Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091718\
Data File : VD060024.D
Acq On : 17 Sep 2018 16:34
Operator : JC/SY
Sample : J4773-05RE
Misc : 6.46g/5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 18 04:40:22 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	6.39	168	1206694	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.44	114	1693090	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	1311357	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	567083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	439824	46.74	ug/l	0.01
Spiked Amount 50.000			Recovery = 93.48%			
35) Dibromofluoromethane	6.32	113	503293	38.05	ug/l	0.01
Spiked Amount 50.000			Recovery = 76.10%			
50) Toluene-d8	9.45	98	1460764	39.85	ug/l	0.01
Spiked Amount 50.000			Recovery = 79.70%			
62) 4-Bromofluorobenzene	12.43	95	499554	35.67	ug/l	0.01
Spiked Amount 50.000			Recovery = 71.34%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.94	59	2724	3.587	ug/l #	74
16) Acetone	3.14	43	160281	88.220	ug/l	98
18) Methyl Acetate	3.54	43	4014	1.086	ug/l #	64
20) Methylene Chloride	3.70	84	66162	Below Cal		93
25) 2-Butanone	5.61	43	21421	4.369	ug/l #	87
29) Tetrahydrofuran	5.94	42	3792	1.442	ug/l #	86
31) Cyclohexane	6.39	56	23767	1.137	ug/l #	1
36) 1,1-Dichloropropene	6.39	75	85601	5.090	ug/l #	45
37) Ethyl Acetate	5.61	43	21421	1.852	ug/l #	72
38) Carbon Tetrachloride	6.39	117	94281	6.005	ug/l #	16
51) 4-Methyl-2-Pentanone	9.35	43	2775	Below Cal		91
59) 2-Hexanone	10.49	43	1022	Below Cal	#	30
68) m/p-Xylenes	11.56	106	20263	1.209	ug/l	82
76) 1,2,3-Trichloropropane	12.43	75	188243	21.735	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.43	75	200871	76.832	ug/l #	15
89) n-Butylbenzene	13.65	91	2931	Below Cal	#	65
91) 1,2-Dichlorobenzene	13.66	146	422	Below Cal	#	72
95) Naphthalene	14.97	128	448847	21.891	ug/l	99

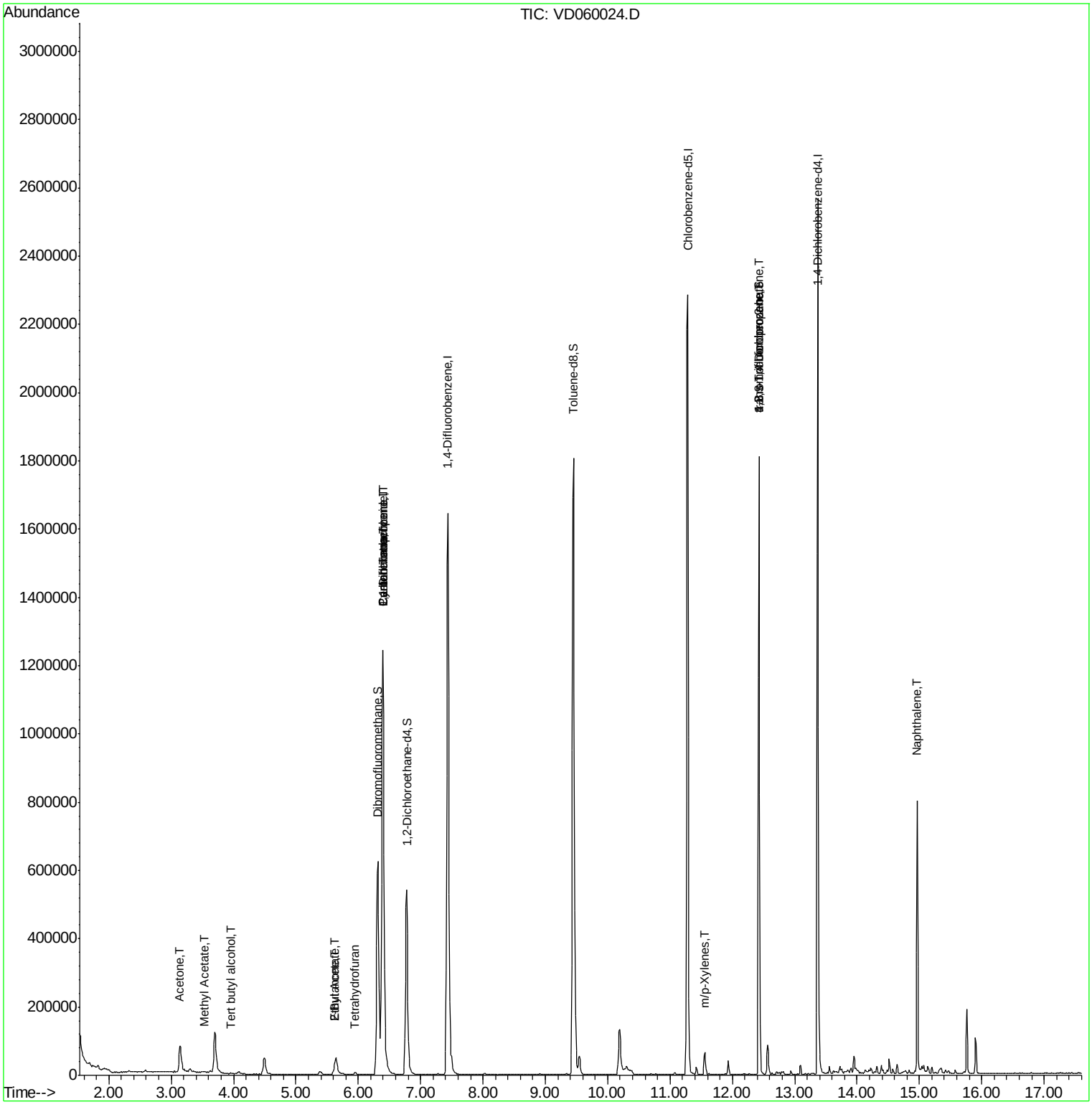
(#) = qualifier out of range (m) = manual integration (+) = signals summed

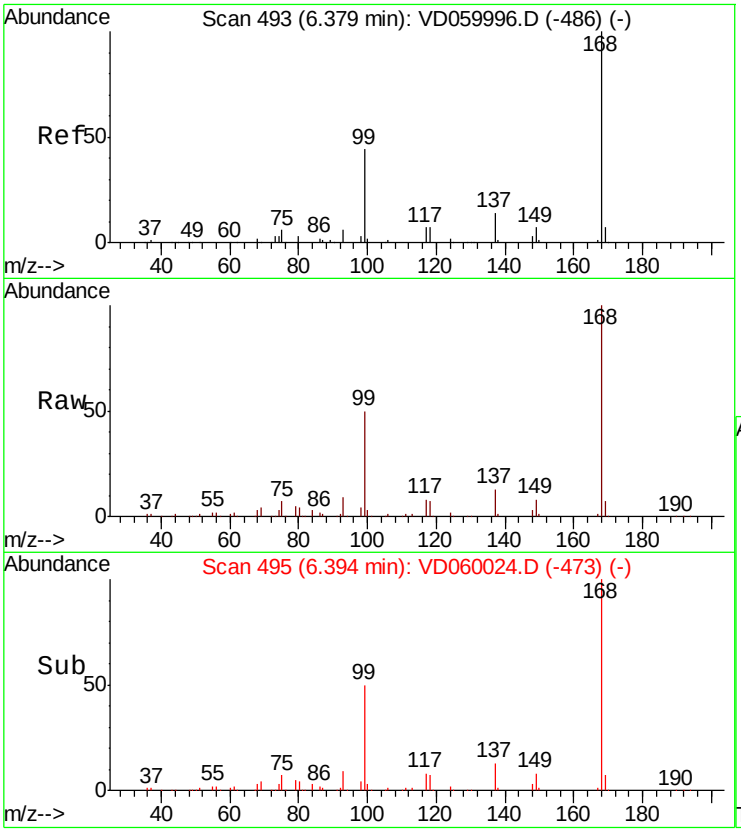
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091718\
Data File : VD060024.D
Acq On : 17 Sep 2018 16:34
Operator : JC/SY
Sample : J4773-05RE
Misc : 6.46g/5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 18 04:40:22 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



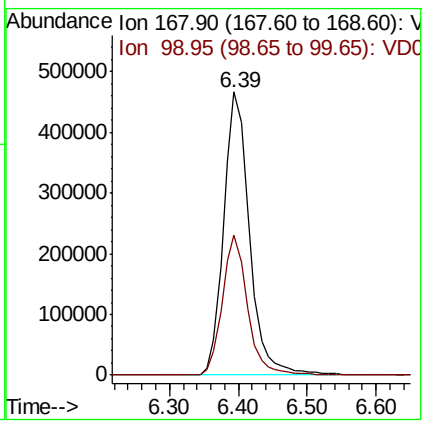


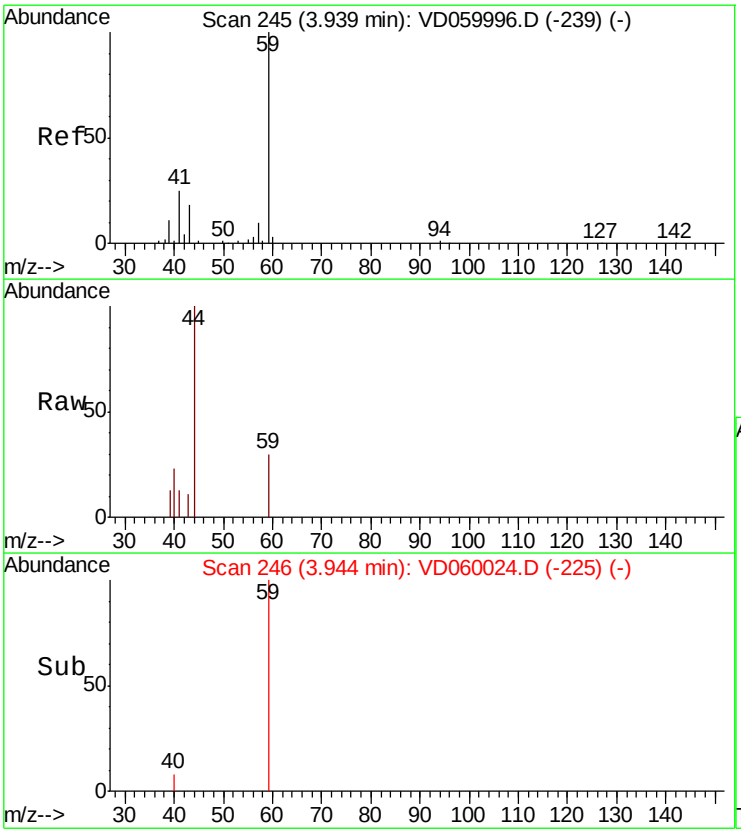
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.39 min Scan# 495
Delta R.T. 0.01 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

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

Tgt Ion:168 Resp: 1206694

Ion	Ratio	Lower	Upper
168	100		
99	49.7	38.5	57.7

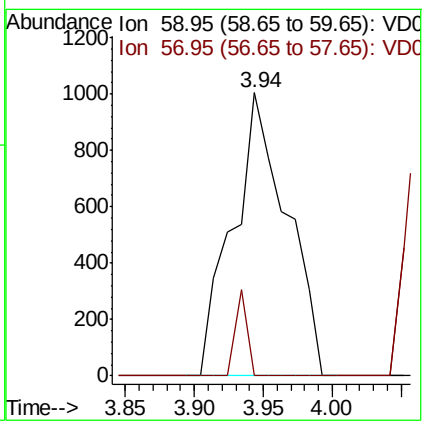


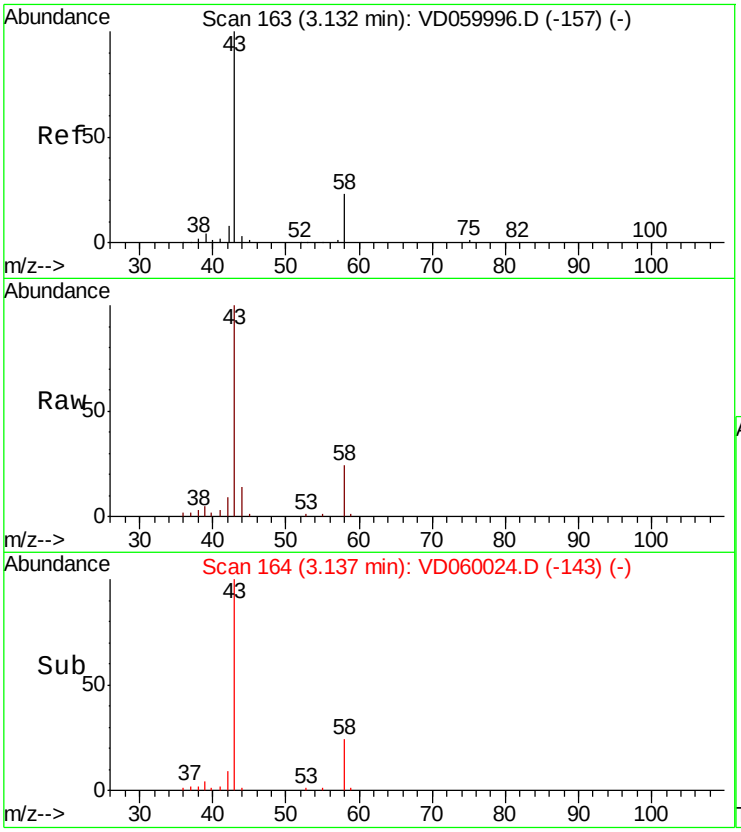


#11
Tert butyl alcohol
Concen: 3.587 ug/l
RT: 3.94 min Scan# 246
Delta R.T. 0.01 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

Tgt Ion: 59 Resp: 2724

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#



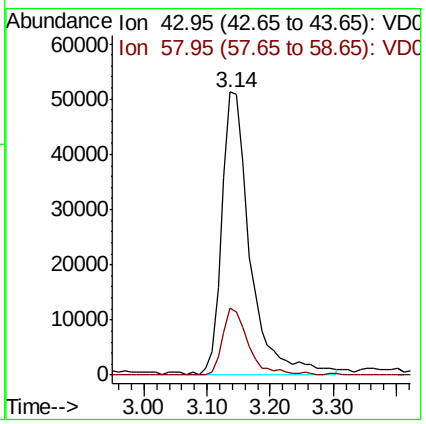


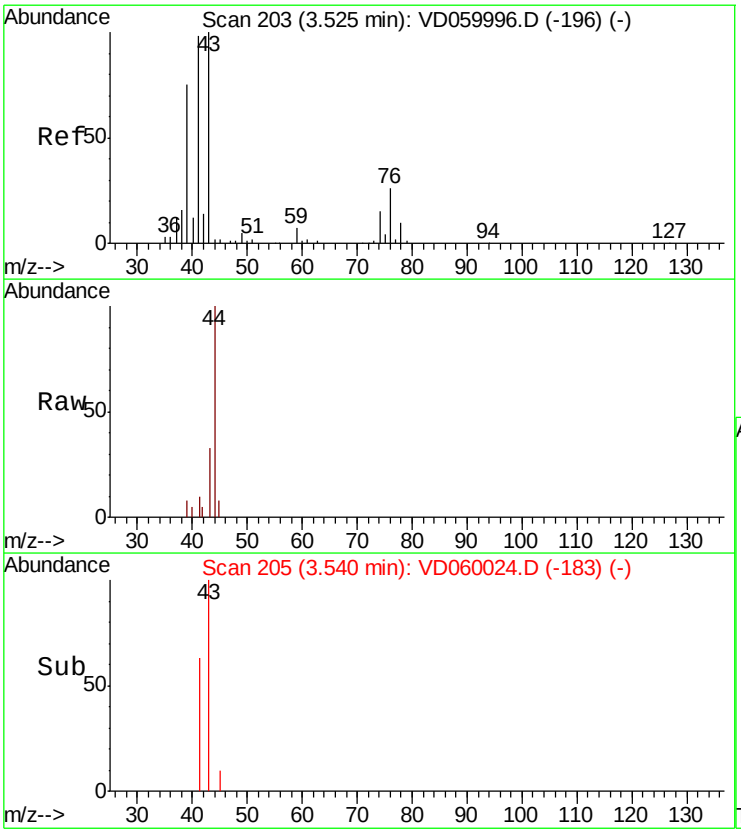
#16
Acetone
Concen: 88.220 ug/l
RT: 3.14 min Scan# 164
Delta R.T. 0.01 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

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

Tgt Ion: 43 Resp: 160281

Ion	Ratio	Lower	Upper
43	100		
58	23.6	18.1	27.1

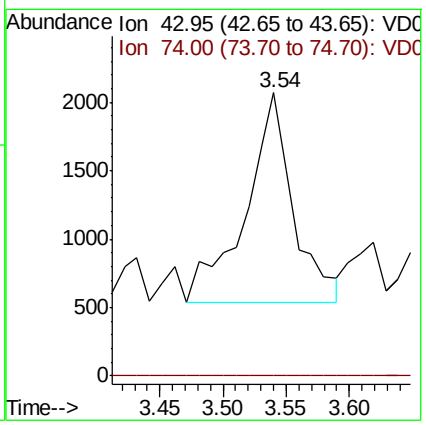


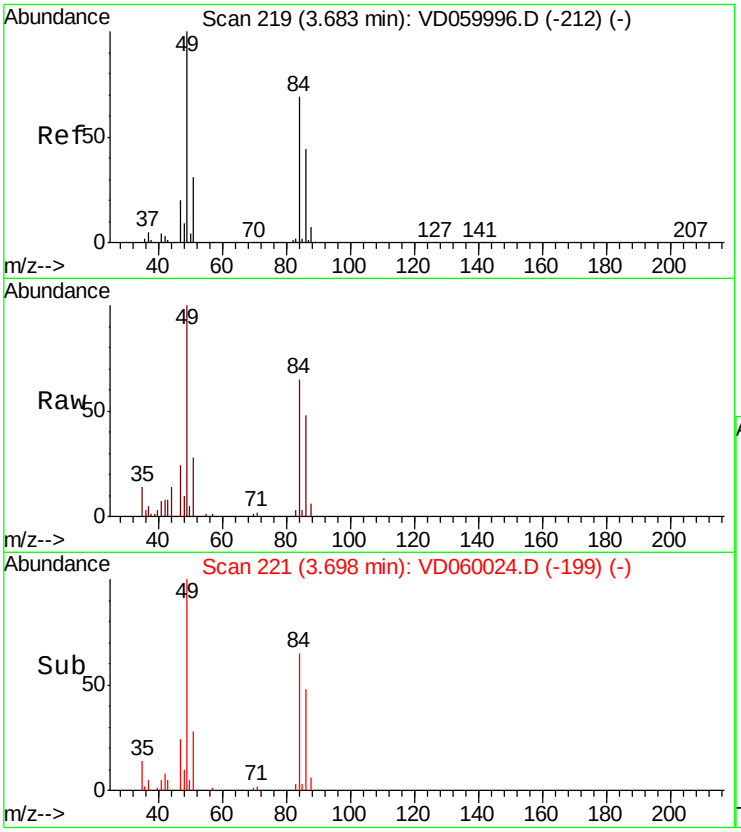


#18
Methyl Acetate
Concen: 1.086 ug/l
RT: 3.54 min Scan# 205
Delta R.T. 0.01 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

Tgt Ion: 43 Resp: 4014

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.8	17.8#



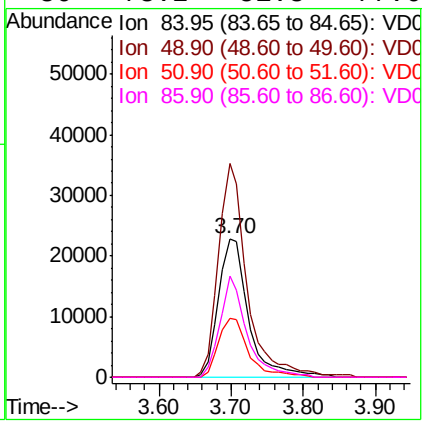


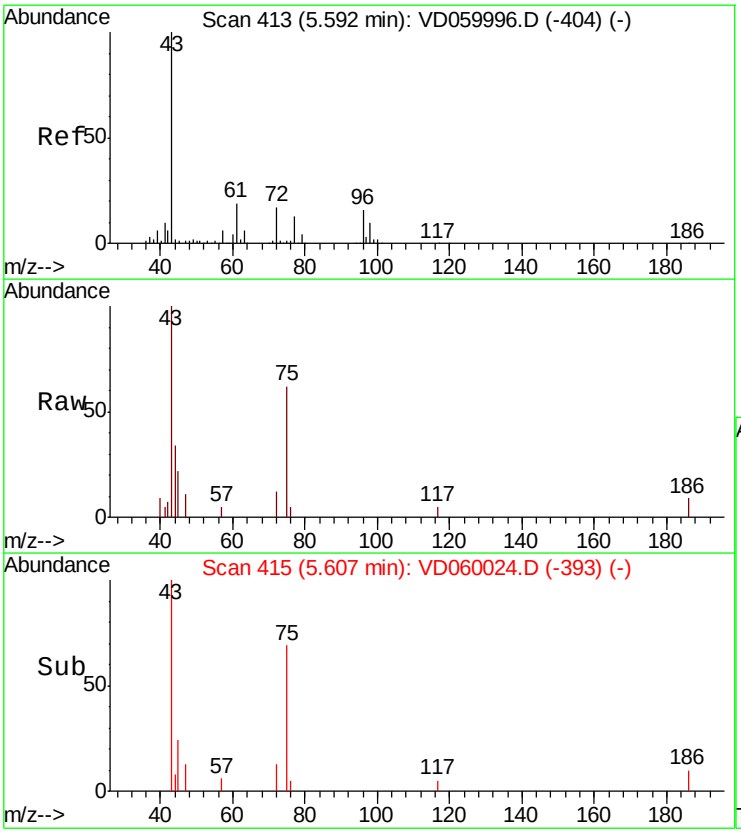
#20
Methylene Chloride
Concen: Below Cal
RT: 3.70 min Scan# 221
Delta R.T. 0.02 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

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

Tgt Ion: 84 Resp: 66162

Ion	Ratio	Lower	Upper
84	100		
49	153.9	116.6	175.0
51	42.8	35.9	53.9
86	73.2	51.8	77.6

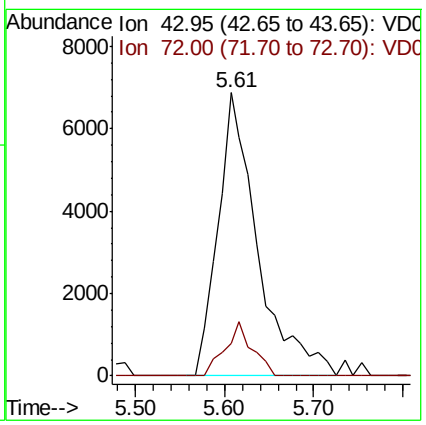


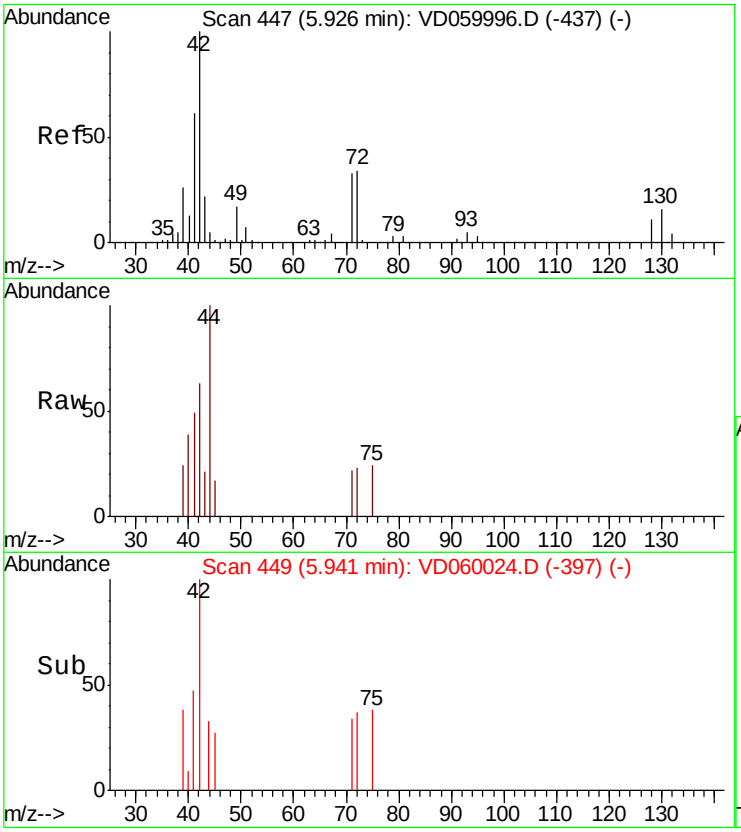


#25
2-Butanone
Concen: 4.369 ug/l
RT: 5.61 min Scan# 415
Delta R.T. 0.02 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

Tgt Ion: 43 Resp: 21421

Ion	Ratio	Lower	Upper
43	100		
72	11.6	13.6	20.4#



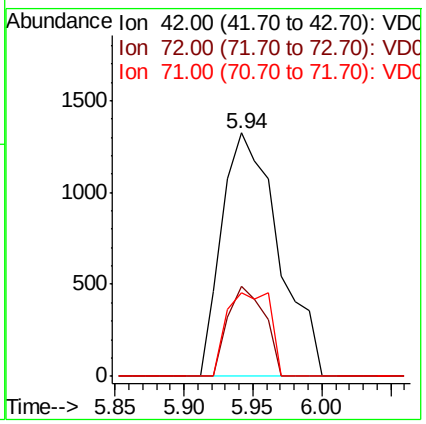


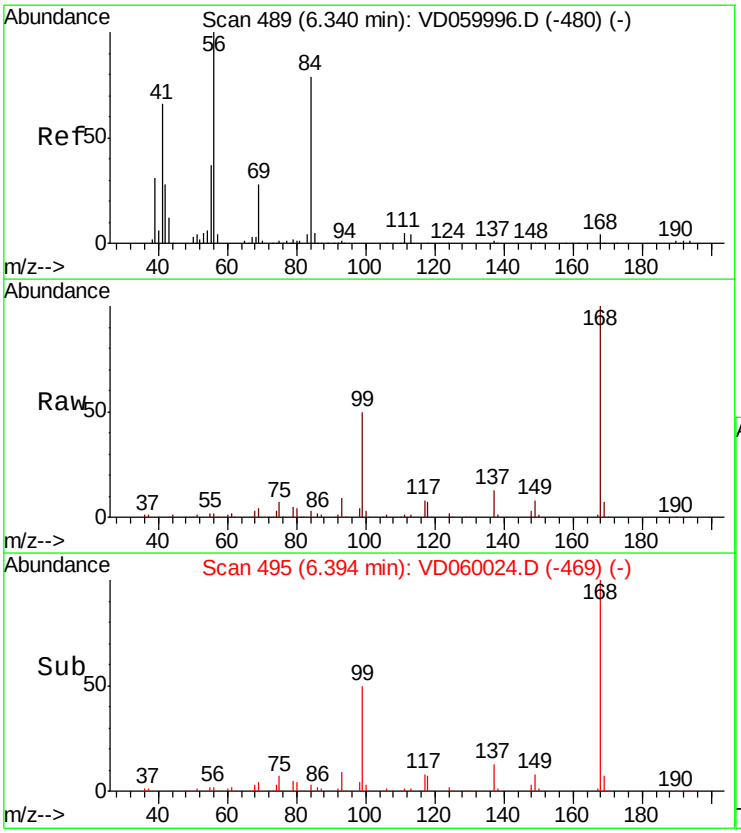
#29
Tetrahydrofuran
Concen: 1.442 ug/l
RT: 5.94 min Scan# 449
Delta R.T. 0.01 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

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

Tgt Ion: 42 Resp: 3792

Ion	Ratio	Lower	Upper
42	100		
72	23.8	26.9	40.3#
71	26.4	26.2	39.4

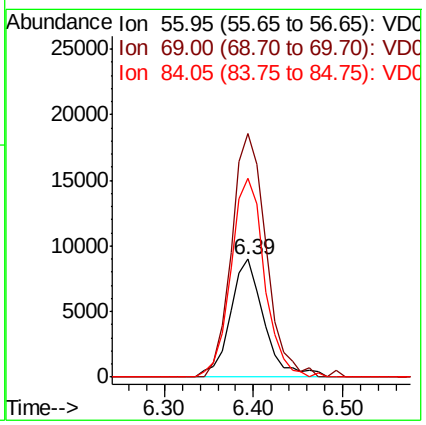


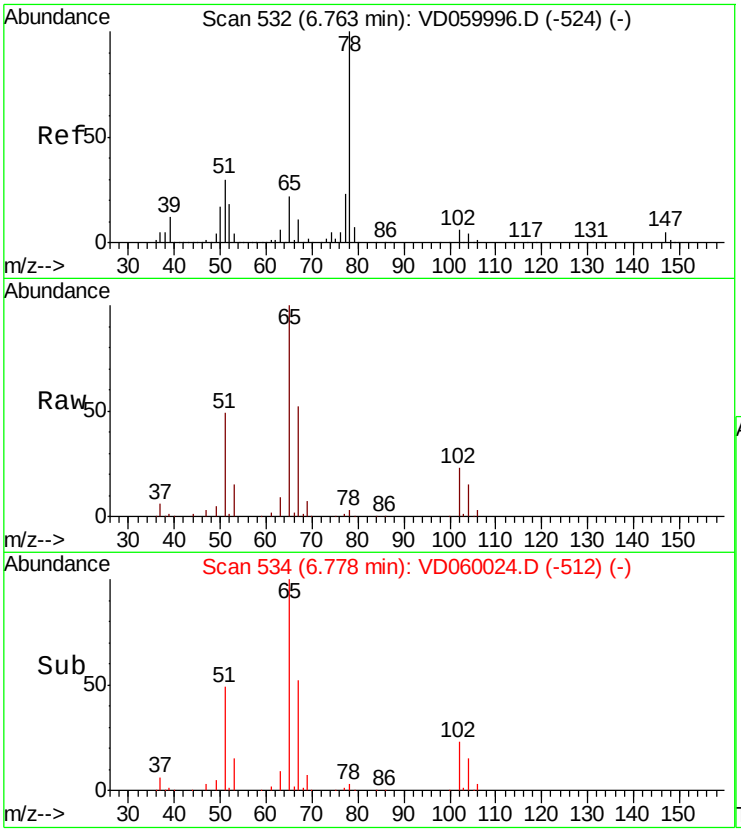


#31
Cyclohexane
Concen: 1.137 ug/l
RT: 6.39 min Scan# 495
Delta R.T. 0.05 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

Tgt Ion: 56 Resp: 23767

Ion	Ratio	Lower	Upper
56	100		
69	206.9	22.7	34.1#
84	169.0	64.0	96.0#



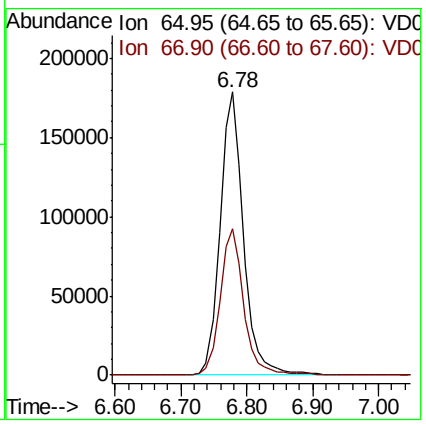


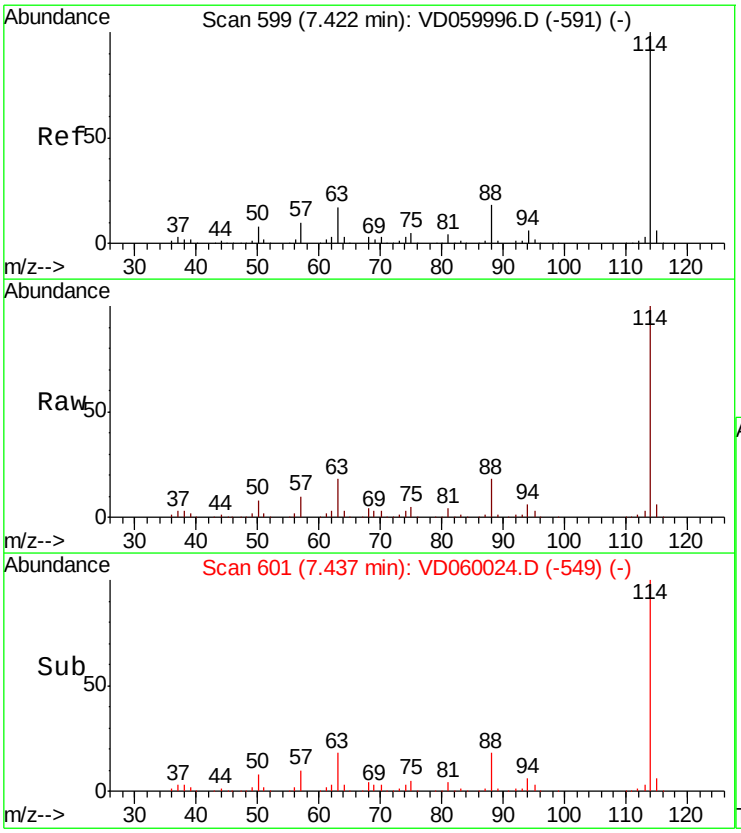
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.01 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

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

Tgt Ion: 65 Resp: 439824

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.8

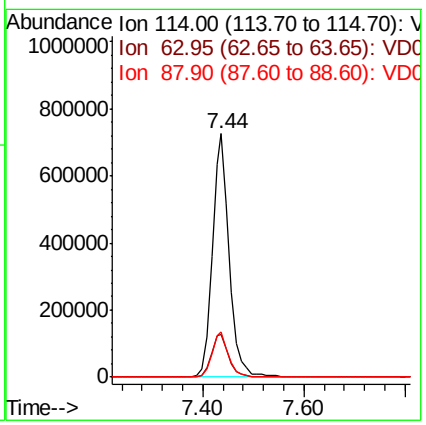


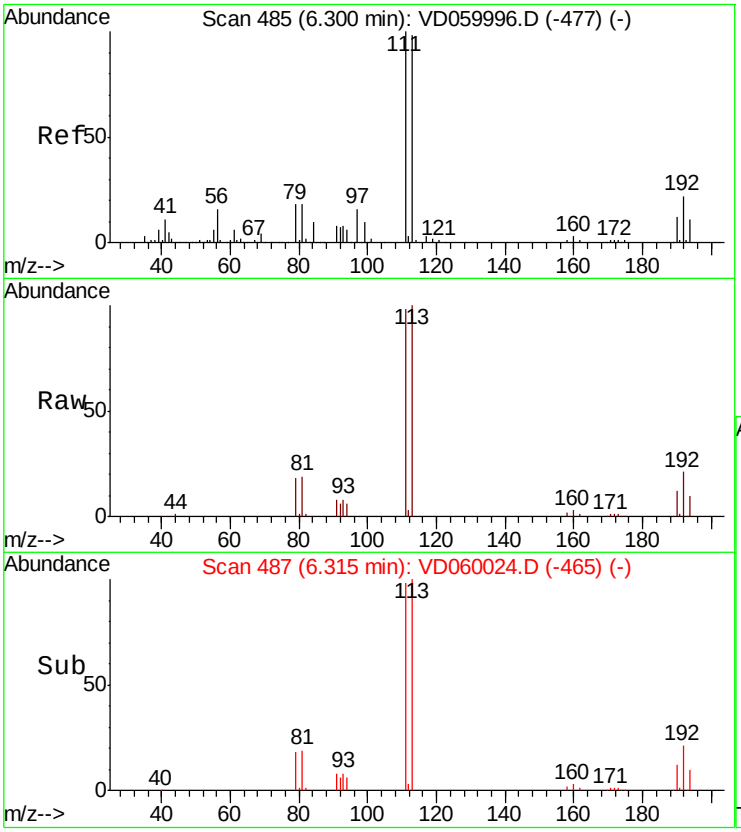


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.44 min Scan# 601
Delta R.T. 0.01 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

Tgt Ion:114 Resp: 1693090

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	34.4
88	18.3	0.0	35.8



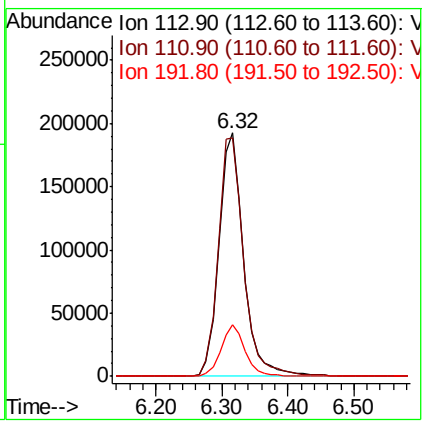


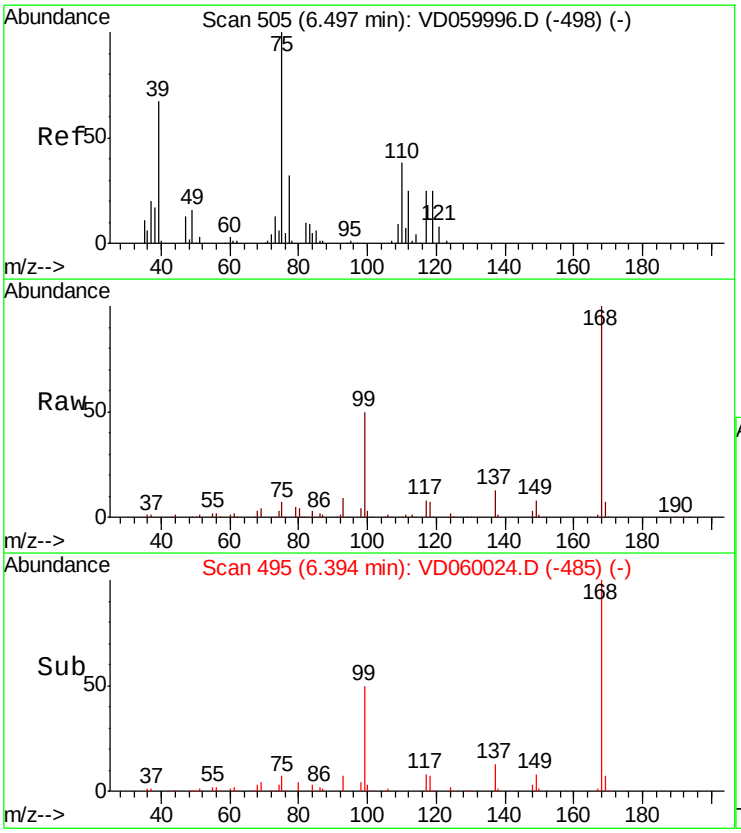
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 487
Delta R.T. 0.01 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

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

Tgt Ion:113 Resp: 503293

Ion	Ratio	Lower	Upper
113	100		
111	98.1	81.3	121.9
192	21.3	18.1	27.1

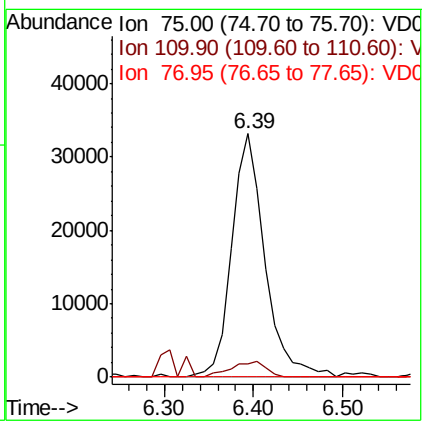


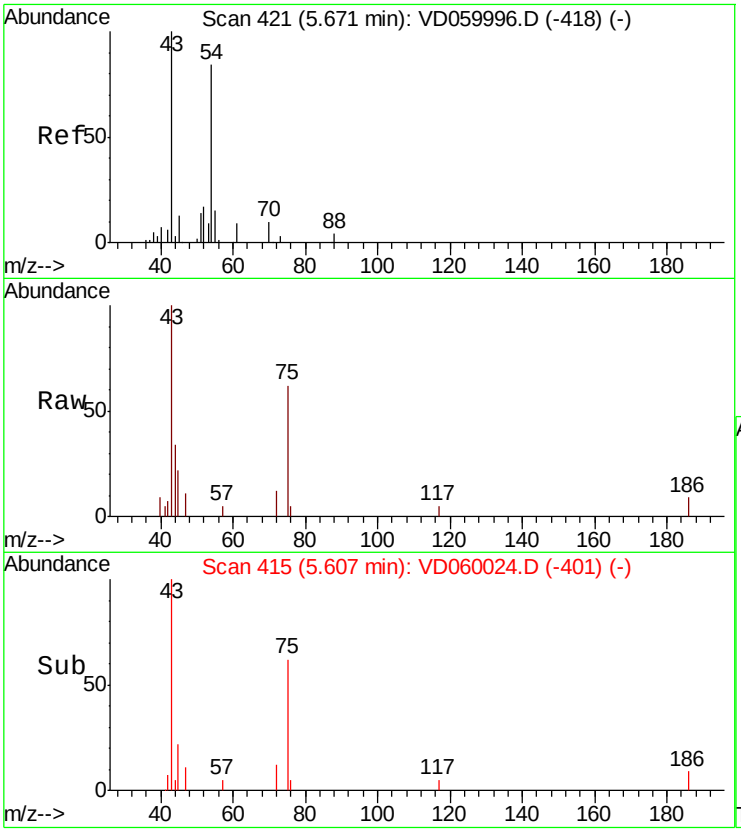


#36
1,1-Dichloropropene
Concen: 5.090 ug/l
RT: 6.39 min Scan# 495
Delta R.T. -0.10 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

Tgt Ion: 75 Resp: 85601

Ion	Ratio	Lower	Upper
75	100		
110	5.7	18.9	56.9#
77	0.0	25.3	37.9#



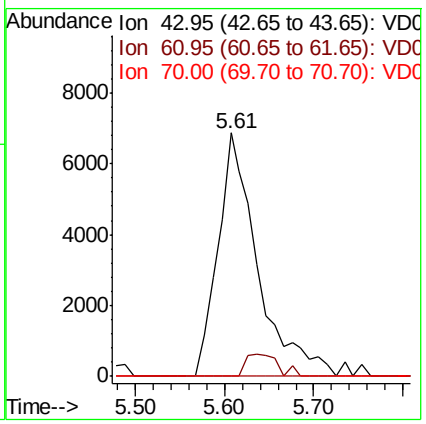


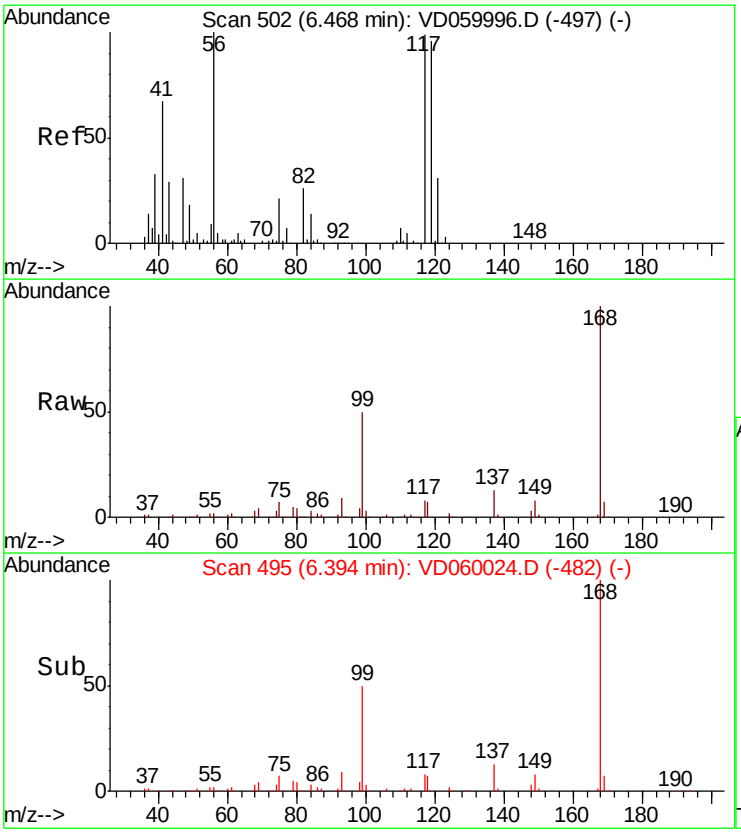
#37
Ethyl Acetate
Concen: 1.852 ug/l
RT: 5.61 min Scan# 415
Delta R.T. -0.06 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

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

Tgt Ion: 43 Resp: 21421

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

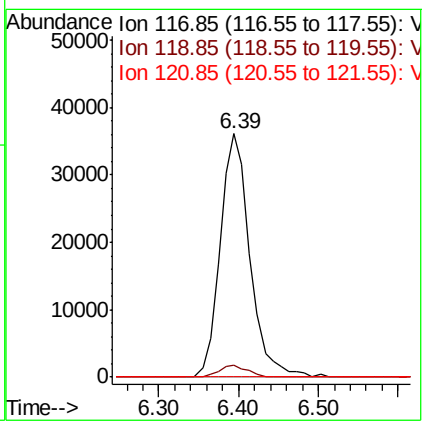


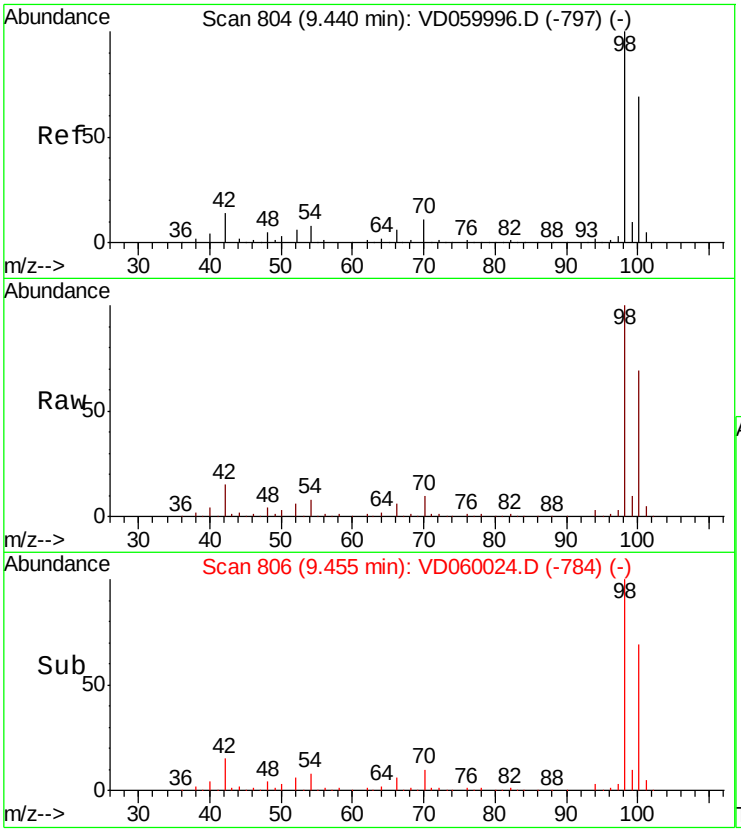


#38
Carbon Tetrachloride
Concen: 6.005 ug/l
RT: 6.39 min Scan# 495
Delta R.T. -0.07 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

Tgt Ion:117 Resp: 94281

Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.7	115.1#
121	0.0	24.9	37.3#



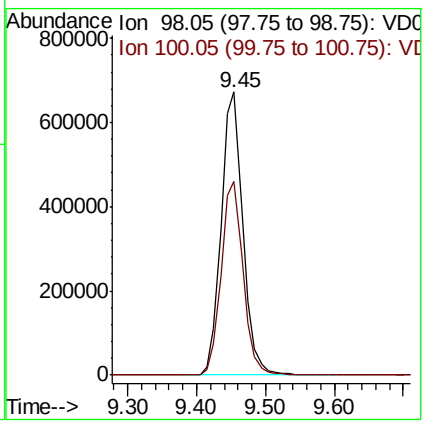


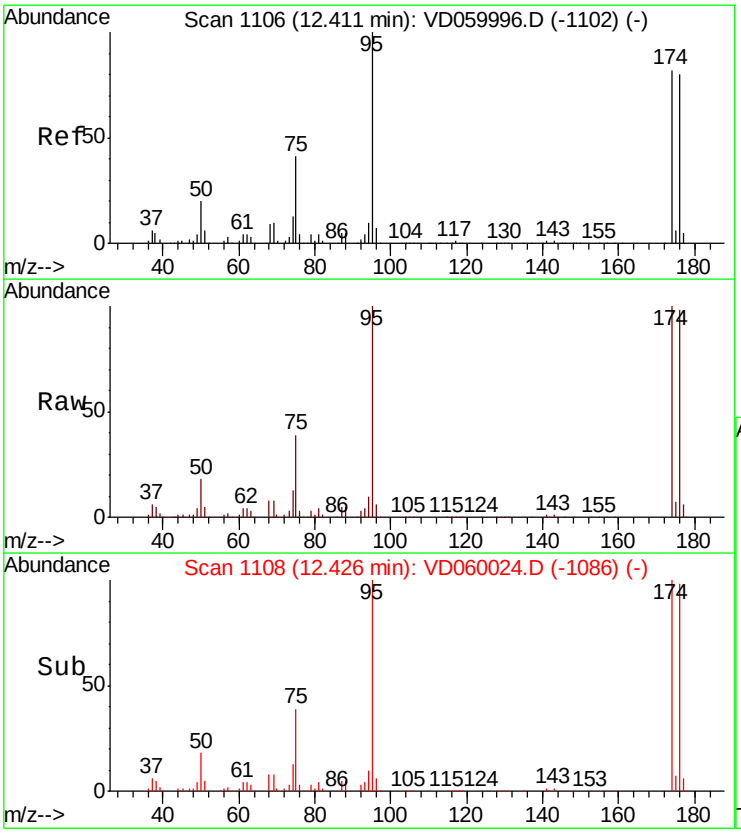
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.01 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

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

Tgt Ion: 98 Resp: 1460764

Ion	Ratio	Lower	Upper
98	100		
100	68.6	55.8	83.6

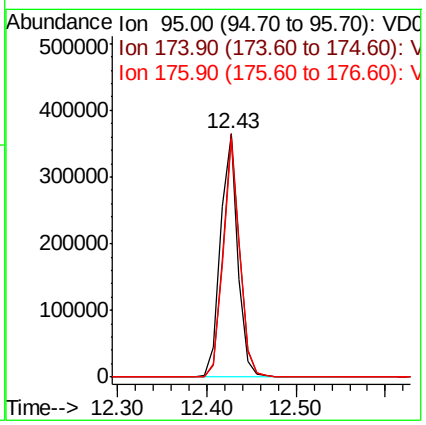


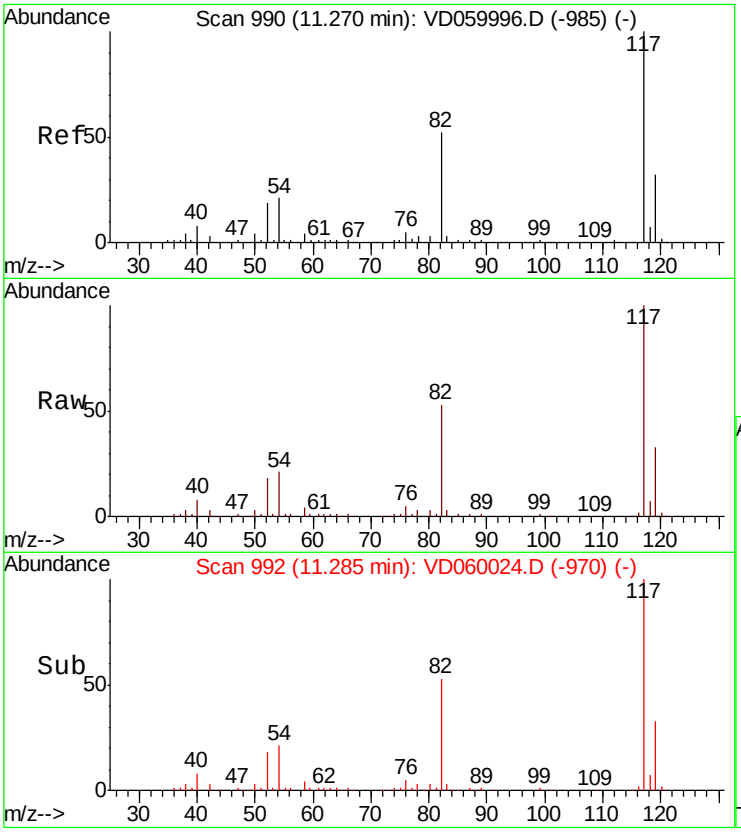


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

Tgt Ion: 95 Resp: 499554

Ion	Ratio	Lower	Upper
95	100		
174	100.4	0.0	165.0
176	98.1	0.0	160.2



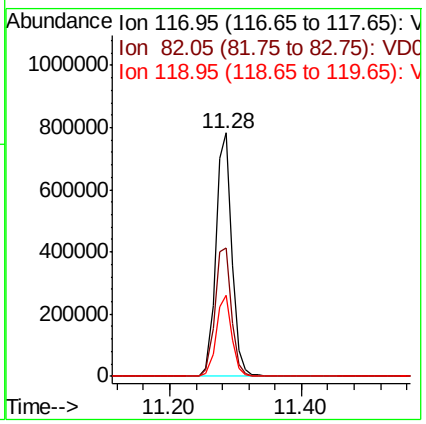


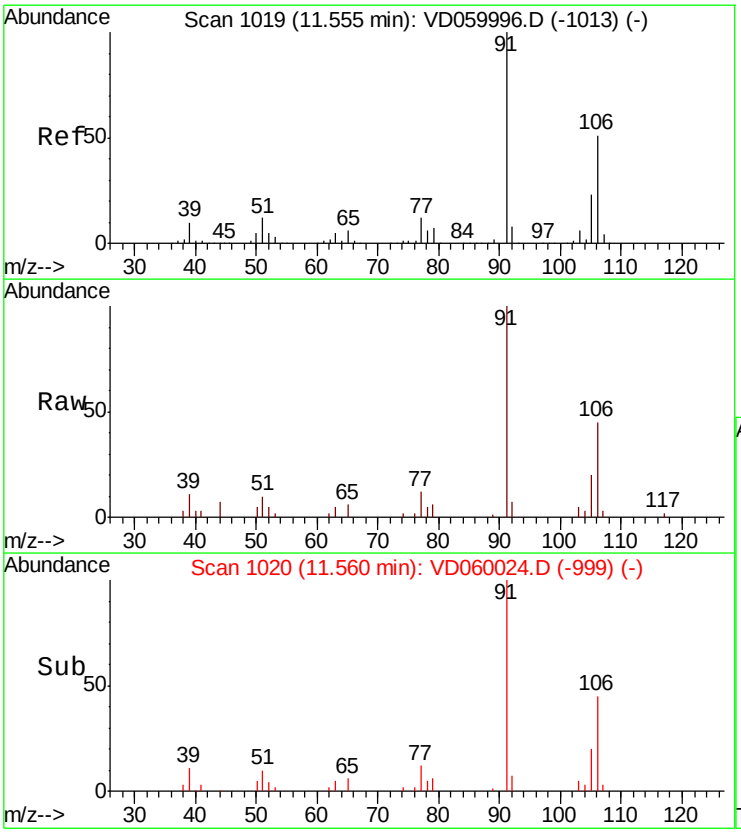
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.01 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

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

Tgt Ion:117 Resp: 1311357

Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.7	62.5
119	33.4	26.0	39.0

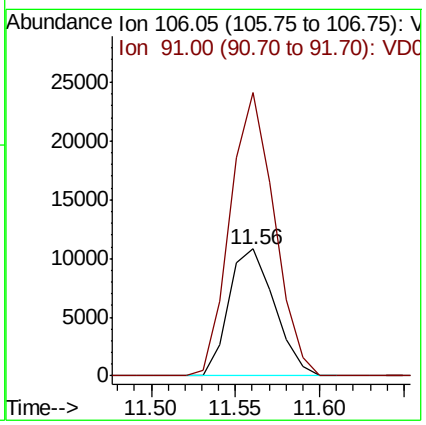


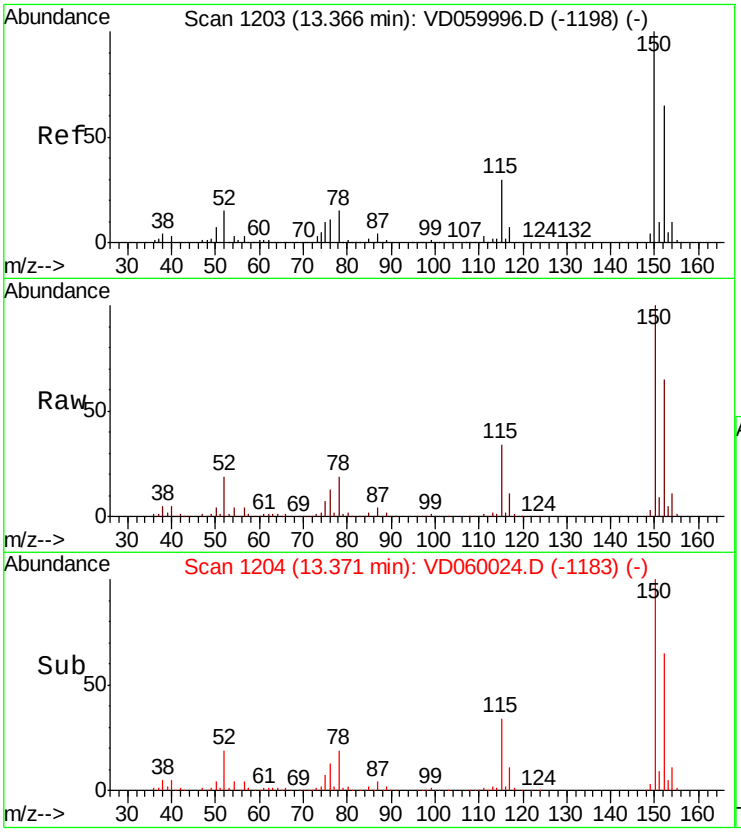


#68
m/p-Xylenes
Concen: 1.209 ug/l
RT: 11.56 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

Tgt Ion:106 Resp: 20263

Ion	Ratio	Lower	Upper
106	100		
91	222.7	157.0	235.6



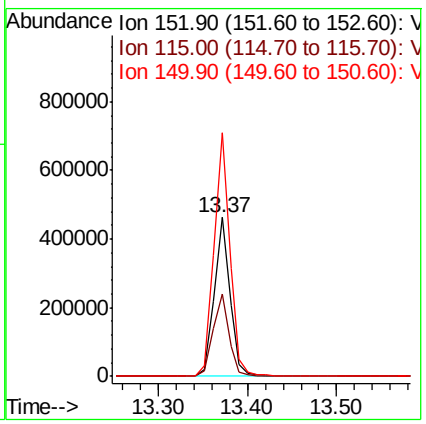


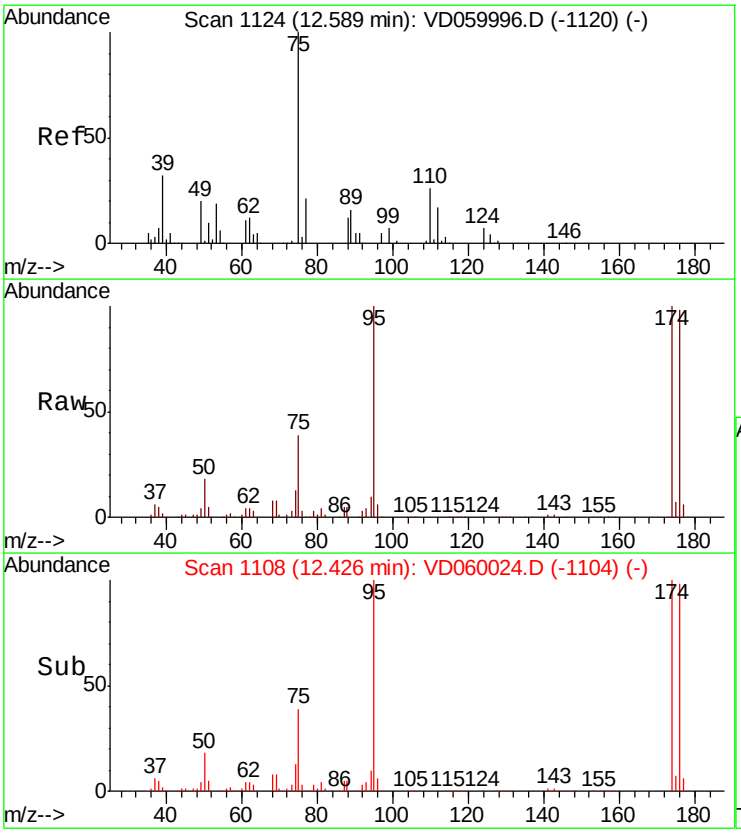
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

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

Tgt Ion:152 Resp: 567083

Ion	Ratio	Lower	Upper
152	100		
115	51.6	24.6	73.8
150	153.5	0.0	313.4

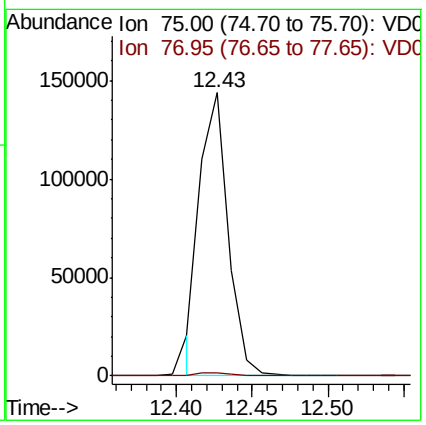


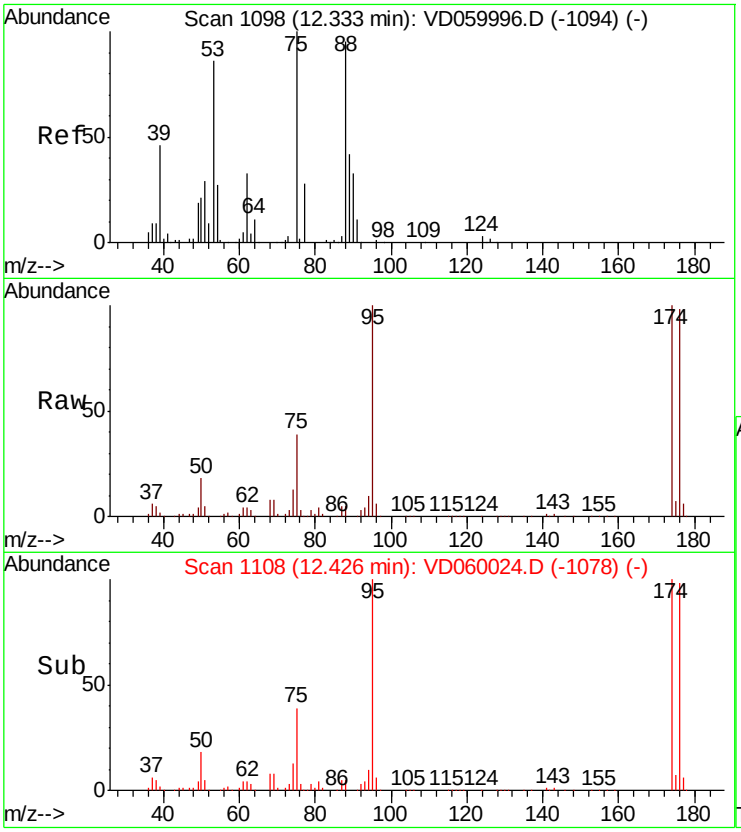


#76
1,2,3-Trichloropropane
Concen: 21.735 ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.16 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

Tgt Ion: 75 Resp: 188243

Ion	Ratio	Lower	Upper
75	100		
77	1.1	16.4	49.4#



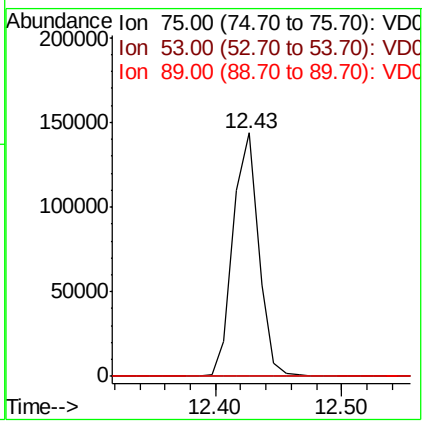


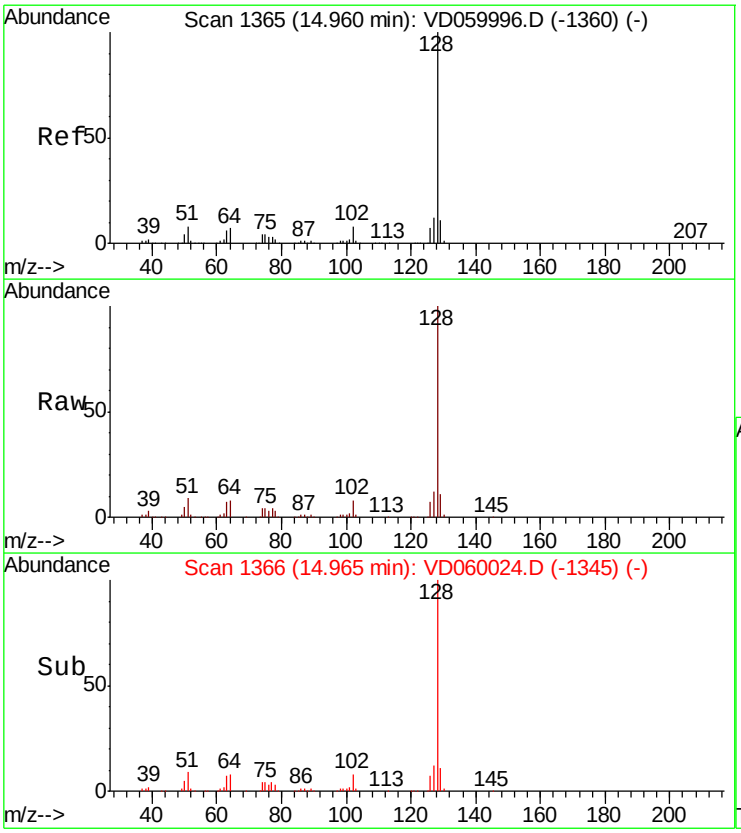
#81
trans-1,4-Dichloro-2-butene
Concen: 76.832 ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.09 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

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

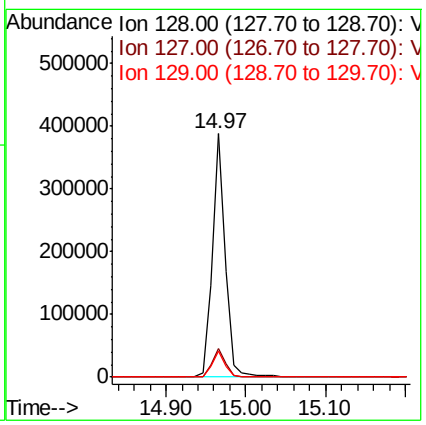
Tgt Ion: 75 Resp: 200871

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





#95
Naphthalene
Concen: 21.891 ug/l
RT: 14.97 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VD060024.D
Acq: 17 Sep 2018 16:34

Tgt Ion:128 Resp: 448847

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