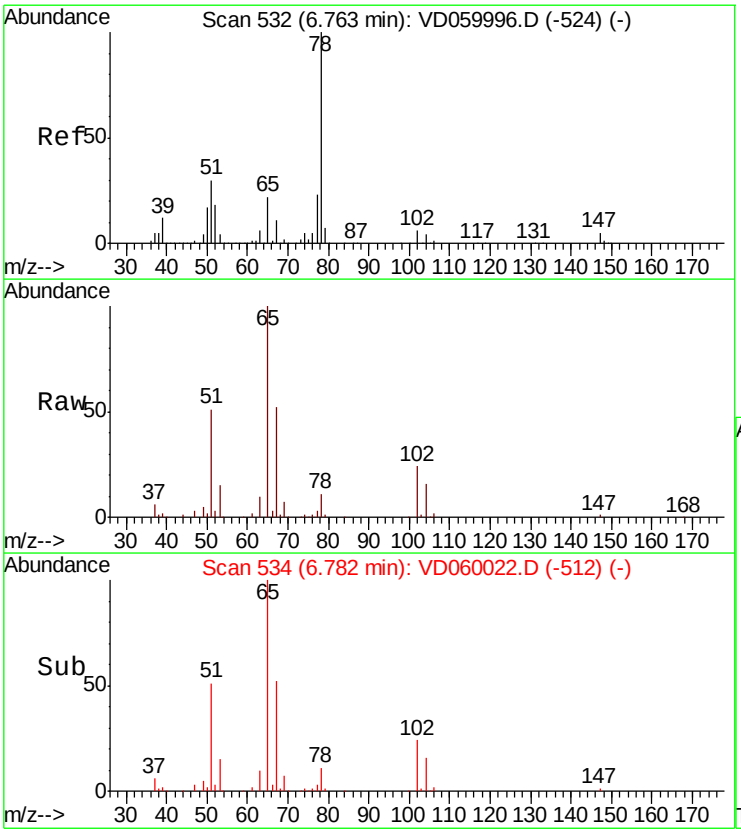
#31
Cyclohexane
Concen: 1.448 ug/l
RT: 6.40 min Scan# 495
Delta R.T. 0.06 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument : MSVOA_D
ClientSampleId : CL-01-091418-ARE

Tgt Ion: 56 Resp: 32615

Ion	Ratio	Lower	Upper
56	100		
69	206.5	22.7	34.1#
84	163.2	64.0	96.0#

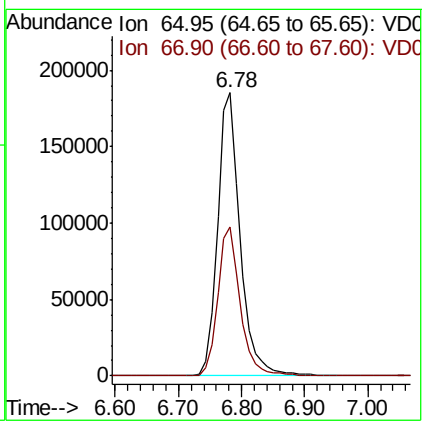


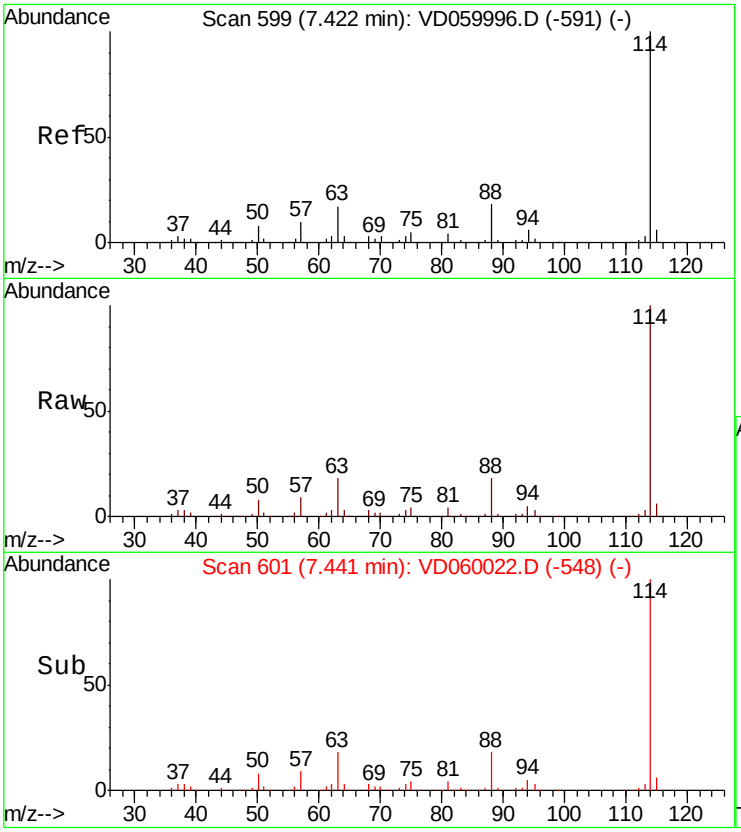


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.02 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion: 65 Resp: 462727

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.8



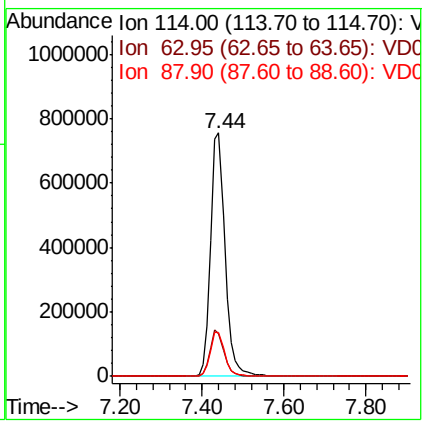


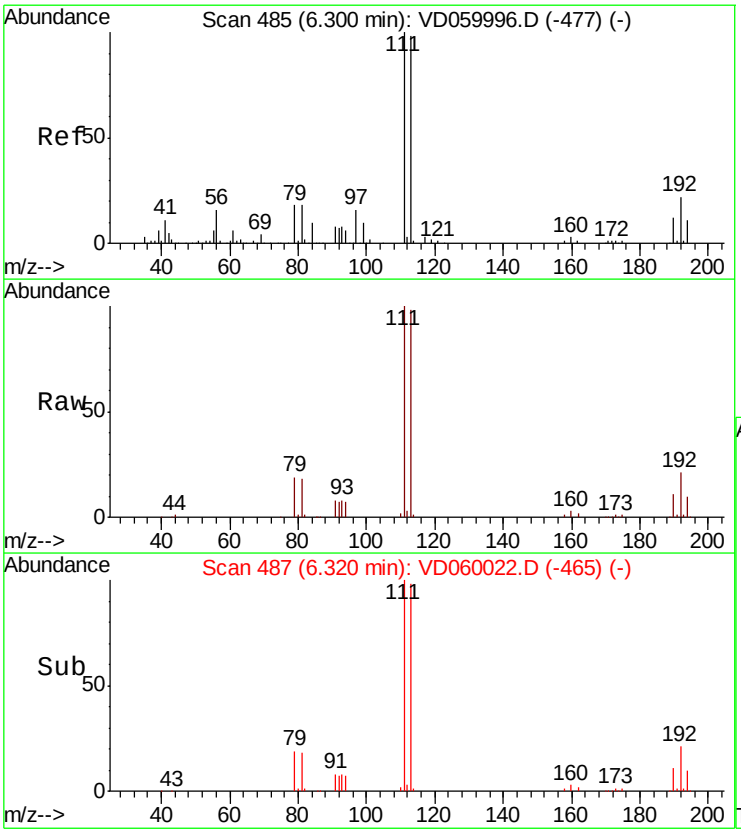
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.44 min Scan# 601
Delta R.T. 0.02 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

Tgt Ion:114 Resp: 1835556

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	34.4
88	18.3	0.0	35.8

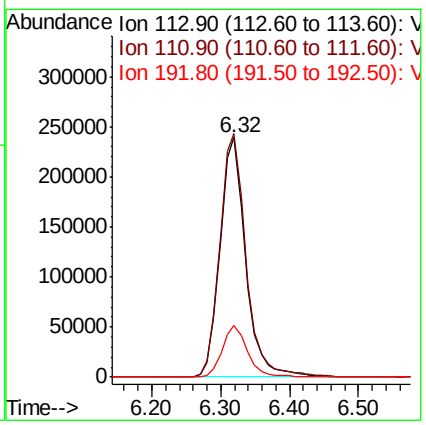


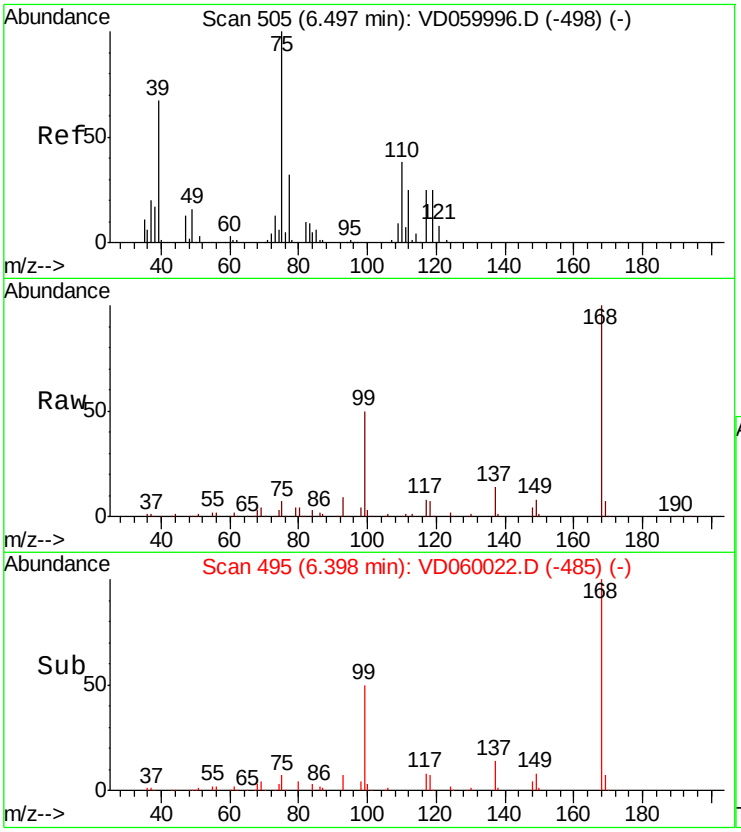


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 487
Delta R.T. 0.02 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion:113 Resp: 617772

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.3	121.9
192	21.6	18.1	27.1



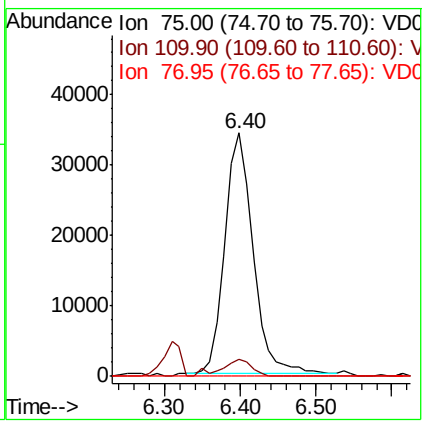


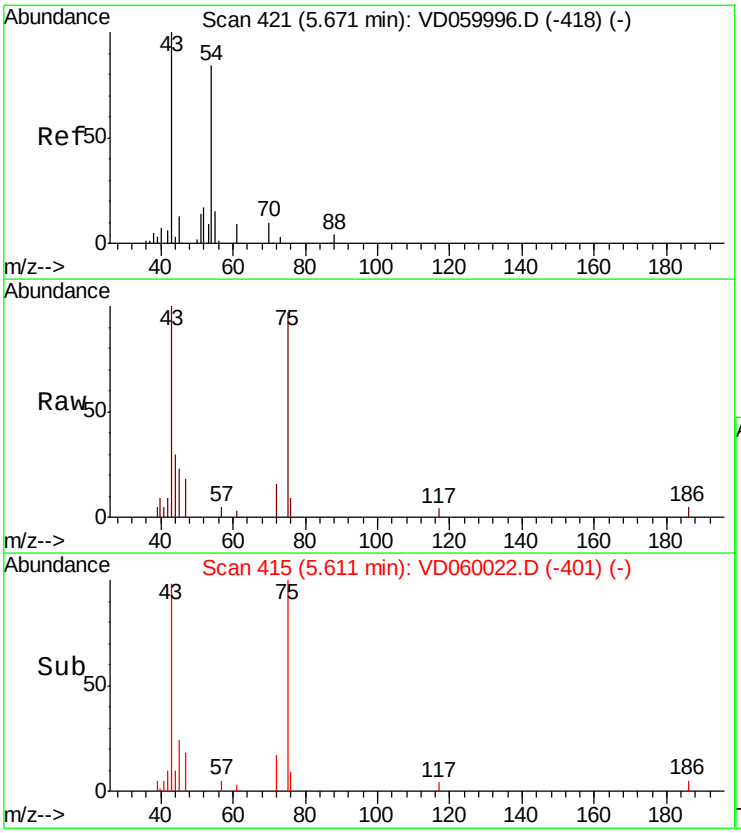
#36
1,1-Dichloropropene
Concen: 4.819 ug/l
RT: 6.40 min Scan# 495
Delta R.T. -0.10 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

Tgt Ion: 75 Resp: 87866

Ion	Ratio	Lower	Upper
75	100		
110	6.9	18.9	56.9#
77	0.0	25.3	37.9#

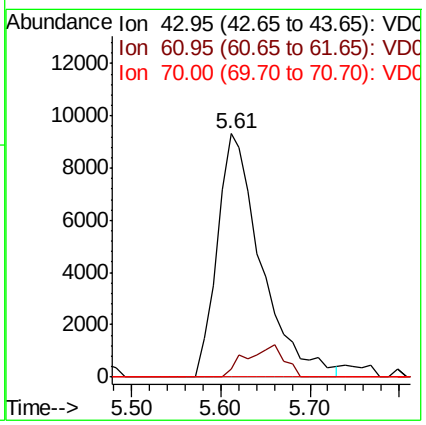


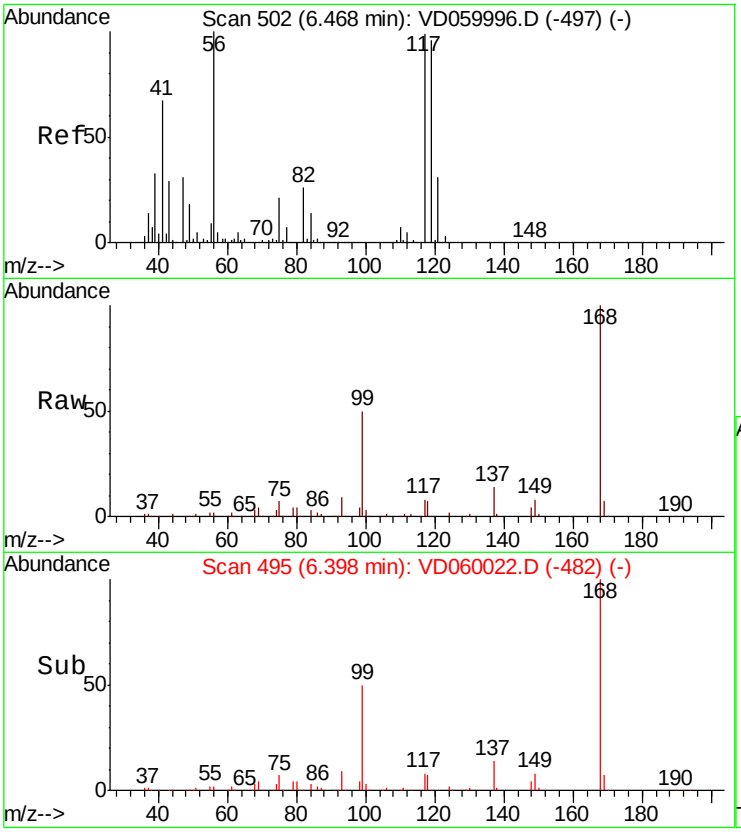


#37
Ethyl Acetate
Concen: 2.549 ug/l
RT: 5.61 min Scan# 415
Delta R.T. -0.06 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion: 43 Resp: 31962

Ion	Ratio	Lower	Upper
43	100		
61	3.3	10.2	15.2#
70	0.0	6.1	9.1#



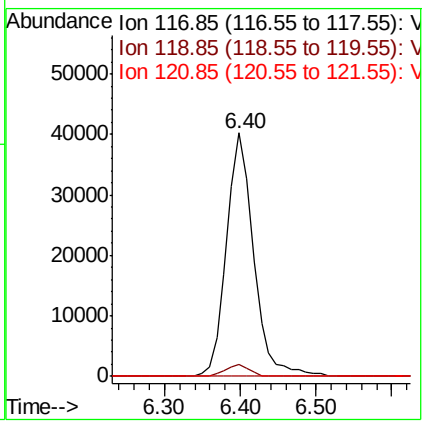


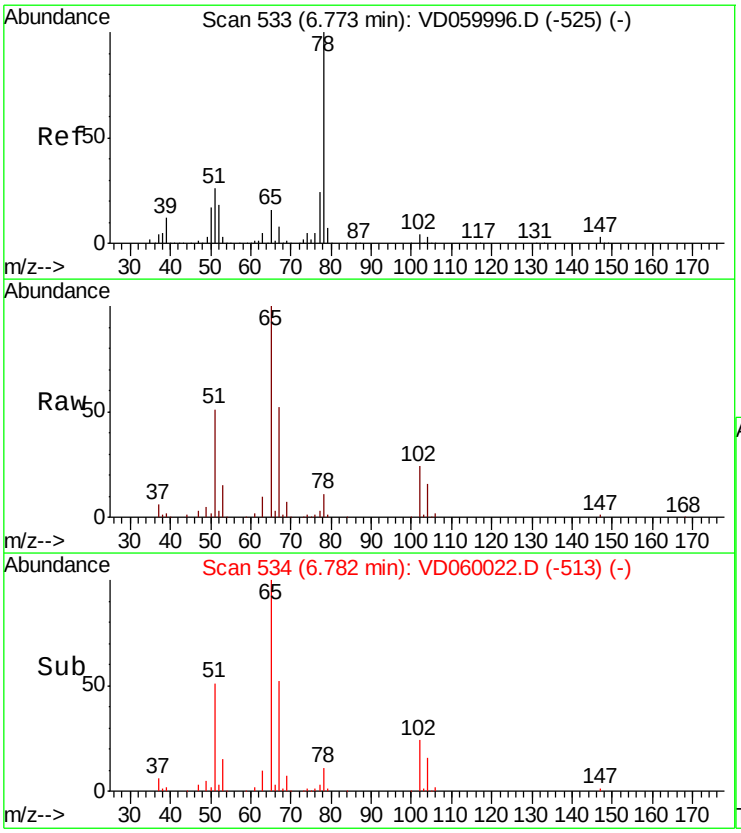
#38
Carbon Tetrachloride
Concen: 5.838 ug/l
RT: 6.40 min Scan# 495
Delta R.T. -0.07 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

Tgt Ion:117 Resp: 99374

Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.7	115.1#
121	0.0	24.9	37.3#

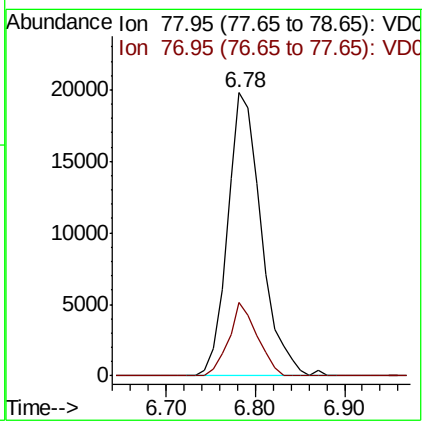


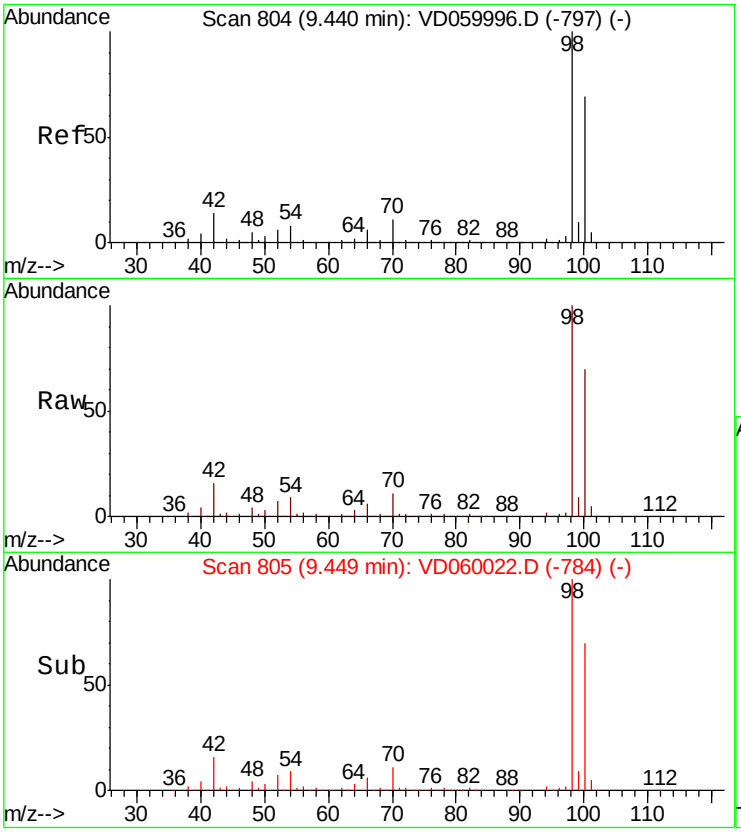


#40
Benzene
Concen: 1.124 ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.01 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion: 78 Resp: 52238

Ion	Ratio	Lower	Upper
78	100		
77	25.9	19.0	28.4



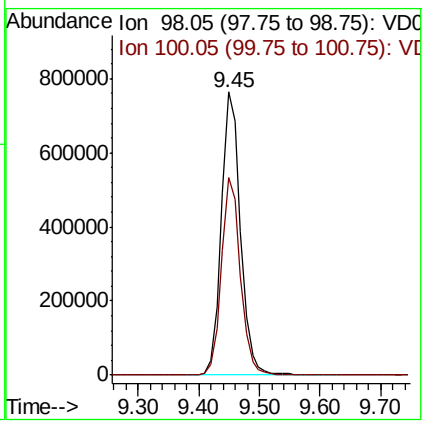


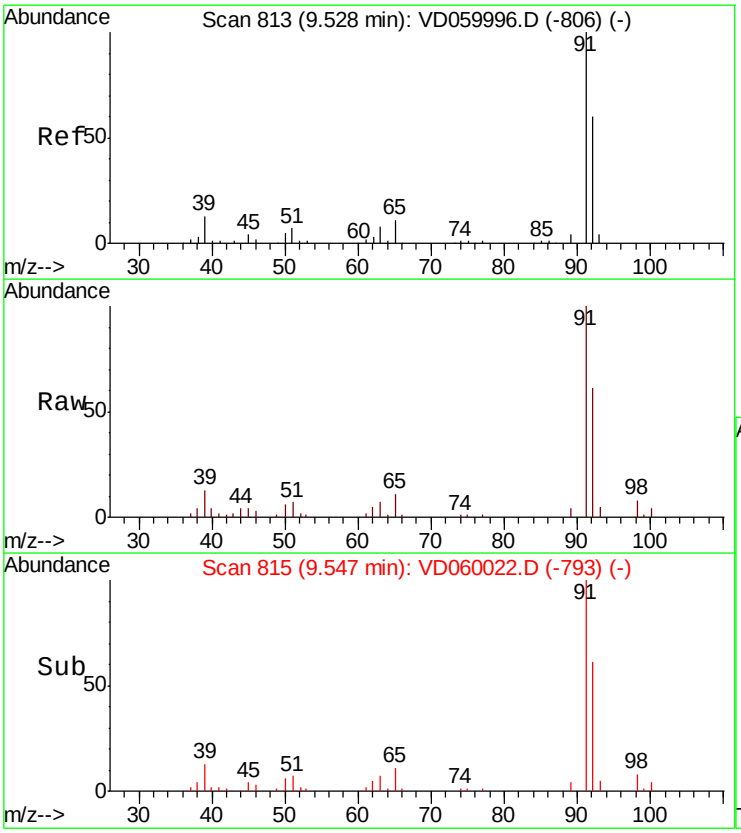
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. 0.01 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

Tgt Ion: 98 Resp: 1669234

Ion	Ratio	Lower	Upper
98	100		
100	69.7	55.8	83.6

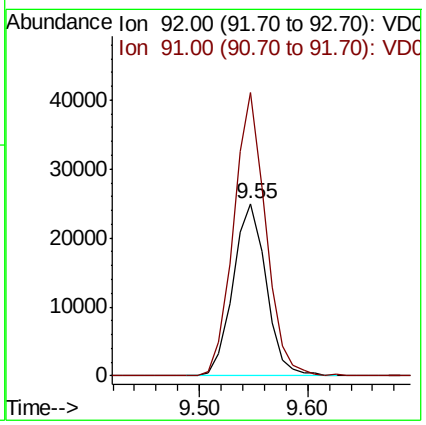


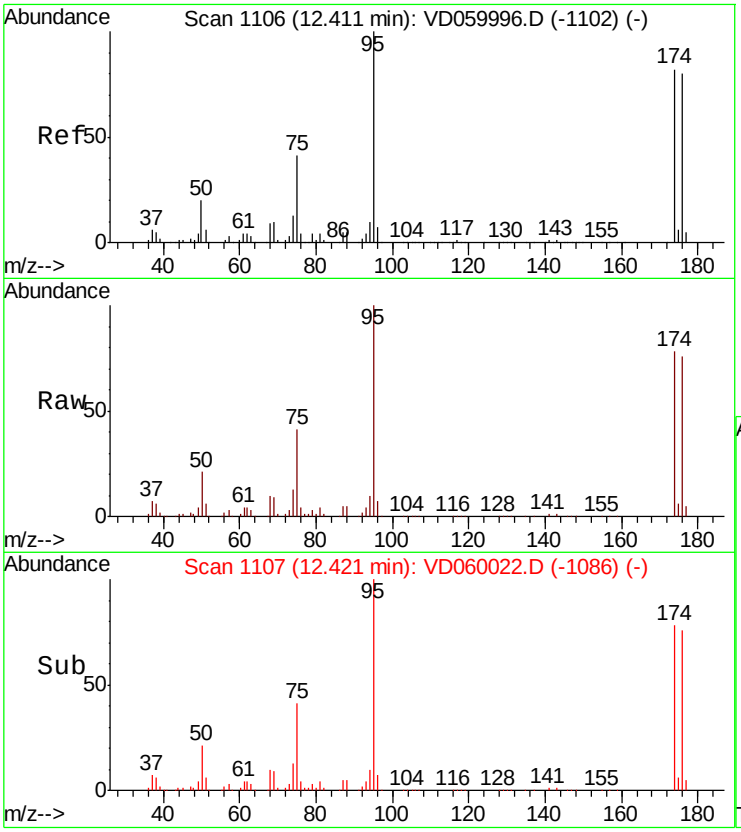


#52
Toluene
Concen: 1.786 ug/l
RT: 9.55 min Scan# 815
Delta R.T. 0.02 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion: 92 Resp: 53193

Ion	Ratio	Lower	Upper
92	100		
91	164.0	132.3	198.5



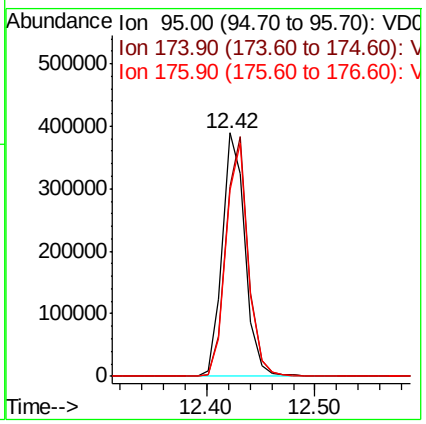


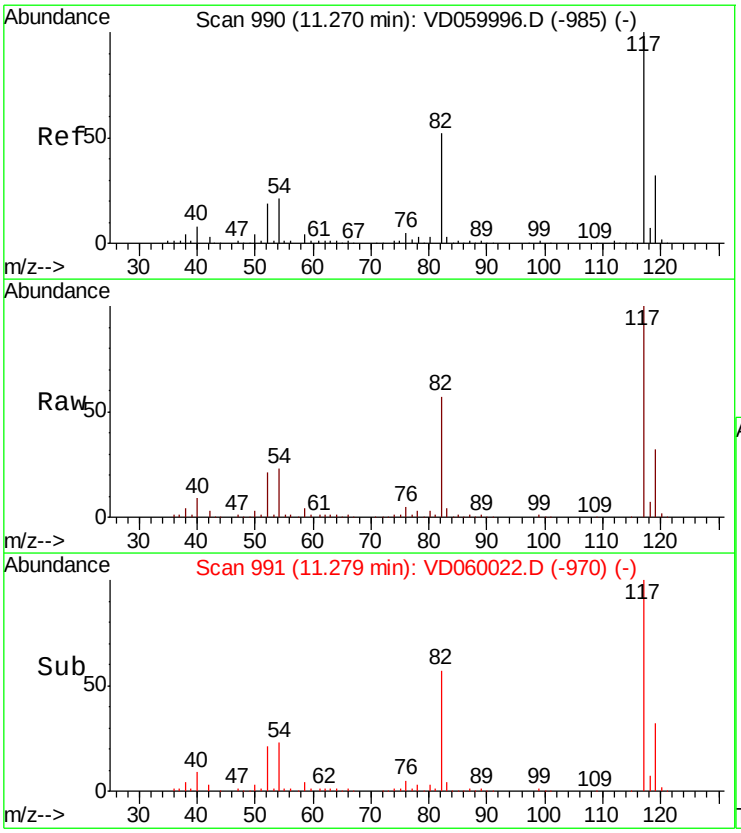
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

Tgt Ion: 95 Resp: 568711

Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	165.0
176	76.2	0.0	160.2

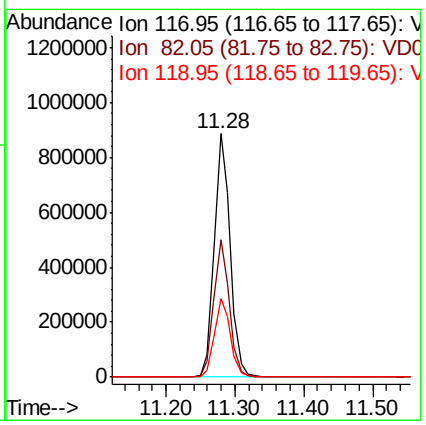


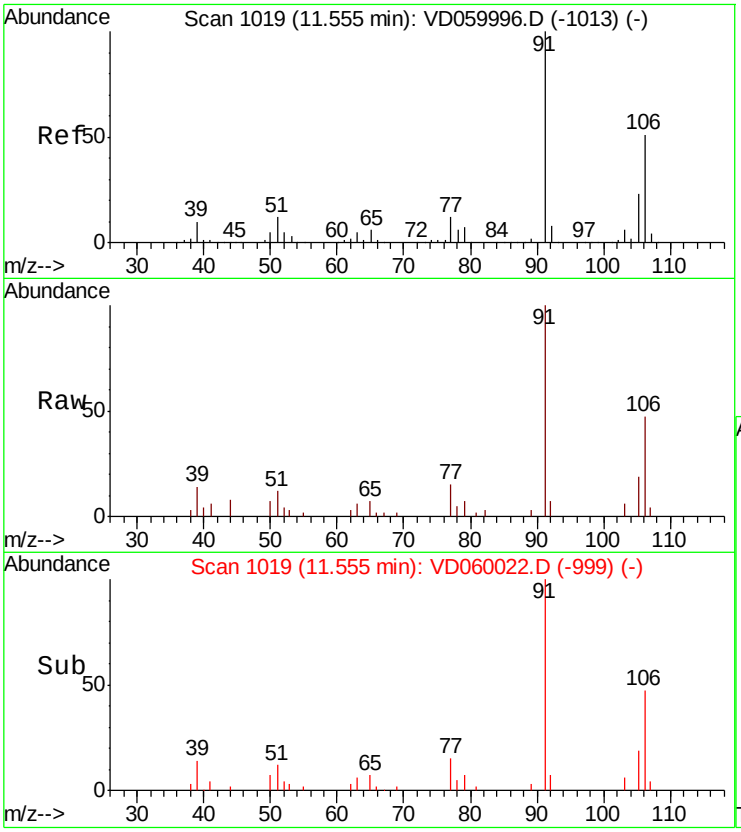


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion:117 Resp: 1409740

Ion	Ratio	Lower	Upper
117	100		
82	56.5	41.7	62.5
119	32.2	26.0	39.0



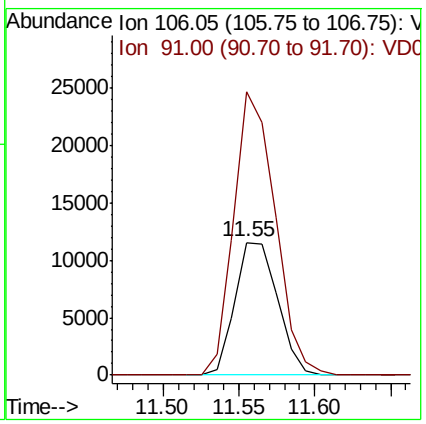


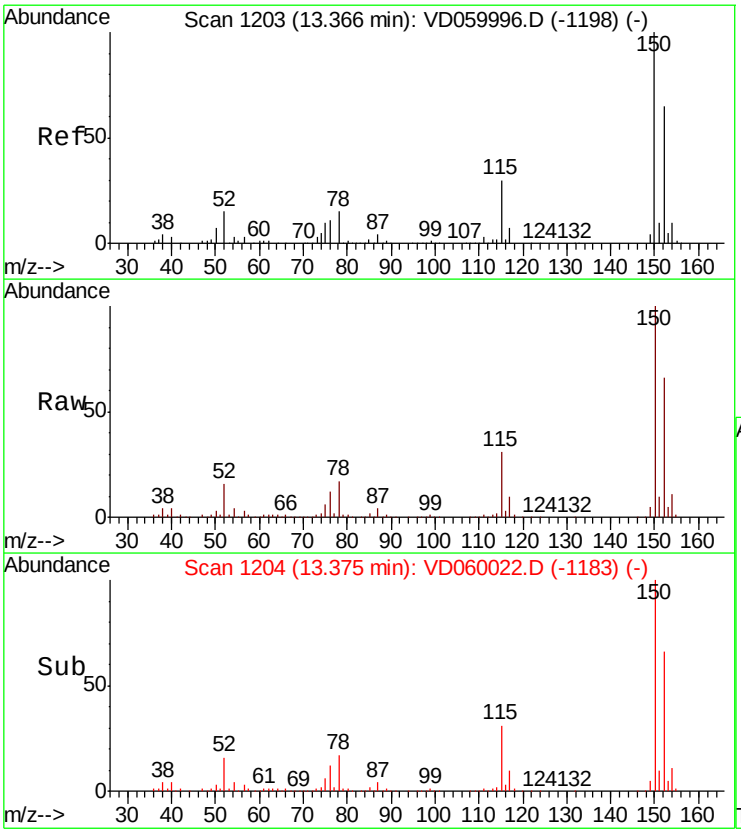
#68
m/p-Xylenes
Concen: 1.259 ug/l
RT: 11.55 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

Tgt Ion:106 Resp: 22677

Ion	Ratio	Lower	Upper
106	100		
91	213.1	157.0	235.6

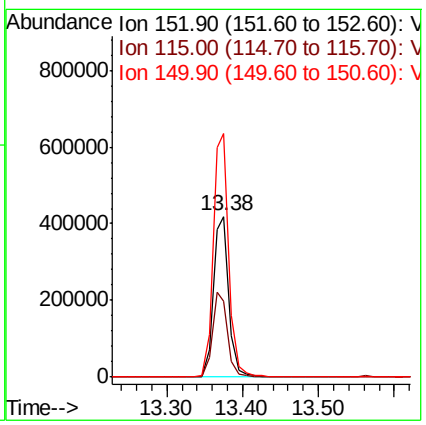


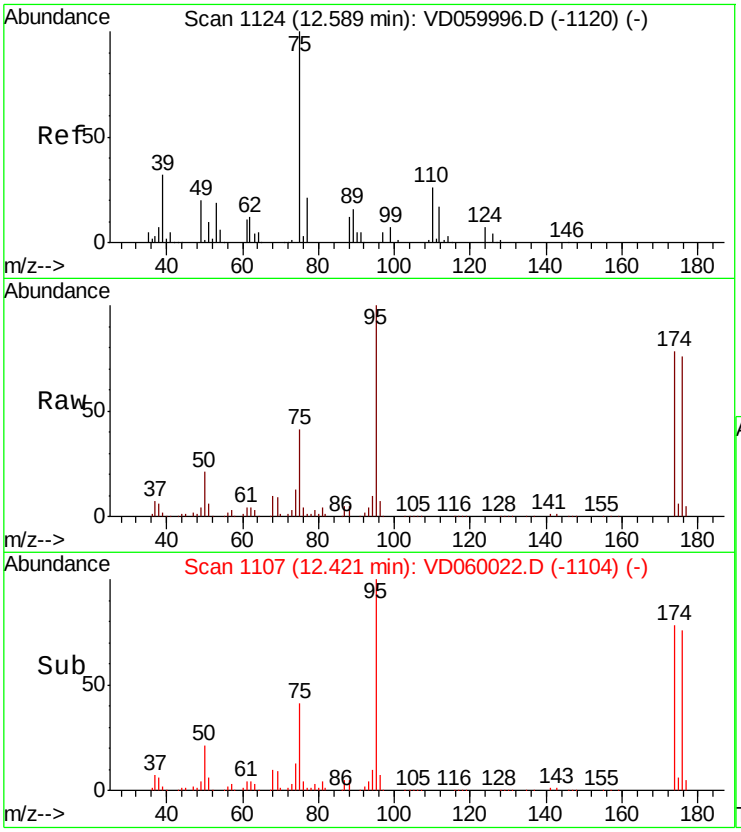


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion:152 Resp: 605482

Ion	Ratio	Lower	Upper
152	100		
115	47.2	24.6	73.8
150	151.2	0.0	313.4



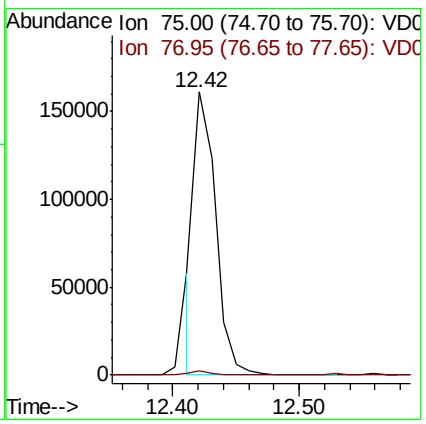


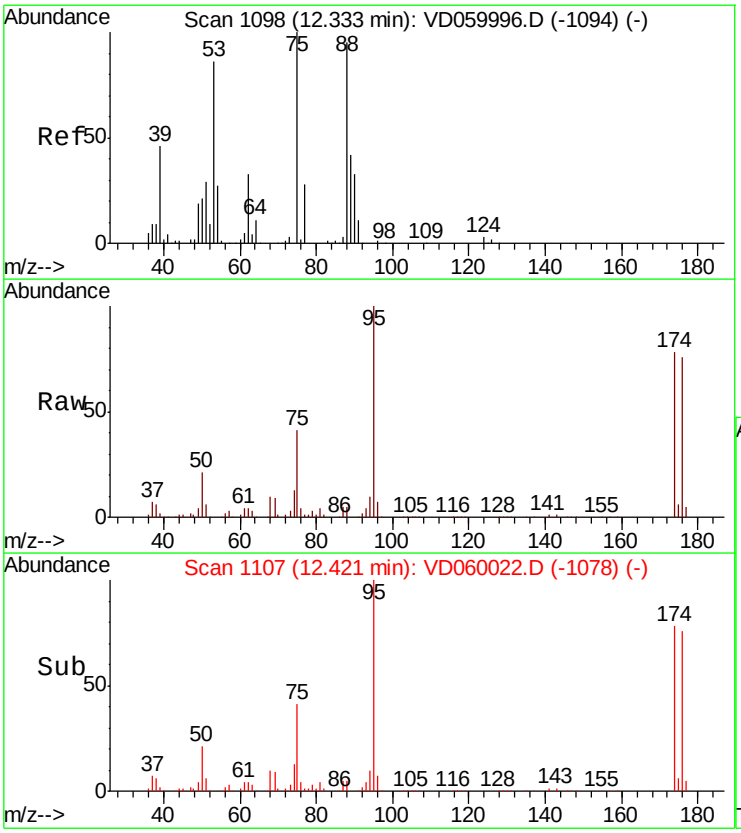
#76
1,2,3-Trichloropropane
Concen: 20.806 ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.17 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

Tgt Ion: 75 Resp: 192402

Ion	Ratio	Lower	Upper
75	100		
77	1.5	16.4	49.4#

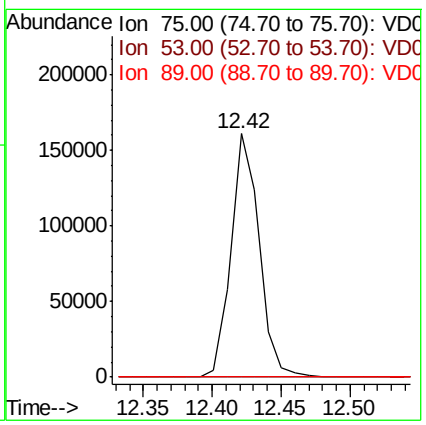


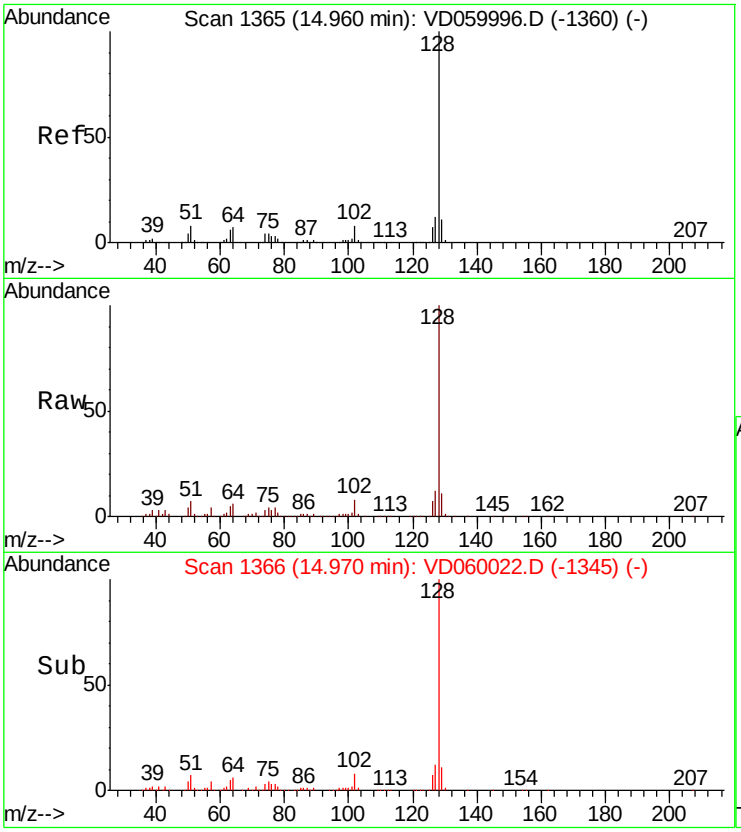


#81
trans-1,4-Dichloro-2-butene
Concen: 82.099 ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.09 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Tgt Ion: 75 Resp: 229176

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





#95
Naphthalene
Concen: 20.690 ug/l
RT: 14.97 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VD060022.D
Acq: 17 Sep 2018 15:37

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091418-ARE

Tgt Ion:128 Resp: 452946

Ion	Ratio	Lower	Upper
128	100		
127	11.9	9.7	14.5
129	10.8	8.9	13.3