Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032919\
Data File : VD061427.D
Acq On : 29 Mar 2019 14:05
Operator : VA/AP
Sample : K2107-09
Misc : 5.23g/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Mar 29 22:37:12 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	7.06	168	9443	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	26865	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	29898	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	16188	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	9461	117.29	ug/l	0.02
Spiked Amount 50.000			Recovery = 234.58%			
35) Dibromofluoromethane	6.93	113	10875	52.97	ug/l	0.03
Spiked Amount 50.000			Recovery = 105.94%			
50) Toluene-d8	10.41	98	23678	48.09	ug/l	0.03
Spiked Amount 50.000			Recovery = 96.18%			
62) 4-Bromofluorobenzene	13.55	95	13896	73.59	ug/l	0.01
Spiked Amount 50.000			Recovery = 147.18%			
Target Compounds						Qvalue
3) Chloromethane	1.78	50	604	7.344	ug/l #	42
5) Bromomethane	2.19	94	1156	77.197	ug/l #	46
10) Methyl Iodide	3.35	142	3842	23.389	ug/l #	86
16) Acetone	3.23	43	5264	253.852	ug/l #	82
20) Methylene Chloride	3.84	84	3028	25.111	ug/l #	91
52) Toluene	10.51	92	2375	6.616	ug/l	94
70) Styrene	13.07	104	608	1.017	ug/l #	33
76) 1,2,3-Trichloropropane	13.55	75	3966	16.960	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.55	75	4766	66.846	ug/l #	18
95) Naphthalene	16.12	128	962	2.986	ug/l #	70

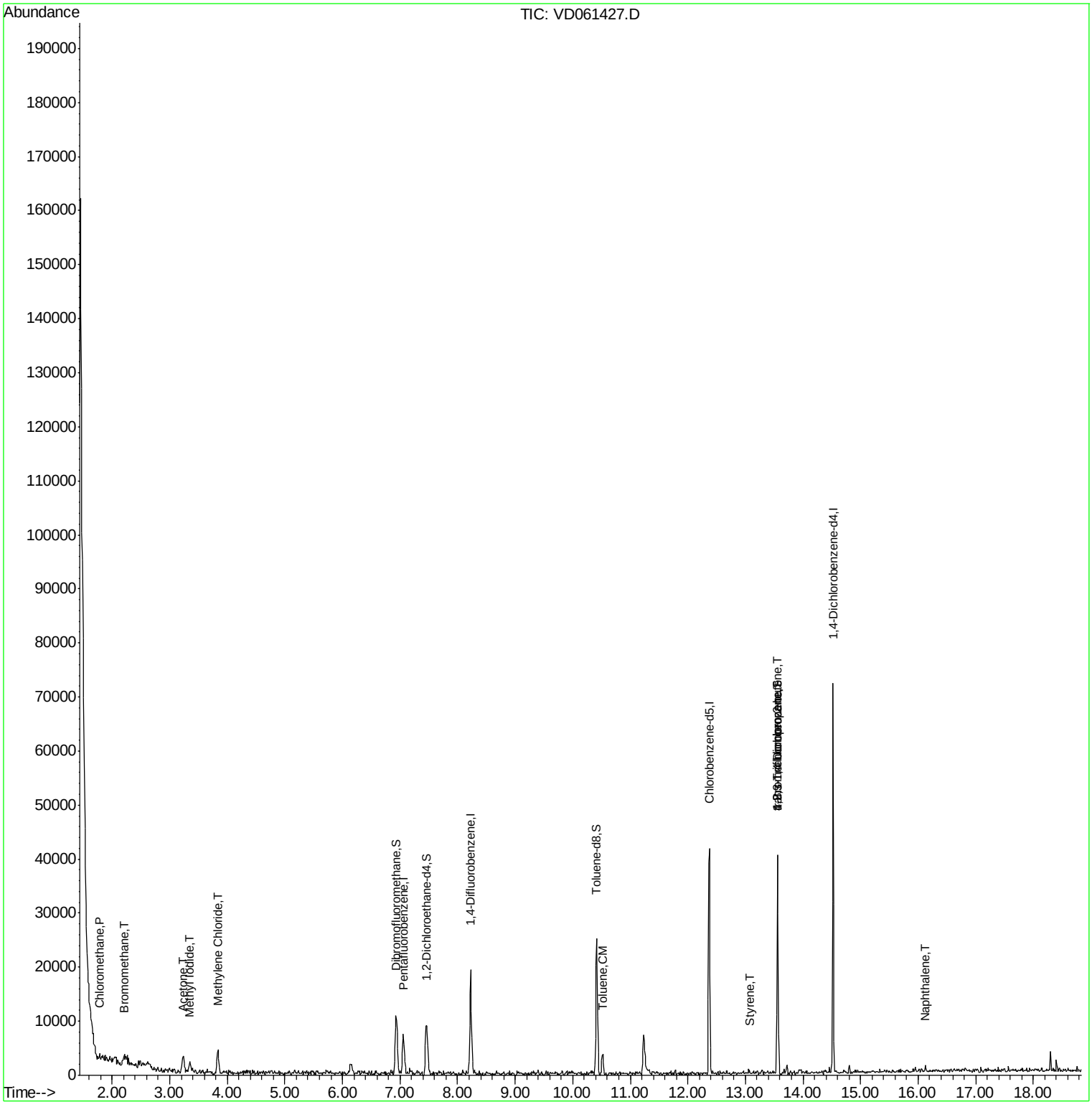
(#) = qualifier out of range (m) = manual integration (+) = signals summed

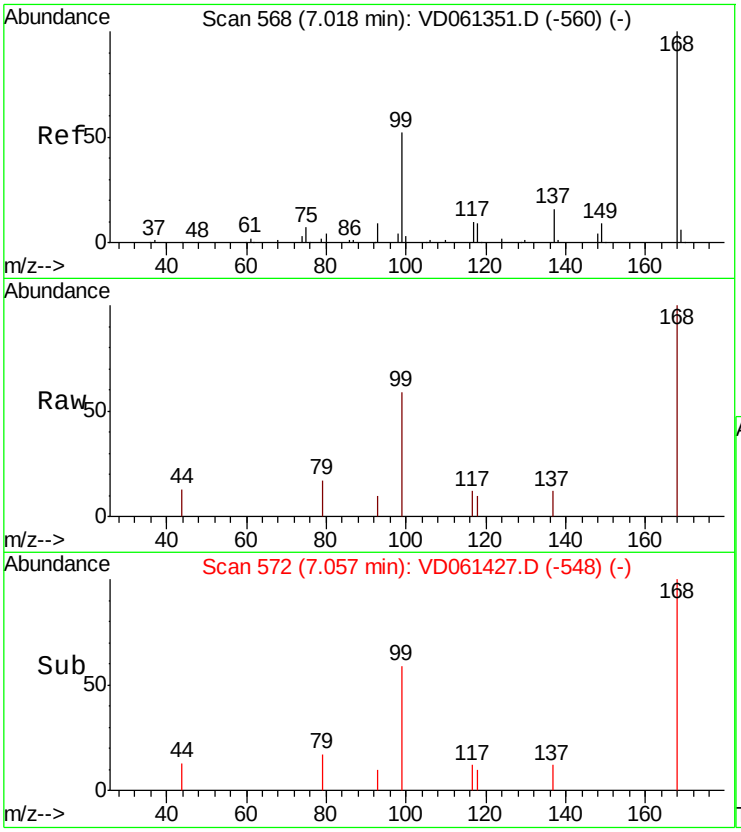
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032919\
Data File : VD061427.D
Acq On : 29 Mar 2019 14:05
Operator : VA/AP
Sample : K2107-09
Misc : 5.23g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 29 22:37:12 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



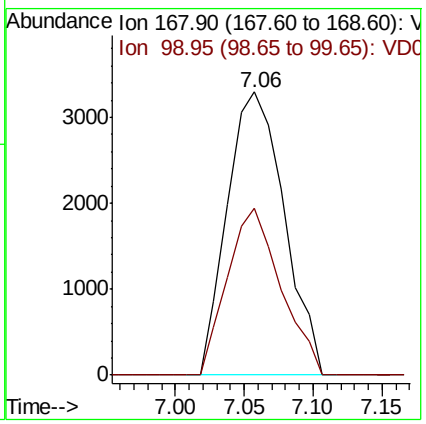


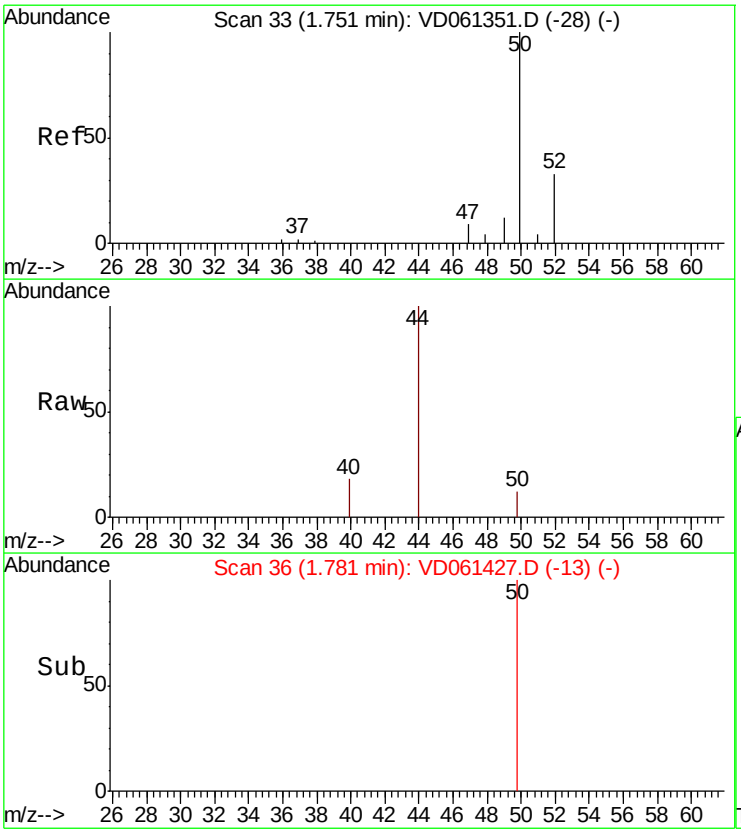
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.04 min
Lab File: VD061427.D
Acq: 29 Mar 2019 14:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 9443

Ion	Ratio	Lower	Upper
168	100		
99	59.1	43.1	64.7

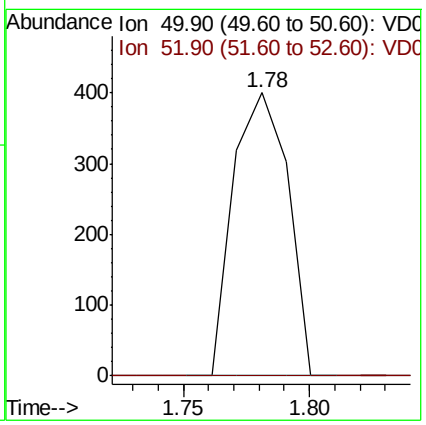


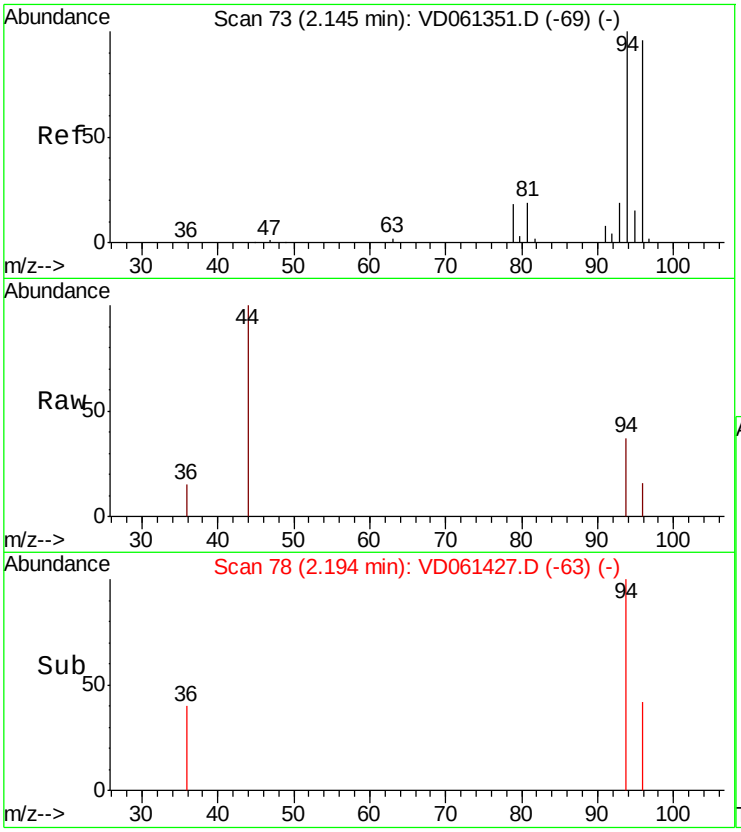


#3
Chloromethane
Concen: 7.344 ug/l
RT: 1.78 min Scan# 36
Delta R.T. 0.03 min
Lab File: VD061427.D
Acq: 29 Mar 2019 14:05

Tgt Ion: 50 Resp: 604

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.1	39.1#



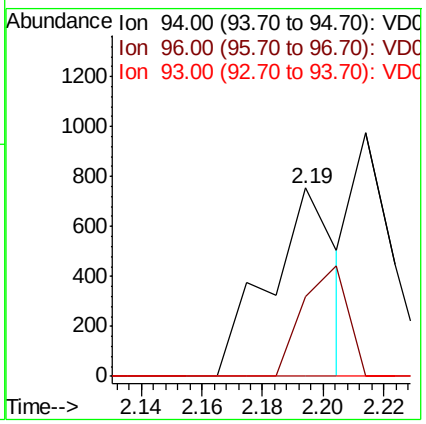


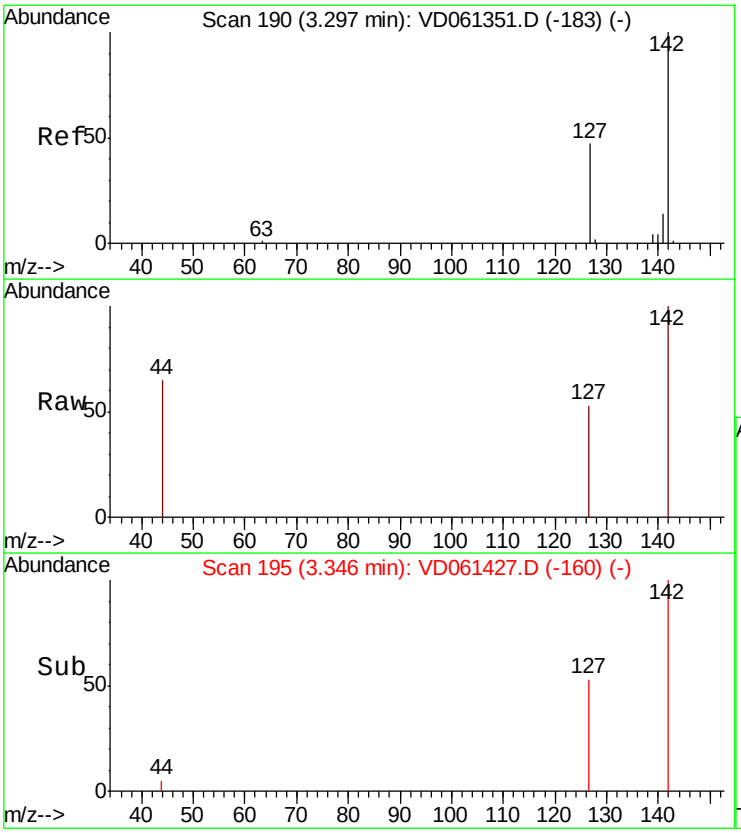
#5
Bromomethane
Concen: 77.197 ug/l
RT: 2.19 min Scan# 78
Delta R.T. 0.05 min
Lab File: VD061427.D
Acq: 29 Mar 2019 14:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 94 Resp: 1156

Ion	Ratio	Lower	Upper
94	100		
96	42.2	78.3	117.5#
93	0.0	15.6	23.4#

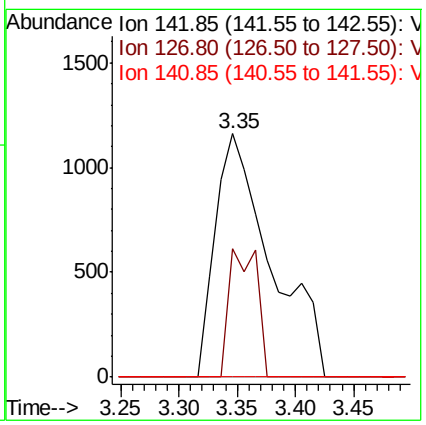


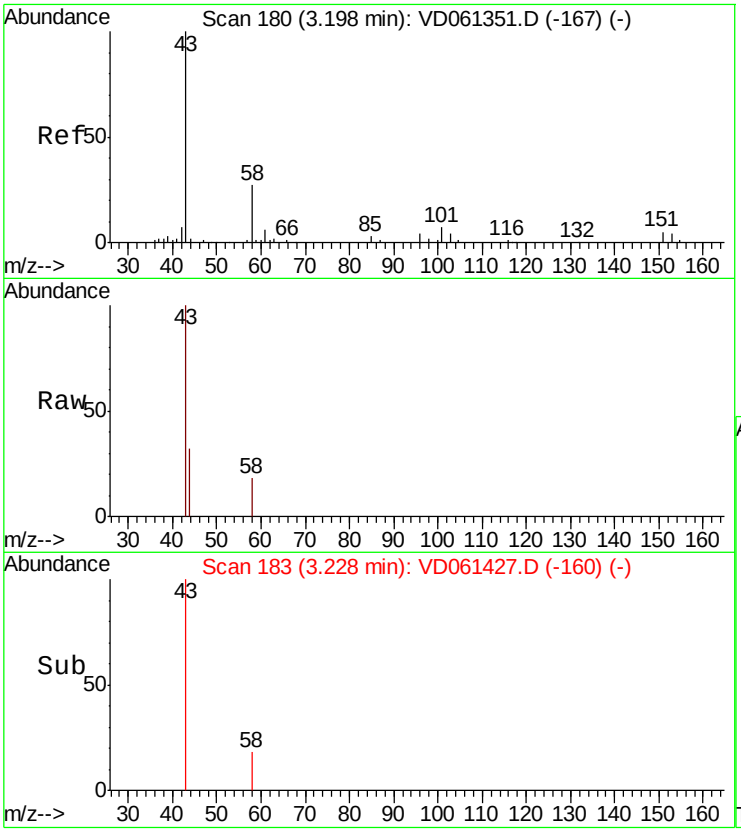


#10
Methyl Iodide
Concen: 23.389 ug/l
RT: 3.35 min Scan# 195
Delta R.T. 0.05 min
Lab File: VD061427.D
Acq: 29 Mar 2019 14:05

Tgt Ion:142 Resp: 3842

Ion	Ratio	Lower	Upper
142	100		
127	52.6	37.7	56.5
141	0.0	11.5	17.3#



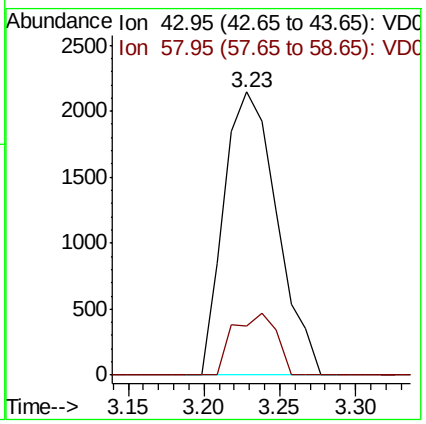


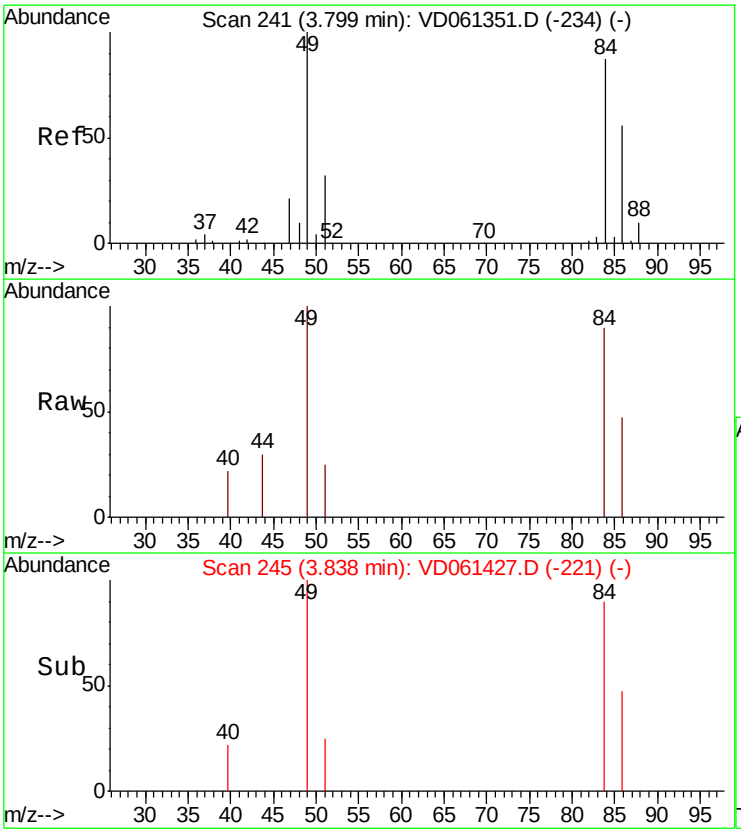
#16
Acetone
Concen: 253.852 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.03 min
Lab File: VD061427.D
Acq: 29 Mar 2019 14:05

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 5264

Ion	Ratio	Lower	Upper
43	100		
58	17.6	21.5	32.3#

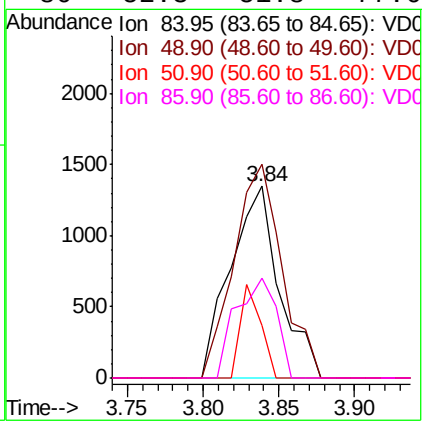


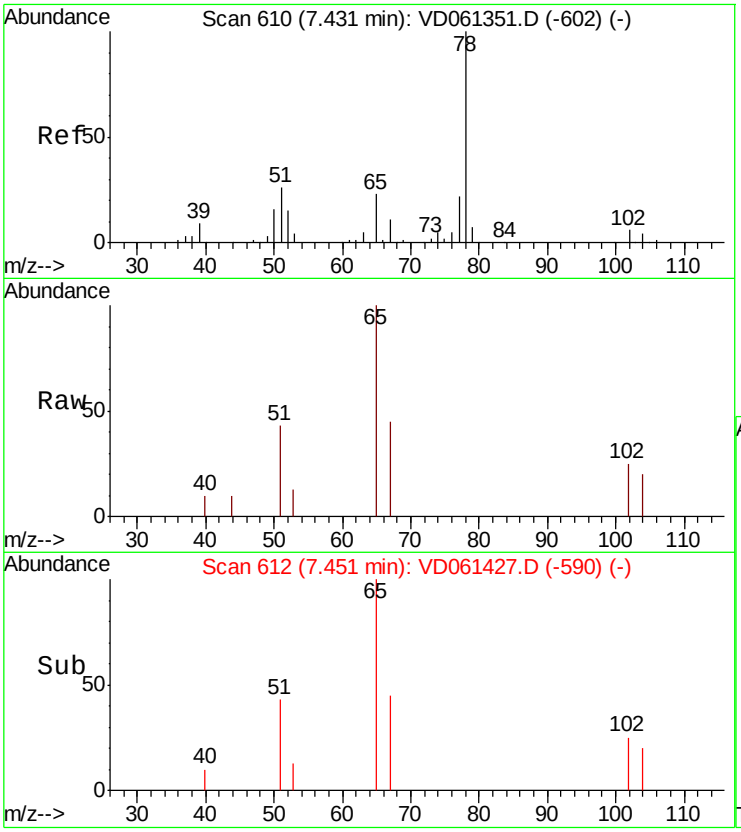


#20
Methylene Chloride
Concen: 25.111 ug/l
RT: 3.84 min Scan# 245
Delta R.T. 0.04 min
Lab File: VD061427.D
Acq: 29 Mar 2019 14:05

Tgt Ion: 84 Resp: 3028

Ion	Ratio	Lower	Upper
84	100		
49	111.4	91.8	137.8
51	27.4	29.8	44.8#
86	52.3	51.8	77.6



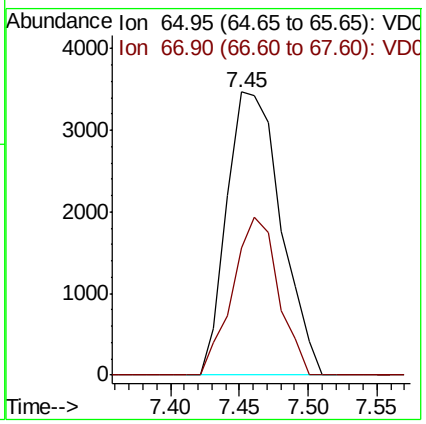


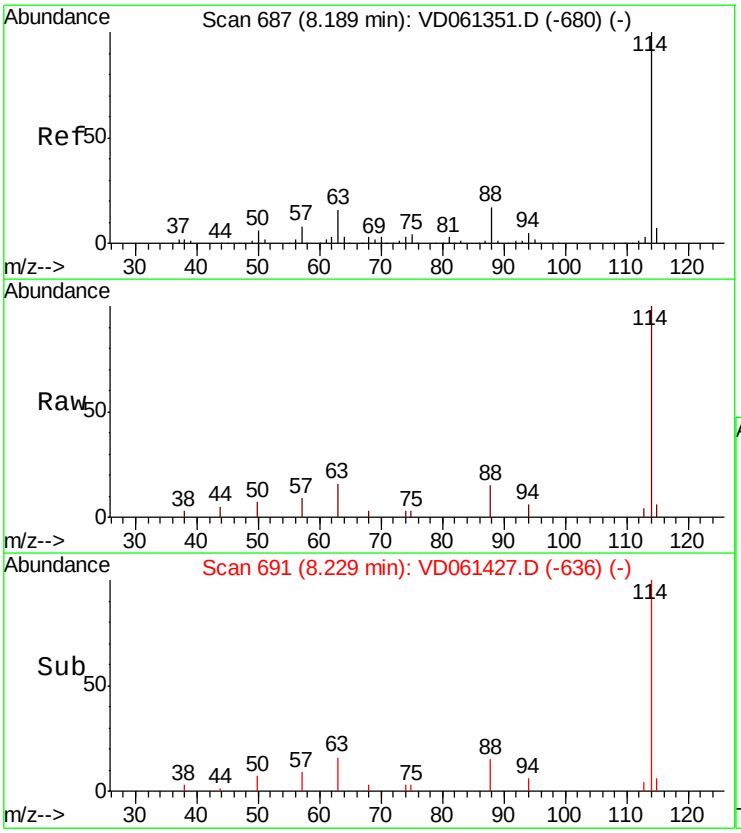
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD061427.D
Acq: 29 Mar 2019 14:05

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 9461

Ion	Ratio	Lower	Upper
65	100		
67	44.8	0.0	99.8

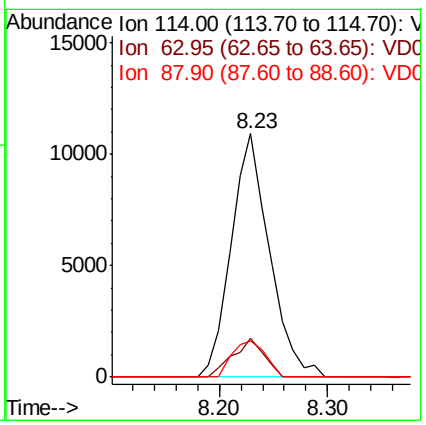


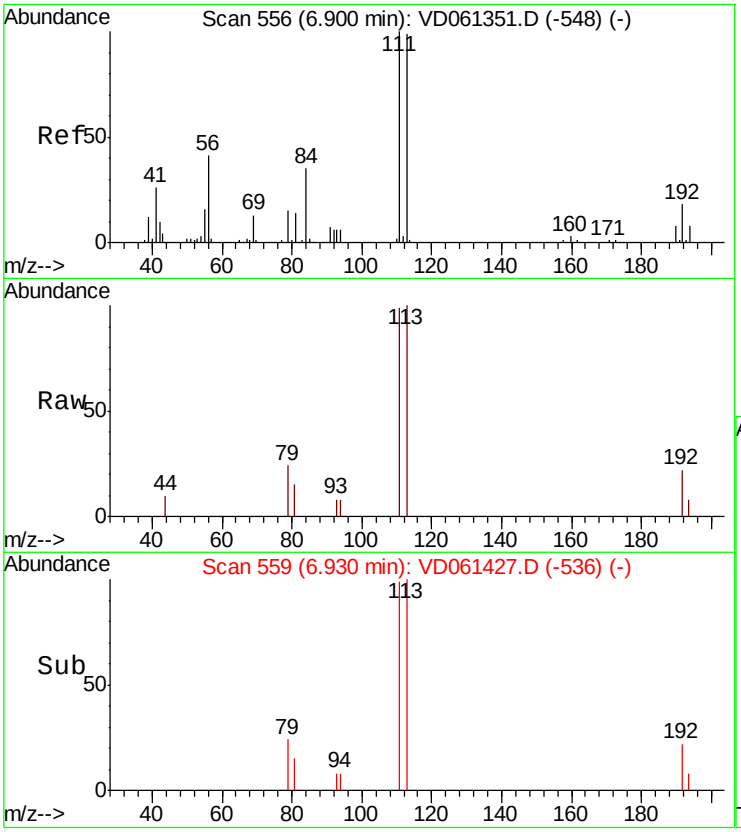


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.04 min
Lab File: VD061427.D
Acq: 29 Mar 2019 14:05

Tgt Ion:114 Resp: 26865

Ion	Ratio	Lower	Upper
114	100		
63	16.1	0.0	31.6
88	14.7	0.0	33.4



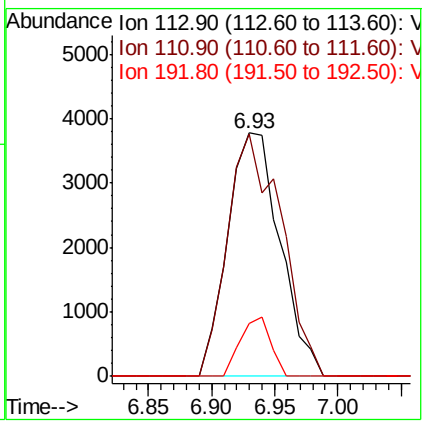


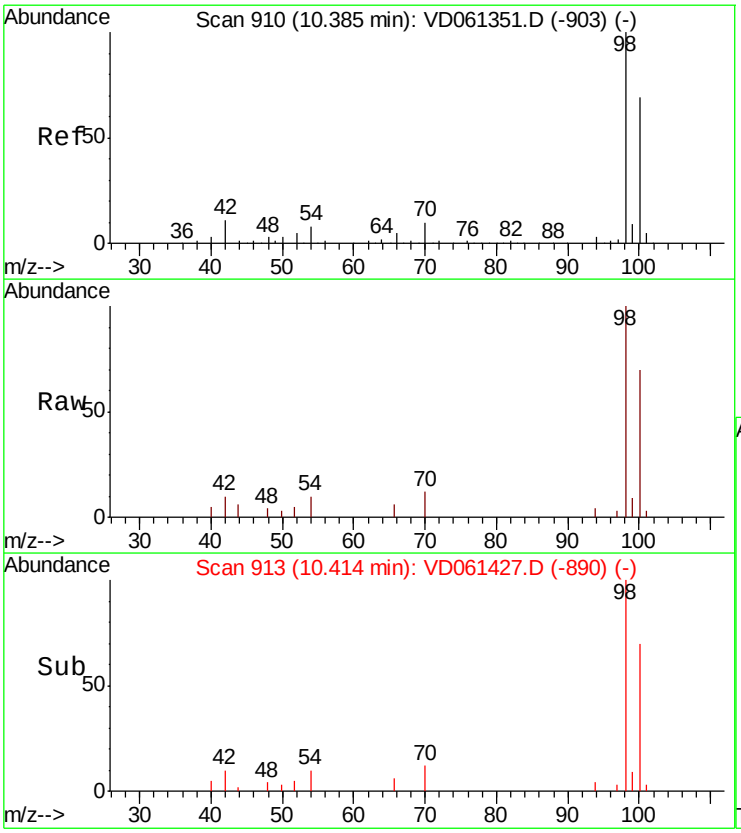
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.03 min
Lab File: VD061427.D
Acq: 29 Mar 2019 14:05

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 10875

Ion	Ratio	Lower	Upper
113	100		
111	99.4	81.0	121.6
192	22.0	14.4	21.6#

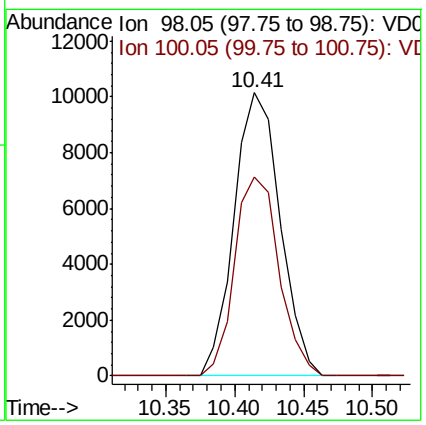


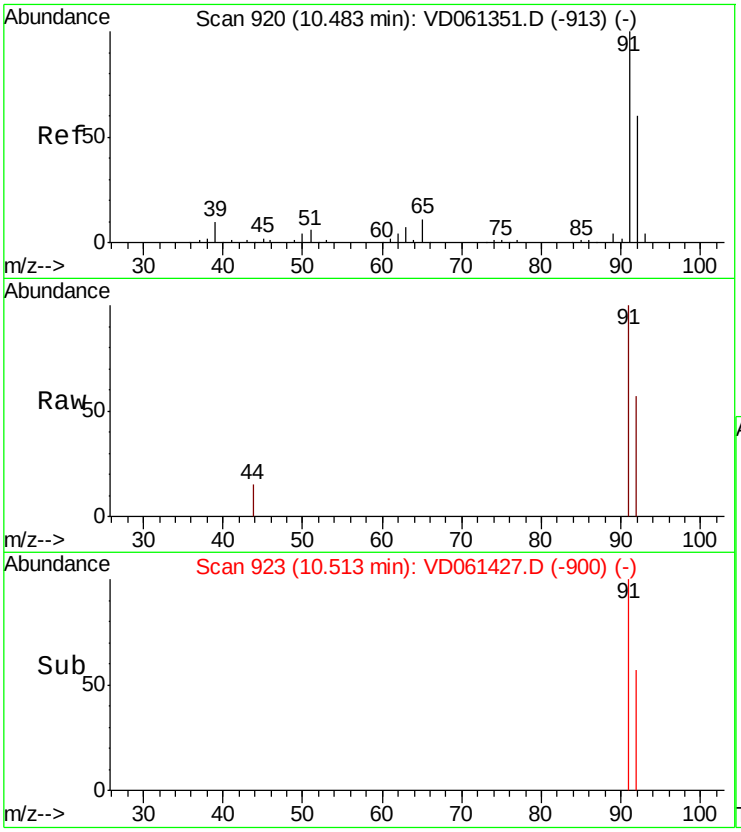


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.03 min
Lab File: VD061427.D
Acq: 29 Mar 2019 14:05

Tgt Ion: 98 Resp: 23678

Ion	Ratio	Lower	Upper
98	100		
100	70.1	56.2	84.2



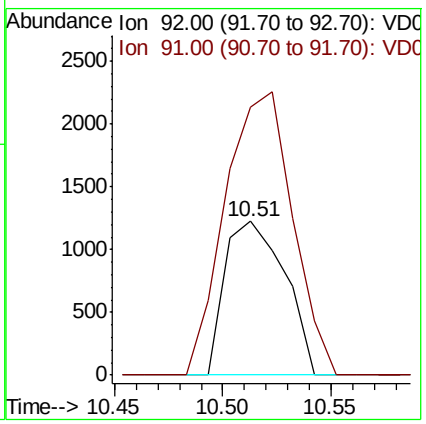


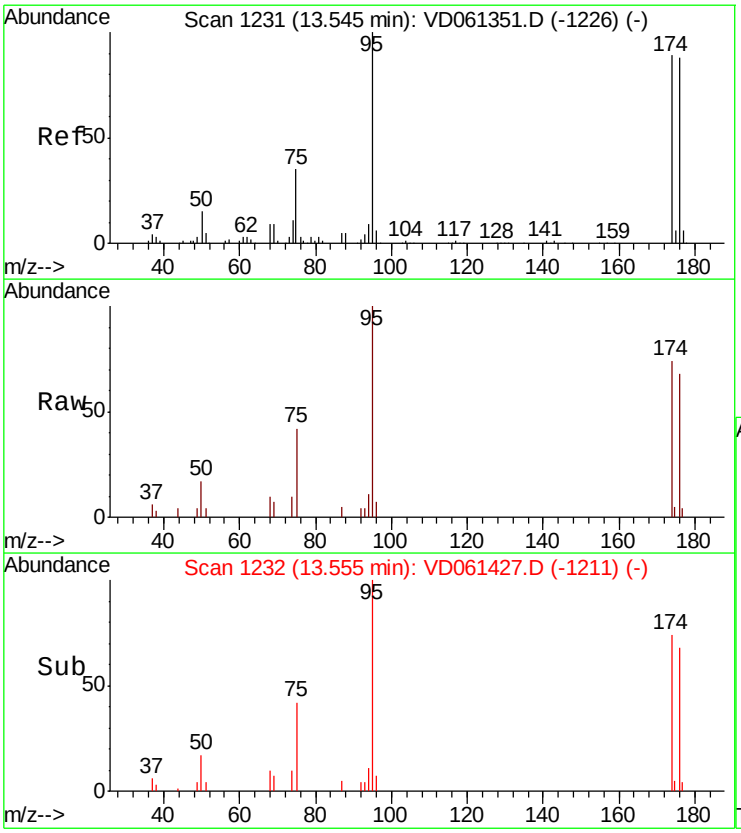
#52
Toluene
Concen: 6.616 ug/l
RT: 10.51 min Scan# 923
Delta R.T. 0.03 min
Lab File: VD061427.D
Acq: 29 Mar 2019 14:05

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 92 Resp: 2375

Ion	Ratio	Lower	Upper
92	100		
91	174.3	133.3	199.9

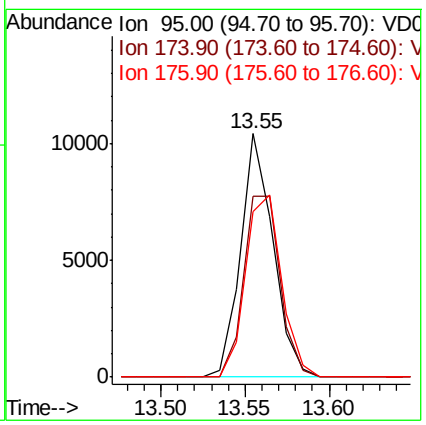


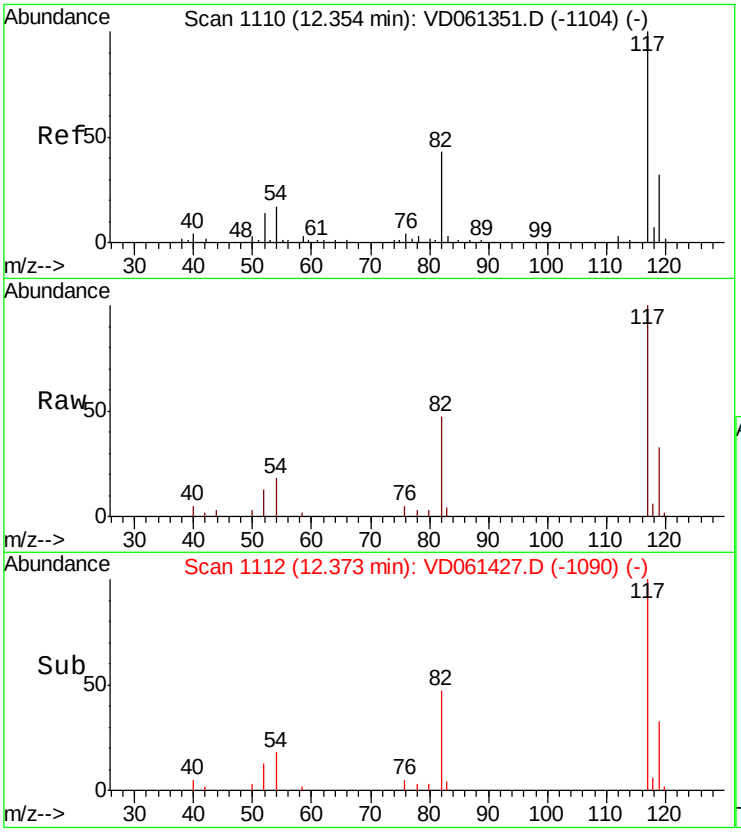


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061427.D
Acq: 29 Mar 2019 14:05

Tgt Ion: 95 Resp: 13896

Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	178.0
176	68.0	0.0	175.0



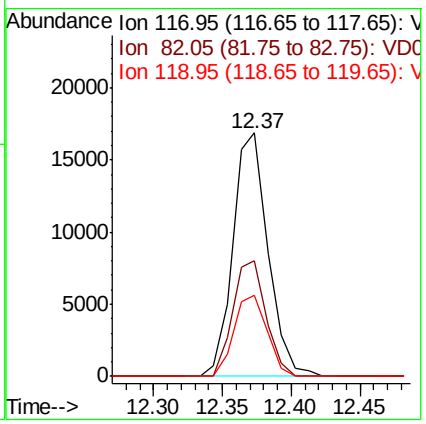


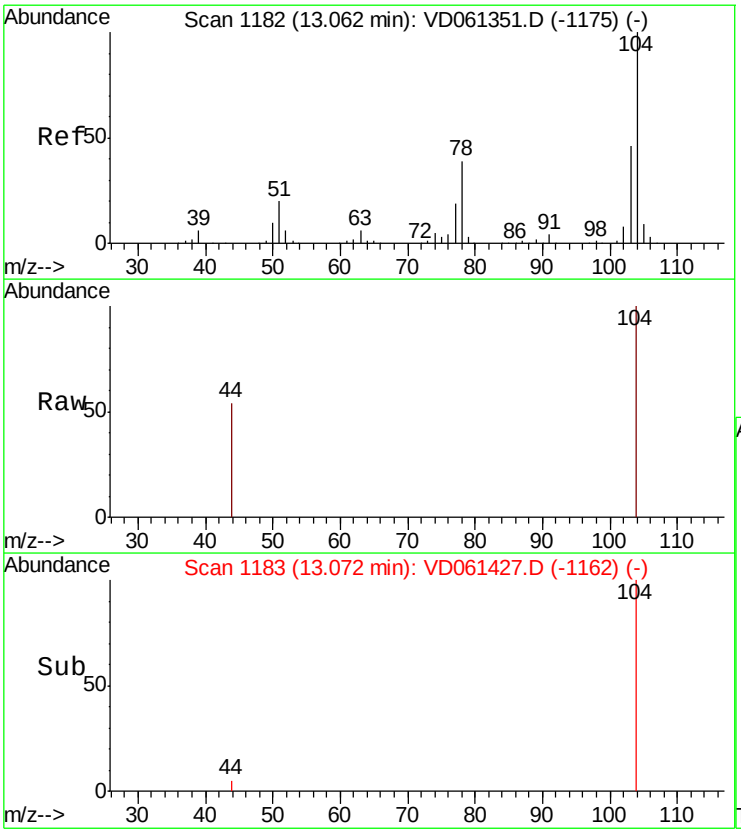
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD061427.D
Acq: 29 Mar 2019 14:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 29898

Ion	Ratio	Lower	Upper
117	100		
82	47.5	34.4	51.6
119	33.5	25.8	38.6

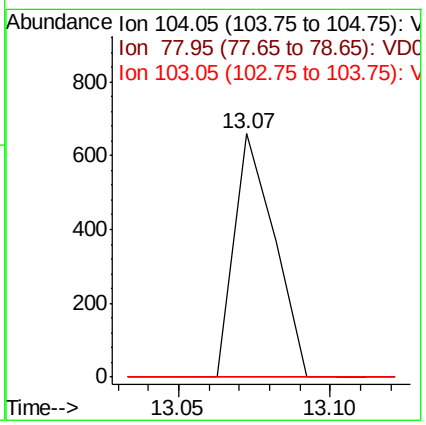


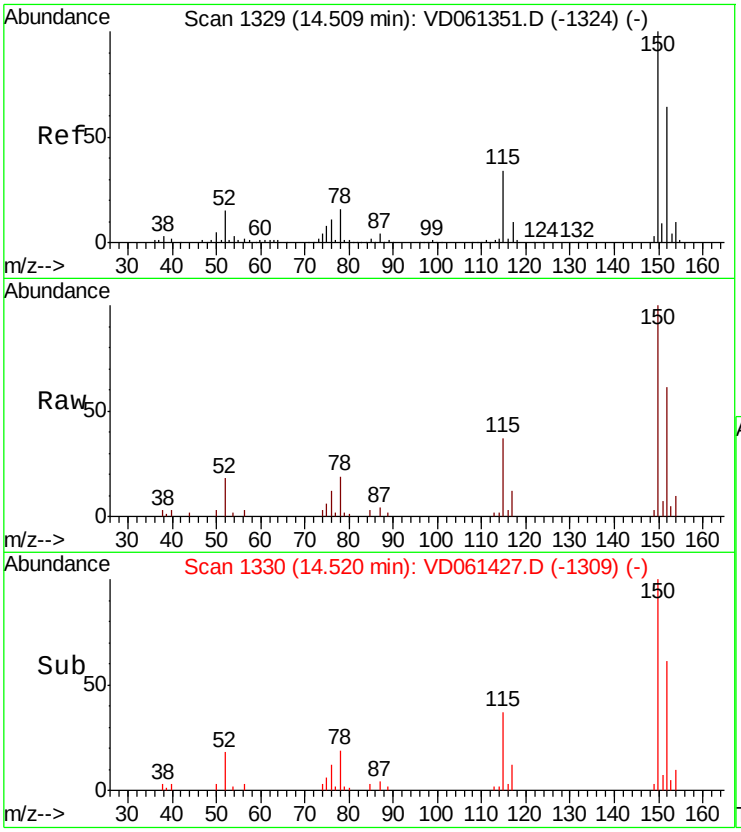


#70
Styrene
Concen: 1.017 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VD061427.D
Acq: 29 Mar 2019 14:05

Tgt Ion:104 Resp: 608

Ion	Ratio	Lower	Upper
104	100		
78	0.0	31.0	46.6#
103	0.0	37.0	55.4#



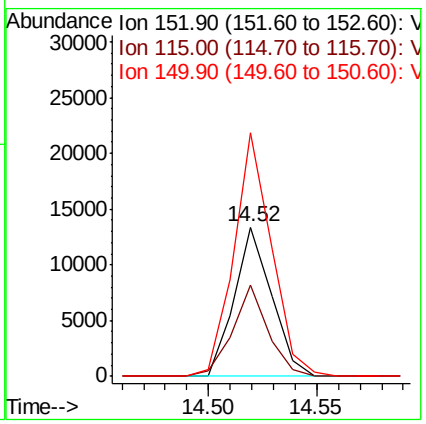


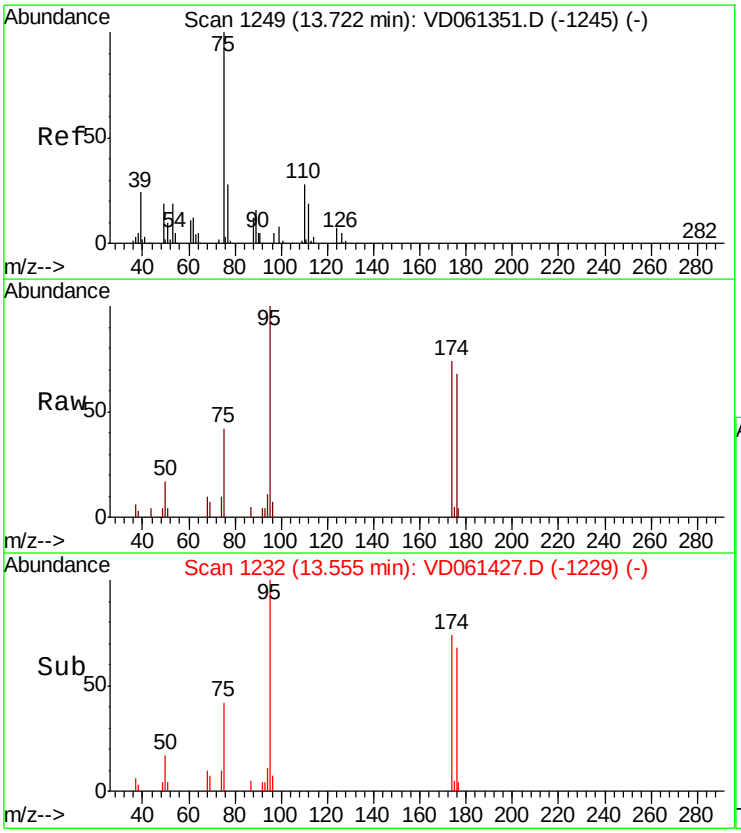
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061427.D
Acq: 29 Mar 2019 14:05

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 16188

Ion	Ratio	Lower	Upper
152	100		
115	60.6	26.9	80.6
150	162.8	0.0	318.0

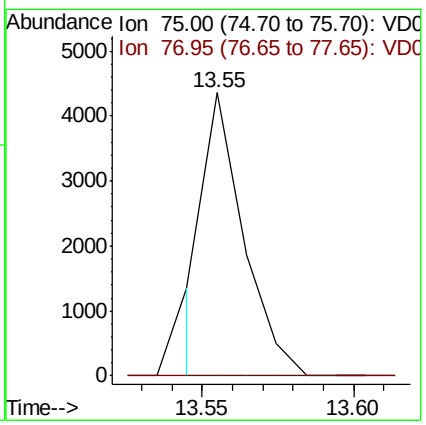


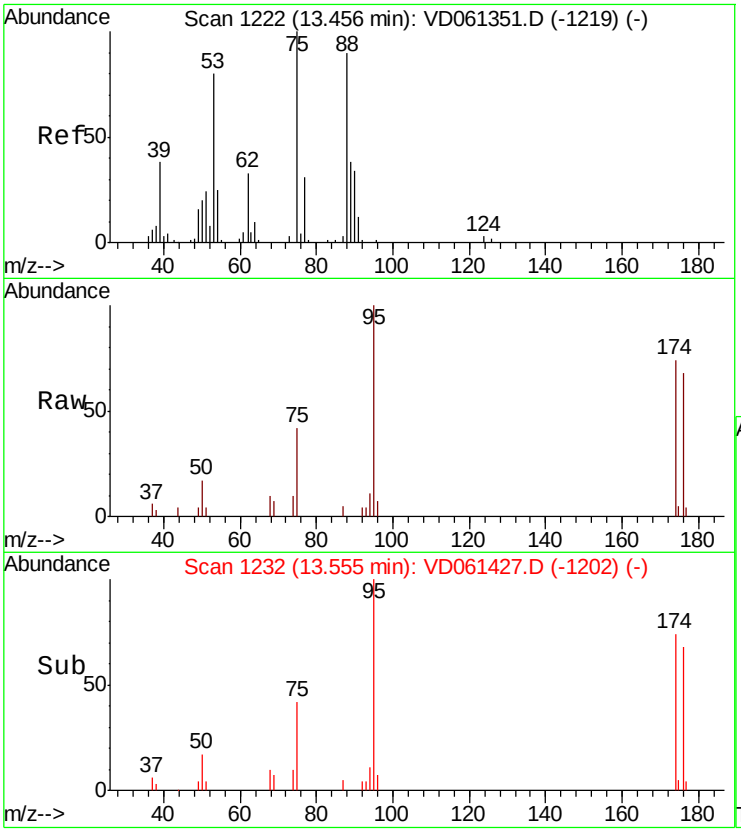


#76
1,2,3-Trichloropropane
Concen: 16.960 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.17 min
Lab File: VD061427.D
Acq: 29 Mar 2019 14:05

Tgt Ion: 75 Resp: 3966

Ion	Ratio	Lower	Upper
75	100		
77	0.0	16.2	48.5#



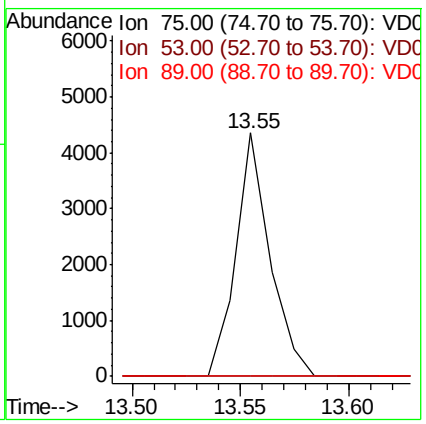


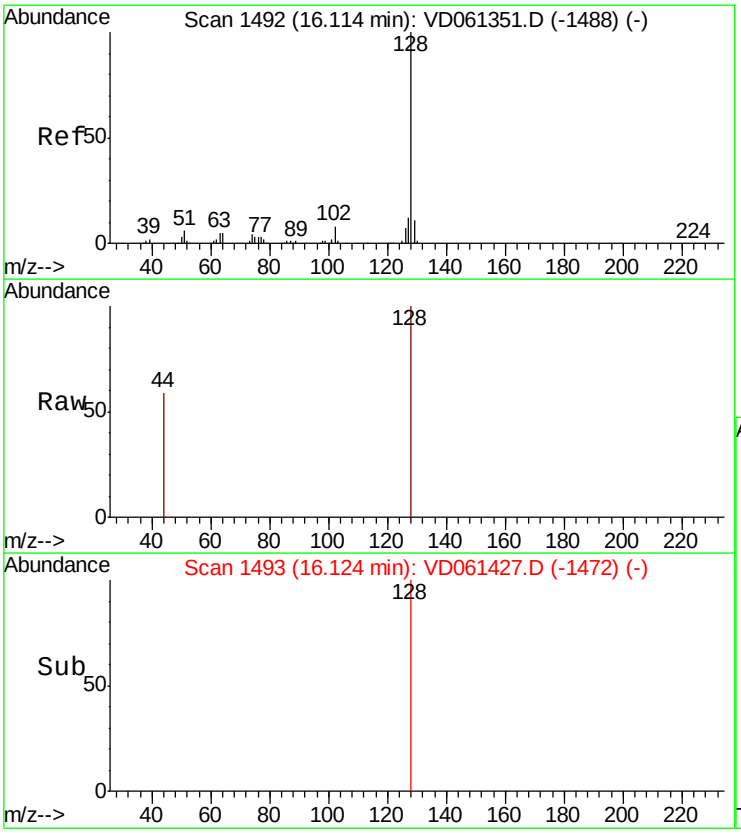
#81
trans-1,4-Dichloro-2-butene
Concen: 66.846 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.10 min
Lab File: VD061427.D
Acq: 29 Mar 2019 14:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 4766

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





#95
Naphthalene
Concen: 2.986 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VD061427.D
Acq: 29 Mar 2019 14:05

Tgt Ion:128 Resp: 962

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