Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042219\
Data File : VD061947.D
Acq On : 22 Apr 2019 19:11
Operator : VA/AP
Sample : K2484-03
Misc : 7.28g/5ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Apr 22 23:34:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1990	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	8762	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	14657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	8068	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	9229	553.36	ug/l	0.00
Spiked Amount 50.000			Recovery	= 1106.72%		
35) Dibromofluoromethane	6.93	113	5593	84.49	ug/l	0.00
Spiked Amount 50.000			Recovery	= 168.98%		
50) Toluene-d8	10.41	98	8661	55.22	ug/l	0.00
Spiked Amount 50.000			Recovery	= 110.44%		
62) 4-Bromofluorobenzene	13.55	95	8207	129.09	ug/l	0.00
Spiked Amount 50.000			Recovery	= 258.18%		
Target Compounds						Qvalue
5) Bromomethane	2.12	94	660	203.262	ug/l #	12
10) Methyl Iodide	3.33	142	1011	30.017	ug/l #	37
16) Acetone	3.23	43	1270	308.963	ug/l #	50
20) Methylene Chloride	3.83	84	436	18.444	ug/l #	58
81) trans-1,4-Dichloro-2-buten	13.55	75	2705	76.855	ug/l #	16
95) Naphthalene	16.12	128	227	1.241	ug/l #	70

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

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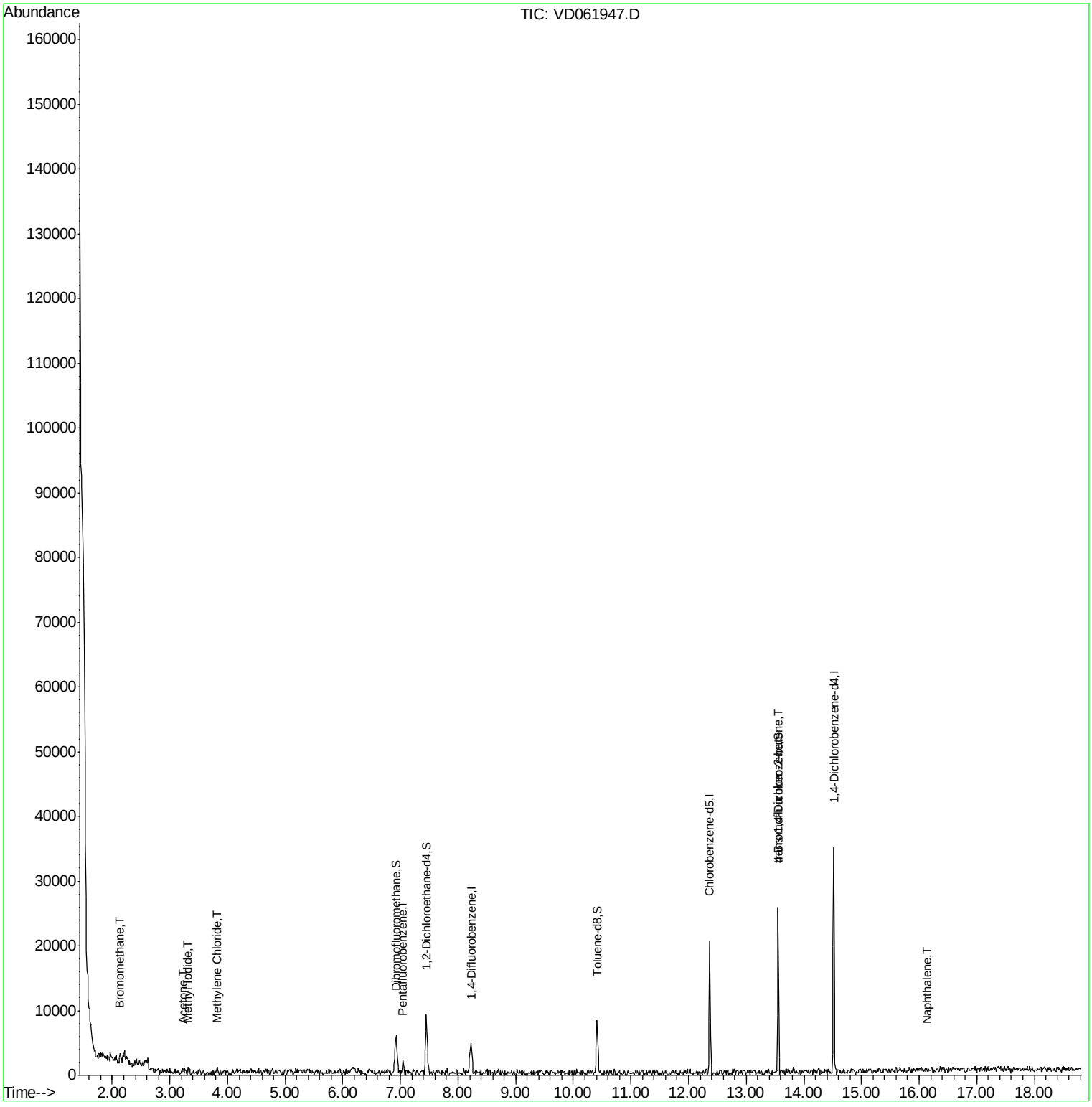
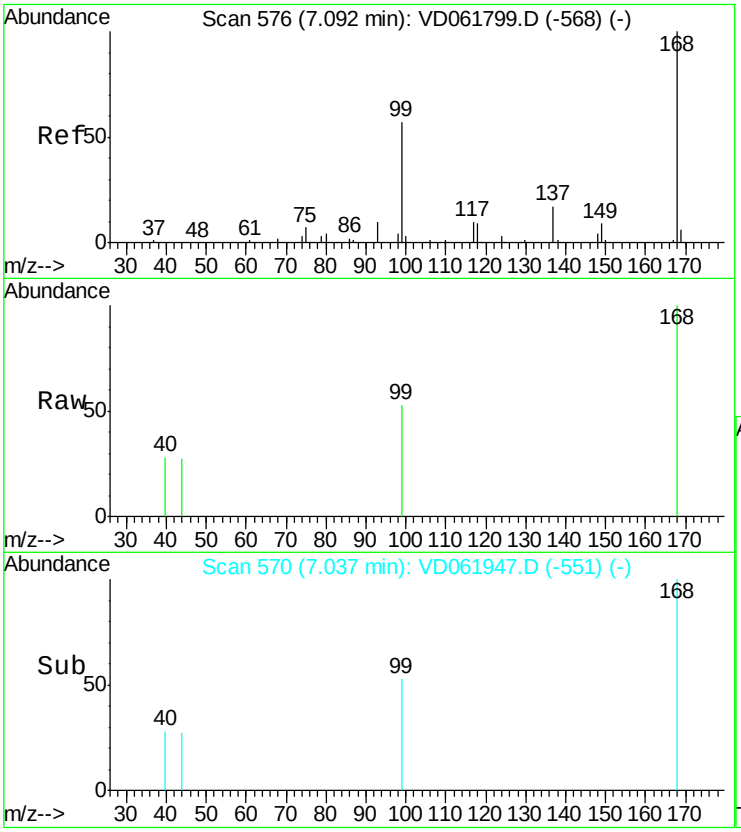


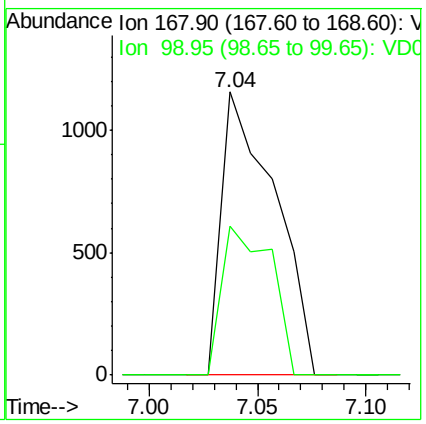


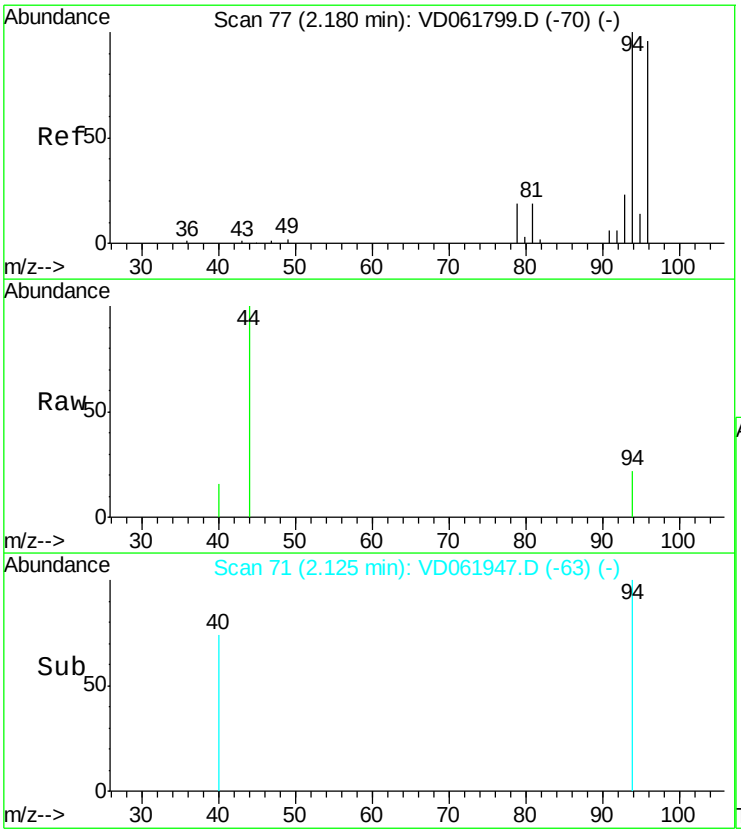
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.01 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 1990

Ion	Ratio	Lower	Upper
168	100		
99	52.5	46.5	69.7

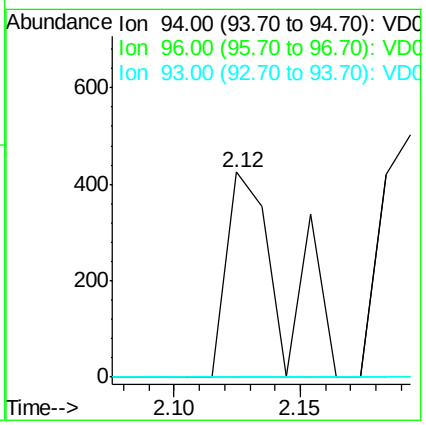


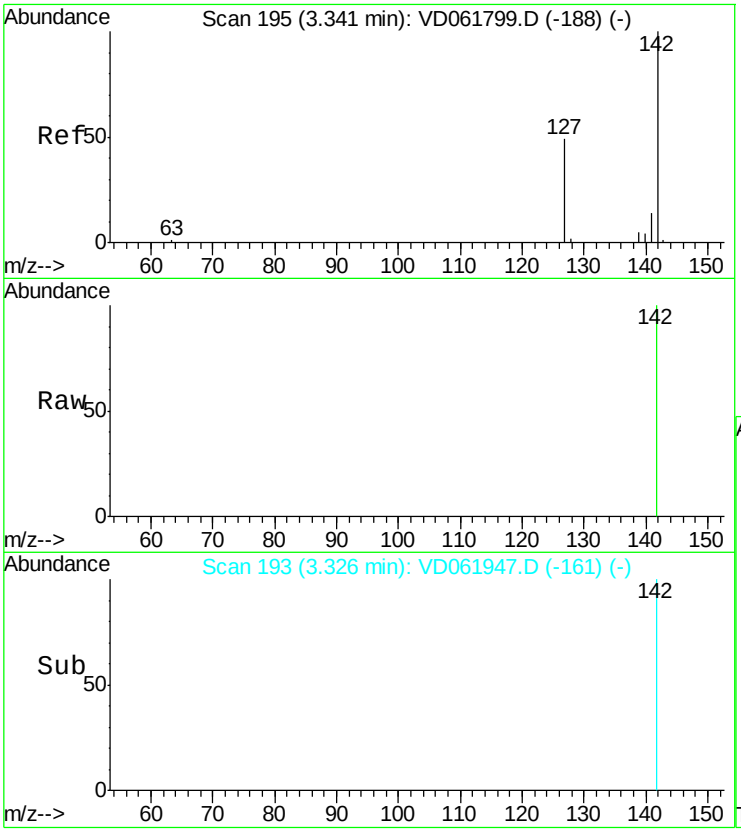


#5
Bromomethane
Concen: 203.262 ug/l
RT: 2.12 min Scan# 71
Delta R.T. -0.02 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

Tgt Ion: 94 Resp: 660

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.6	115.0#
93	0.0	18.5	27.7#



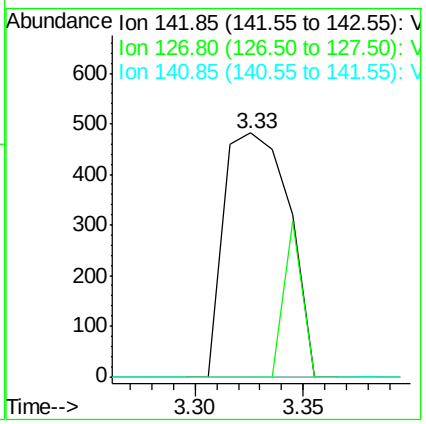


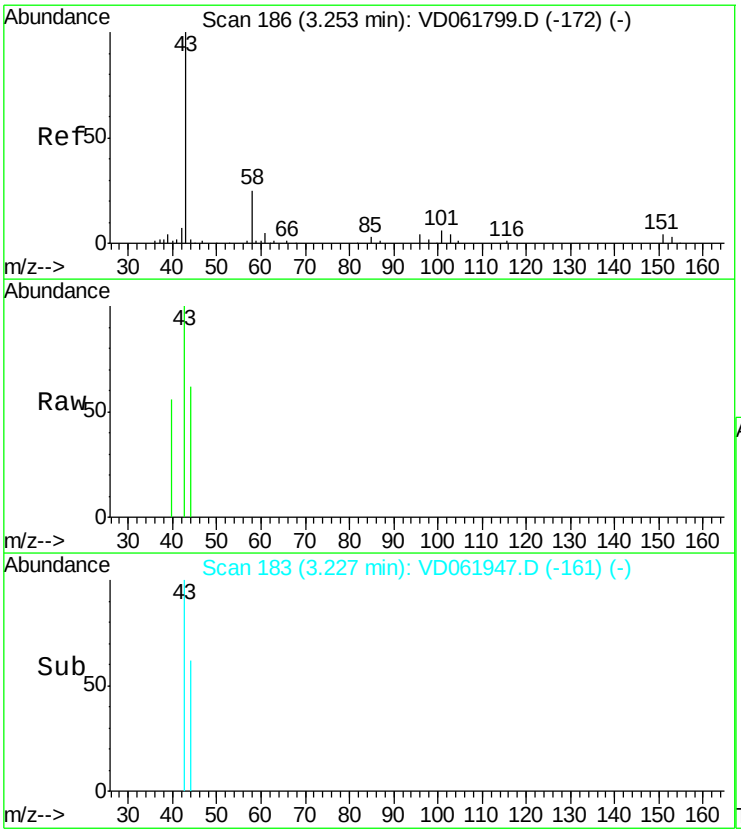
#10
Methyl Iodide
Concen: 30.017 ug/l
RT: 3.33 min Scan# 193
Delta R.T. 0.02 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:142 Resp: 1011

Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.8	58.2#
141	0.0	11.4	17.0#

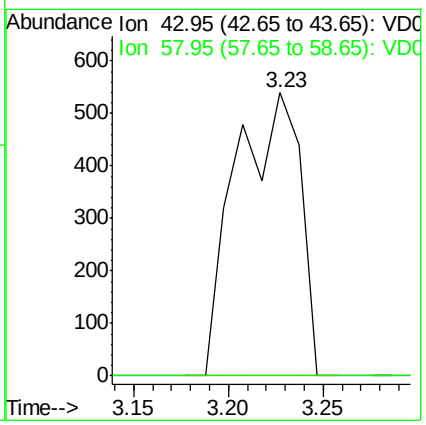


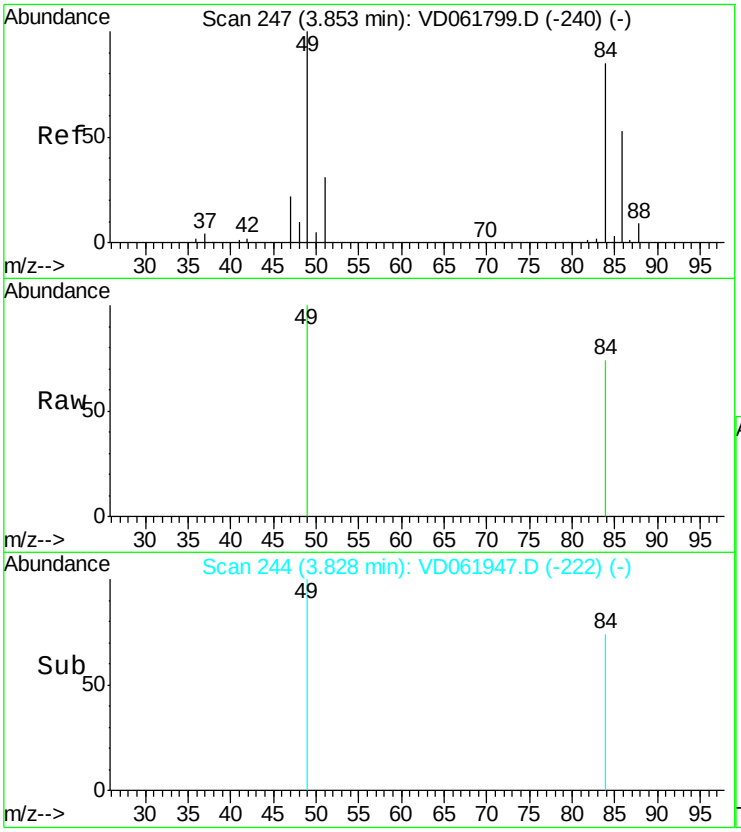


#16
Acetone
Concen: 308.963 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.02 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

Tgt Ion: 43 Resp: 1270

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.9	29.9#



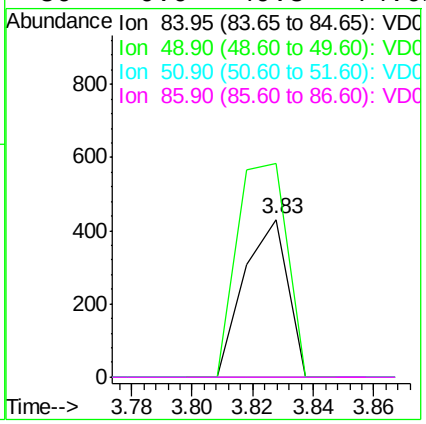


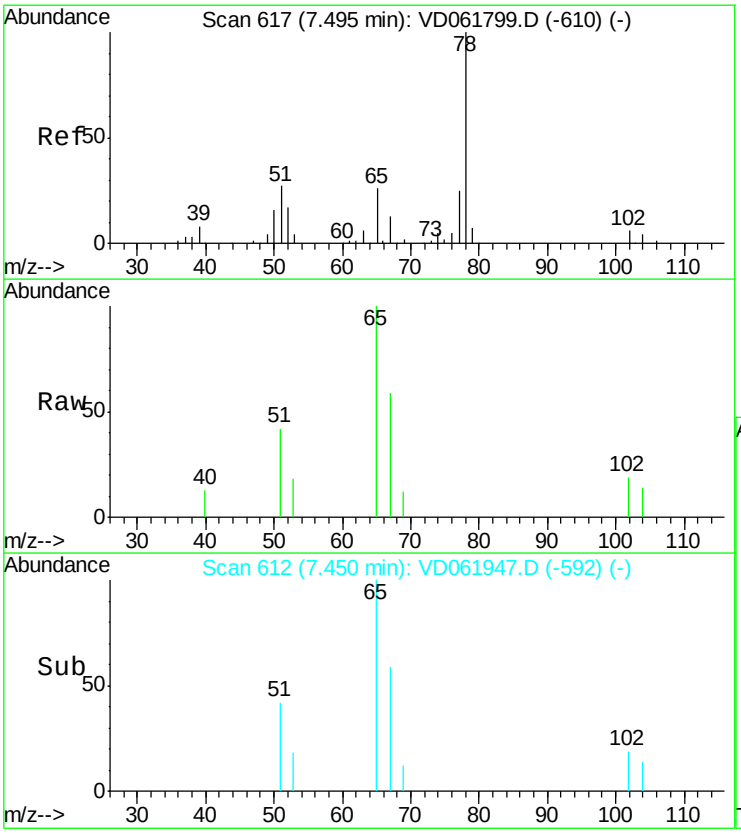
#20
Methylene Chloride
Concen: 18.444 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 436

Ion	Ratio	Lower	Upper
84	100		
49	135.5	94.0	141.0
51	0.0	29.0	43.4#
86	0.0	49.8	74.6#

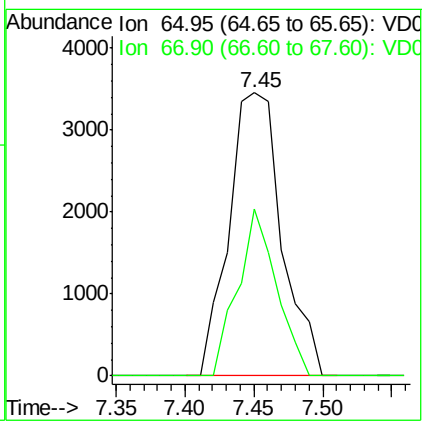


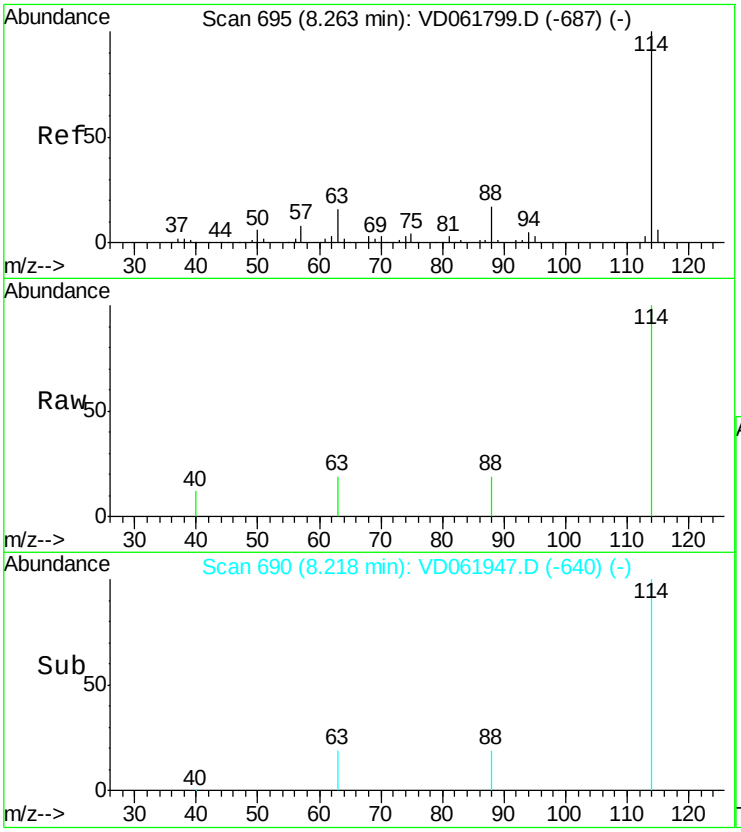


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

Tgt Ion: 65 Resp: 9229

Ion	Ratio	Lower	Upper
65	100		
67	59.0	0.0	98.0



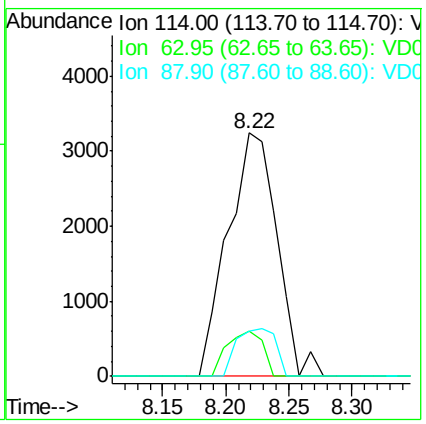


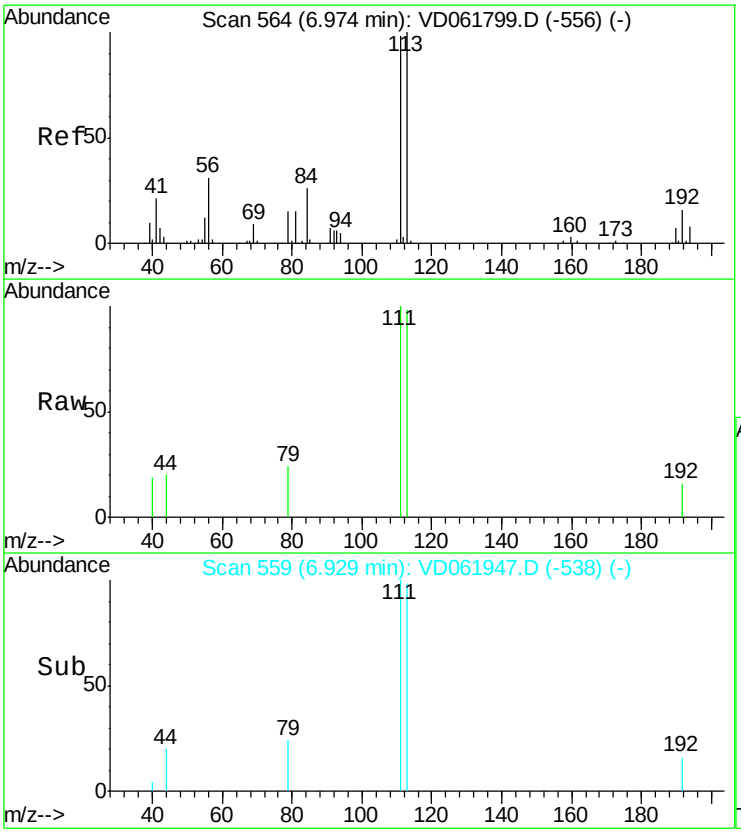
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.00 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 8762

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	32.4
88	18.6	0.0	33.6

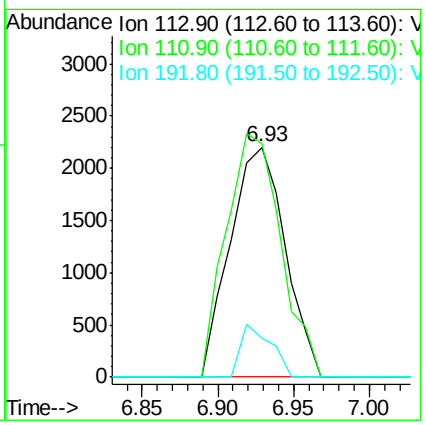


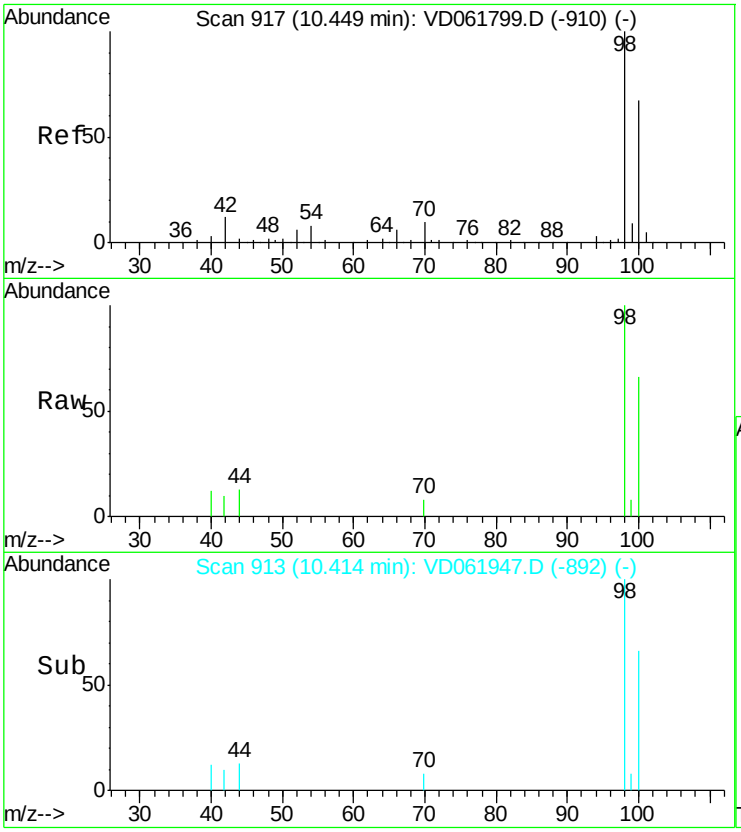


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.01 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

Tgt Ion:113 Resp: 5593

Ion	Ratio	Lower	Upper
113	100		
111	101.9	78.5	117.7
192	16.8	13.0	19.4



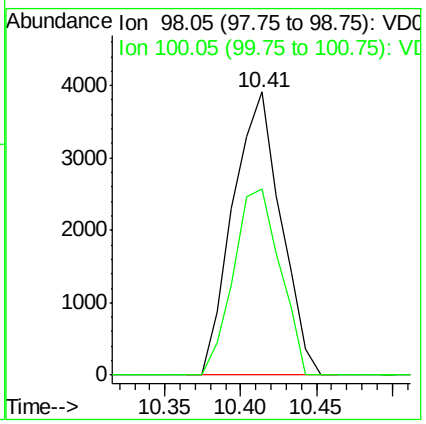


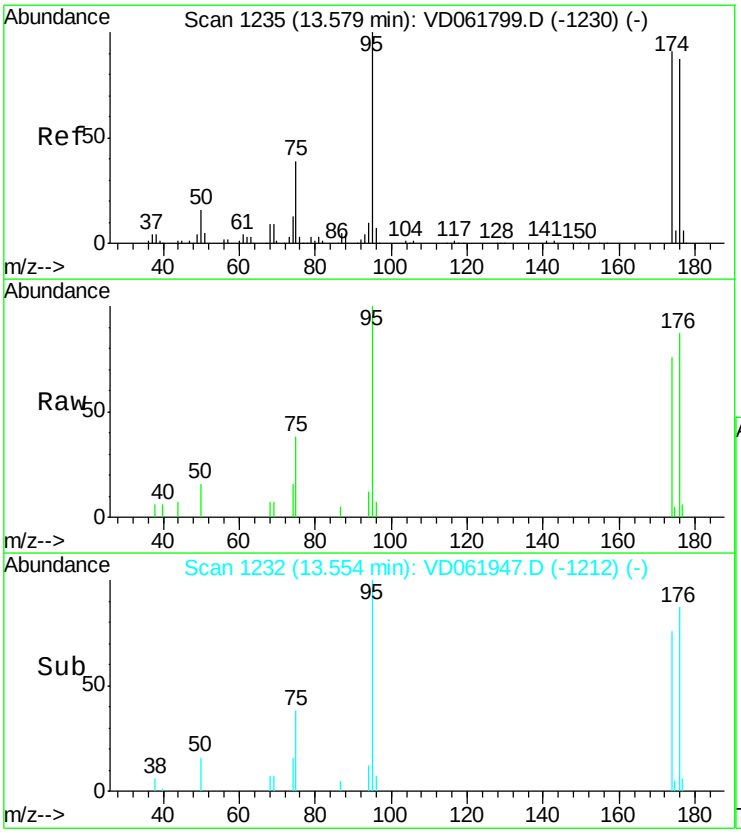
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 8661

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.8	80.8

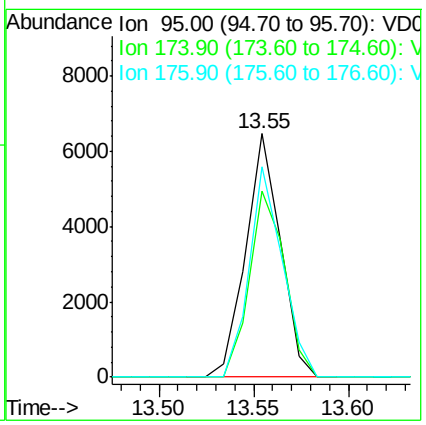


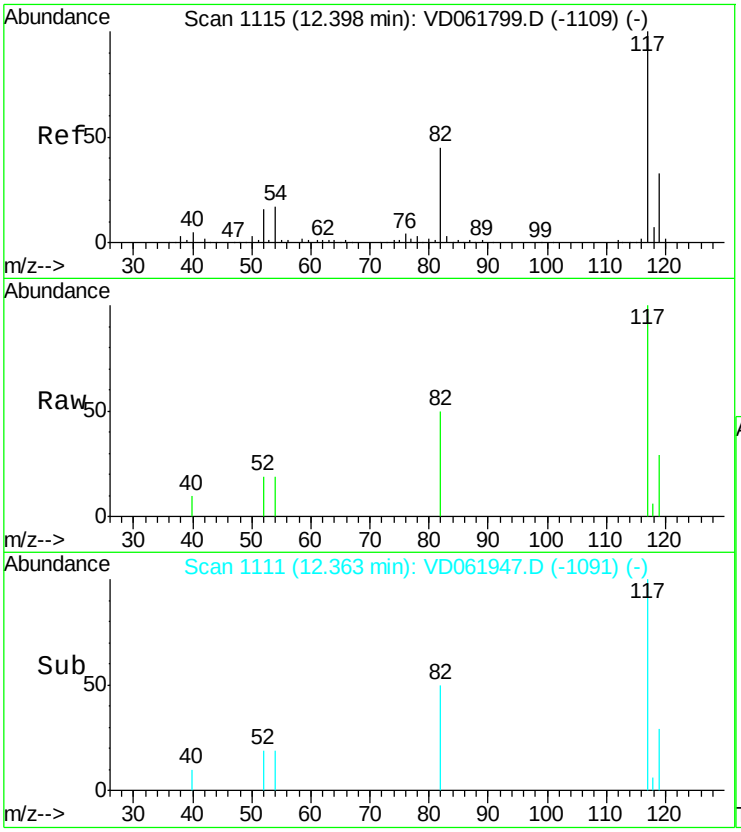


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

Tgt Ion: 95 Resp: 8207

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	181.8
176	86.5	0.0	174.4



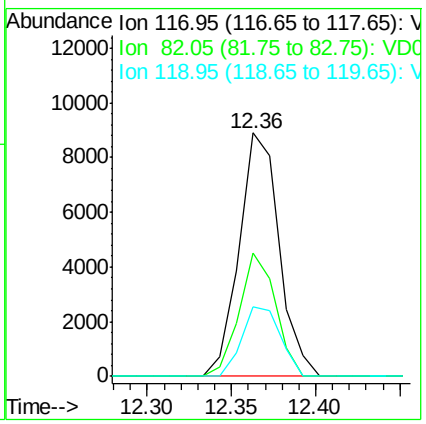


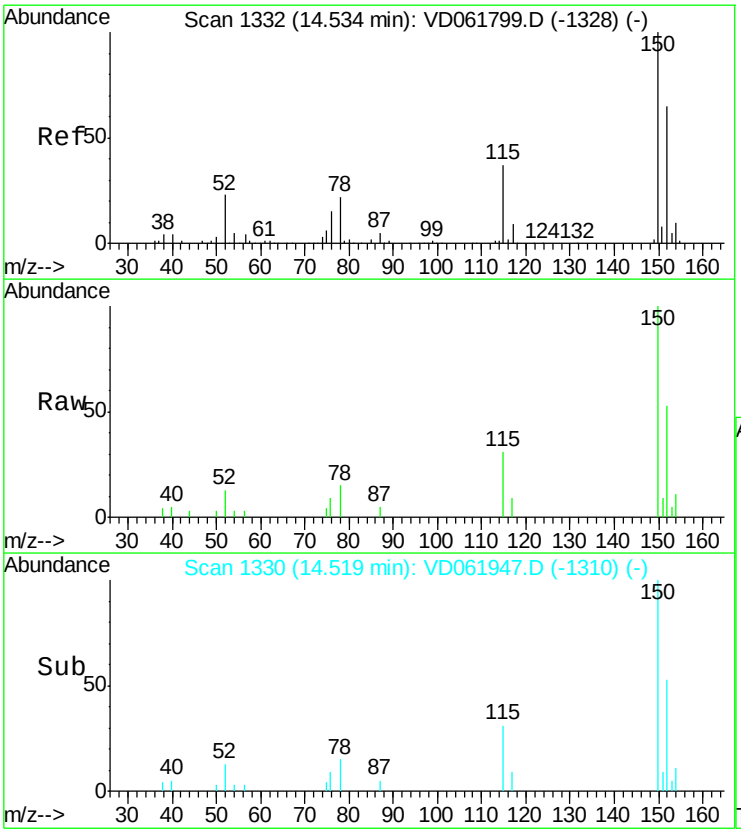
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 14657

Ion	Ratio	Lower	Upper
117	100		
82	50.4	36.2	54.2
119	28.8	26.2	39.4

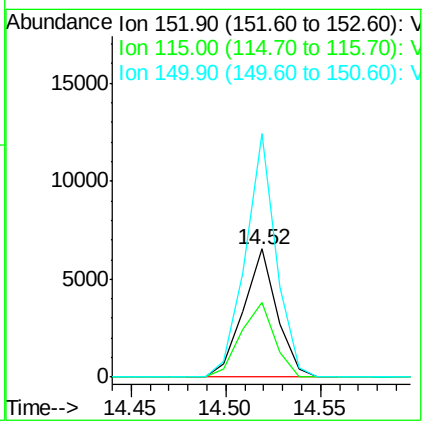


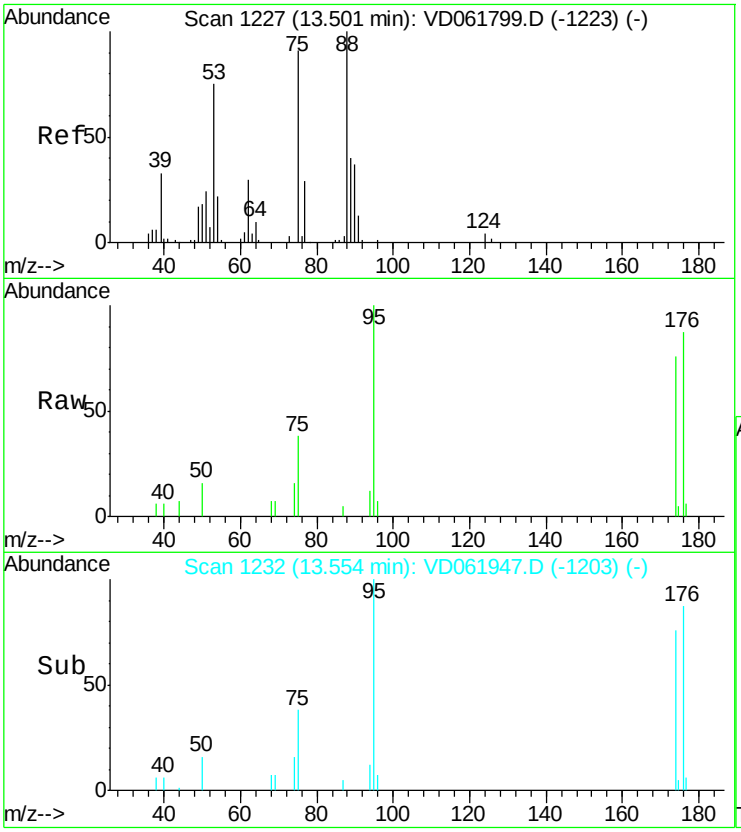


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

Tgt Ion:152 Resp: 8068

Ion	Ratio	Lower	Upper
152	100		
115	58.7	30.9	92.7
150	190.5	0.0	314.8



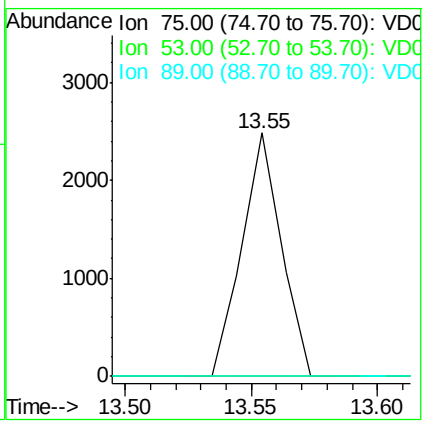


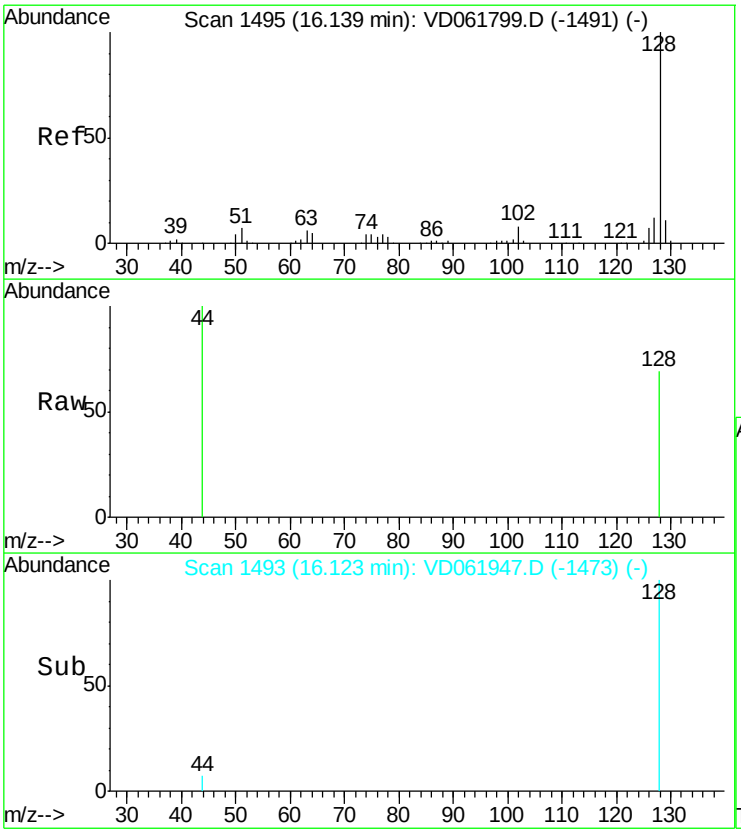
#81
trans-1,4-Dichloro-2-butene
Concen: 76.855 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 2705

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.8	98.8#
89	0.0	35.0	52.6#





#95
Naphthalene
Concen: 1.241 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VD061947.D
Acq: 22 Apr 2019 19:11

Tgt Ion:128 Resp: 227

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.8#
129	0.0	8.8	13.2#