Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040419\
Data File : VD061613.D
Acq On : 5 Apr 2019 9:23
Operator : VA/AP
Sample : K2264-04
Misc : 5.57g/5ml/MSVOA_D/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Apr 05 23:20:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	17068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	35059	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	35120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	14463	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	9870	67.69	ug/l	-0.01
Spiked Amount 50.000			Recovery = 135.38%			
35) Dibromofluoromethane	6.91	113	10212	38.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.24%			
50) Toluene-d8	10.39	98	18948	29.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 58.98%			
62) 4-Bromofluorobenzene	13.54	95	9752	39.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.16%			
Target Compounds						Qvalue
5) Bromomethane	2.16	94	213	7.870	ug/l #	1
16) Acetone	3.20	43	11695	312.027	ug/l #	85
20) Methylene Chloride	3.81	84	5100	23.263	ug/l	90
38) Carbon Tetrachloride	7.02	117	783	2.227	ug/l #	10
81) trans-1,4-Dichloro-2-buten	13.53	75	3656	57.394	ug/l #	18
95) Naphthalene	16.11	128	298	1.035	ug/l #	70

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

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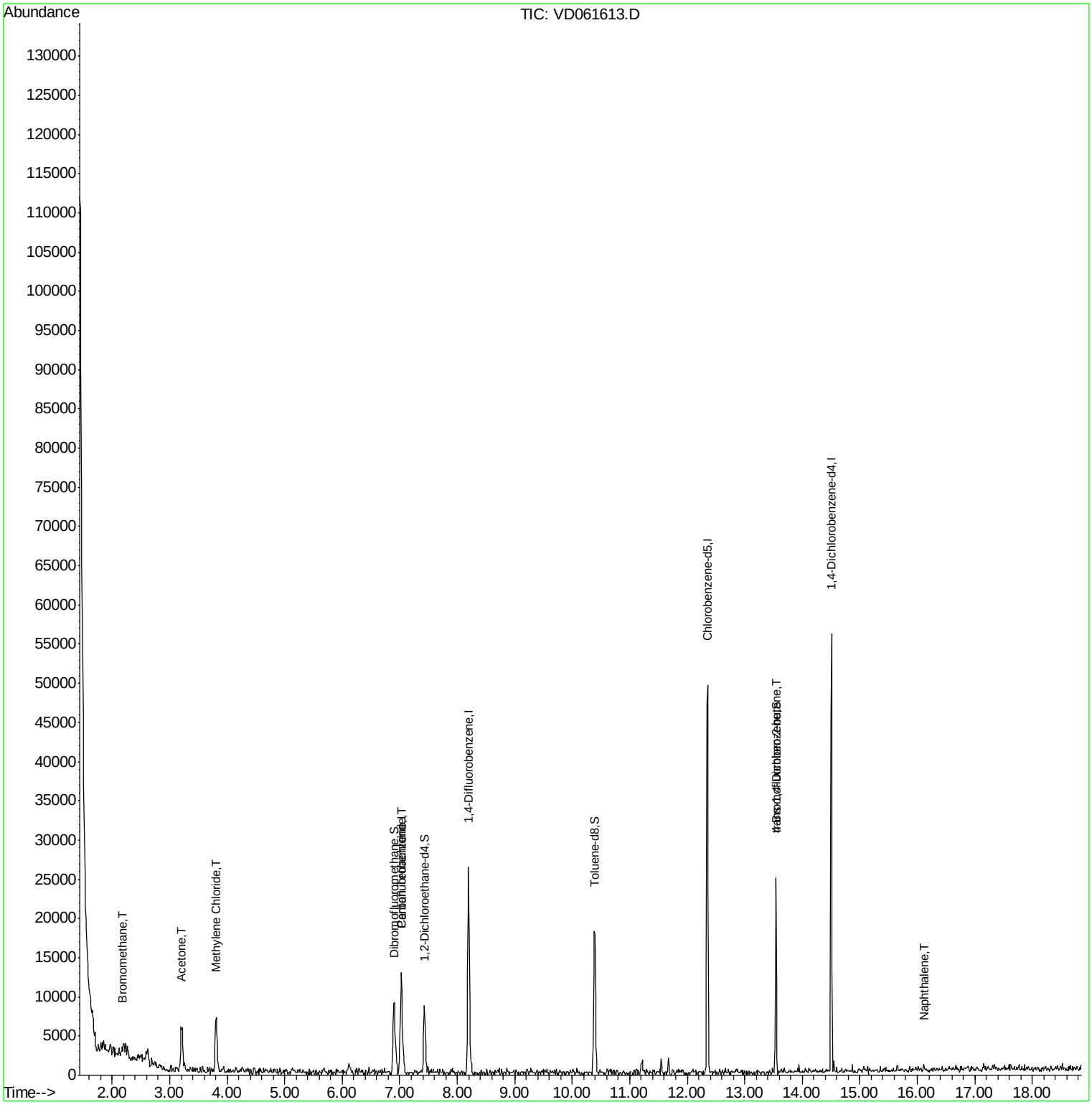
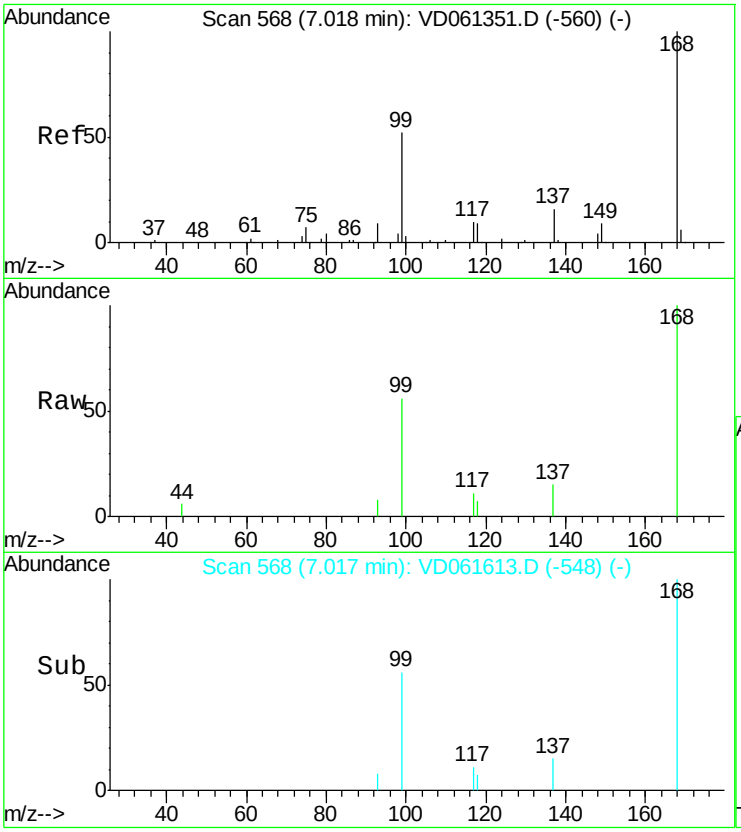


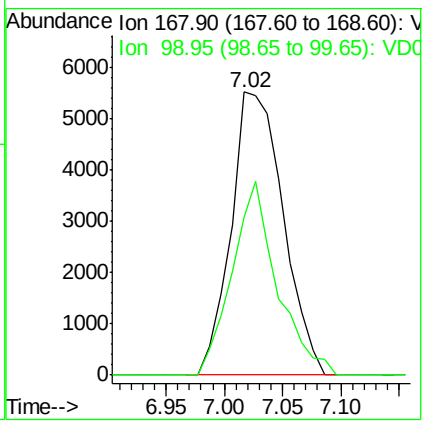


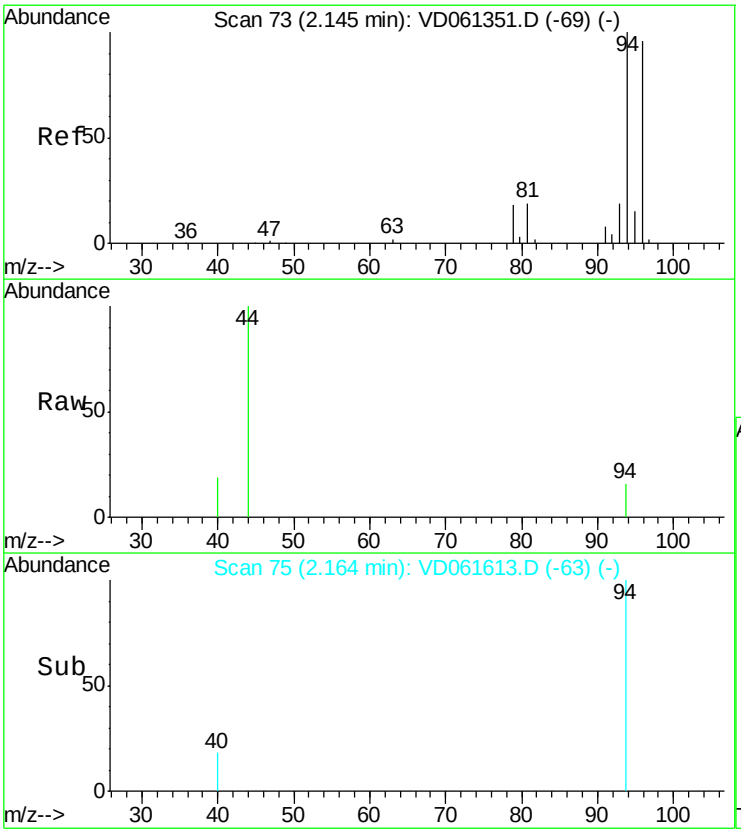
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.00 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 17068

Ion	Ratio	Lower	Upper
168	100		
99	55.7	43.1	64.7

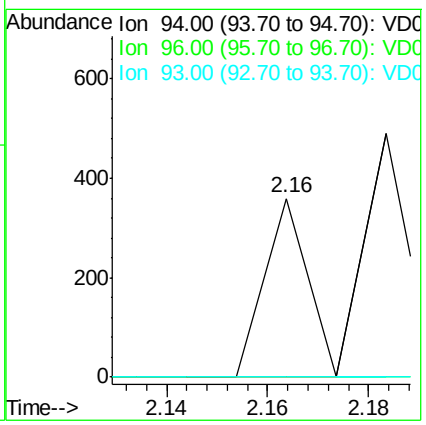


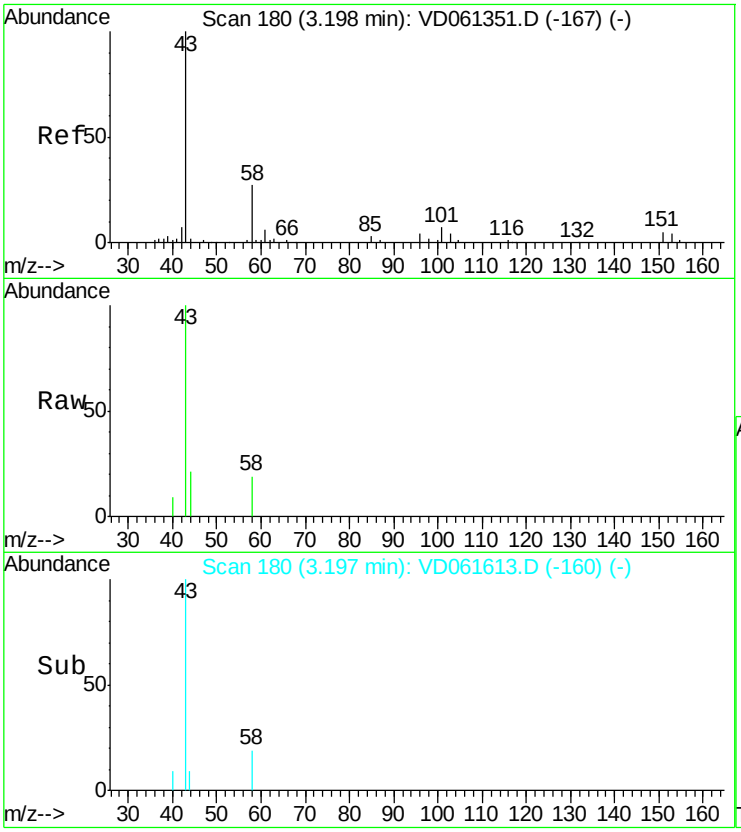


#5
Bromomethane
Concen: 7.870 ug/l
RT: 2.16 min Scan# 75
Delta R.T. 0.02 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Tgt Ion: 94 Resp: 213

Ion	Ratio	Lower	Upper
94	100		
96	0.0	78.3	117.5#
93	100.0	15.6	23.4#



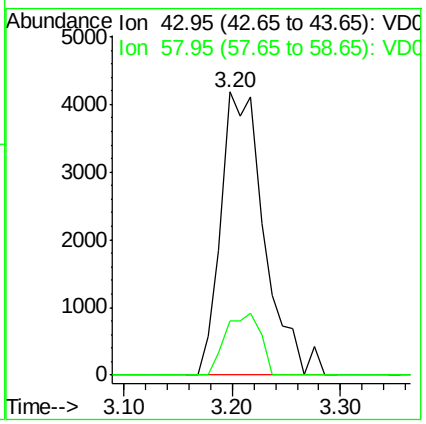


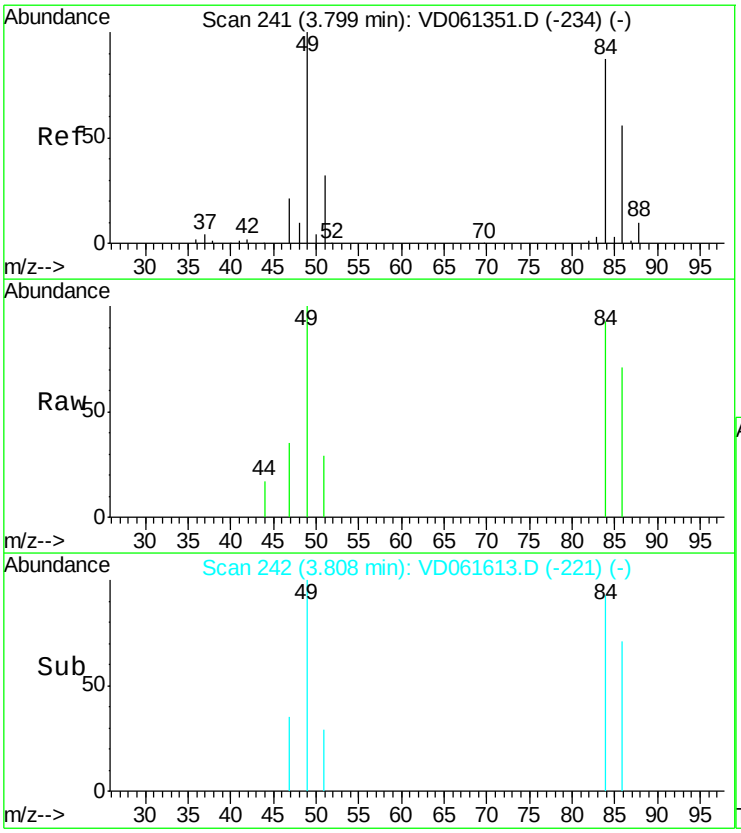
#16
Acetone
Concen: 312.027 ug/l
RT: 3.20 min Scan# 180
Delta R.T. -0.00 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 11695

Ion	Ratio	Lower	Upper
43	100		
58	19.2	21.5	32.3#

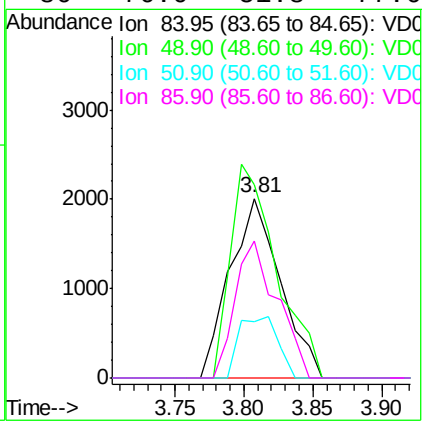


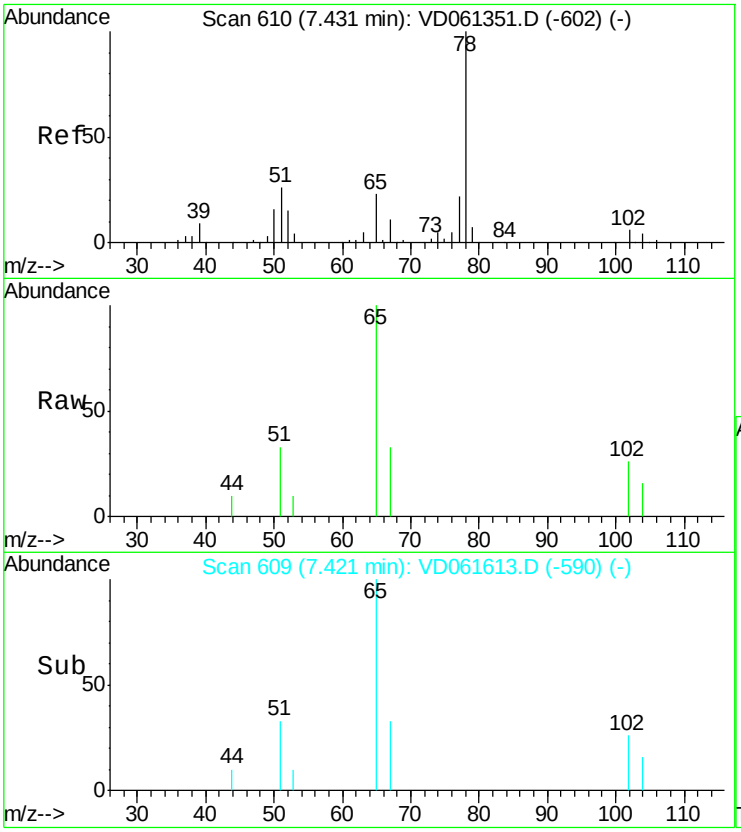


#20
Methylene Chloride
Concen: 23.263 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Tgt Ion: 84 Resp: 5100

Ion	Ratio	Lower	Upper
84	100		
49	107.3	91.8	137.8
51	31.1	29.8	44.8
86	76.0	51.8	77.6



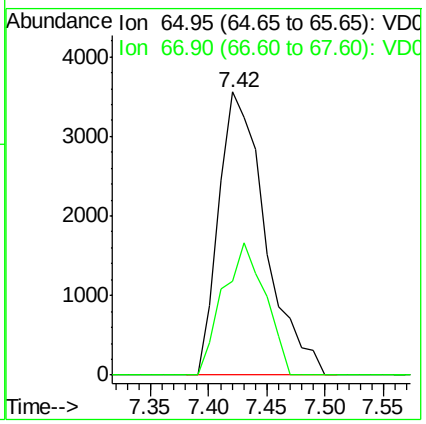


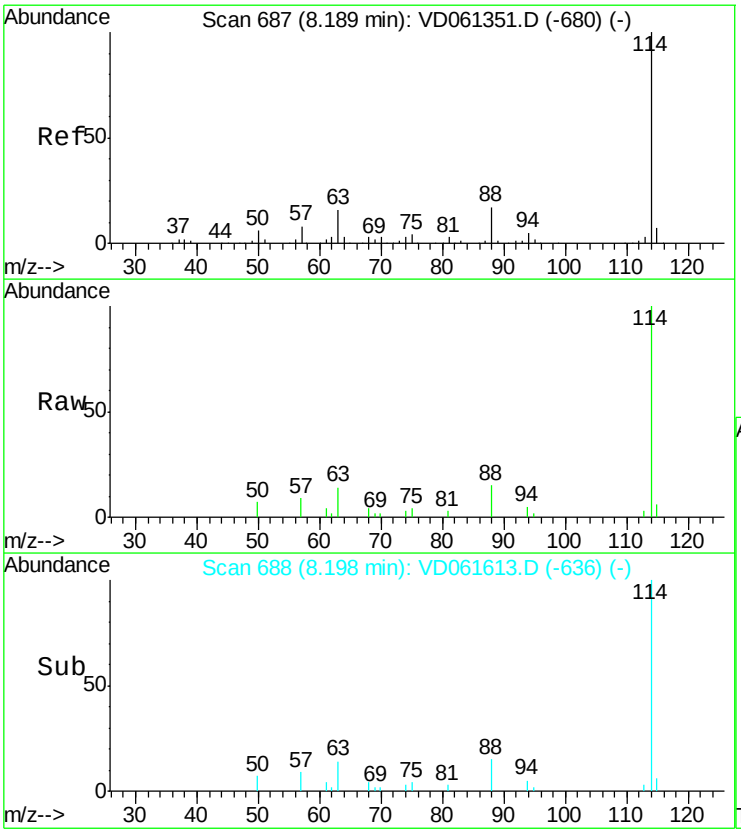
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.42 min Scan# 609
Delta R.T. -0.01 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 9870

Ion	Ratio	Lower	Upper
65	100		
67	33.0	0.0	99.8

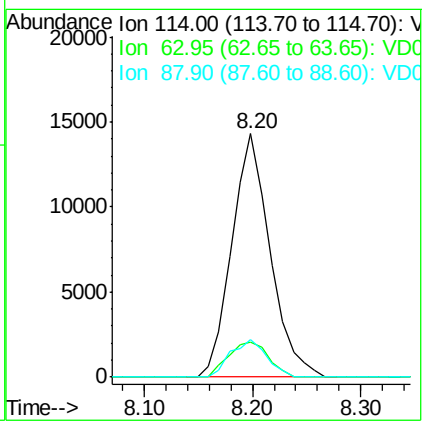


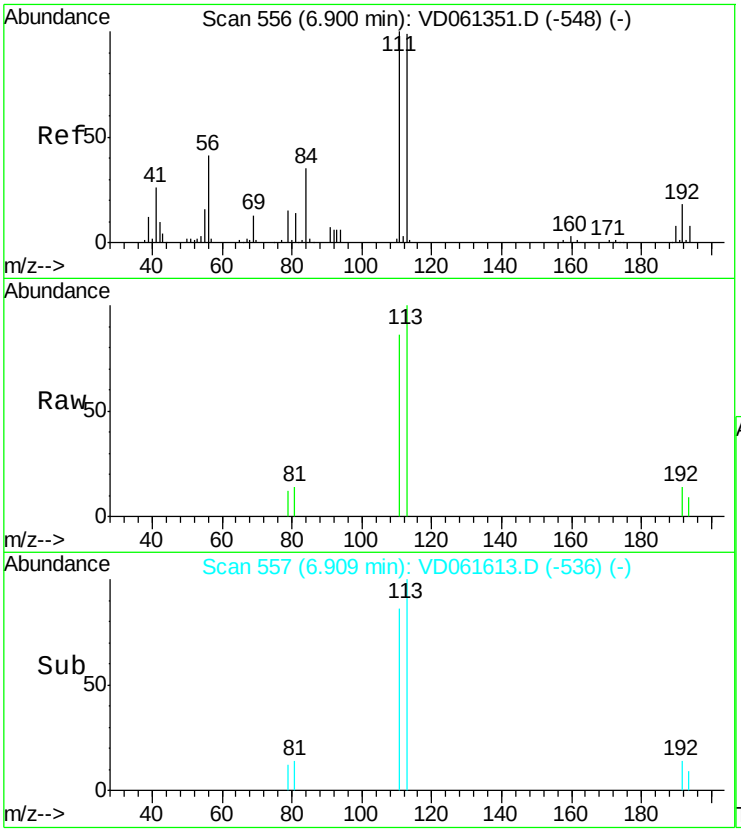


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 688
Delta R.T. 0.01 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Tgt Ion:114 Resp: 35059

Ion	Ratio	Lower	Upper
114	100		
63	14.5	0.0	31.6
88	15.5	0.0	33.4



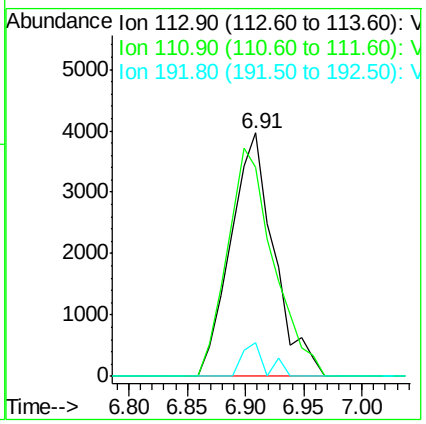


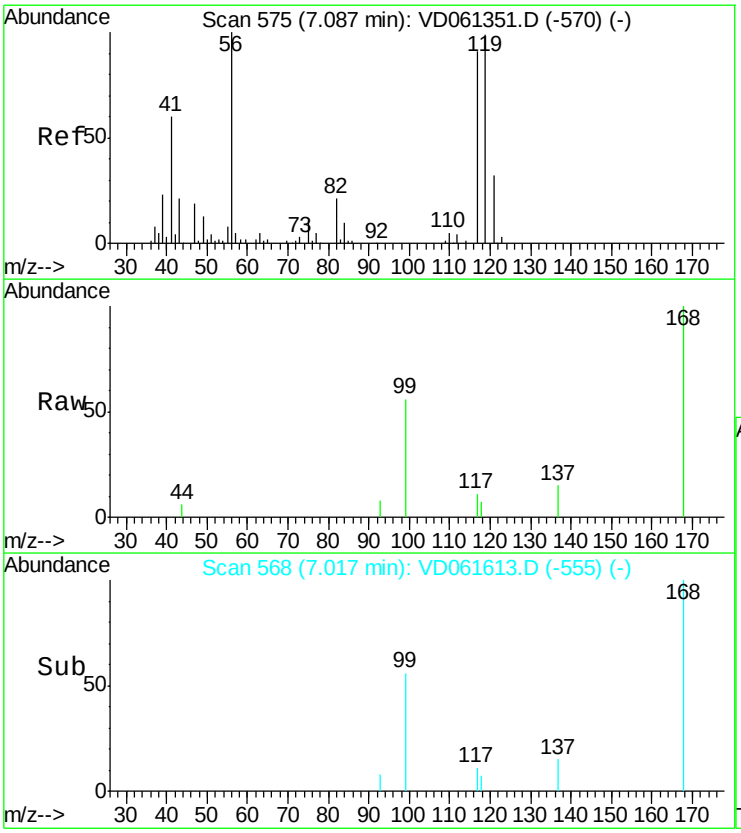
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.91 min Scan# 557
Delta R.T. 0.01 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 10212

Ion	Ratio	Lower	Upper
113	100		
111	85.8	81.0	121.6
192	13.6	14.4	21.6#

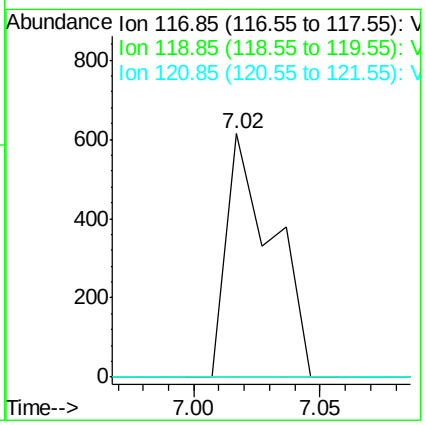


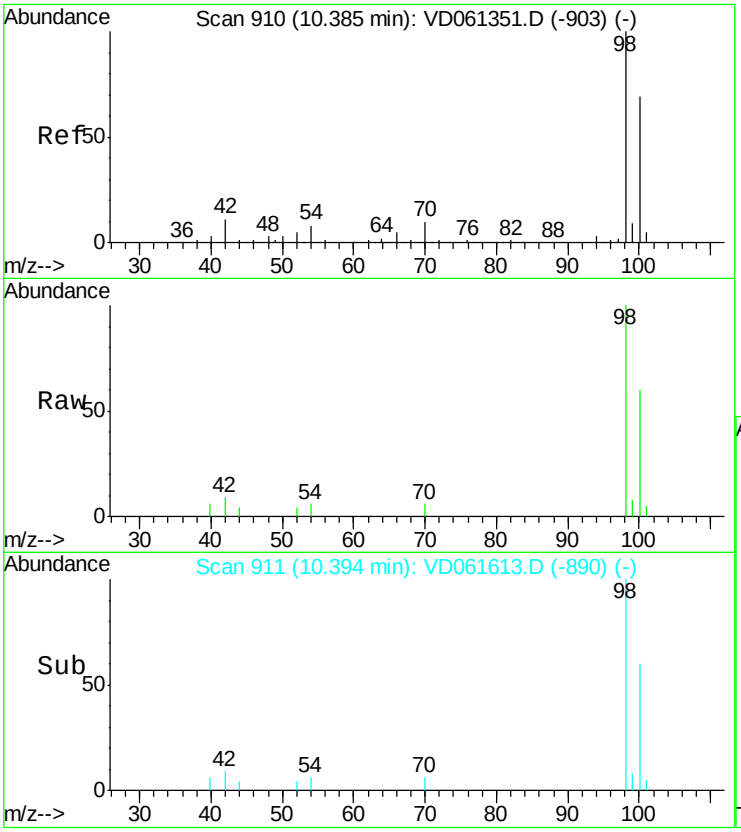


#38
Carbon Tetrachloride
Concen: 2.227 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.07 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Tgt Ion:117 Resp: 783

Ion	Ratio	Lower	Upper
117	100		
119	0.0	80.1	120.1#
121	0.0	25.6	38.4#



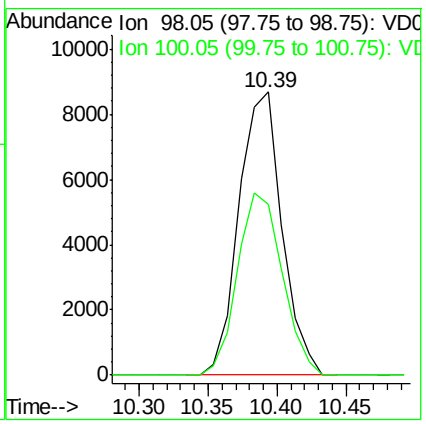


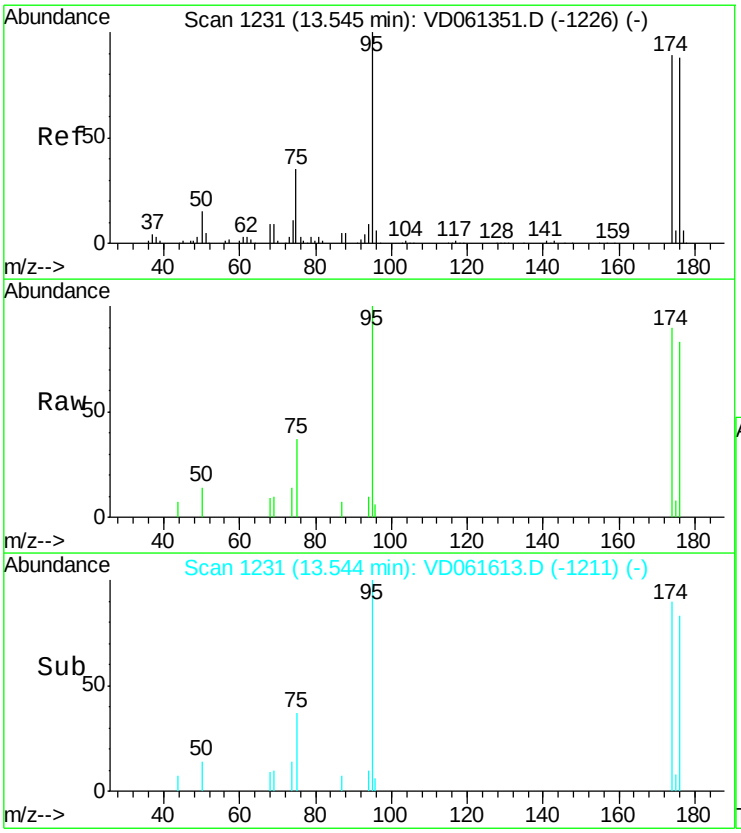
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.01 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 18948

Ion	Ratio	Lower	Upper
98	100		
100	60.3	56.2	84.2

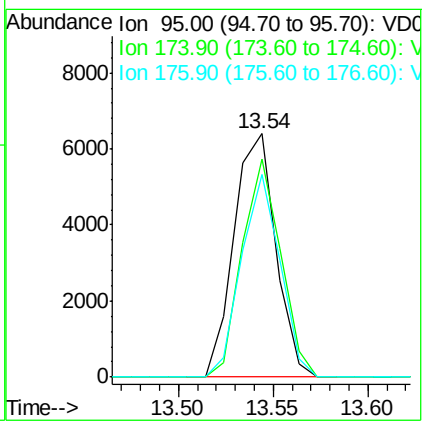


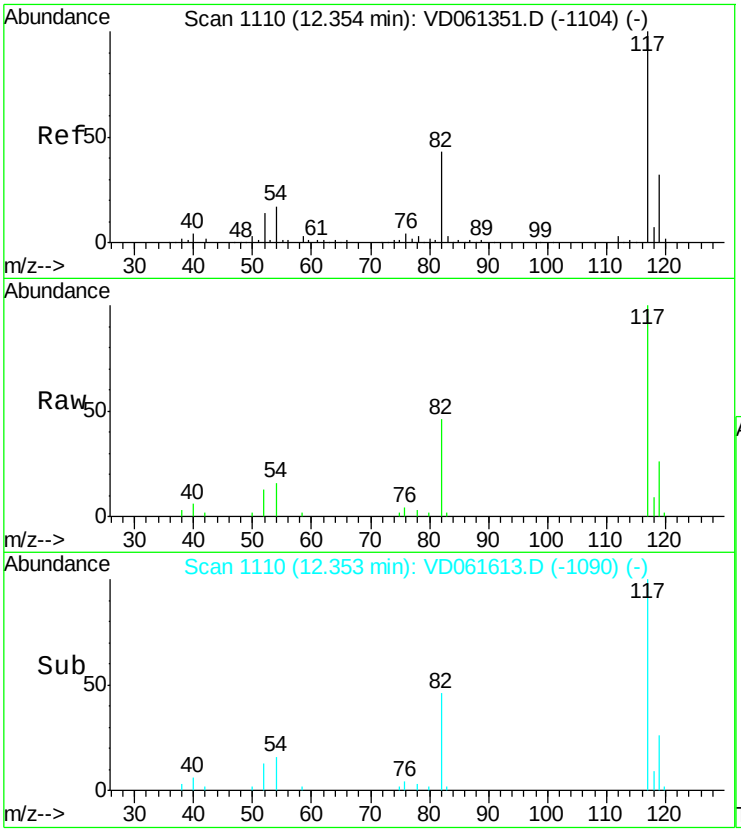


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Tgt Ion: 95 Resp: 9752

Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	178.0
176	83.5	0.0	175.0



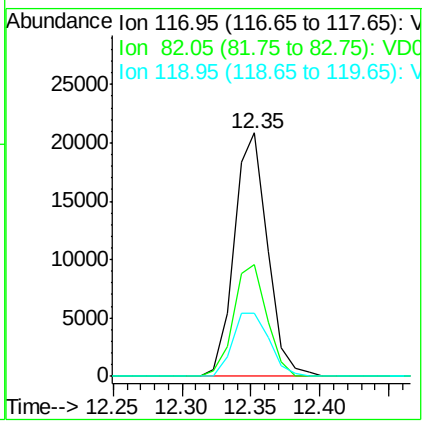


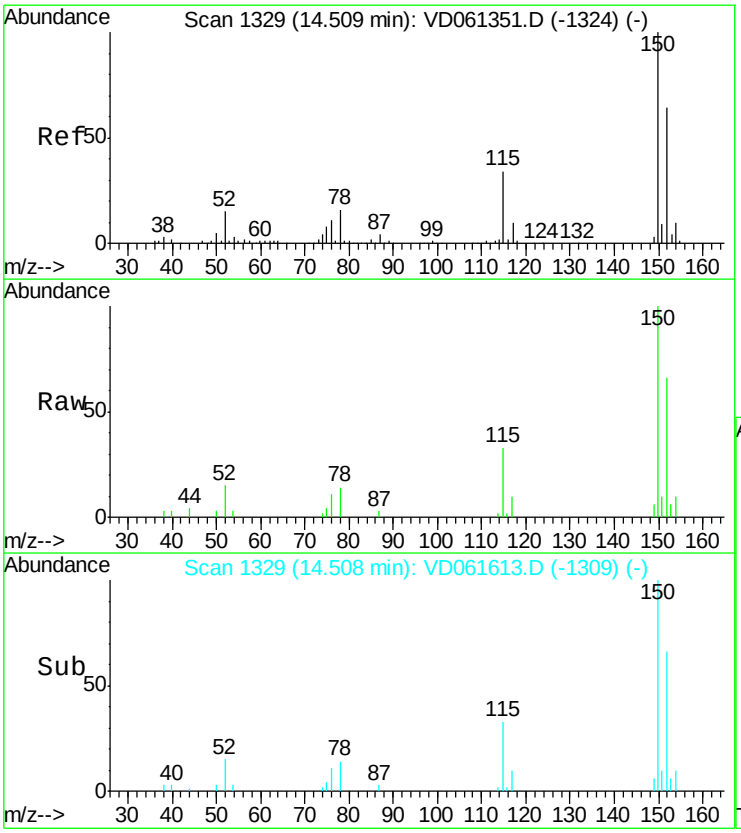
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 35120

Ion	Ratio	Lower	Upper
117	100		
82	45.6	34.4	51.6
119	26.1	25.8	38.6

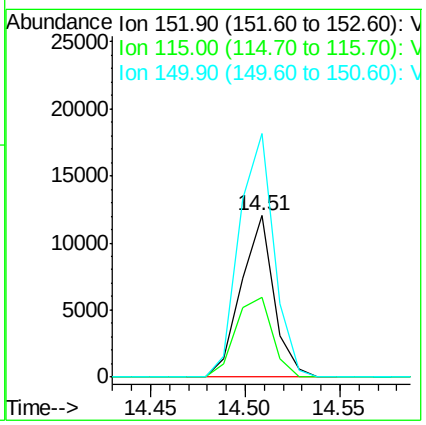


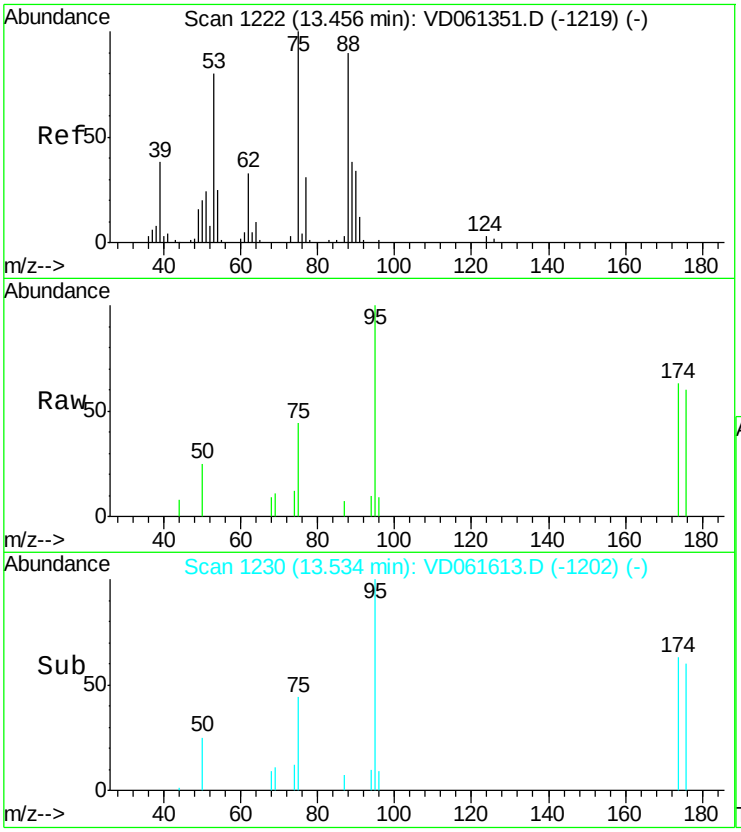


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Tgt Ion:152 Resp: 14463

Ion	Ratio	Lower	Upper
152	100		
115	49.3	26.9	80.6
150	151.1	0.0	318.0



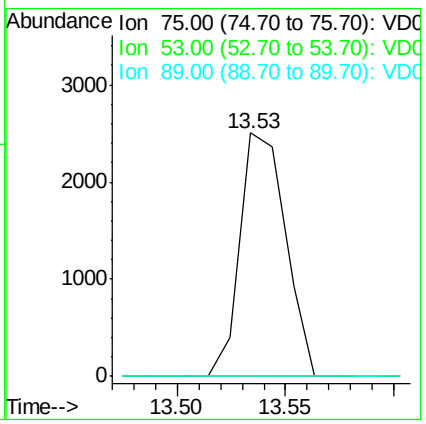


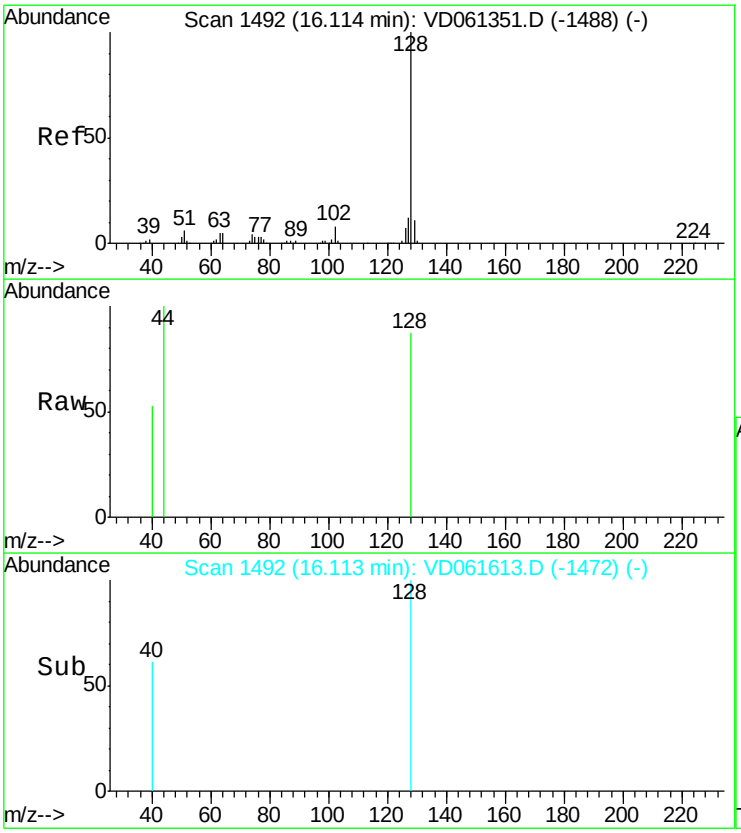
#81
trans-1,4-Dichloro-2-butene
Concen: 57.394 ug/l
RT: 13.53 min Scan# 1230
Delta R.T. 0.08 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 3656

Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.8#
89	0.0	30.5	45.7#





#95
Naphthalene
Concen: 1.035 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Tgt Ion:128 Resp: 298

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.9	14.9#
129	0.0	8.9	13.3#