Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040419\
Data File : VD061582.D
Acq On : 4 Apr 2019 16:44
Operator : VA/AP
Sample : K2199-03RE
Misc : 5.05g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Apr 05 01:11:20 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	7.03	168	499176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	729445	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	168147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	190074	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	175741	41.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.42%			
35) Dibromofluoromethane	6.91	113	278991	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.10%			
50) Toluene-d8	10.39	98	80325	6.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 12.02%			
62) 4-Bromofluorobenzene	13.54	95	180821	35.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 70.54%			
Target Compounds						Qvalue
10) Methyl Iodide	3.32	142	190	3.485	ug/l #	38
11) Tert butyl alcohol	3.97	59	3489	13.138	ug/l #	76
16) Acetone	3.20	43	11125	10.149	ug/l #	76
18) Methyl Acetate	3.63	43	4125	1.790	ug/l #	55
20) Methylene Chloride	3.81	84	32902	3.575	ug/l	91
29) Tetrahydrofuran	6.43	42	1028	1.538	ug/l #	46
31) Cyclohexane	7.02	56	8453	1.151	ug/l #	1
36) 1,1-Dichloropropene	7.02	75	35377	5.557	ug/l #	45
38) Carbon Tetrachloride	7.03	117	47856	6.542	ug/l #	14
69) o-Xylene	13.04	106	2946	1.528	ug/l	90
81) trans-1,4-Dichloro-2-buten	13.54	75	63778	76.184	ug/l #	18
95) Naphthalene	16.11	128	5164	1.365	ug/l	97

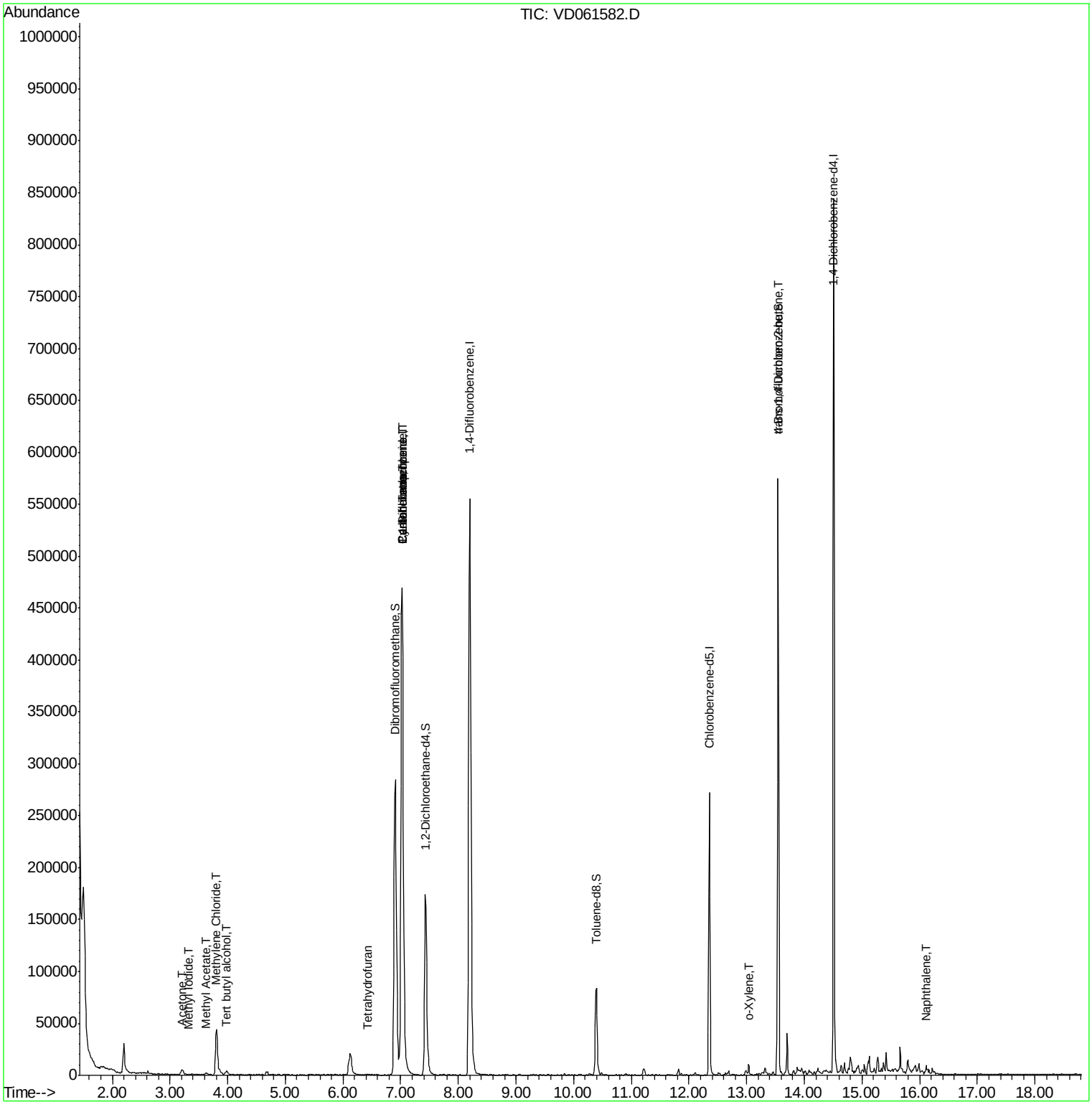
(#) = qualifier out of range (m) = manual integration (+) = signals summed

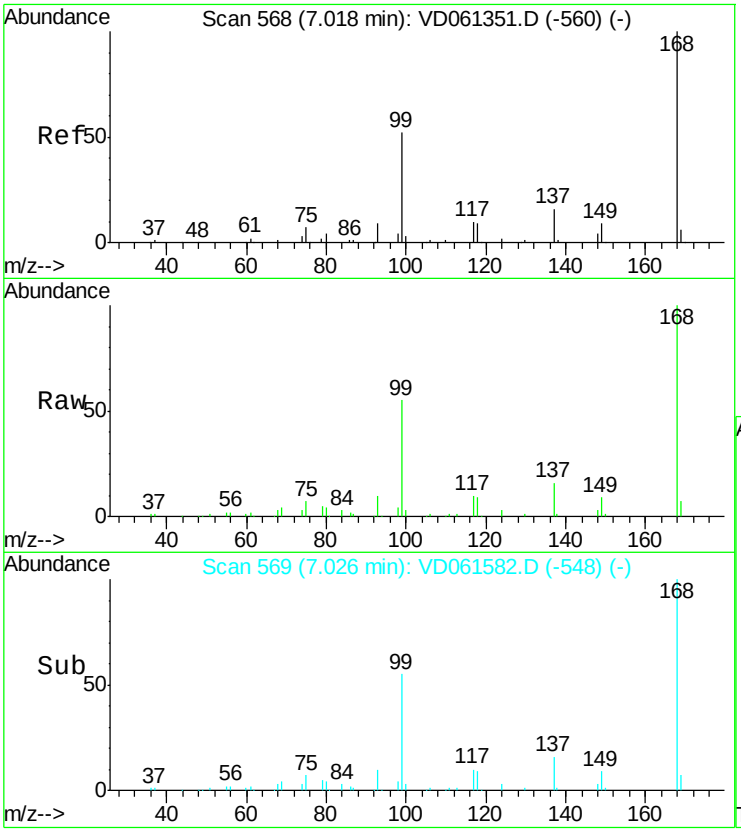
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
Data File : VD061582.D
Acq On : 4 Apr 2019 16:44
Operator : VA/AP
Sample : K2199-03RE
Misc : 5.05g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 05 01:11:20 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



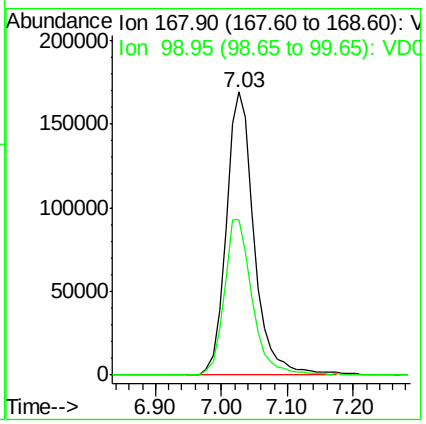


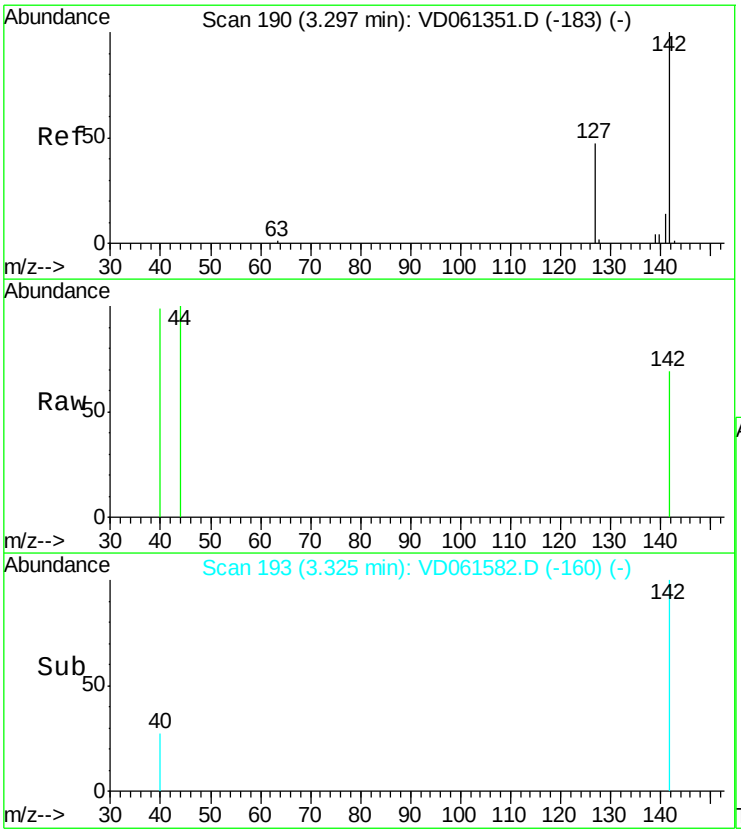
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.01 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 499176

Ion	Ratio	Lower	Upper
168	100		
99	55.0	43.1	64.7

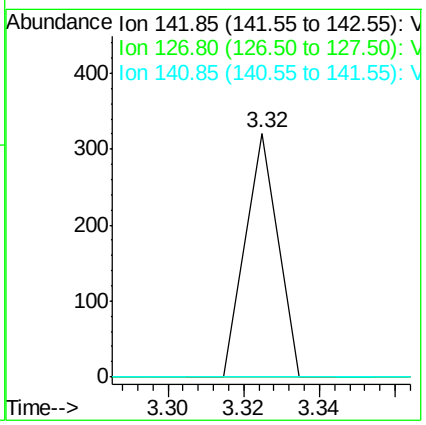


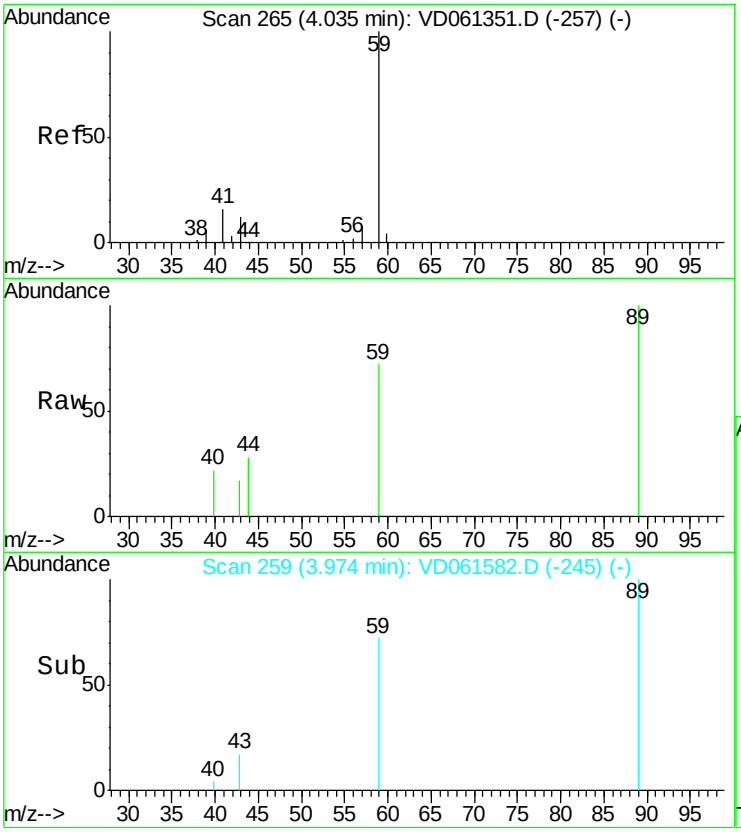


#10
Methyl Iodide
Concen: 3.485 ug/l
RT: 3.32 min Scan# 193
Delta R.T. 0.03 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Tgt Ion:142 Resp: 190

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



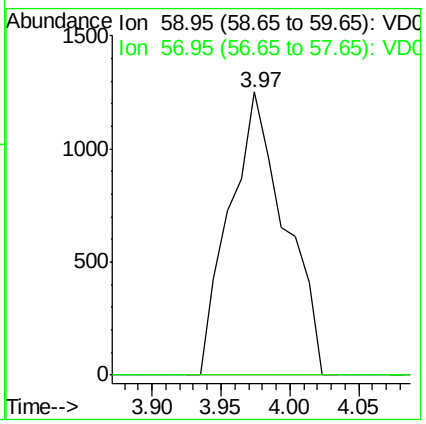


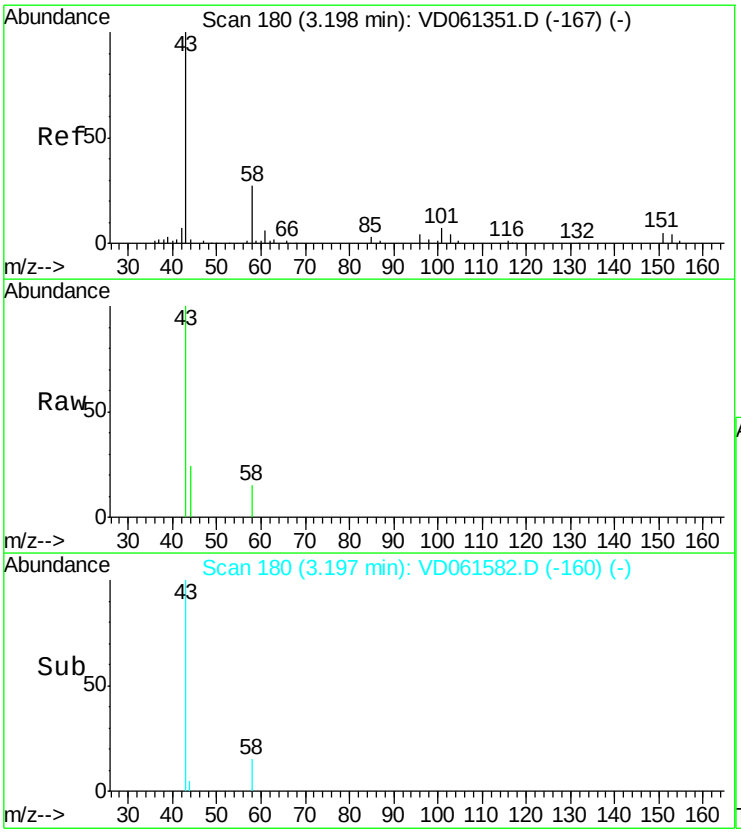
#11
Tert butyl alcohol
Concen: 13.138 ug/l
RT: 3.97 min Scan# 259
Delta R.T. -0.06 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 3489

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.7	10.1#

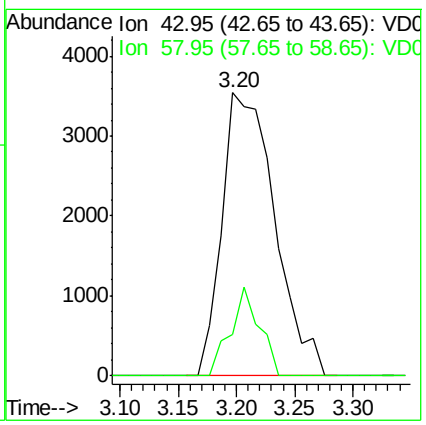


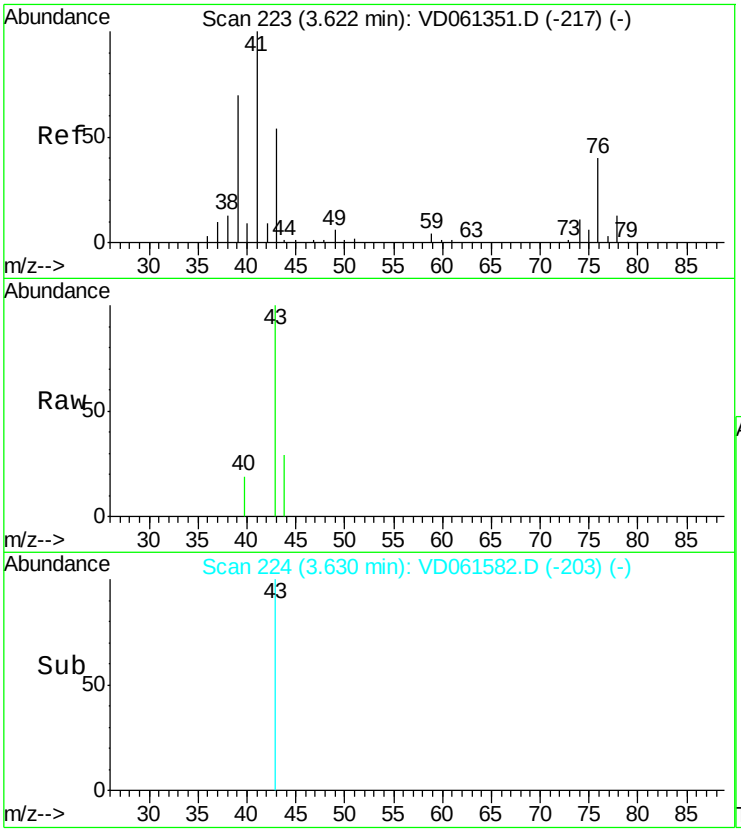


#16
Acetone
Concen: 10.149 ug/l
RT: 3.20 min Scan# 180
Delta R.T. -0.00 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Tgt Ion: 43 Resp: 11125

Ion	Ratio	Lower	Upper
43	100		
58	14.7	21.5	32.3#



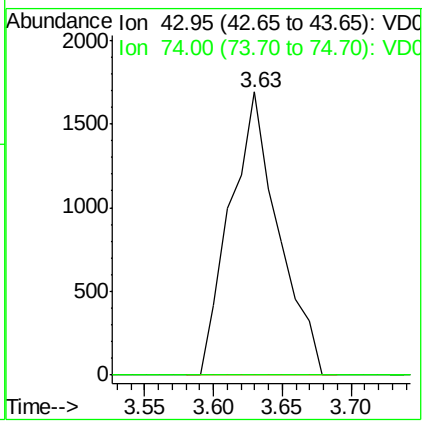


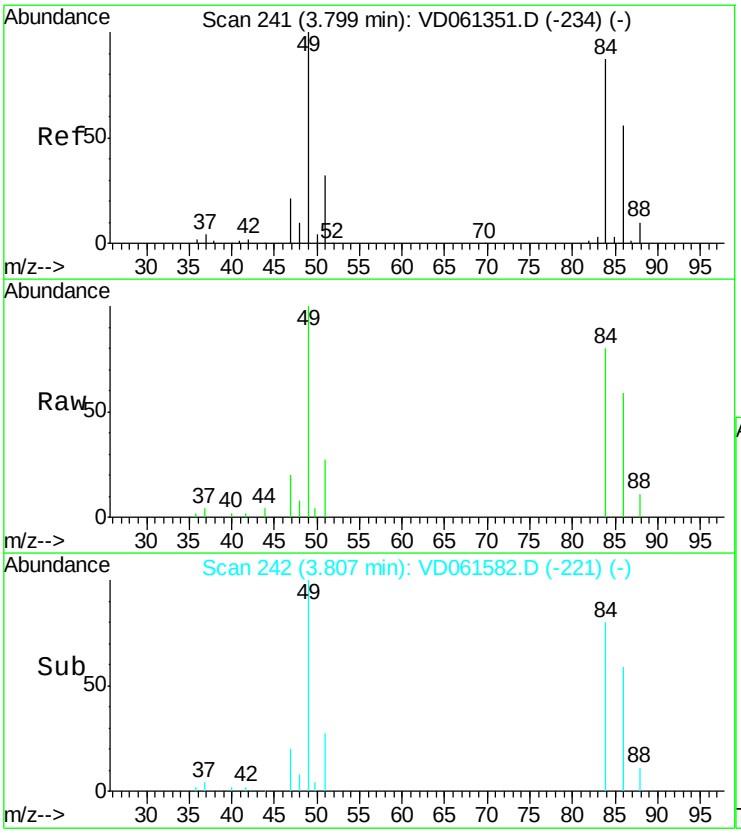
#18
Methyl Acetate
Concen: 1.790 ug/l
RT: 3.63 min Scan# 224
Delta R.T. 0.01 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 4125

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.7	25.1#

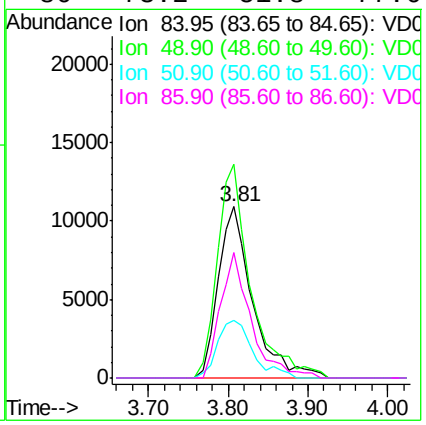


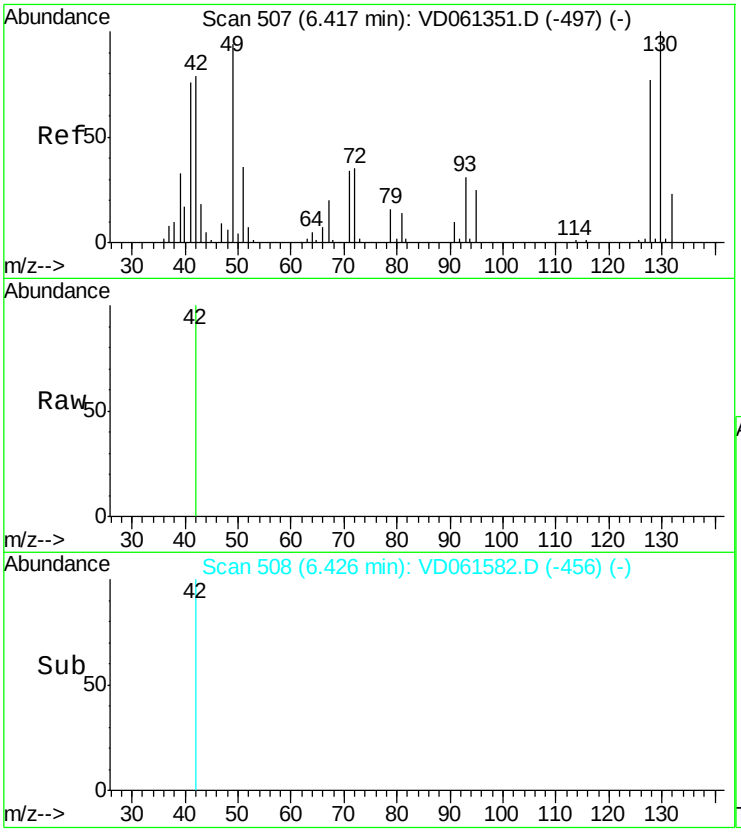


#20
Methylene Chloride
Concen: 3.575 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Tgt Ion: 84 Resp: 32902

Ion	Ratio	Lower	Upper
84	100		
49	124.7	91.8	137.8
51	33.8	29.8	44.8
86	73.2	51.8	77.6



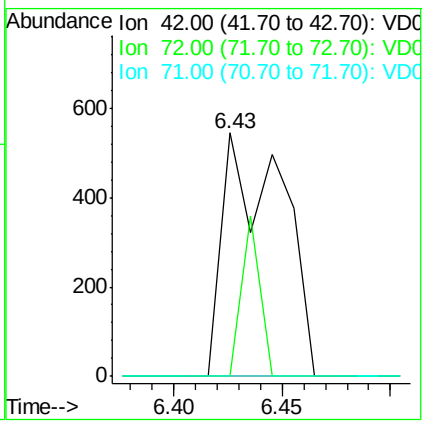


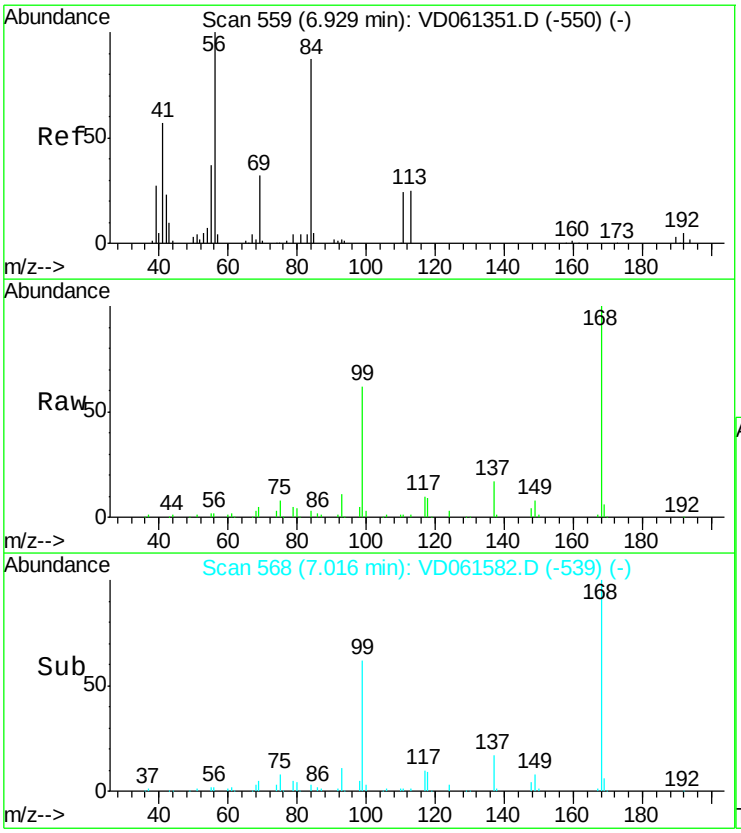
#29
Tetrahydrofuran
Concen: 1.538 ug/l
RT: 6.43 min Scan# 508
Delta R.T. 0.01 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 42 Resp: 1028

Ion	Ratio	Lower	Upper
42	100		
72	20.7	37.4	56.0#
71	0.0	36.7	55.1#

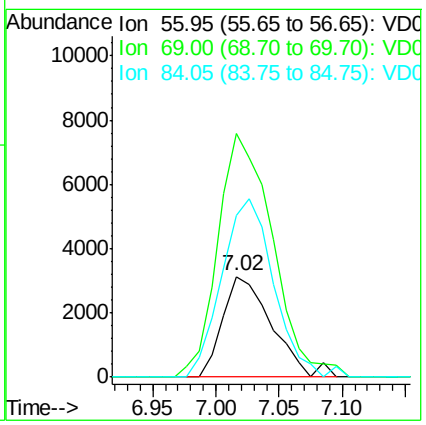


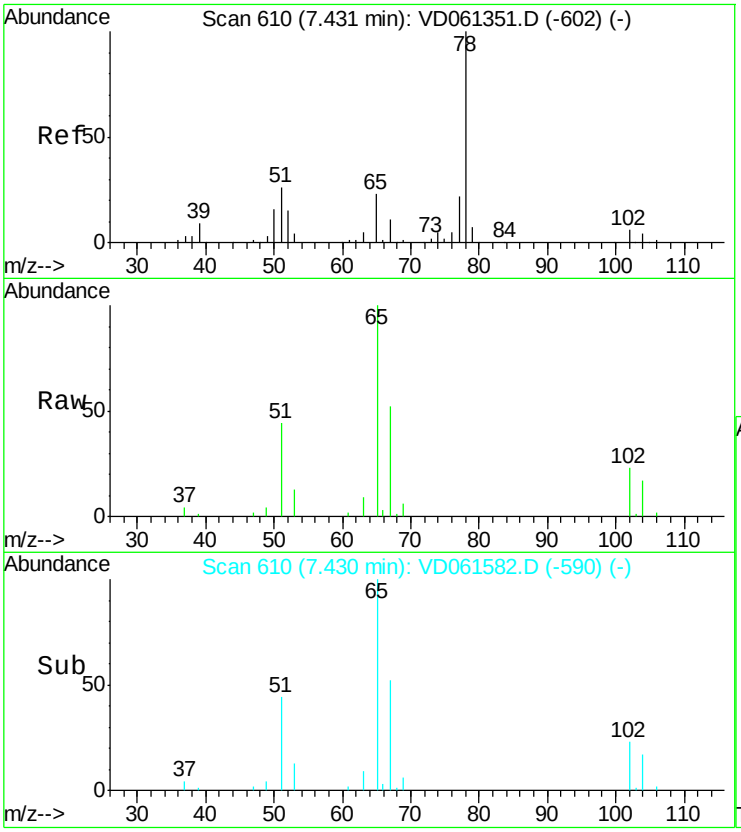


#31
Cyclohexane
Concen: 1.151 ug/l
RT: 7.02 min Scan# 568
Delta R.T. 0.09 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Tgt Ion: 56 Resp: 8453

Ion	Ratio	Lower	Upper
56	100		
69	241.6	25.7	38.5#
84	160.5	70.6	105.8#



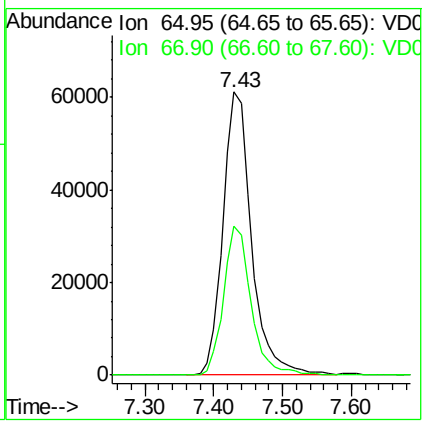


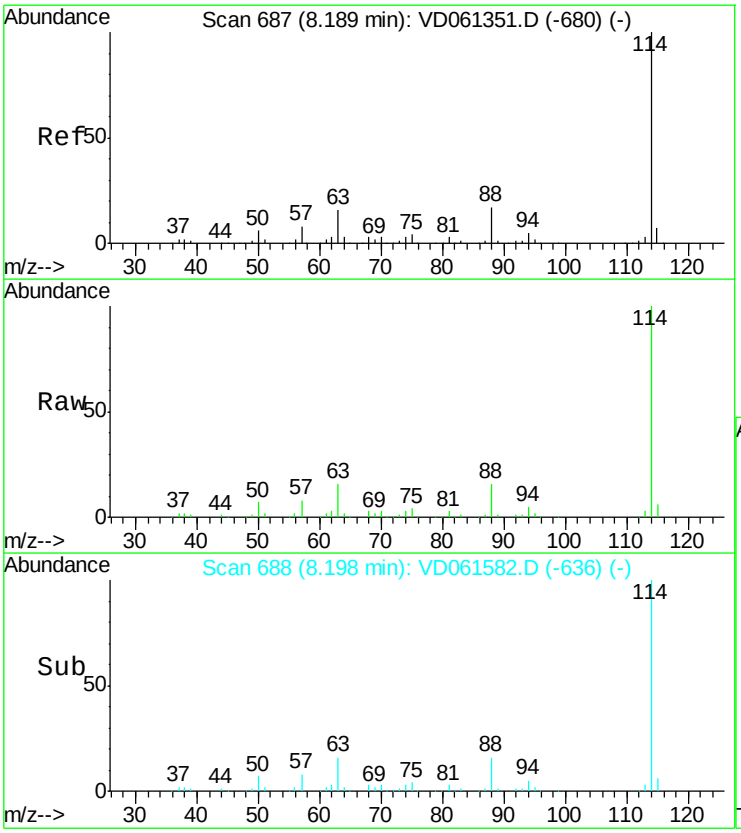
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.00 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 175741

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	99.8

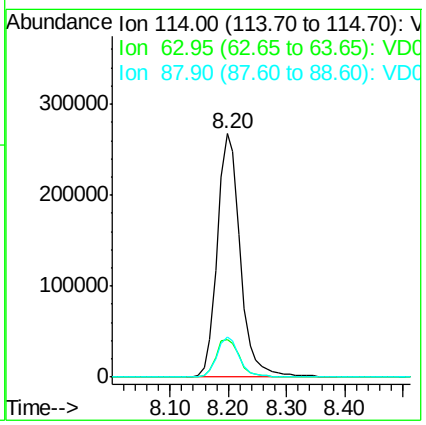


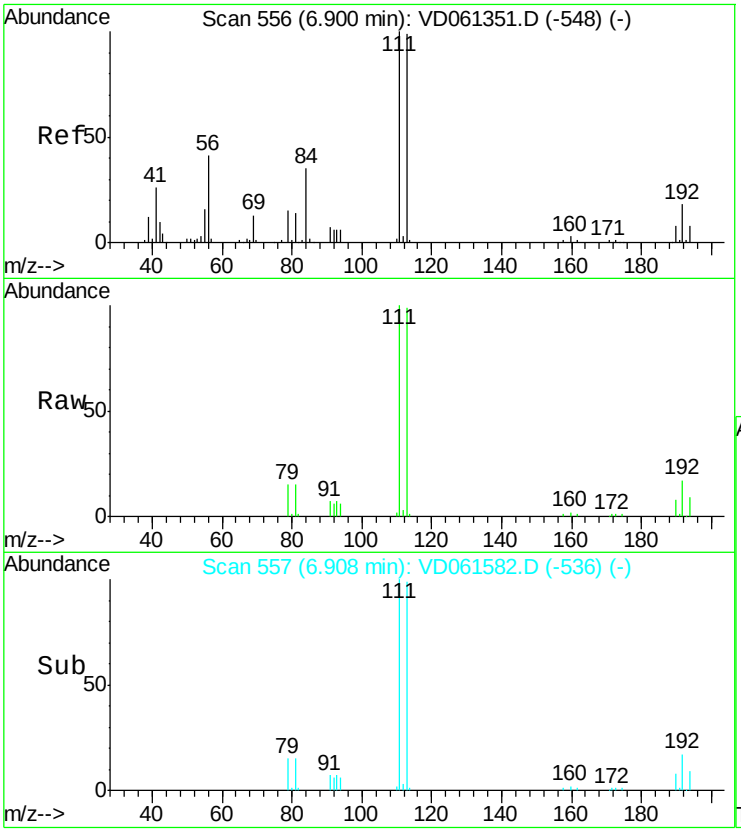


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 688
Delta R.T. 0.01 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Tgt Ion:114 Resp: 729445

Ion	Ratio	Lower	Upper
114	100		
63	15.7	0.0	31.6
88	16.3	0.0	33.4



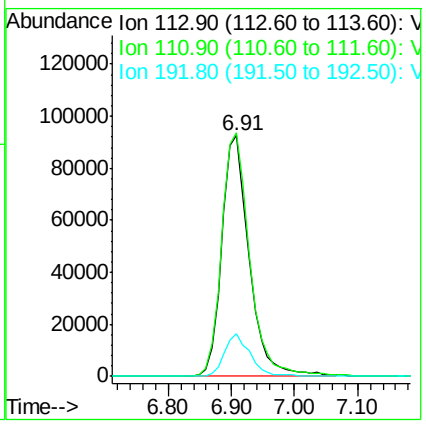


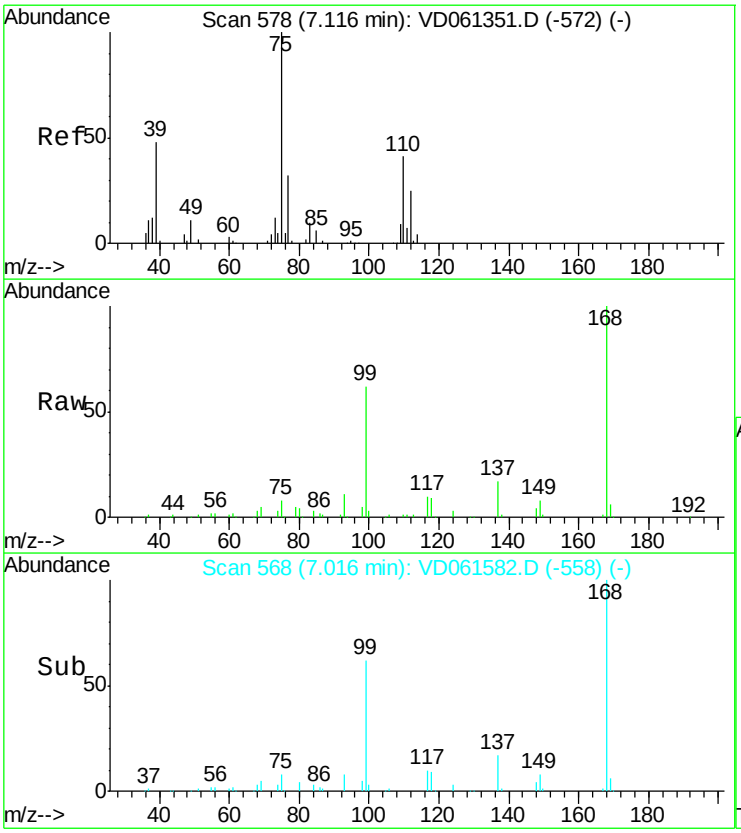
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.91 min Scan# 557
Delta R.T. 0.01 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 278991

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.0	121.6
192	17.6	14.4	21.6

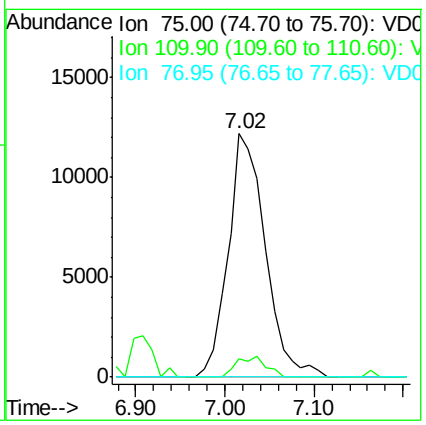


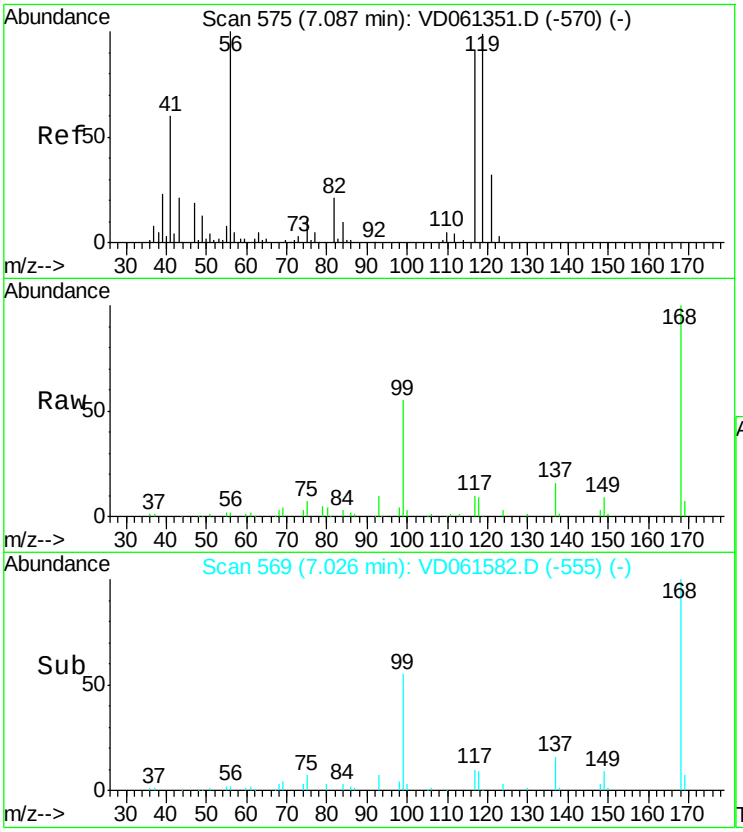


#36
1,1-Dichloropropene
Concen: 5.557 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.10 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Tgt Ion: 75 Resp: 35377

Ion	Ratio	Lower	Upper
75	100		
110	7.5	20.4	61.3#
77	0.0	24.9	37.3#



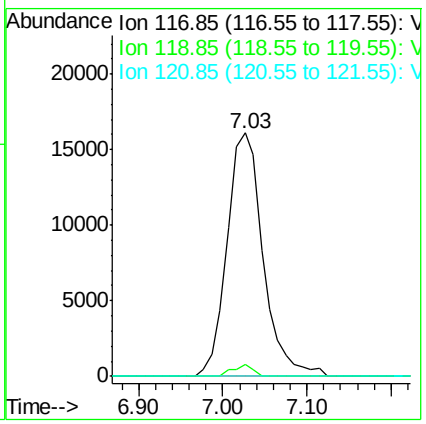


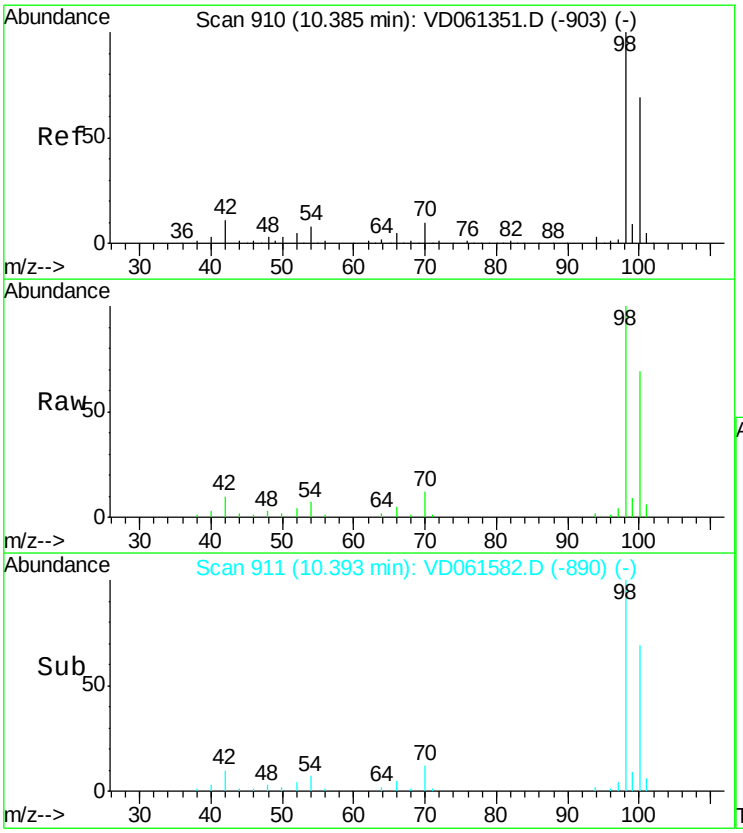
#38
Carbon Tetrachloride
Concen: 6.542 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.06 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 47856

Ion	Ratio	Lower	Upper
117	100		
119	4.7	80.1	120.1#
121	0.0	25.6	38.4#

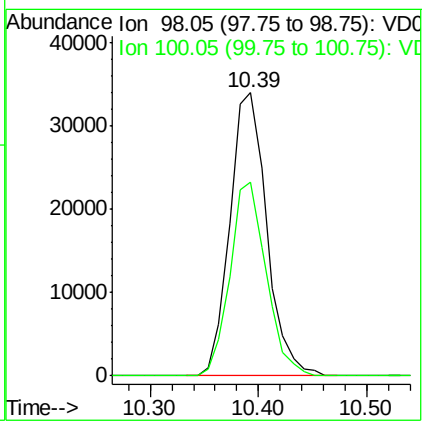


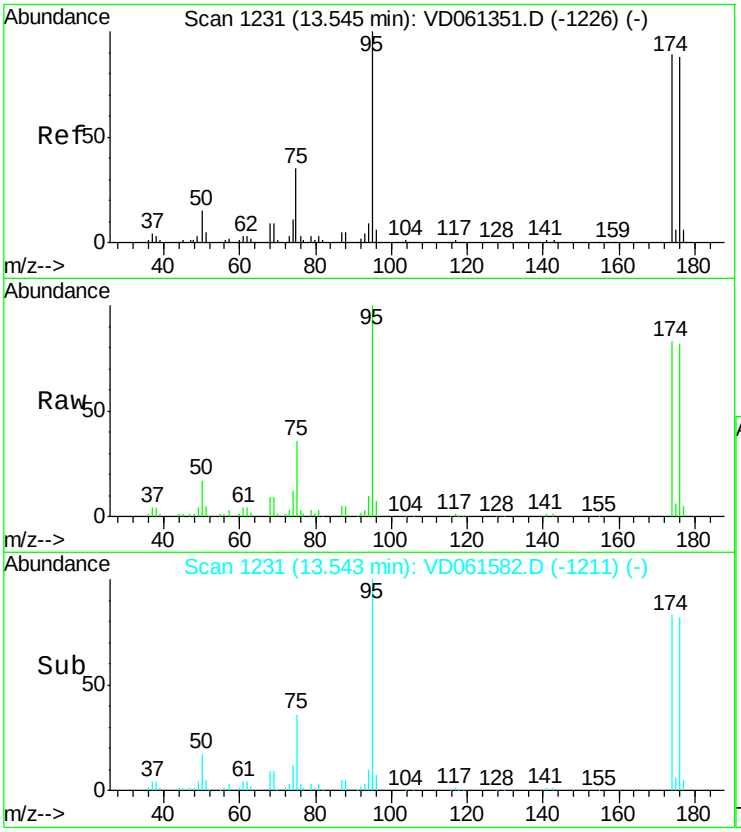


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.01 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Tgt Ion: 98 Resp: 80325

Ion	Ratio	Lower	Upper
98	100		
100	68.5	56.2	84.2



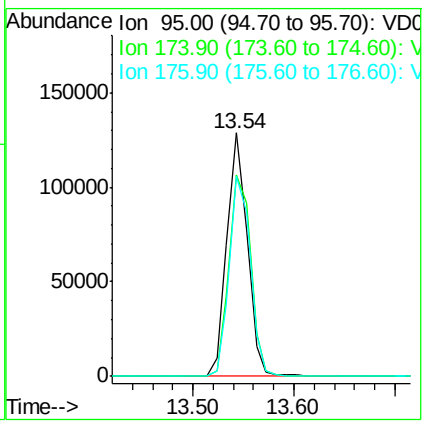


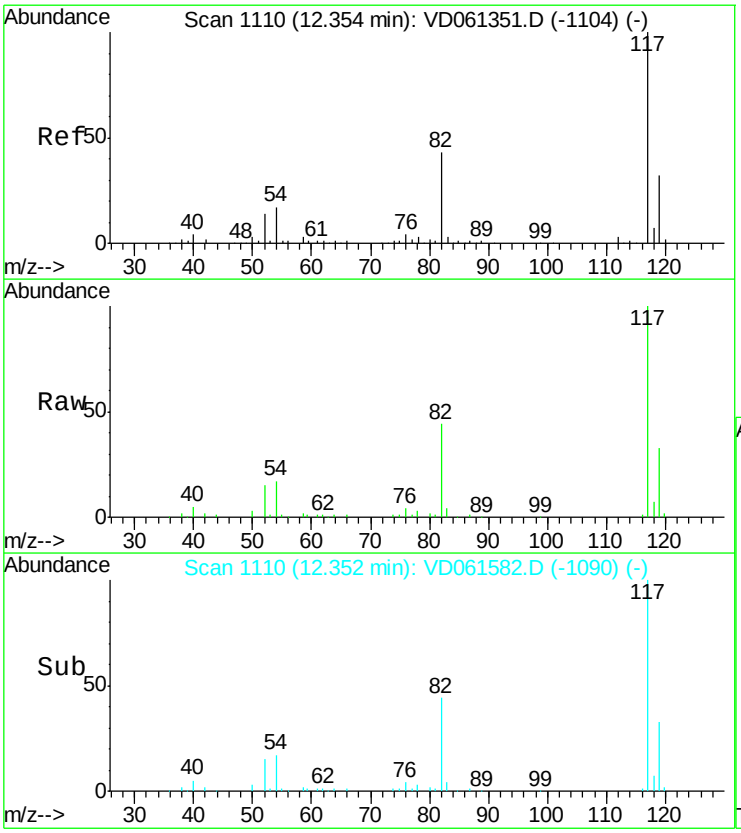
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 180821

Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	178.0
176	82.1	0.0	175.0

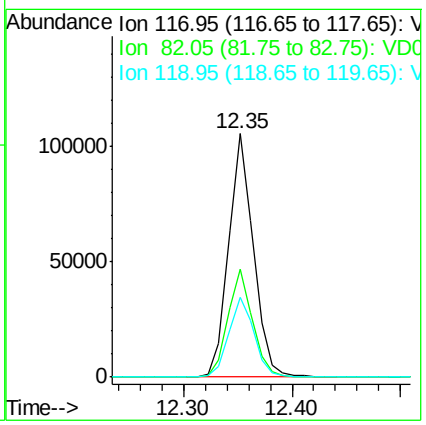


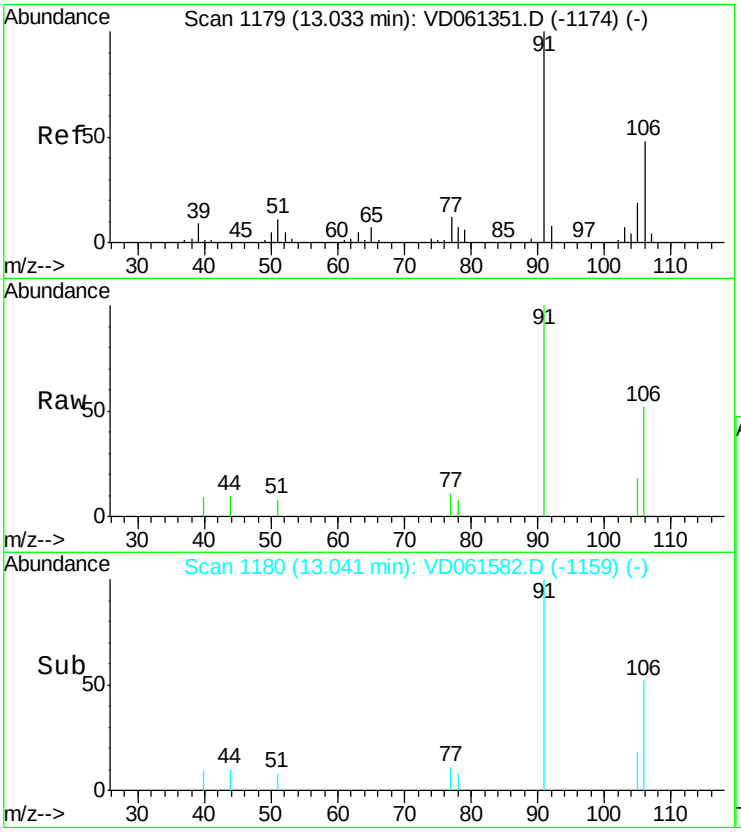


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Tgt Ion:117 Resp: 168147

Ion	Ratio	Lower	Upper
117	100		
82	44.1	34.4	51.6
119	32.6	25.8	38.6



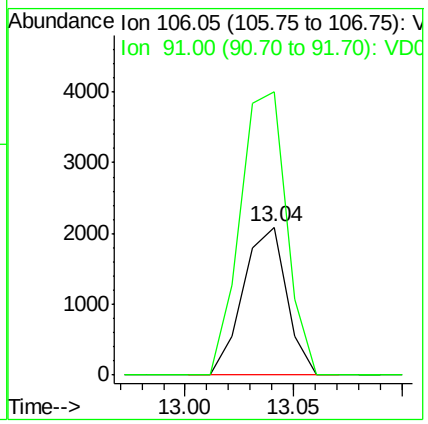


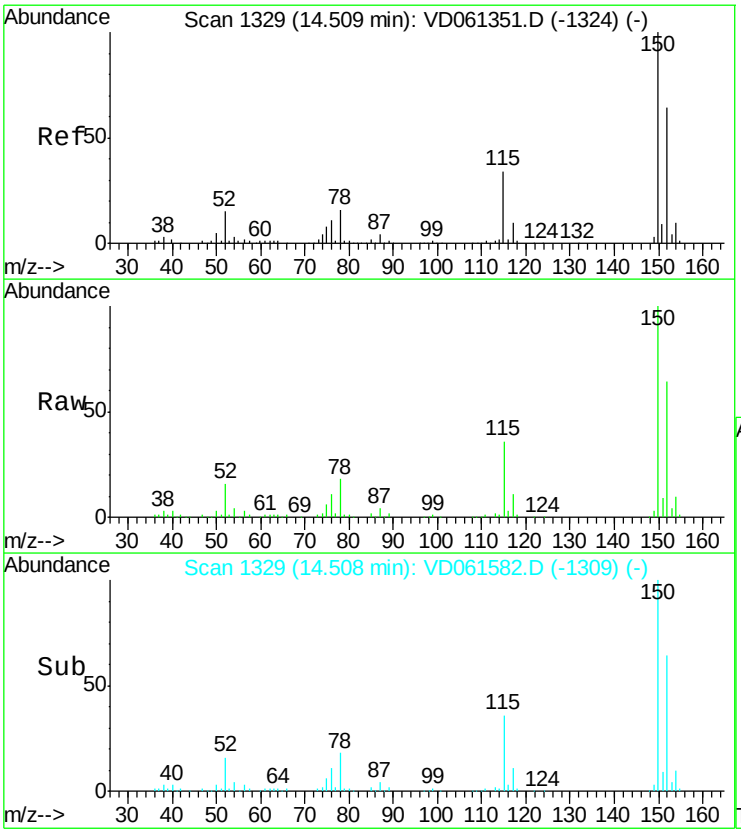
#69
o-Xylene
Concen: 1.528 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 2946

Ion	Ratio	Lower	Upper
106	100		
91	191.7	103.8	311.3

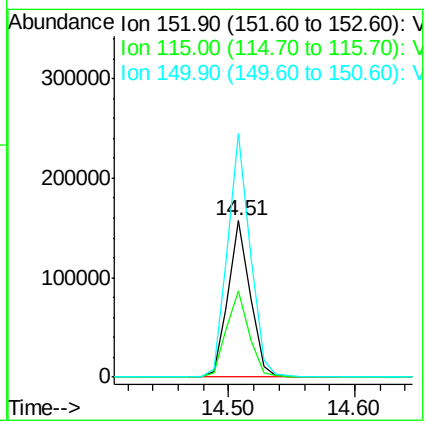


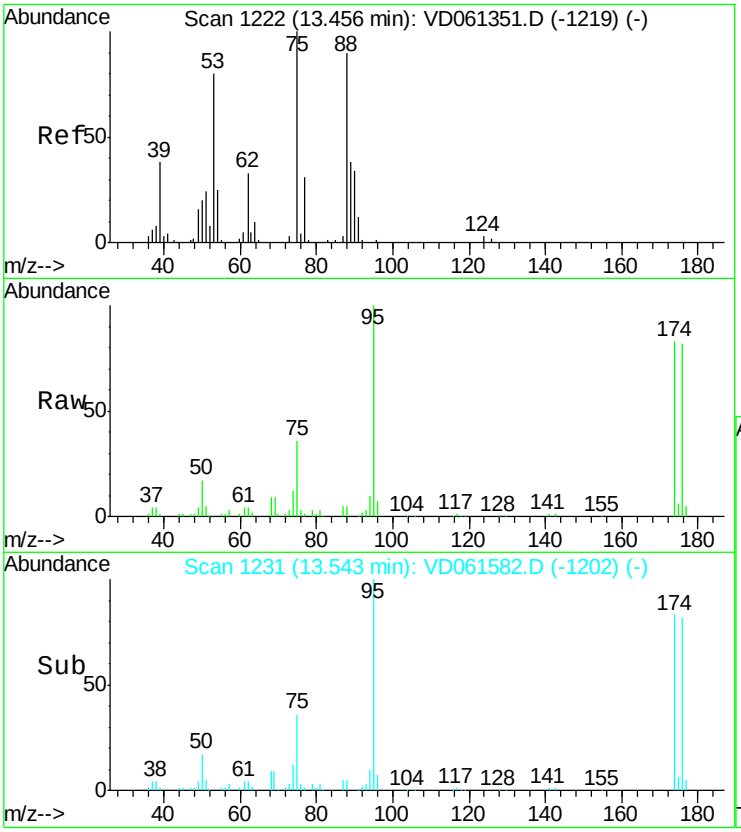


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Tgt Ion:152 Resp: 190074

Ion	Ratio	Lower	Upper
152	100		
115	55.5	26.9	80.6
150	156.0	0.0	318.0



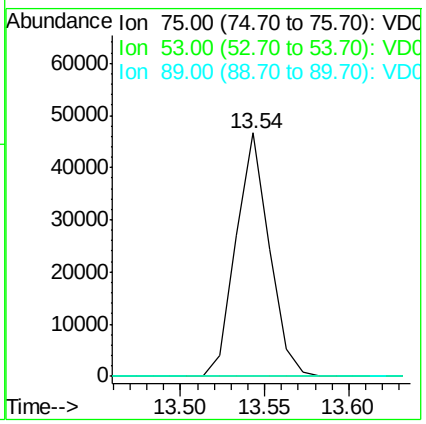


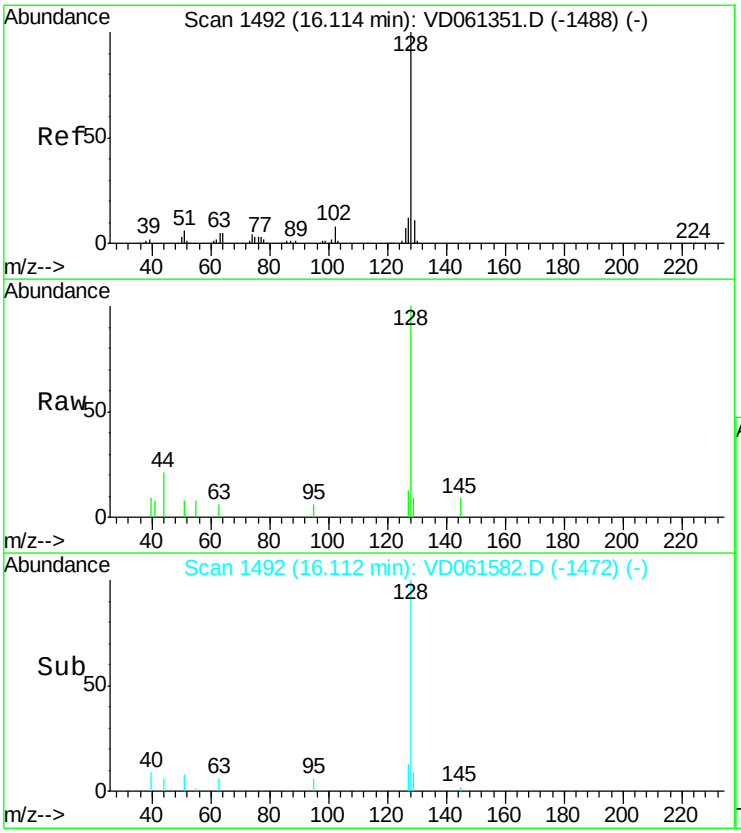
#81
trans-1,4-Dichloro-2-butene
Concen: 76.184 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.09 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 63778

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





#95
Naphthalene
Concen: 1.365 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Tgt Ion:128 Resp: 5164

Ion	Ratio	Lower	Upper
128	100		
127	12.8	9.9	14.9
129	9.4	8.9	13.3