Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060718\
Data File : VD057974.D
Acq On : 7 Jun 2018 16:22
Operator : JC/SY
Sample : J3320-05
Misc : 5.87g/5ml/MSVOA_D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : S39-0178

Quant Time: Jun 08 06:49:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	9945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	15942	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	15789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	10018	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	8069	81.16	ug/l	-0.01
Spiked Amount 50.000			Recovery = 162.32%			
35) Dibromofluoromethane	5.54	113	3880	31.46	ug/l	-0.01
Spiked Amount 50.000			Recovery = 62.92%			
50) Toluene-d8	8.70	98	14634	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.80%			
62) 4-Bromofluorobenzene	11.92	95	8560	66.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 133.82%			
Target Compounds						Qvalue
3) Chloromethane	1.50	50	599	9.112	ug/l #	41
5) Bromomethane	1.84	94	717	28.750	ug/l	92
8) Diethyl Ether	2.23	74	181	11.202	ug/l #	1
10) Methyl Iodide	2.74	142	975	14.564	ug/l #	90
14) Allyl chloride	2.94	41	703	7.641	ug/l #	10
16) Acetone	2.61	43	6788	473.873	ug/l #	57
18) Methyl Acetate	2.93	43	4341	156.656	ug/l #	66
25) 2-Butanone	4.91	43	58155	1786.405	ug/l #	64
27) cis-1,2-Dichloroethene	4.79	96	409	3.882	ug/l	41
29) Tetrahydrofuran	4.91	42	4898	287.018	ug/l #	39
36) 1,1-Dichloropropene	5.62	75	205	1.167	ug/l #	45
37) Ethyl Acetate	4.91	43	59571	621.585	ug/l	96
38) Carbon Tetrachloride	5.64	117	370	2.138	ug/l #	12
40) Benzene	6.02	78	510	1.243	ug/l #	53
43) Isopropyl Acetate	7.67	43	222	1.768	ug/l #	50
64) Tetrachloroethene	9.49	164	1539	10.903	ug/l #	68
77) Bromobenzene	12.03	156	331	1.685	ug/l #	20
81) trans-1,4-Dichloro-2-buten	11.92	75	4327	116.090	ug/l #	6
82) 4-Chlorotoluene	12.33	91	575	Below Cal	#	47
88) 1,4-Dichlorobenzene	12.92	146	745	2.301	ug/l #	57
89) n-Butylbenzene	13.19	91	188	Below Cal	#	30
91) 1,2-Dichlorobenzene	13.18	146	526	1.959	ug/l #	24
93) 1,2,4-Trichlorobenzene	14.33	180	413	1.646	ug/l #	57
95) Naphthalene	14.51	128	1229	3.800	ug/l #	70
96) 1,2,3-Trichlorobenzene	14.65	180	241	1.127	ug/l #	76

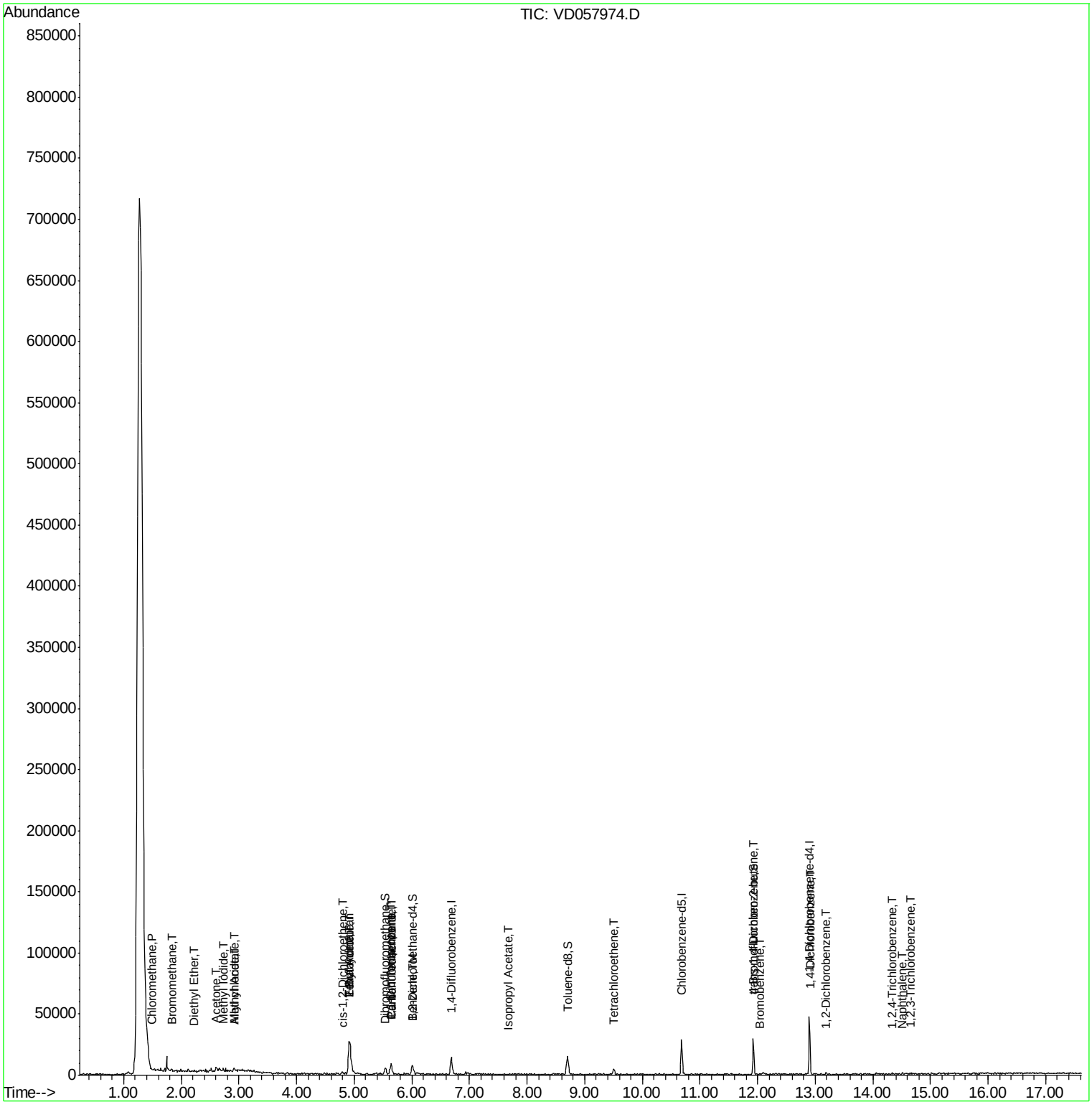
(#) = qualifier out of range (m) = manual integration (+) = signals summed

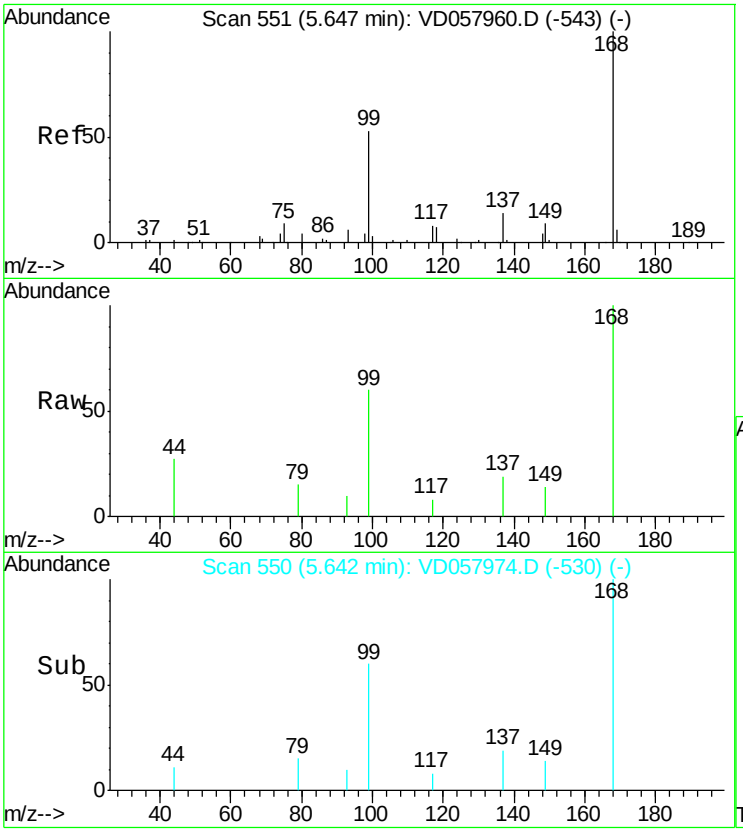
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060718\
Data File : VD057974.D
Acq On : 7 Jun 2018 16:22
Operator : JC/SY
Sample : J3320-05
Misc : 5.87g/5ml/MSVOA_D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S39-0178

Quant Time: Jun 08 06:49:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration



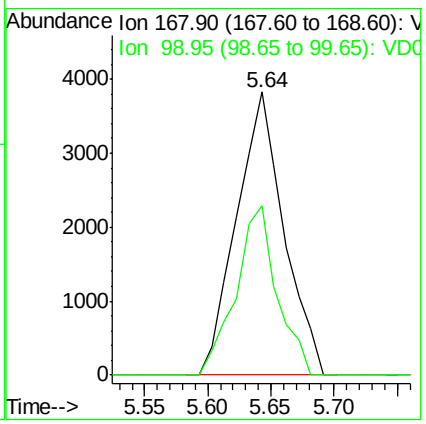


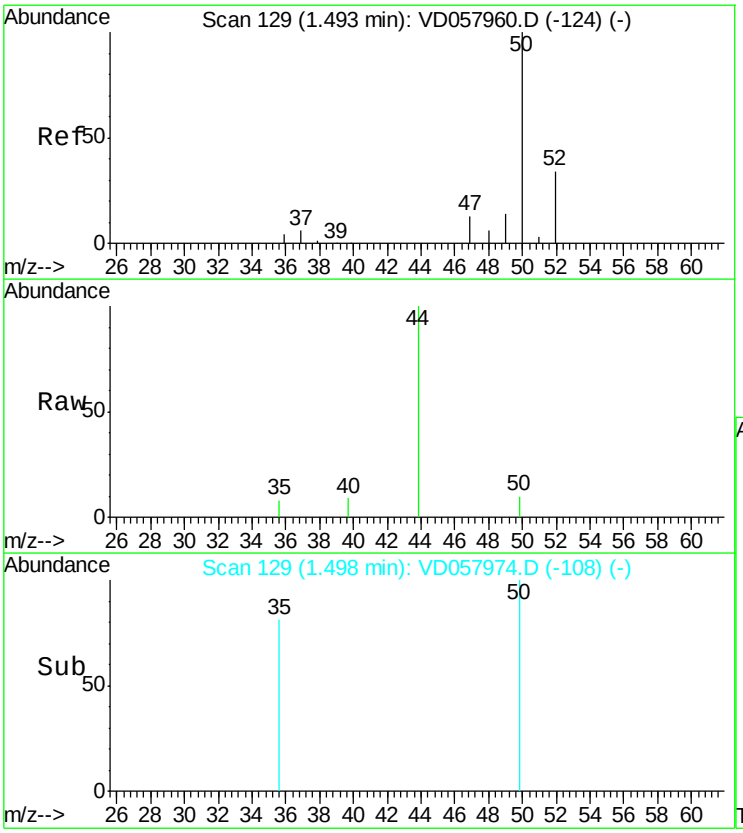
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.00 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Instrument :
MSVOA_D
ClientSampleId :
S39-0178

Tgt Ion:168 Resp: 9945

Ion	Ratio	Lower	Upper
168	100		
99	59.9	46.8	70.2

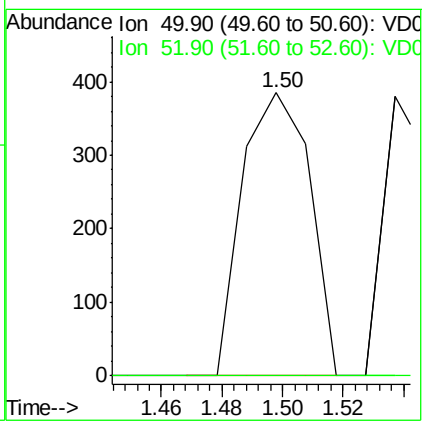


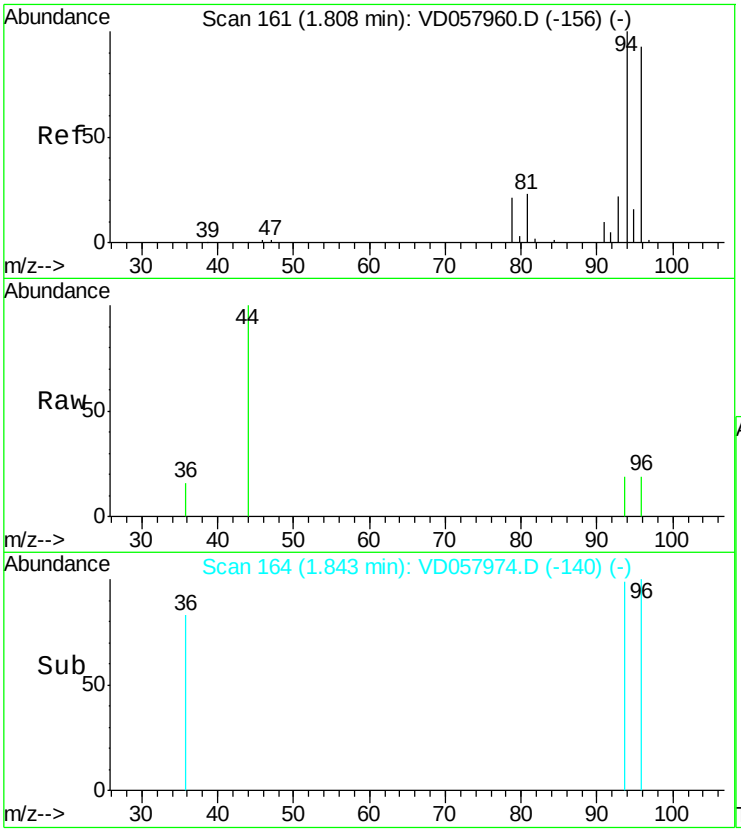


#3
Chloromethane
Concen: 9.112 ug/l
RT: 1.50 min Scan# 129
Delta R.T. 0.00 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Tgt Ion: 50 Resp: 599

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.2	40.8#



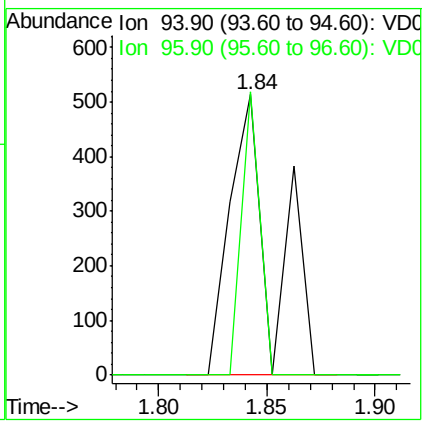


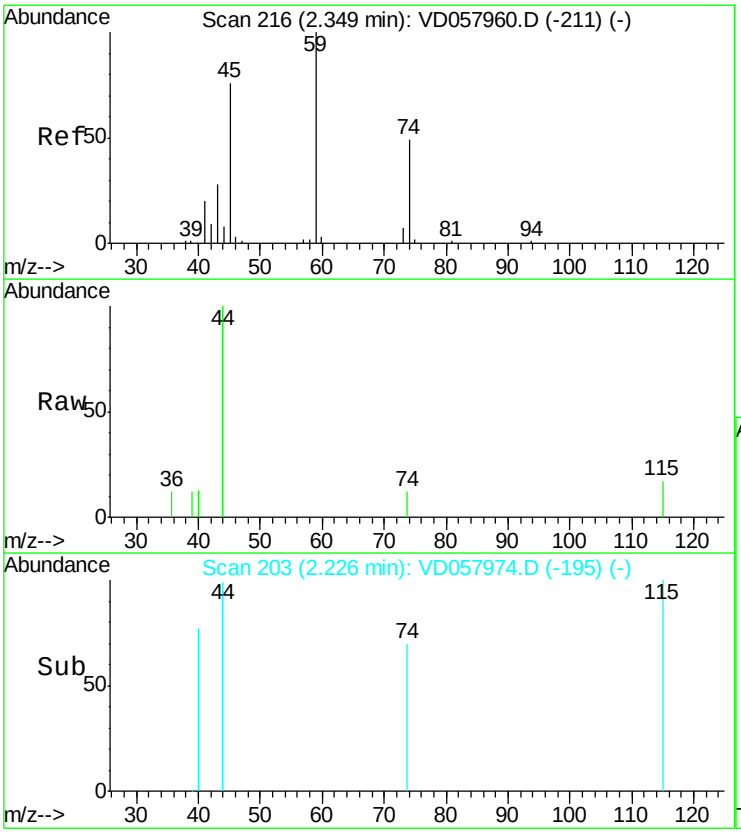
#5
Bromomethane
Concen: 28.750 ug/l
RT: 1.84 min Scan# 164
Delta R.T. 0.03 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Instrument : MSVOA_D
ClientSampleId : S39-0178

Tgt Ion: 94 Resp: 717

Ion	Ratio	Lower	Upper
94	100		
96	100.8	74.3	111.5

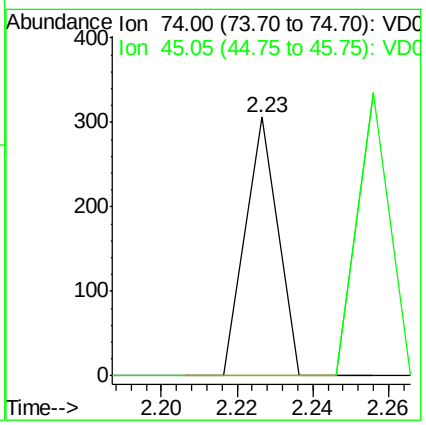


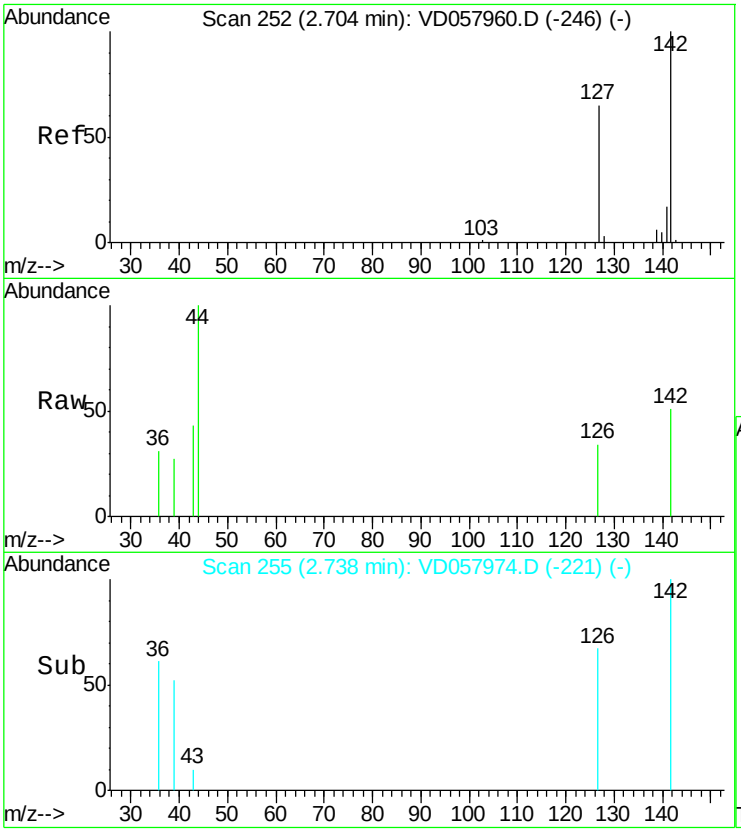


#8
Diethyl Ether
Concen: 11.202 ug/l
RT: 2.23 min Scan# 203
Delta R.T. -0.12 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Tgt Ion: 74 Resp: 181

Ion	Ratio	Lower	Upper
74	100		
45	0.0	77.1	231.3#



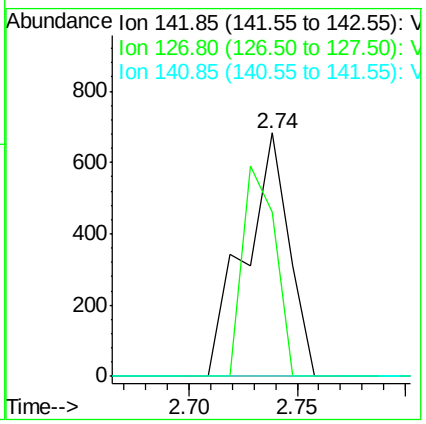


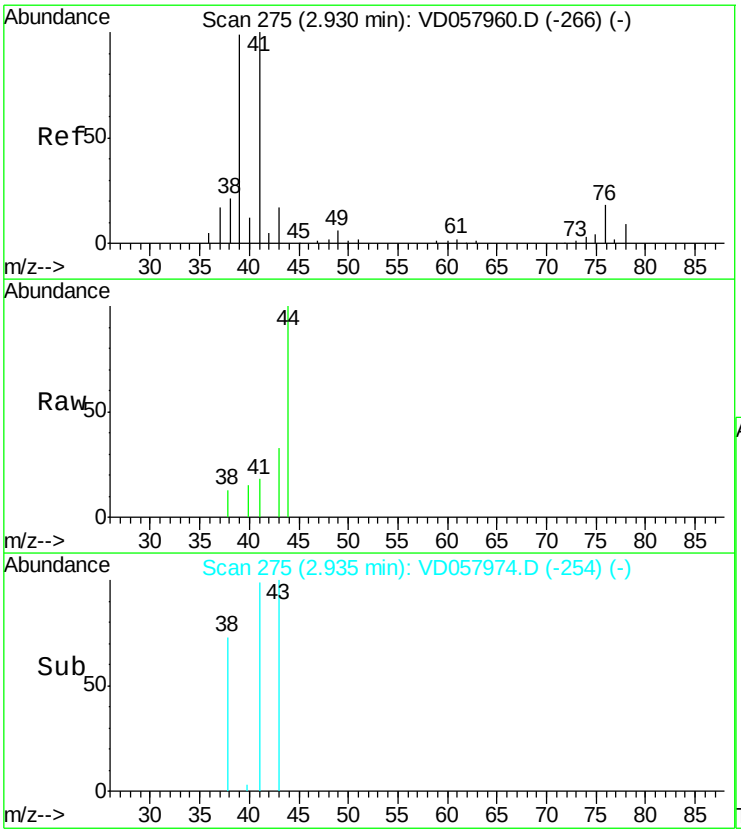
#10
Methyl Iodide
Concen: 14.564 ug/l
RT: 2.74 min Scan# 255
Delta R.T. 0.03 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Instrument : MSVOA_D
ClientSampleId : S39-0178

Tgt Ion:142 Resp: 975

Ion	Ratio	Lower	Upper
142	100		
127	67.3	52.0	78.0
141	0.0	13.2	19.8#

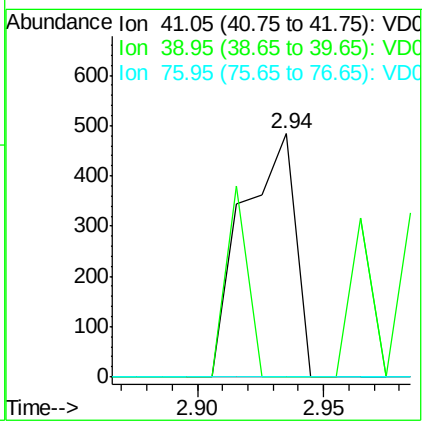


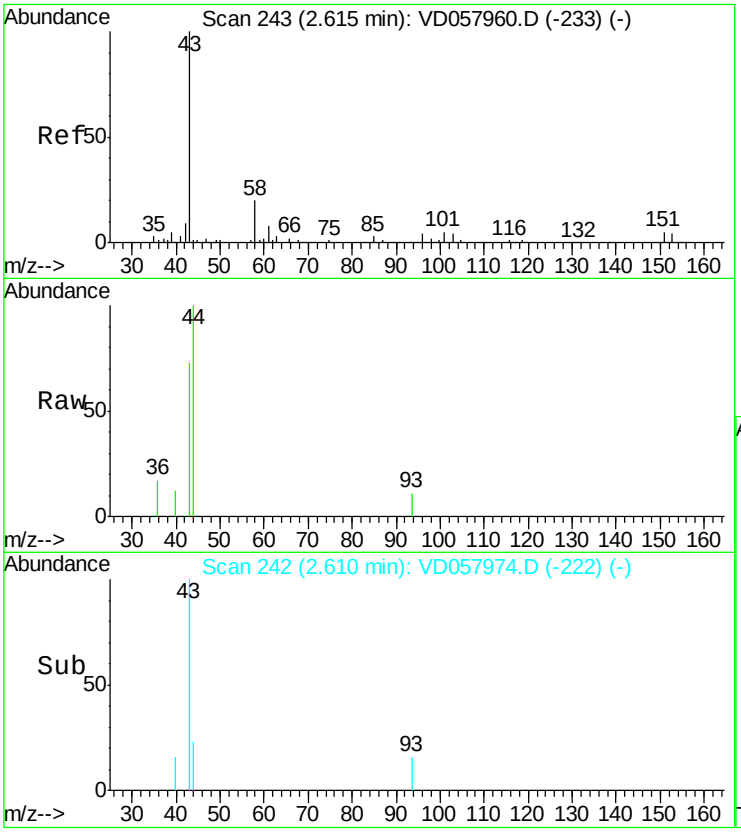


#14
Allyl chloride
Concen: 7.641 ug/l
RT: 2.94 min Scan# 275
Delta R.T. 0.00 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Tgt Ion: 41 Resp: 703

Ion	Ratio	Lower	Upper
41	100		
39	0.0	79.5	119.3#
76	0.0	20.7	31.1#



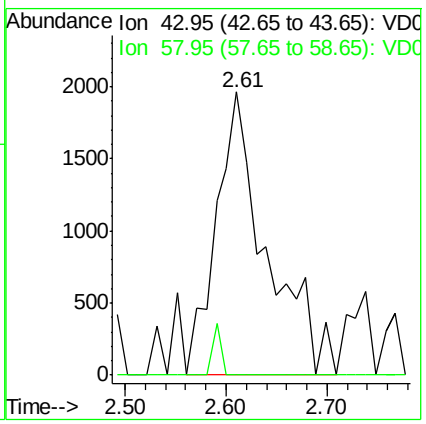


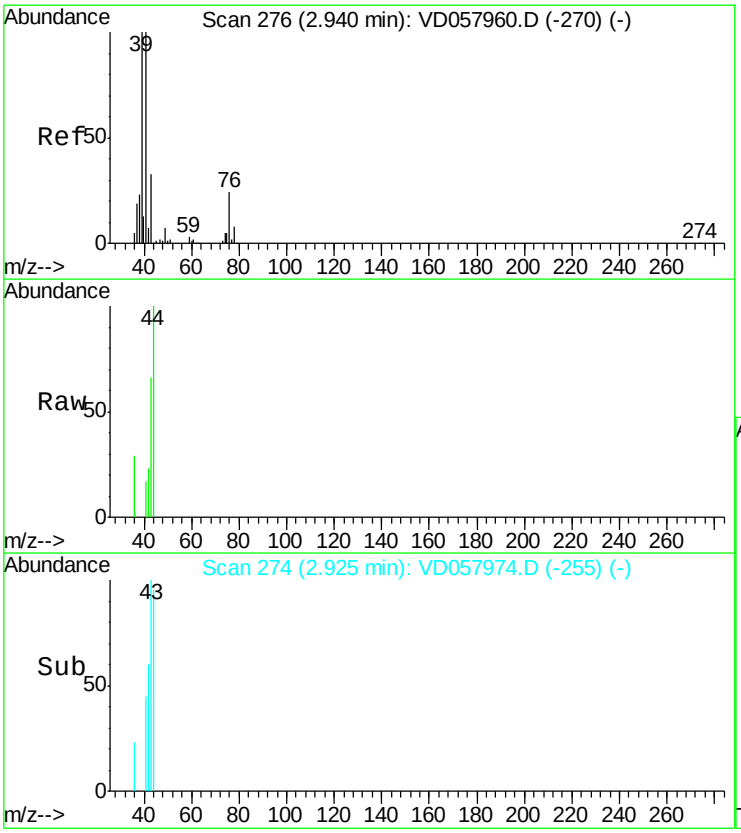
#16
Acetone
Concen: 473.873 ug/l
RT: 2.61 min Scan# 242
Delta R.T. -0.00 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Instrument :
MSVOA_D
ClientSampleId :
S39-0178

Tgt Ion: 43 Resp: 6788

Ion	Ratio	Lower	Upper
43	100		
58	0.0	15.8	23.8#

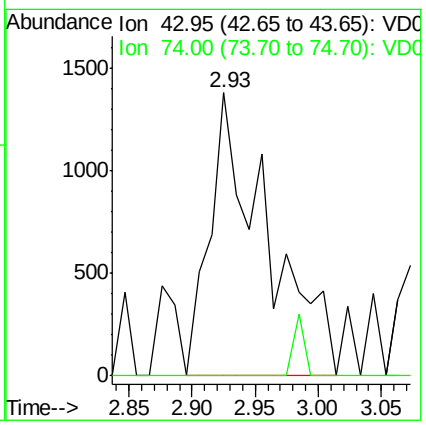


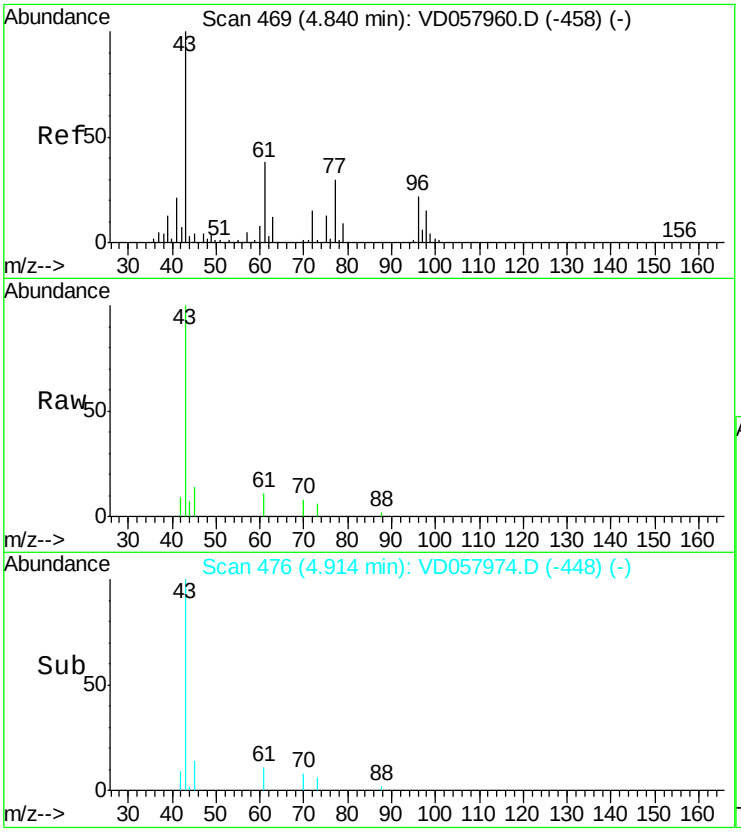


#18
Methyl Acetate
Concen: 156.656 ug/l
RT: 2.93 min Scan# 274
Delta R.T. -0.01 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Tgt Ion: 43 Resp: 4341

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.2	16.8#



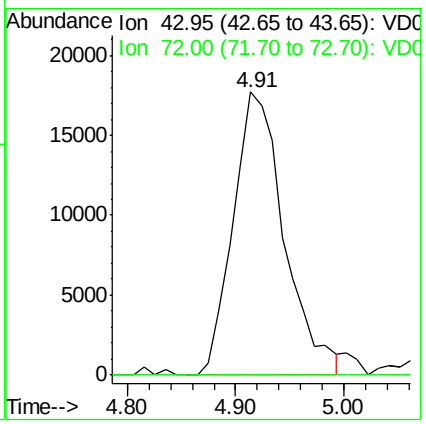


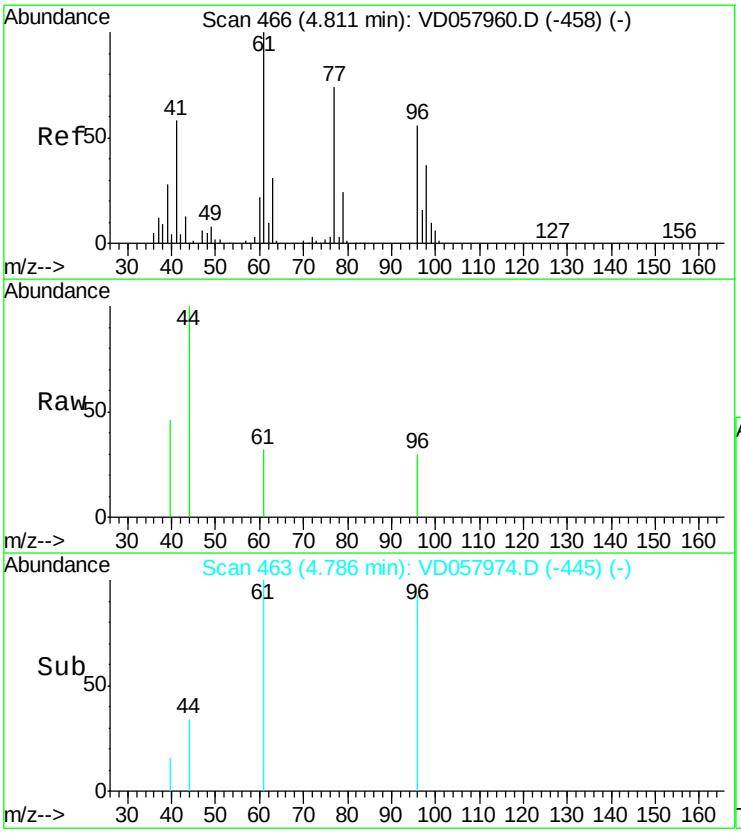
#25
2-Butanone
Concen: 1786.405 ug/l
RT: 4.91 min Scan# 476
Delta R.T. 0.07 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Instrument : MSVOA_D
ClientSampleId : S39-0178

Tgt Ion: 43 Resp: 58155

Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.0	18.0#

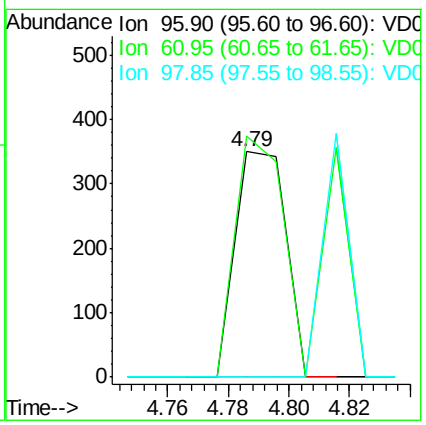


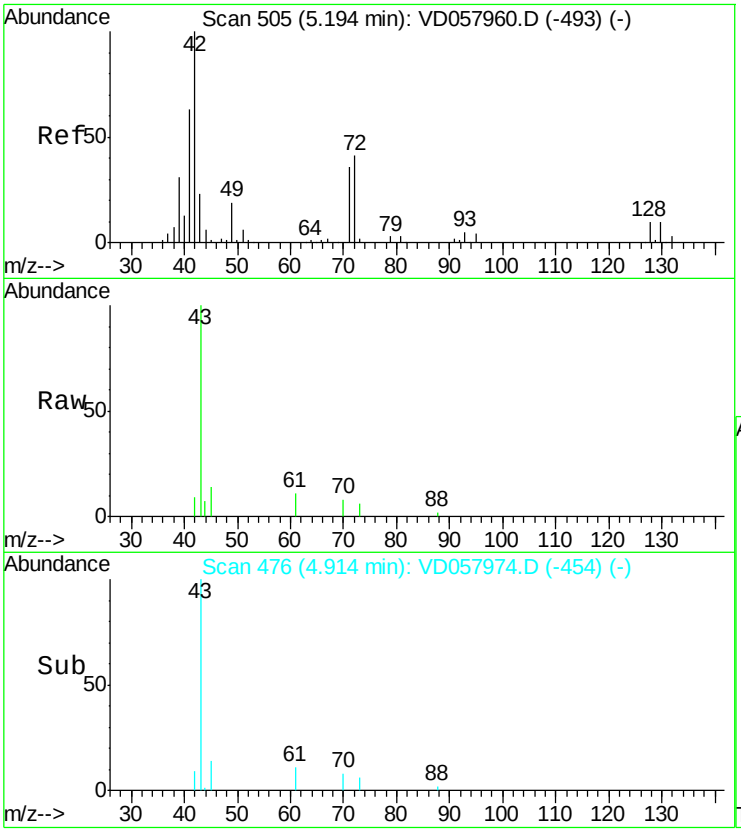


#27
cis-1,2-Dichloroethene
Concen: 3.882 ug/l
RT: 4.79 min Scan# 463
Delta R.T. -0.02 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Tgt Ion: 96 Resp: 409

Ion	Ratio	Lower	Upper
96	100		
61	107.1	0.0	355.0
98	0.0	0.0	129.6



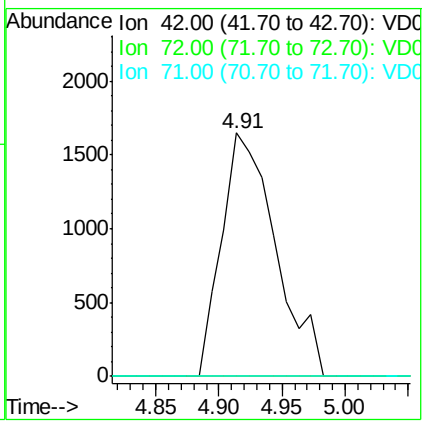


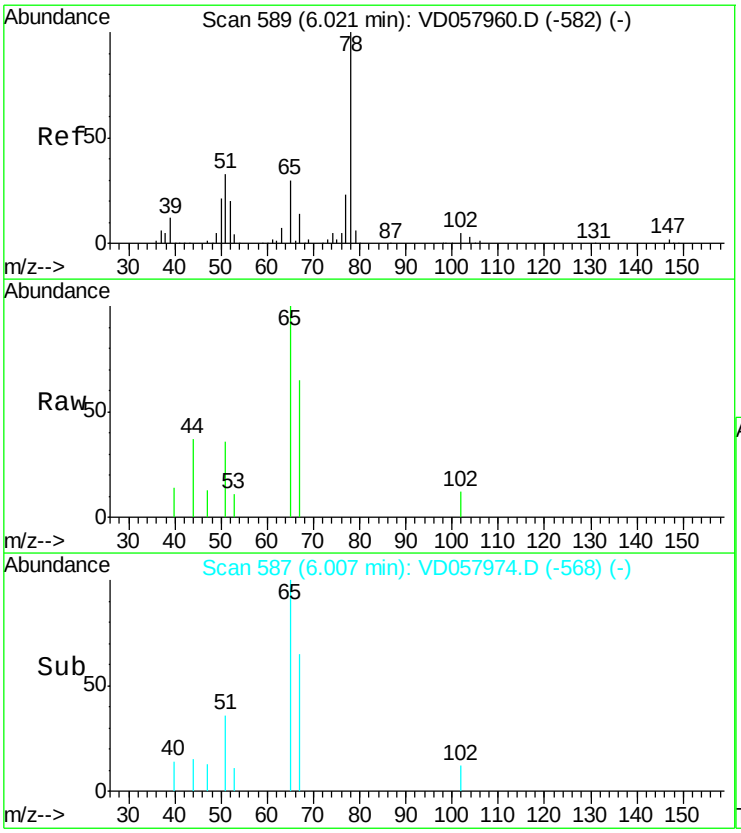
#29
Tetrahydrofuran
Concen: 287.018 ug/l
RT: 4.91 min Scan# 476
Delta R.T. -0.28 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Instrument :
MSVOA_D
ClientSampleId :
S39-0178

Tgt Ion: 42 Resp: 4898

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.5	42.7#
71	0.0	27.9	41.9#

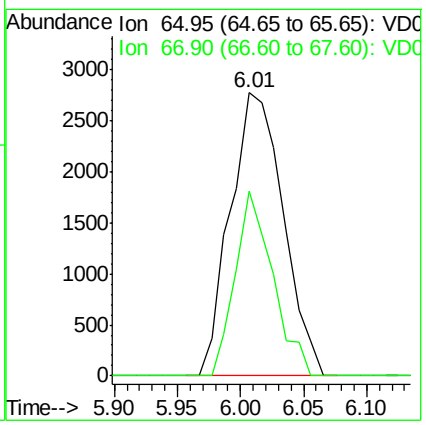


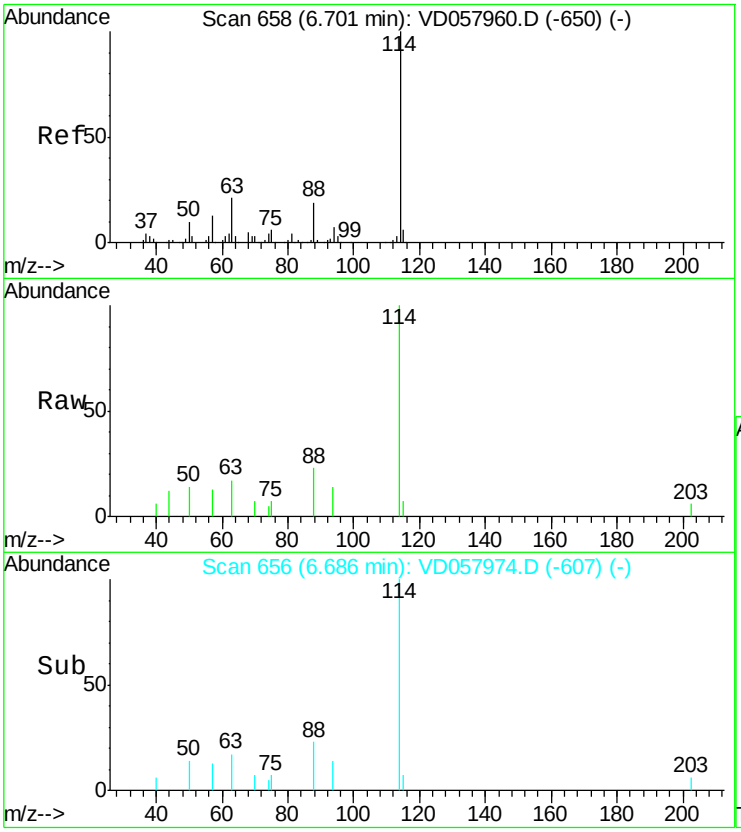


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 587
Delta R.T. -0.01 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Tgt Ion: 65 Resp: 8069

Ion	Ratio	Lower	Upper
65	100		
67	65.1	0.0	94.0



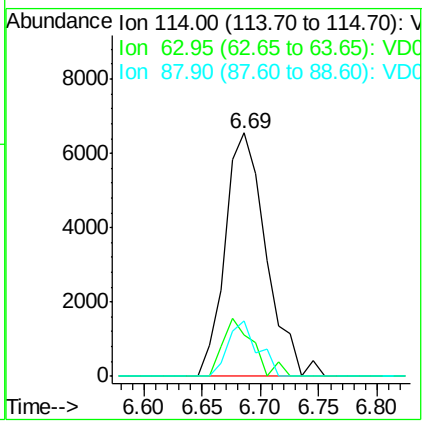


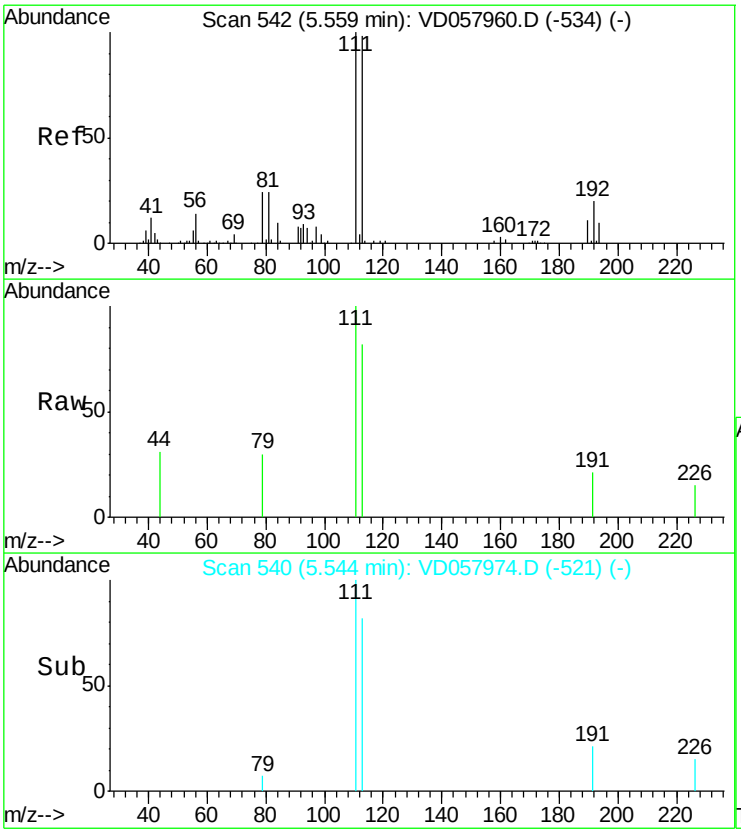
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.69 min Scan# 656
Delta R.T. -0.01 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Instrument :
MSVOA_D
ClientSampleId :
S39-0178

Tgt Ion:114 Resp: 15942

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	42.8
88	22.6	0.0	37.8

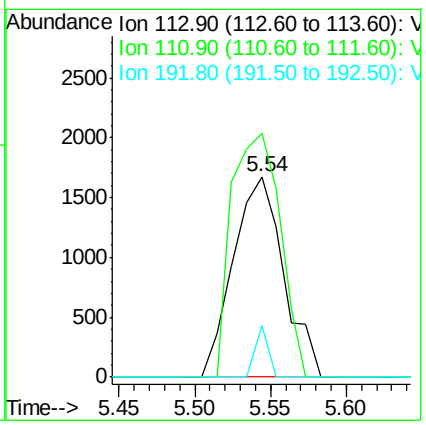


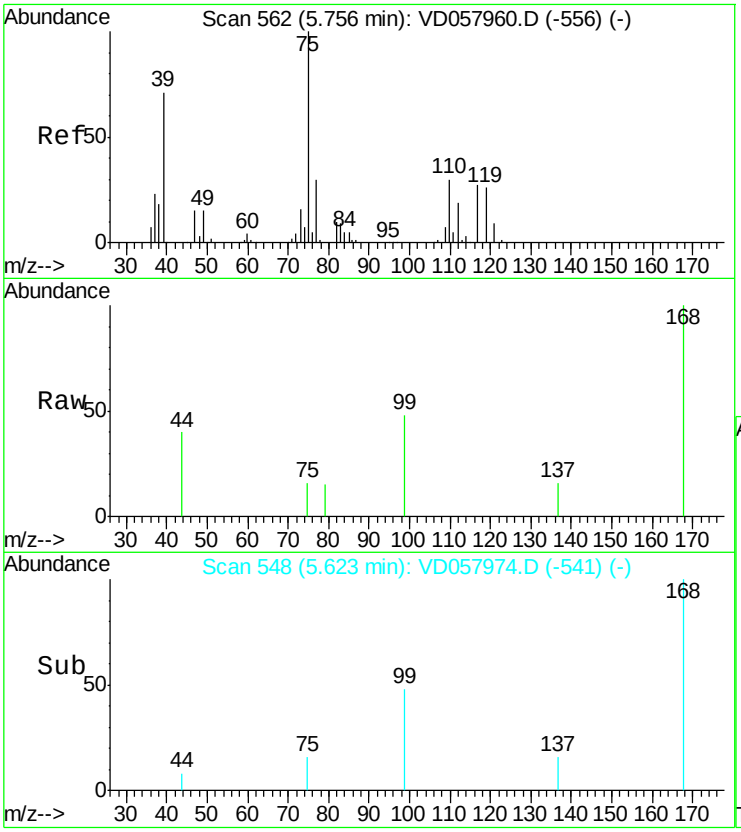


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.01 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Tgt Ion:113 Resp: 3880

Ion	Ratio	Lower	Upper
113	100		
111	121.5	81.5	122.3
192	25.7	16.4	24.6#



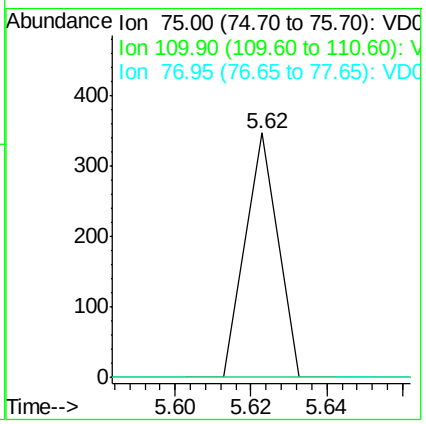


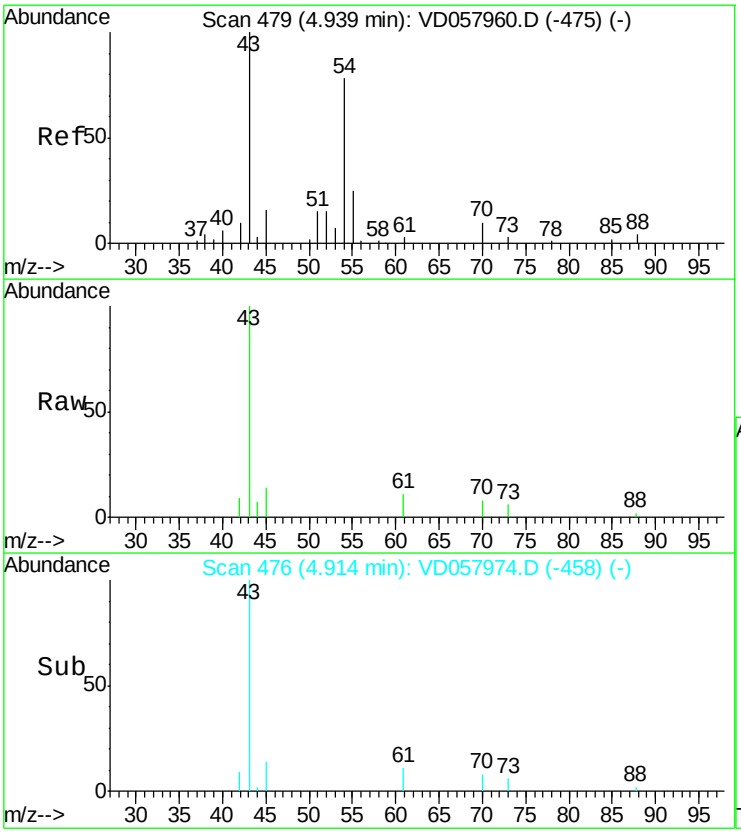
#36
1,1-Dichloropropene
Concen: 1.167 ug/l
RT: 5.62 min Scan# 548
Delta R.T. -0.13 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Instrument : MSVOA_D
ClientSampleId : S39-0178

Tgt Ion: 75 Resp: 205

Ion	Ratio	Lower	Upper
75	100		
110	0.0	14.8	44.3#
77	0.0	23.9	35.9#

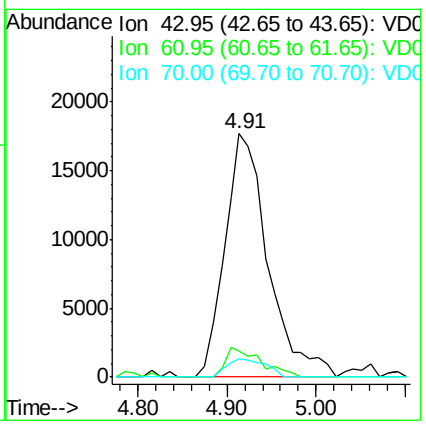


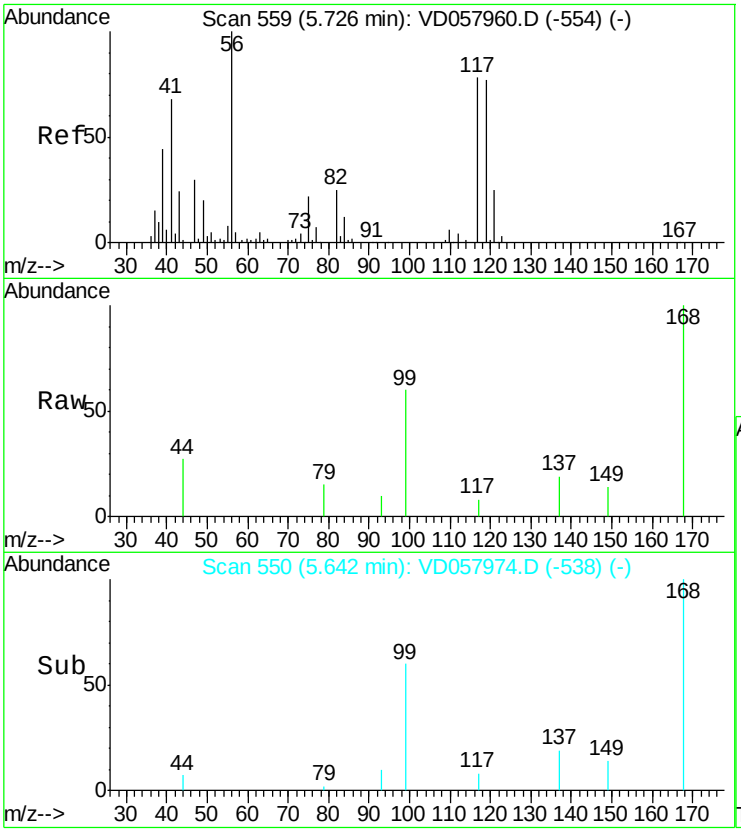


#37
Ethyl Acetate
Concen: 621.585 ug/l
RT: 4.91 min Scan# 476
Delta R.T. -0.02 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Tgt Ion: 43 Resp: 59571

Ion	Ratio	Lower	Upper
43	100		
61	10.6	9.9	14.9
70	7.7	5.7	8.5



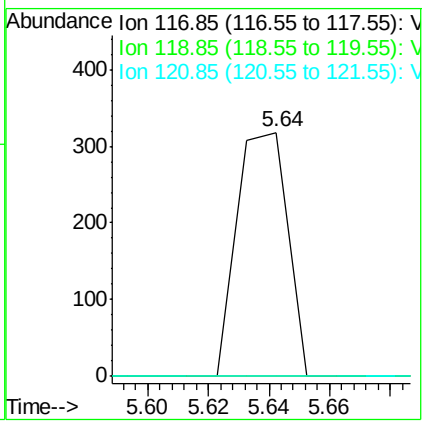


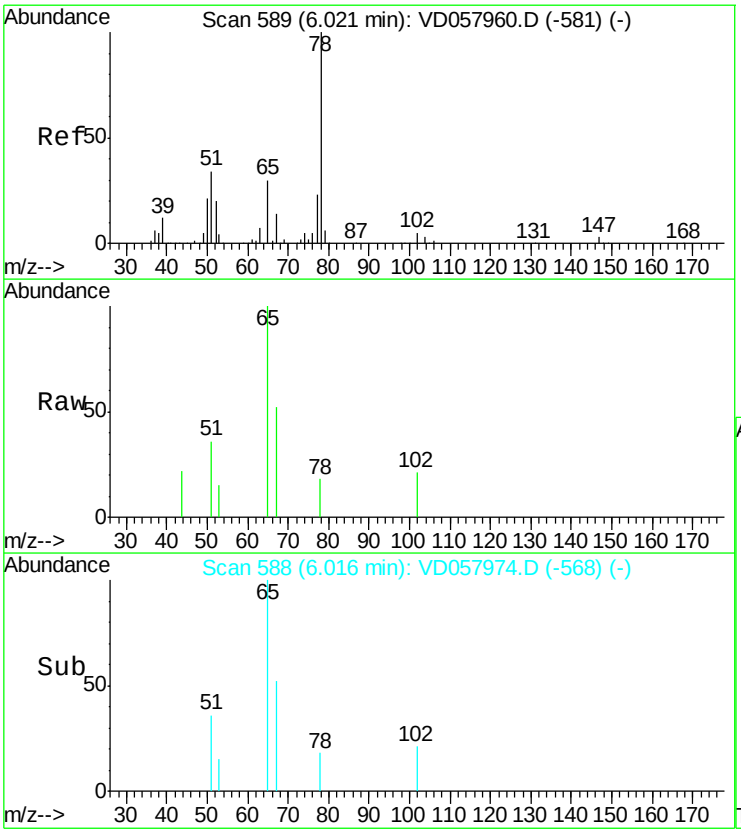
#38
Carbon Tetrachloride
Concen: 2.138 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.08 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Instrument : MSVOA_D
ClientSampleId : S39-0178

Tgt Ion:117 Resp: 370

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.1	114.1#
121	0.0	24.9	37.3#

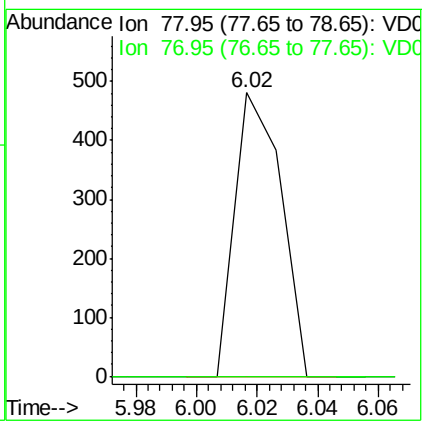


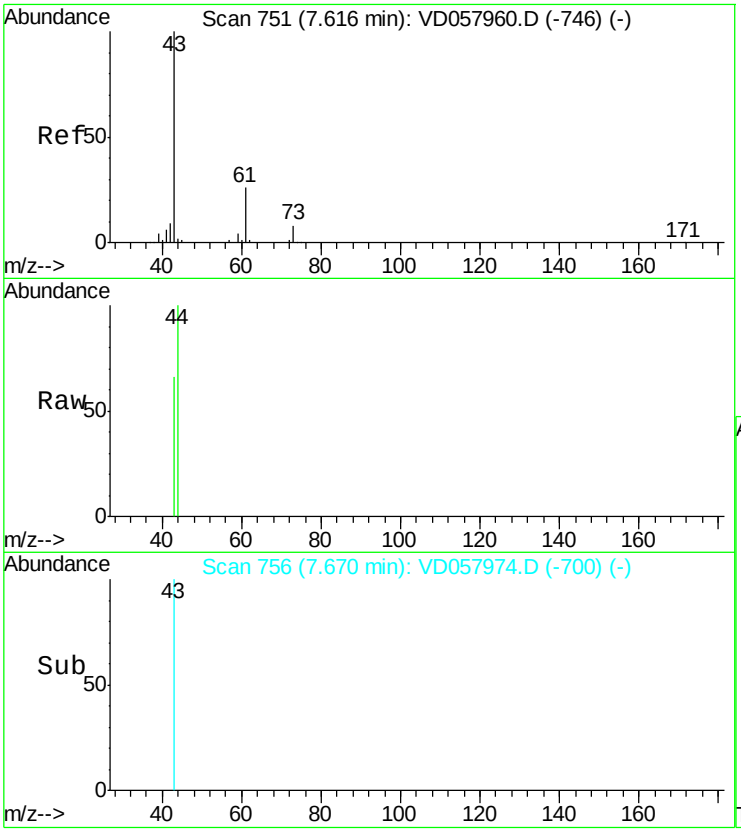


#40
Benzene
Concen: 1.243 ug/l
RT: 6.02 min Scan# 588
Delta R.T. -0.00 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Tgt Ion: 78 Resp: 510

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.1	27.1#



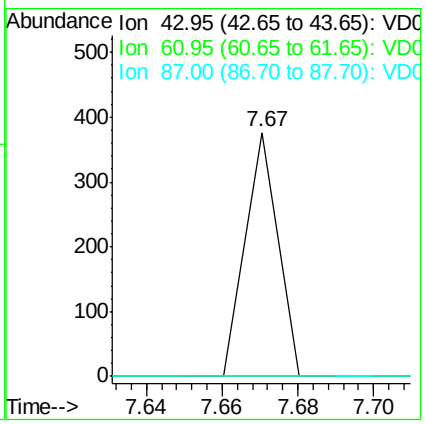


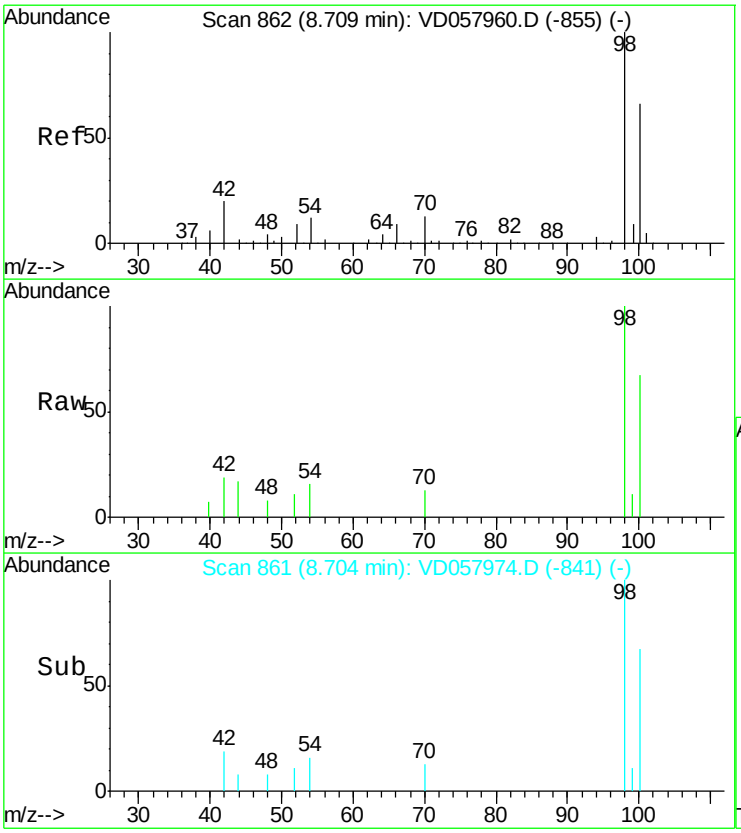
#43
Isopropyl Acetate
Concen: 1.768 ug/l
RT: 7.67 min Scan# 756
Delta R.T. 0.05 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Instrument : MSVOA_D
ClientSampleId : S39-0178

Tgt Ion: 43 Resp: 222

Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.6	30.8#
87	0.0	0.2	0.4#

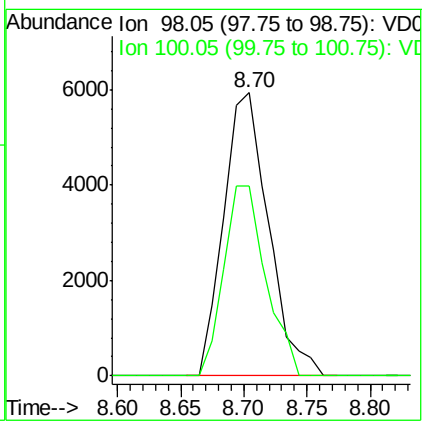


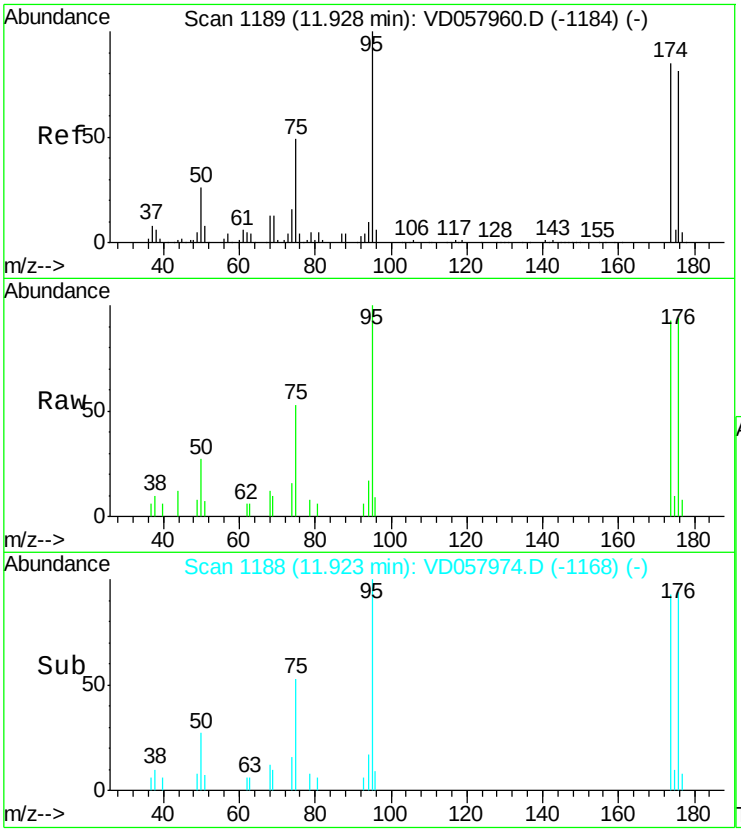


#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.00 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Tgt Ion: 98 Resp: 14634

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.4	80.0



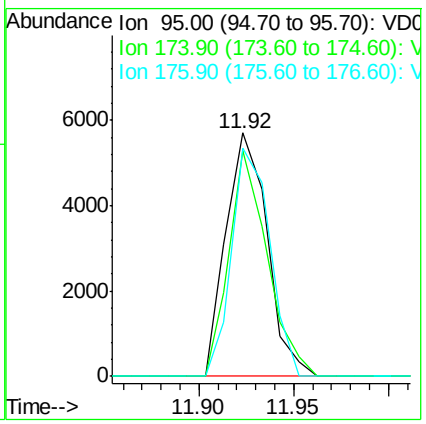


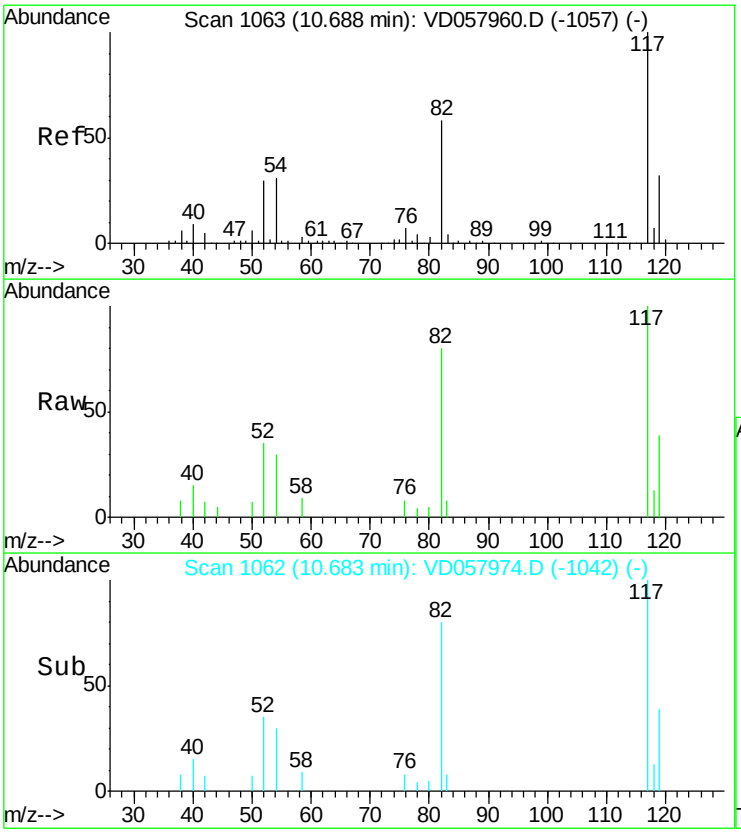
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Instrument :
MSVOA_D
ClientSampleId :
S39-0178

Tgt Ion: 95 Resp: 8560

Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	169.4
176	94.0	0.0	162.6

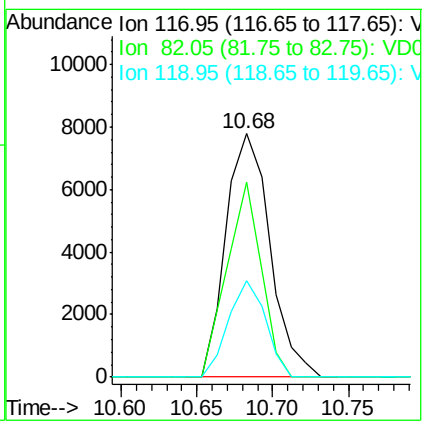


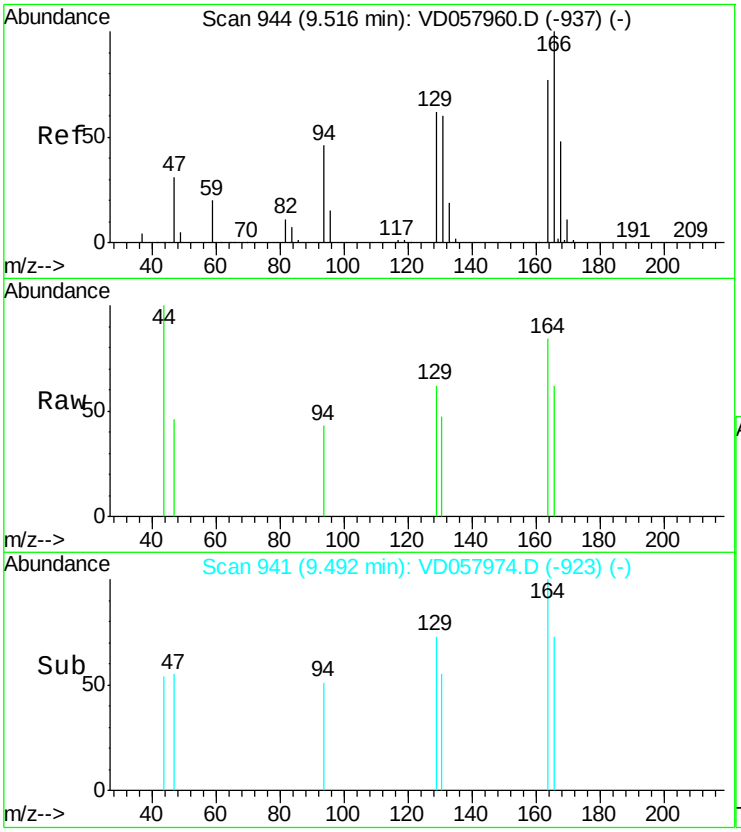


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Tgt Ion:117 Resp: 15789

Ion	Ratio	Lower	Upper
117	100		
82	80.1	46.8	70.2#
119	39.5	25.8	38.6#



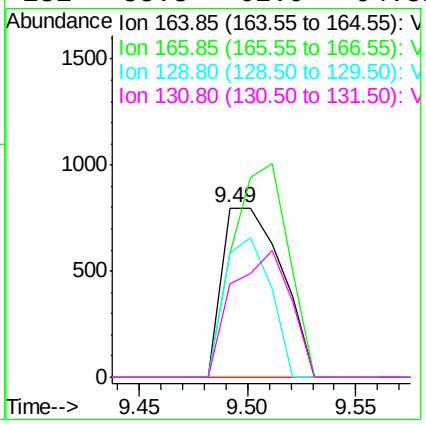


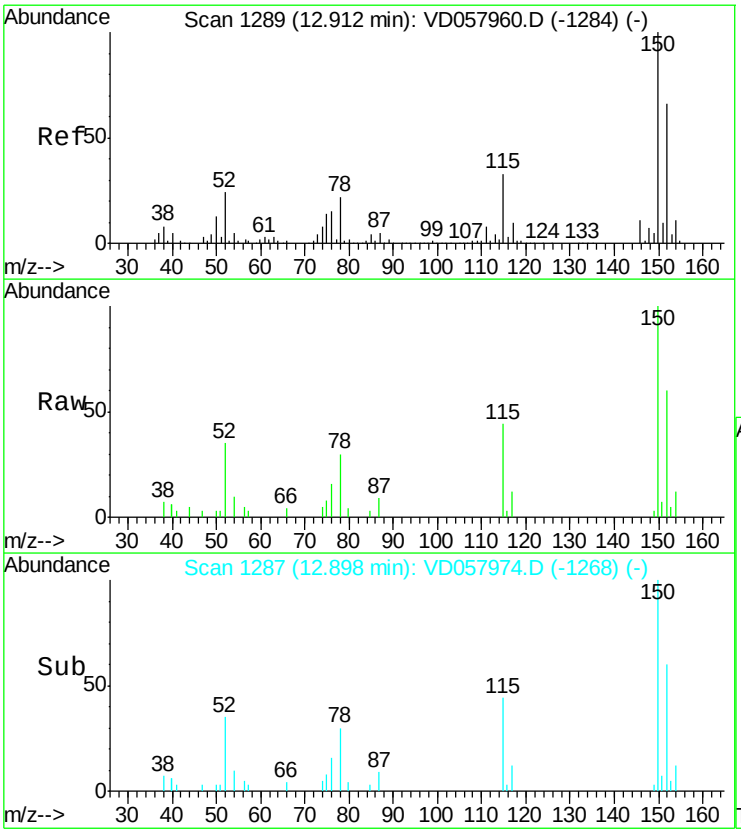
#64
Tetrachloroethene
Concen: 10.903 ug/l
RT: 9.49 min Scan# 941
Delta R.T. -0.02 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Instrument : MSVOA_D
ClientSampleId : S39-0178

Tgt Ion:164 Resp: 1539

Ion	Ratio	Lower	Upper
164	100		
166	73.4	104.4	156.6#
129	73.4	65.0	97.6
131	55.3	62.9	94.3#

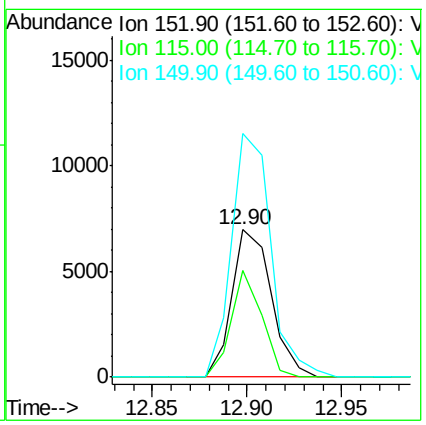


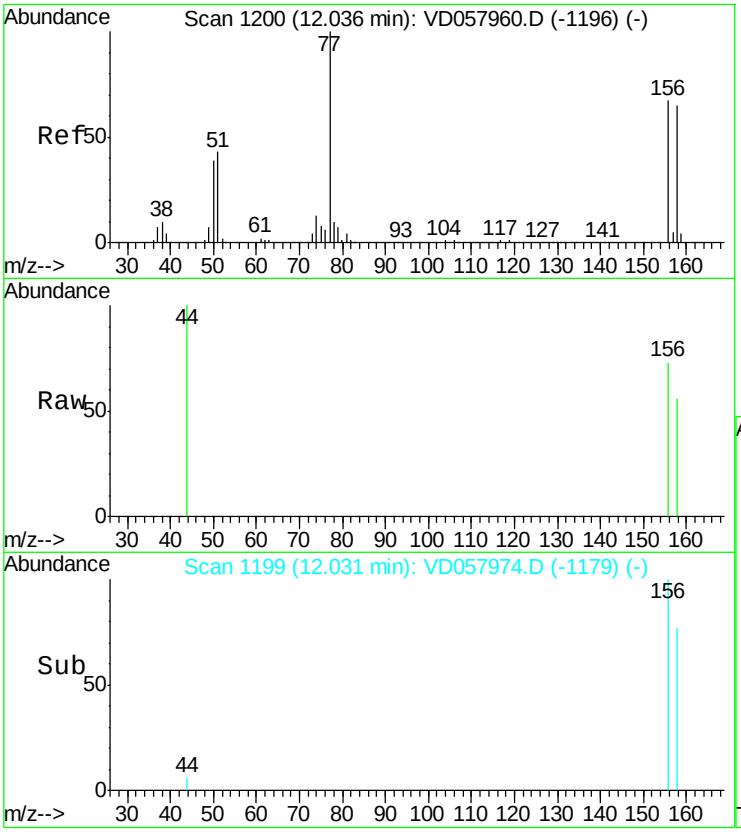


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Tgt Ion:152 Resp: 10018

Ion	Ratio	Lower	Upper
152	100		
115	72.3	25.6	76.6
150	165.3	0.0	306.8



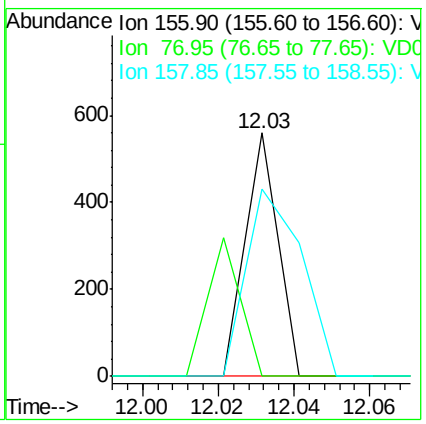


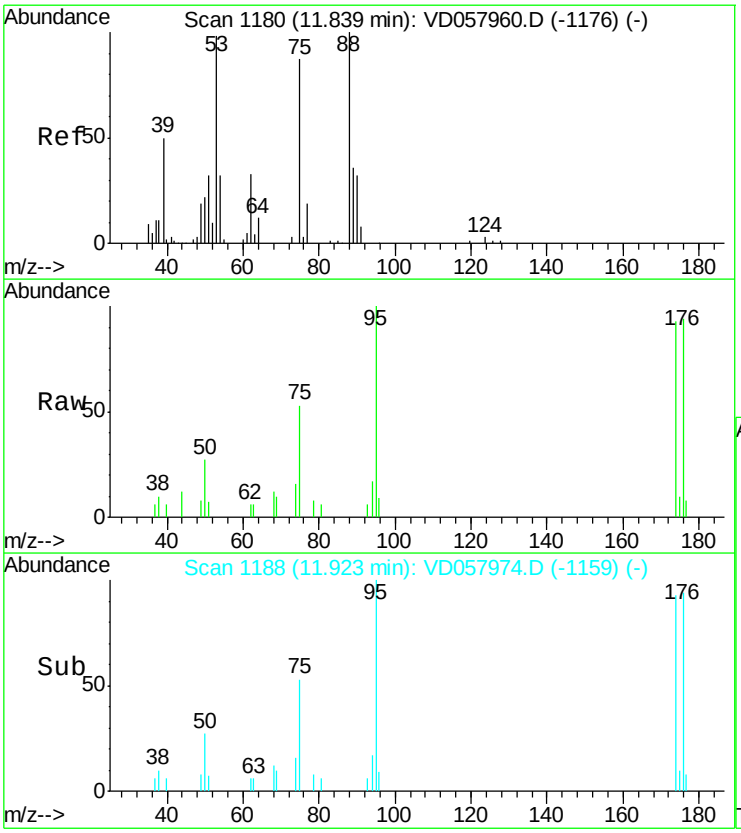
#77
Bromobenzene
Concen: 1.685 ug/l
RT: 12.03 min Scan# 1199
Delta R.T. -0.00 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Instrument : MSVOA_D
ClientSampleId : S39-0178

Tgt Ion:156 Resp: 331

Ion	Ratio	Lower	Upper
156	100		
77	0.0	75.0	224.8#
158	77.0	48.6	145.9

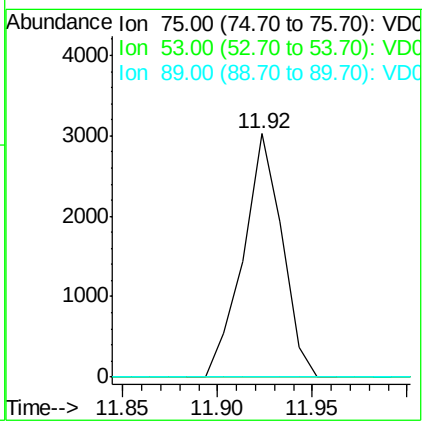


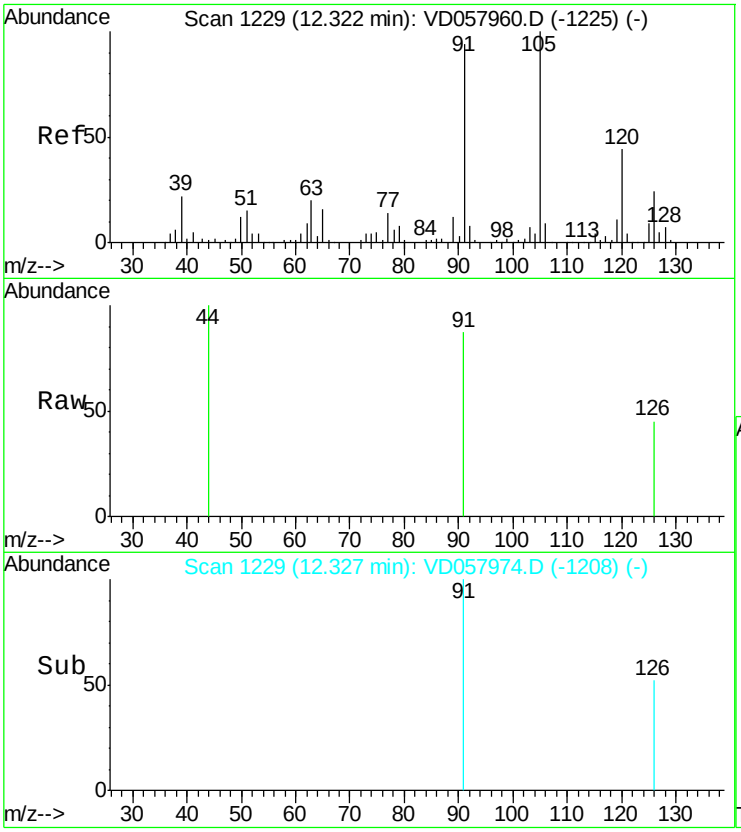


#81
trans-1,4-Dichloro-2-butene
Concen: 116.090 ug/l
RT: 11.92 min Scan# 1188
Delta R.T. 0.08 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Tgt Ion: 75 Resp: 4327

Ion	Ratio	Lower	Upper
75	100		
53	0.0	89.3	133.9#
89	0.0	33.3	49.9#



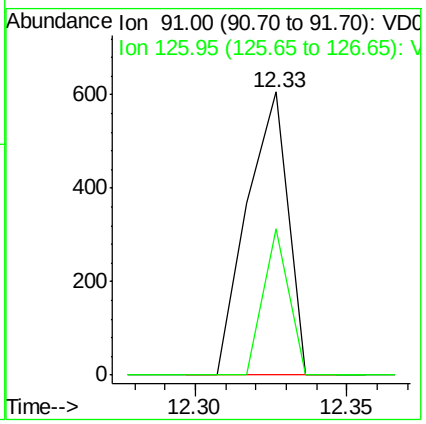


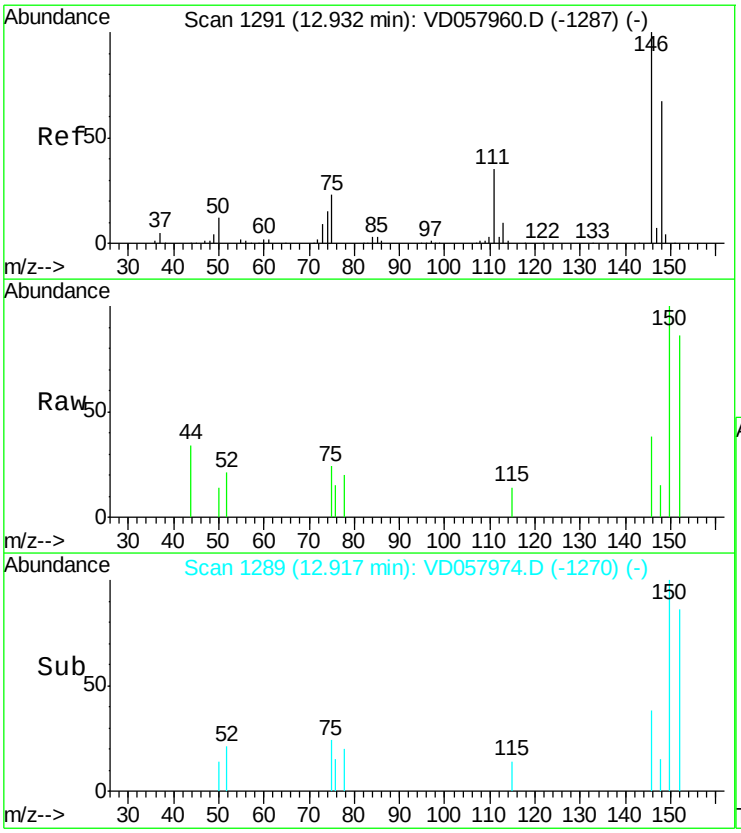
#82
4-Chlorotoluene
Concen: Below Cal
RT: 12.33 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Instrument : MSVOA_D
ClientSampleId : S39-0178

Tgt Ion: 91 Resp: 575

Ion	Ratio	Lower	Upper
91	100		
126	51.8	12.5	37.5#

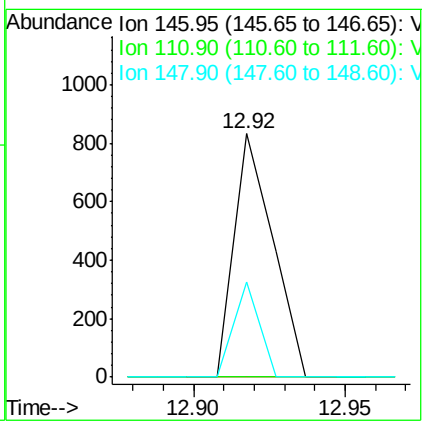


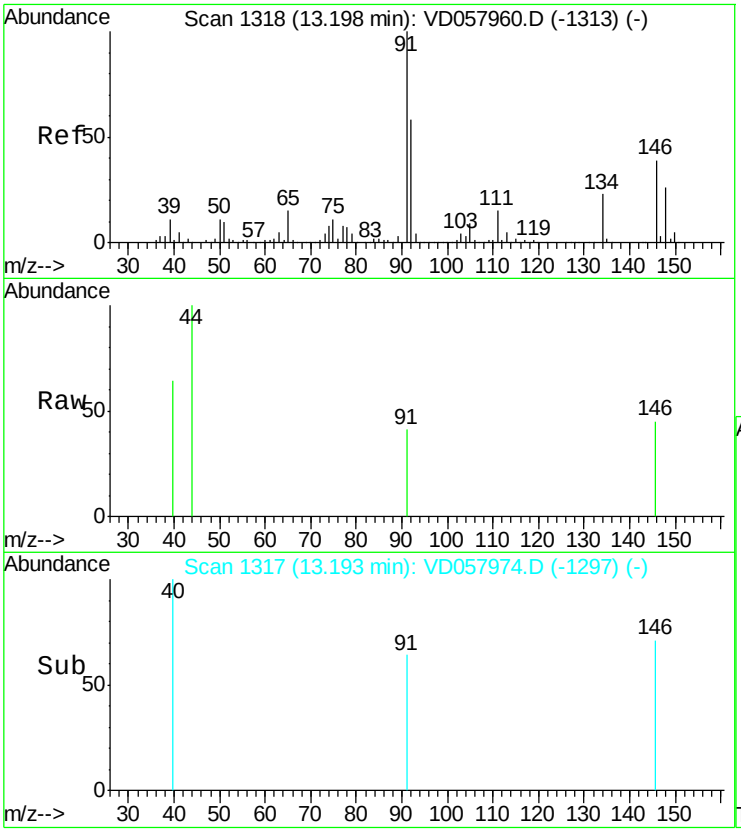


#88
1,4-Dichlorobenzene
Concen: 2.301 ug/l
RT: 12.92 min Scan# 1289
Delta R.T. -0.01 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Tgt Ion:146 Resp: 745

Ion	Ratio	Lower	Upper
146	100		
111	0.0	17.3	52.0#
148	39.1	33.4	100.2



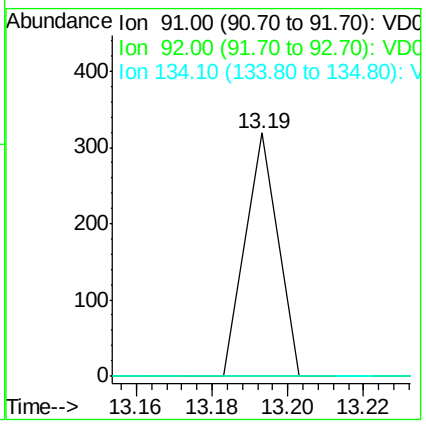


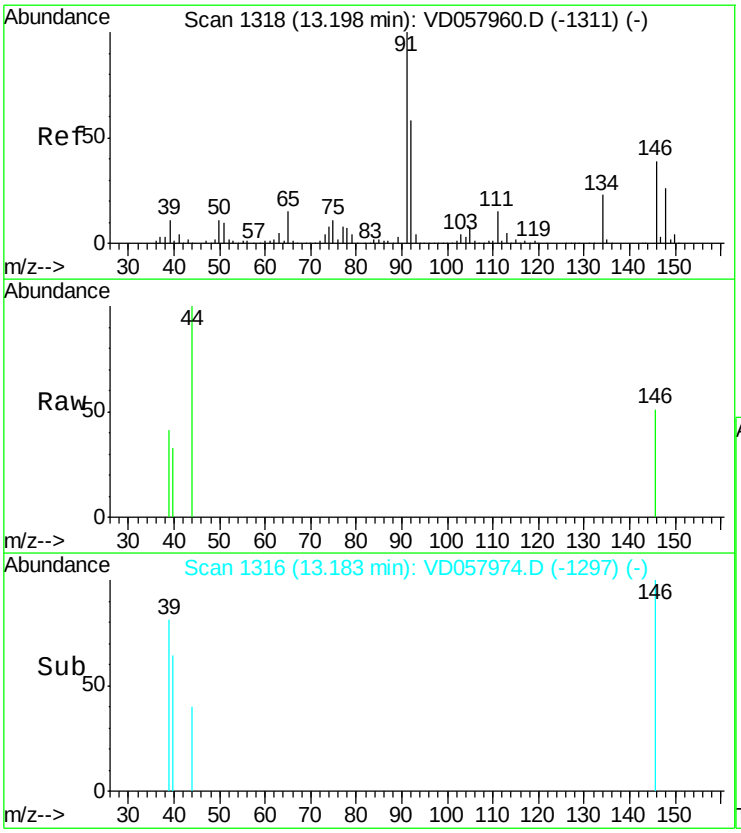
#89
n-Butylbenzene
Concen: Below Cal
RT: 13.19 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Instrument : MSVOA_D
ClientSampleId : S39-0178

Tgt Ion: 91 Resp: 188

Ion	Ratio	Lower	Upper
91	100		
92	0.0	29.2	87.6#
134	0.0	11.3	33.9#

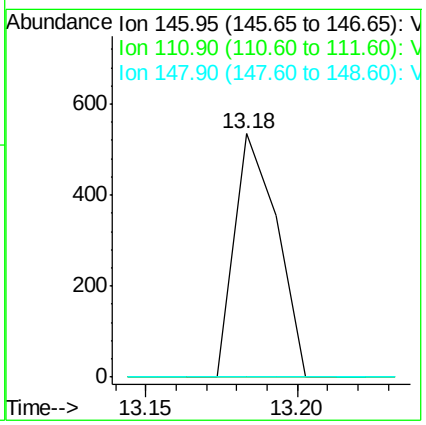


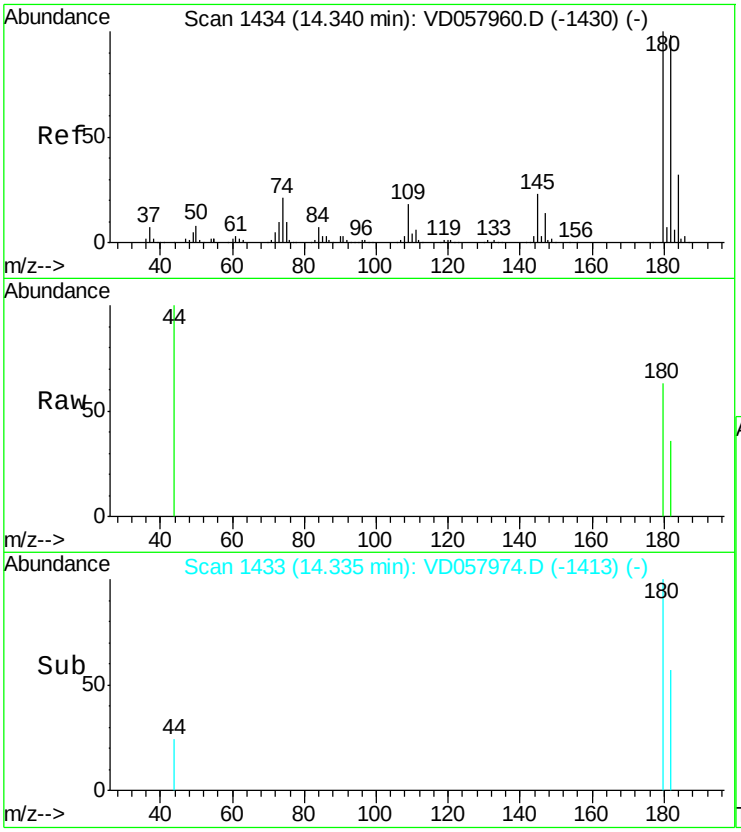


#91
1,2-Dichlorobenzene
Concen: 1.959 ug/l
RT: 13.18 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Tgt Ion:146 Resp: 526

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.4	58.2#
148	0.0	32.6	98.0#



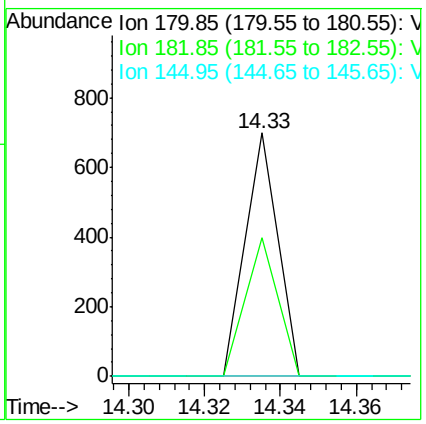


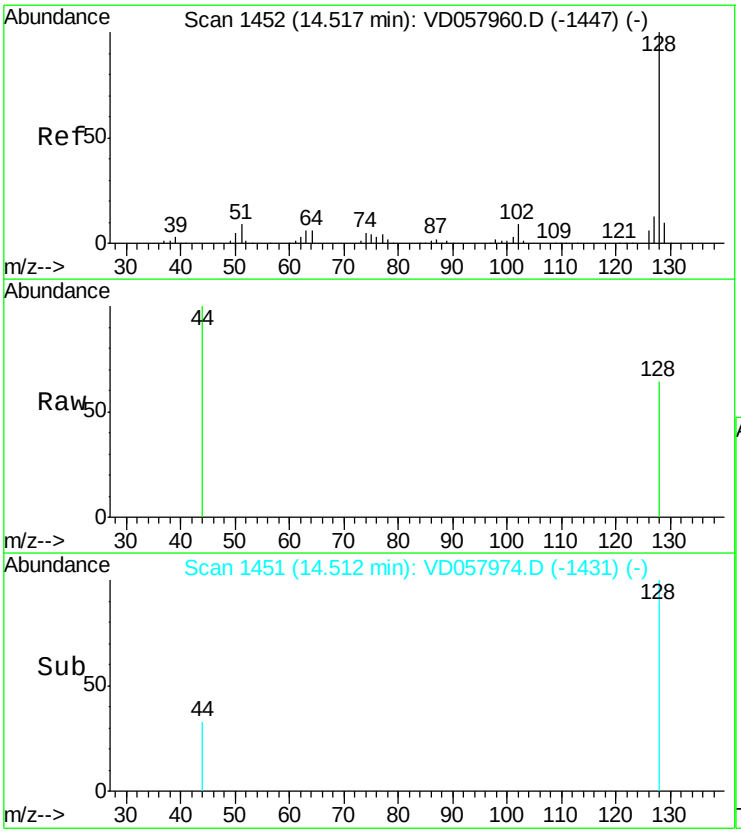
#93
1,2,4-Trichlorobenzene
Concen: 1.646 ug/l
RT: 14.33 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Instrument :
MSVOA_D
ClientSampleId :
S39-0178

Tgt Ion:180 Resp: 413

Ion	Ratio	Lower	Upper
180	100		
182	57.2	49.0	147.2
145	0.0	11.8	35.3#

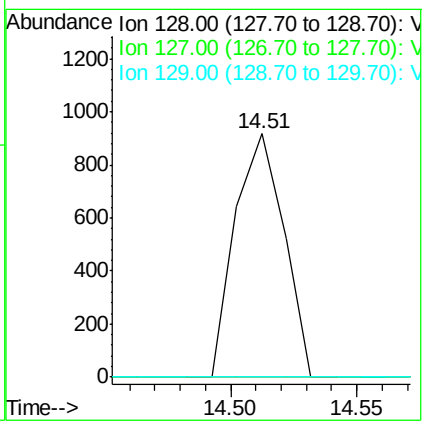


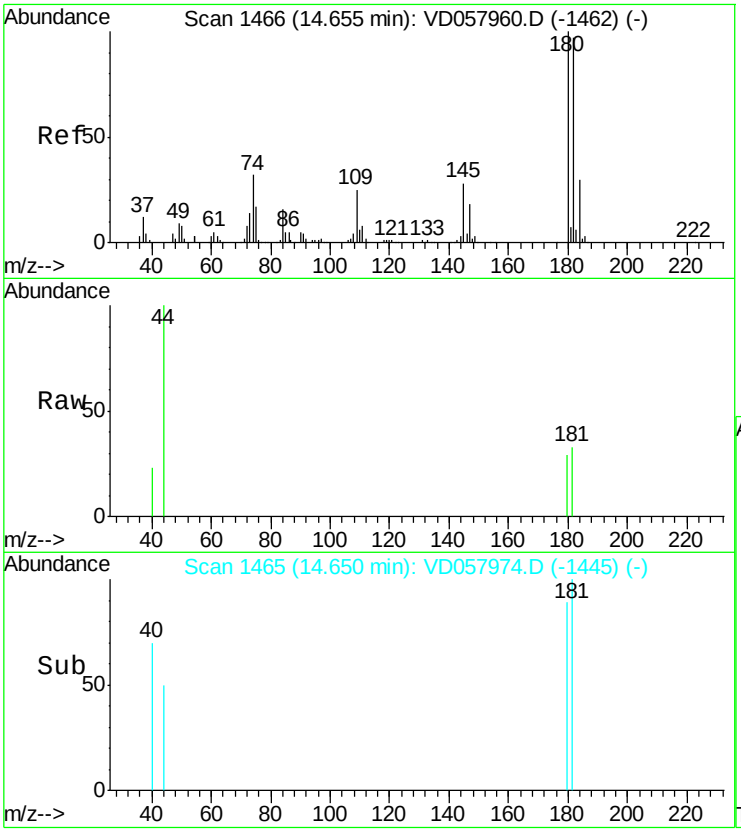


#95
Naphthalene
Concen: 3.800 ug/l
RT: 14.51 min Scan# 1451
Delta R.T. -0.00 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Tgt Ion:128 Resp: 1229

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.2	12.2#





#96
1,2,3-Trichlorobenzene
Concen: 1.127 ug/l
RT: 14.65 min Scan# 1465
Delta R.T. -0.00 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Instrument :
MSVOA_D
ClientSampleId :
S39-0178

Tgt Ion:180 Resp: 241

Ion	Ratio	Lower	Upper
180	100		
182	111.8	48.5	145.5
145	0.0	14.2	42.8#