Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040219\
Data File : VD061528.D
Acq On : 2 Apr 2019 21:39
Operator : VA/AP
Sample : K2186-19
Misc : 3.67g/5ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Apr 03 01:55:56 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	7.04	168	310828	50.00	ug/l		0.03
34) 1,4-Difluorobenzene	8.21	114	611630	50.00	ug/l		0.03
63) Chlorobenzene-d5	12.37	117	317395	50.00	ug/l		0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	75566	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.45	65	205120	77.25	ug/l		0.02
Spiked Amount 50.000			Recovery	=	154.50%		
35) Dibromofluoromethane	6.92	113	272477	58.30	ug/l		0.03
Spiked Amount 50.000			Recovery	=	116.60%		
50) Toluene-d8	10.41	98	429294	38.29	ug/l		0.03
Spiked Amount 50.000			Recovery	=	76.58%		
62) 4-Bromofluorobenzene	13.55	95	102844	23.92	ug/l		0.00
Spiked Amount 50.000			Recovery	=	47.84%		
Target Compounds							Qvalue
11) Tert butyl alcohol	4.08	59	204	1.234	ug/l	#	76
16) Acetone	3.23	43	144360	211.496	ug/l		99
18) Methyl Acetate	3.65	43	44860	31.258	ug/l		98
20) Methylene Chloride	3.81	84	31837	6.662	ug/l		94
31) Cyclohexane	7.03	56	5506	1.204	ug/l	#	1
36) 1,1-Dichloropropene	7.04	75	22742	4.260	ug/l	#	47
38) Carbon Tetrachloride	7.04	117	29704	4.842	ug/l	#	13
52) Toluene	10.50	92	9213	1.127	ug/l		85
76) 1,2,3-Trichloropropane	13.55	75	31821	29.152	ug/l	#	42
81) trans-1,4-Dichloro-2-buten	13.55	75	38171	114.689	ug/l	#	18

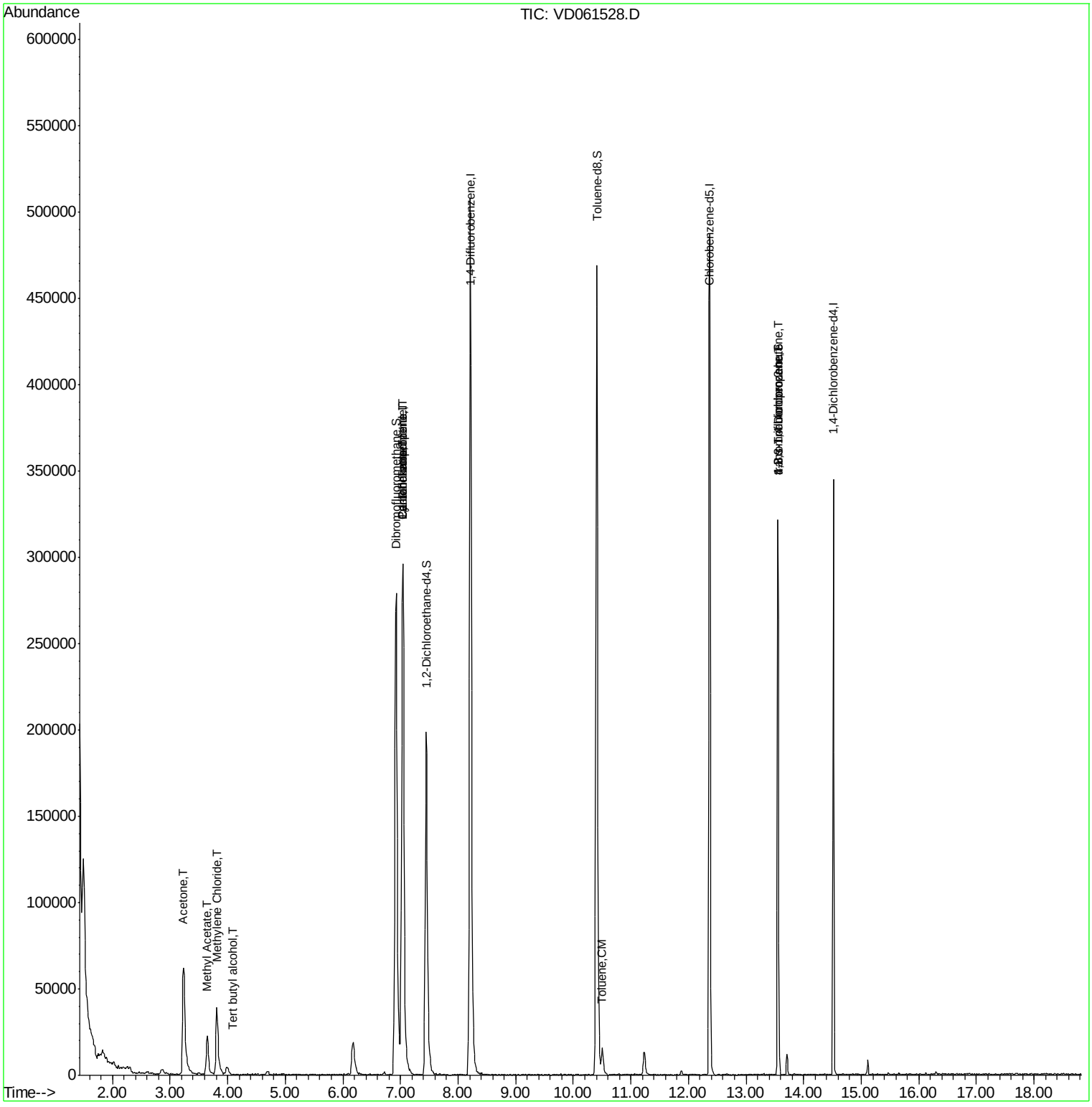
(#) = qualifier out of range (m) = manual integration (+) = signals summed

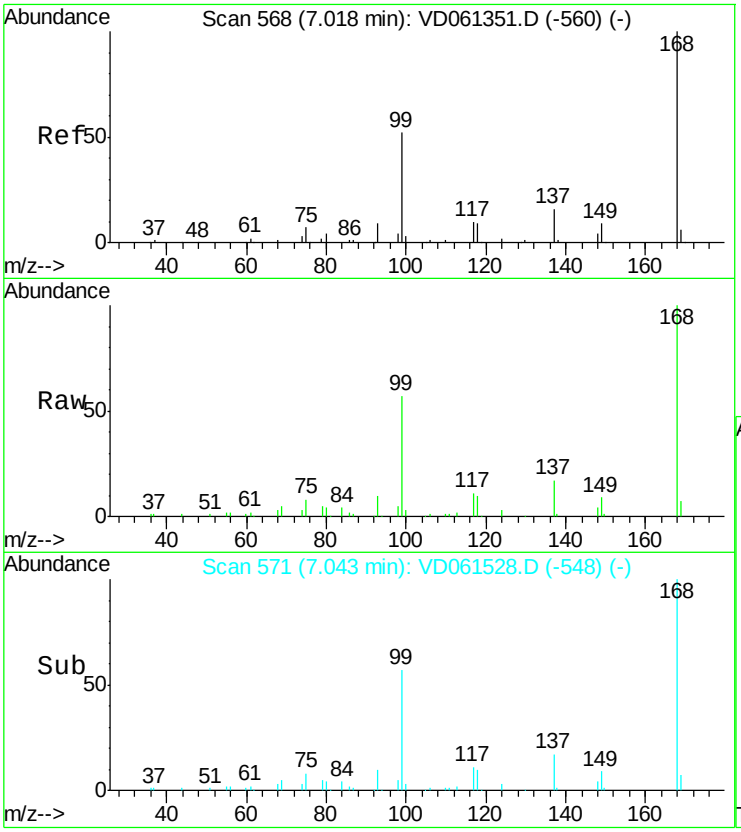
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
Data File : VD061528.D
Acq On : 2 Apr 2019 21:39
Operator : VA/AP
Sample : K2186-19
Misc : 3.67g/5ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 03 01:55:56 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



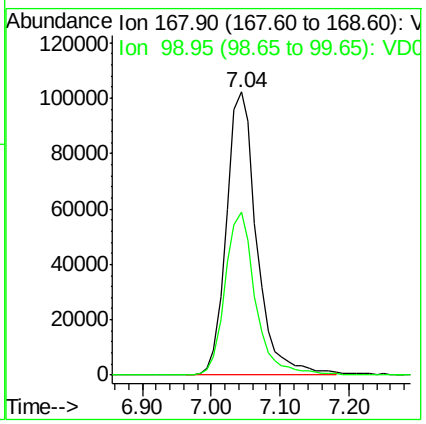


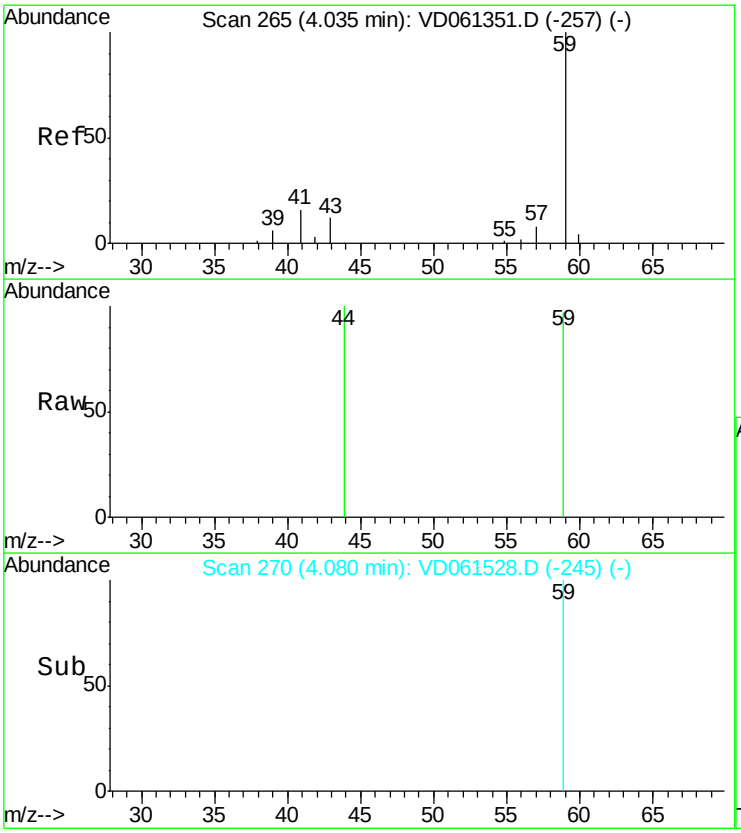
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.03 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 310828

Ion	Ratio	Lower	Upper
168	100		
99	57.4	43.1	64.7

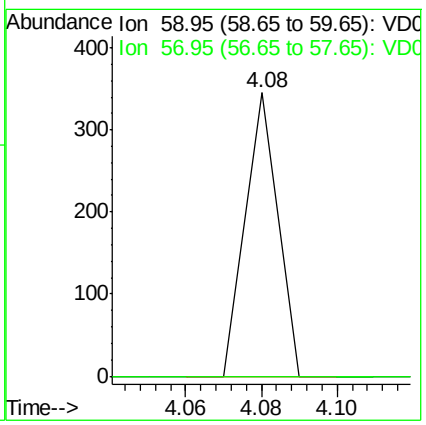


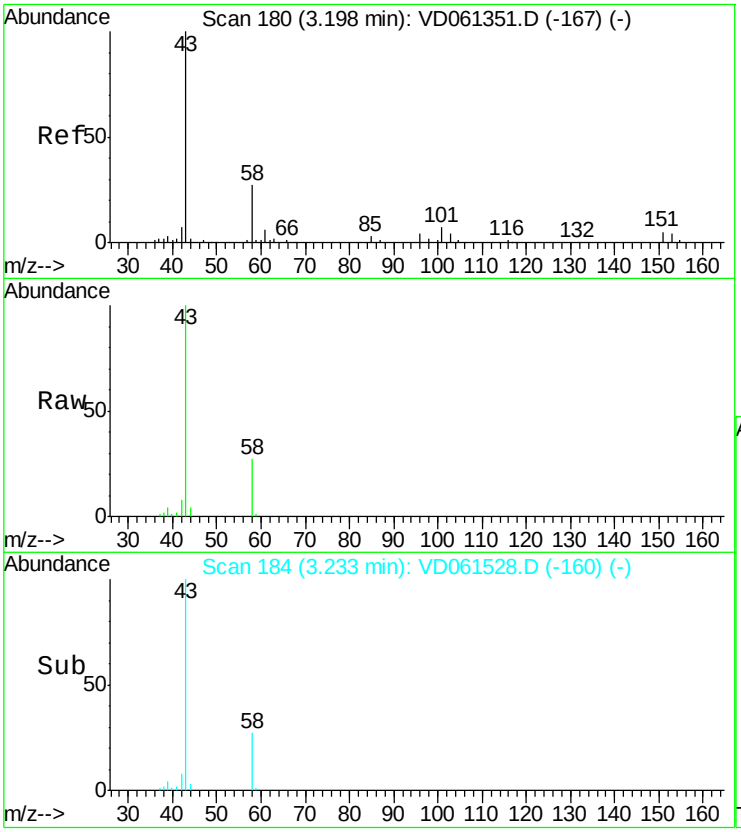


#11
Tert butyl alcohol
Concen: 1.234 ug/l
RT: 4.08 min Scan# 270
Delta R.T. 0.04 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

Tgt Ion: 59 Resp: 204

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.7	10.1#



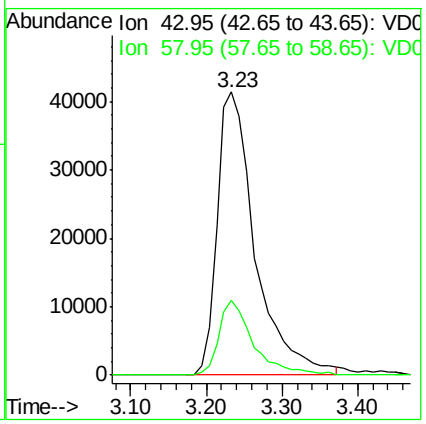


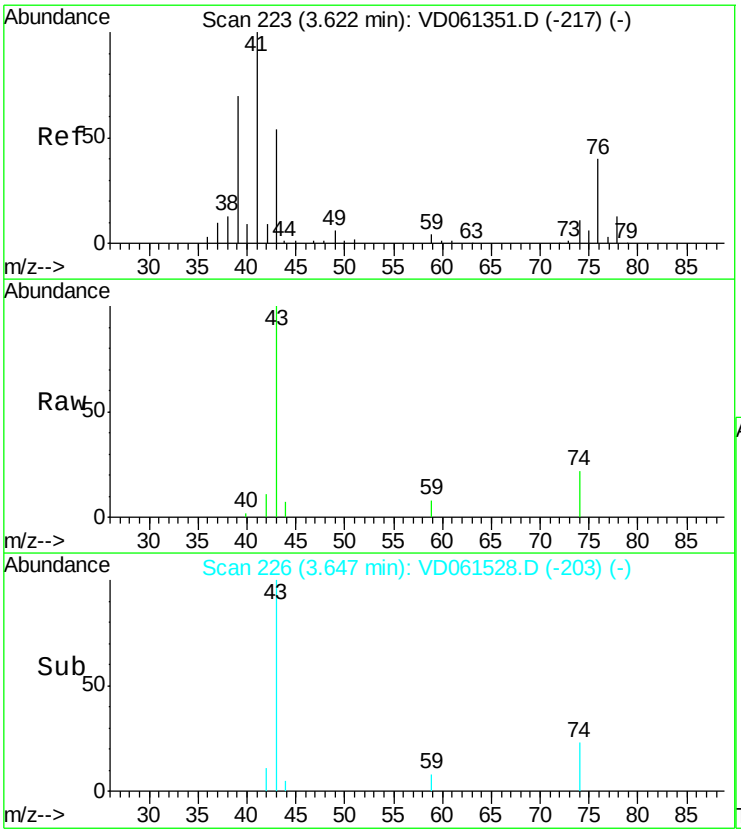
#16
Acetone
Concen: 211.496 ug/l
RT: 3.23 min Scan# 184
Delta R.T. 0.04 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 144360

Ion	Ratio	Lower	Upper
43	100		
58	26.5	21.5	32.3

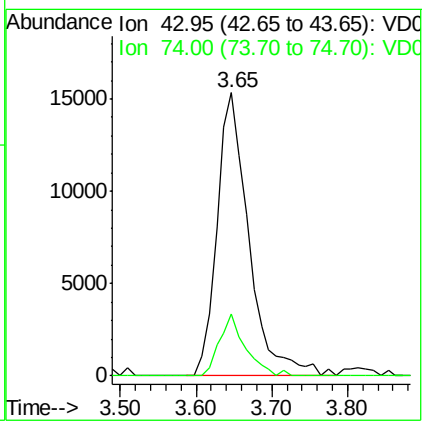


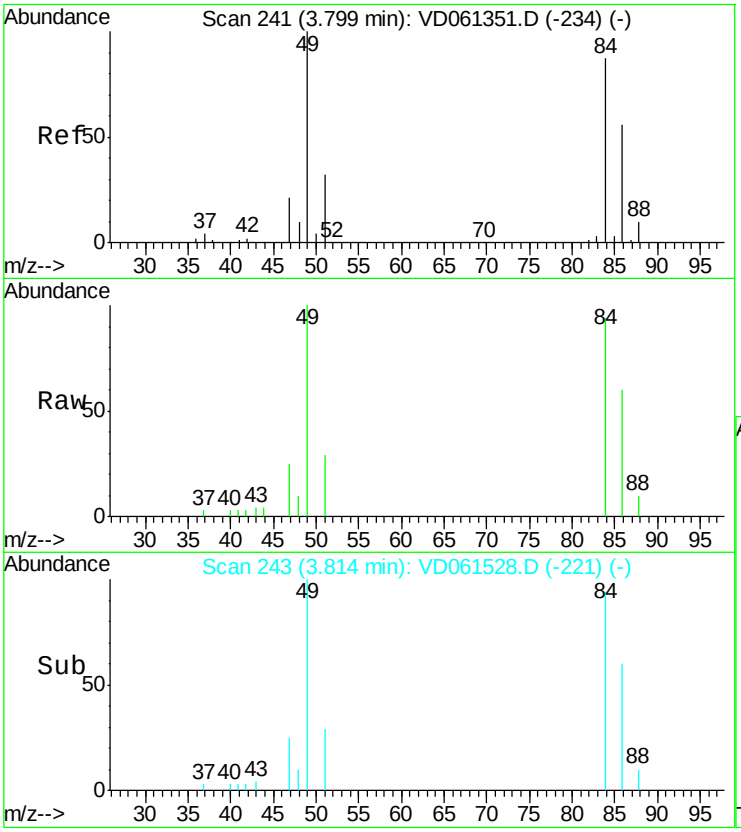


#18
Methyl Acetate
Concen: 31.258 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.03 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

Tgt Ion: 43 Resp: 44860

Ion	Ratio	Lower	Upper
43	100		
74	21.9	16.7	25.1



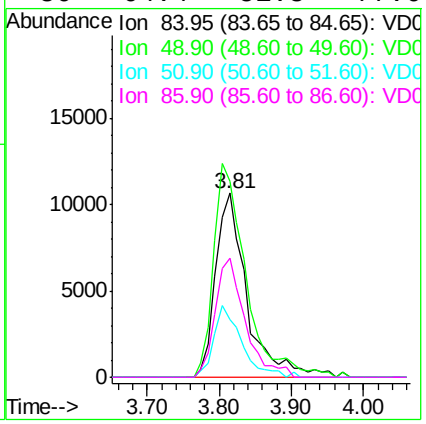


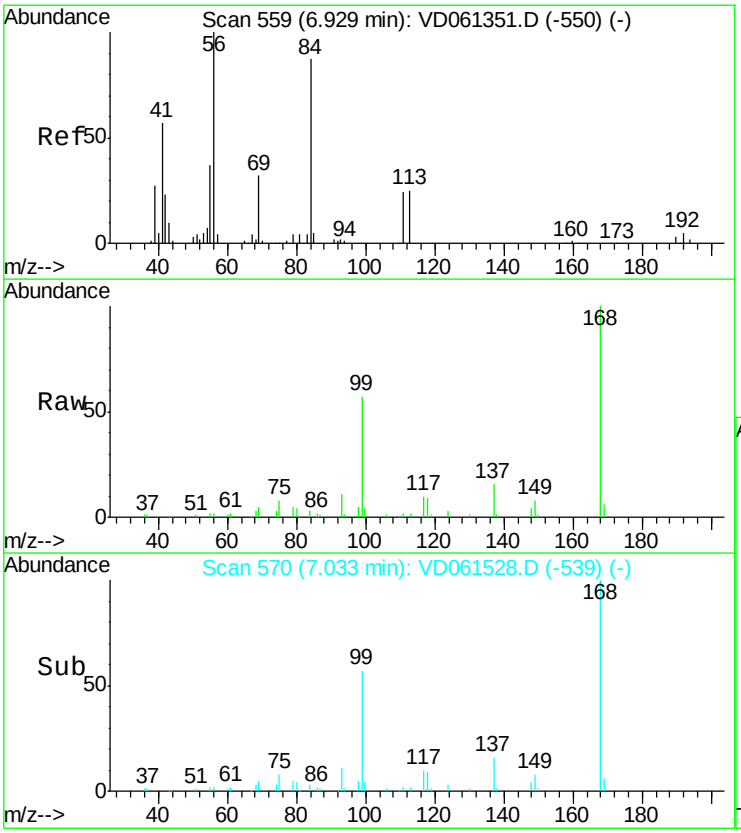
#20
Methylene Chloride
Concen: 6.662 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 31837

Ion	Ratio	Lower	Upper
84	100		
49	106.7	91.8	137.8
51	31.2	29.8	44.8
86	64.4	51.8	77.6

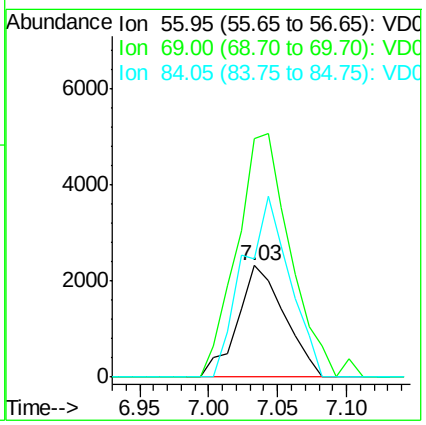


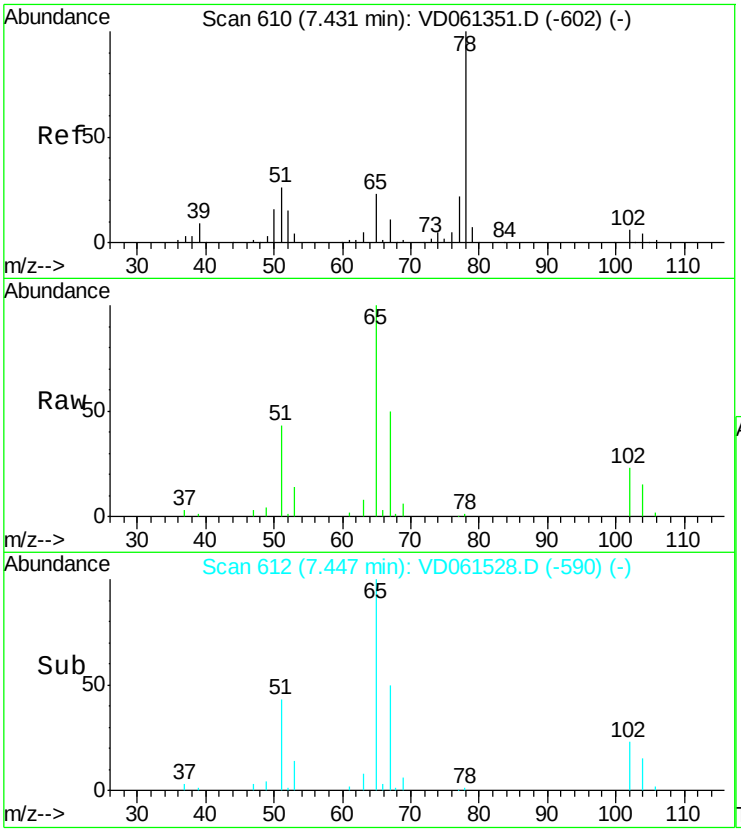


#31
Cyclohexane
Concen: 1.204 ug/l
RT: 7.03 min Scan# 570
Delta R.T. 0.10 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

Tgt Ion: 56 Resp: 5506

Ion	Ratio	Lower	Upper
56	100		
69	213.7	25.7	38.5#
84	105.7	70.6	105.8



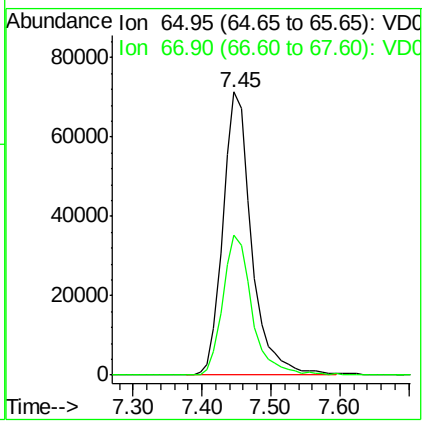


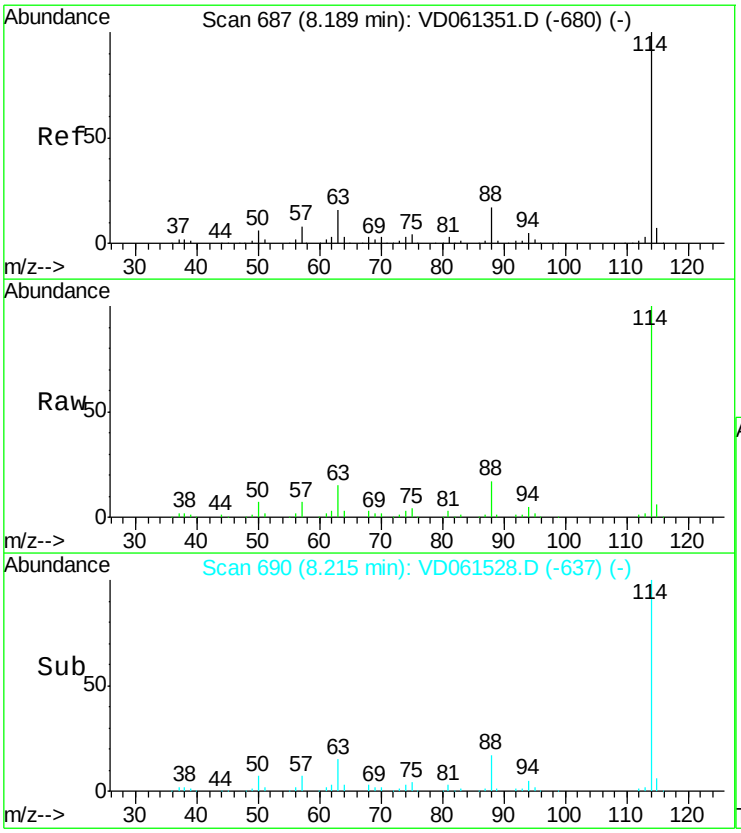
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 205120

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	99.8

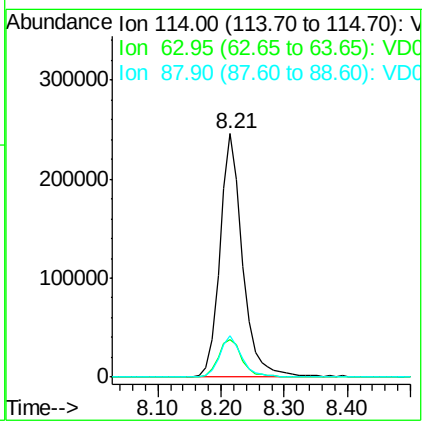


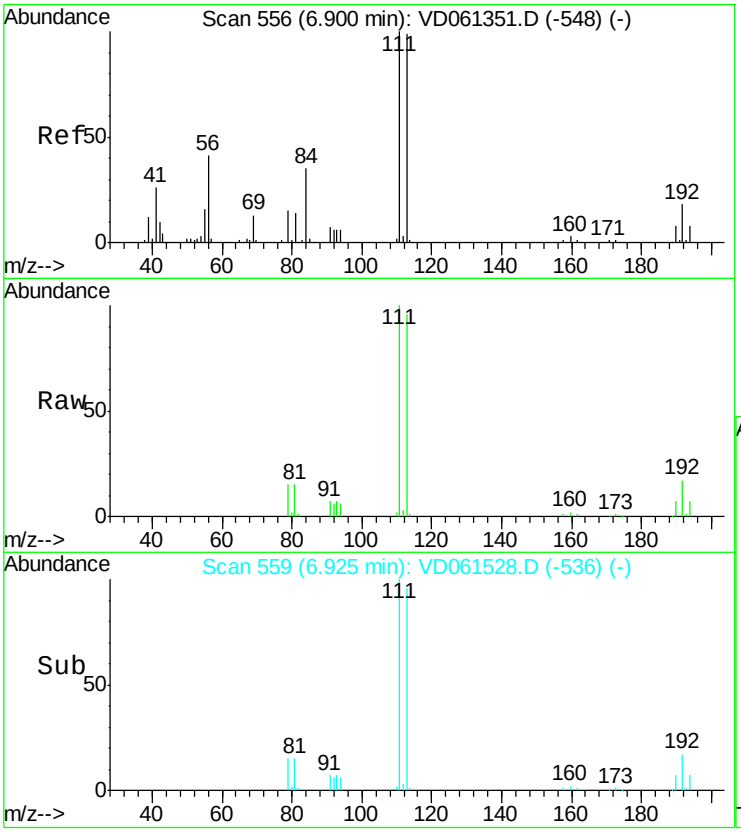


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 690
Delta R.T. 0.03 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

Tgt Ion:114 Resp: 611630

Ion	Ratio	Lower	Upper
114	100		
63	15.5	0.0	31.6
88	17.1	0.0	33.4



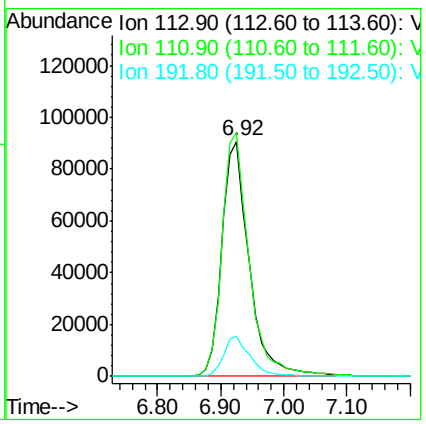


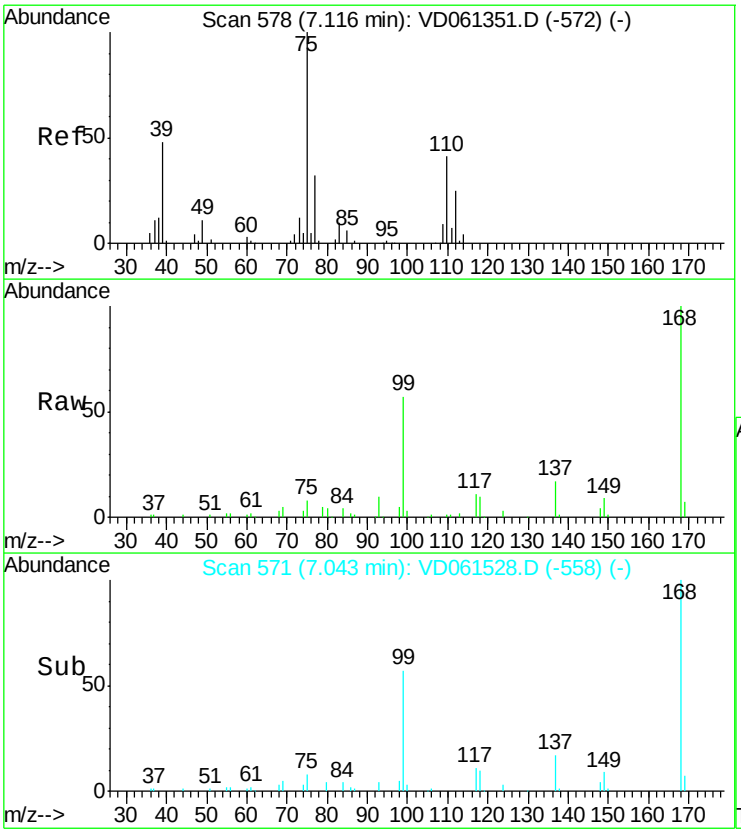
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 559
Delta R.T. 0.03 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 272477

Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.0	121.6
192	17.1	14.4	21.6

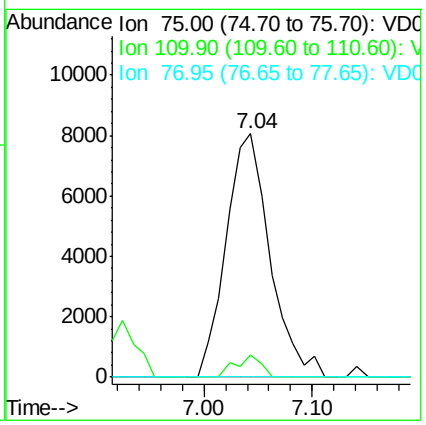


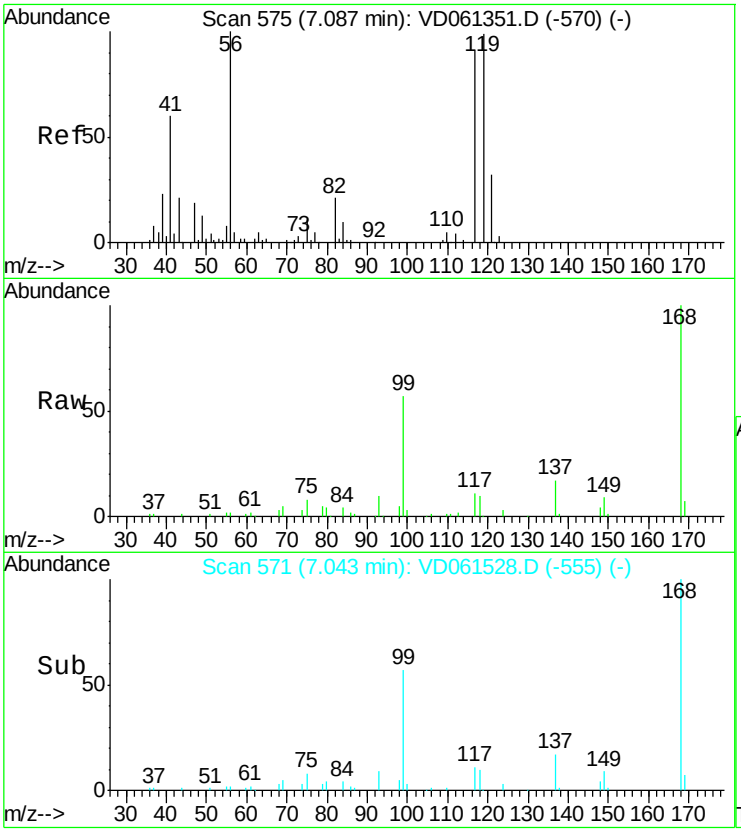


#36
1,1-Dichloropropene
Concen: 4.260 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.07 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

Tgt Ion: 75 Resp: 22742

Ion	Ratio	Lower	Upper
75	100		
110	9.2	20.4	61.3#
77	0.0	24.9	37.3#



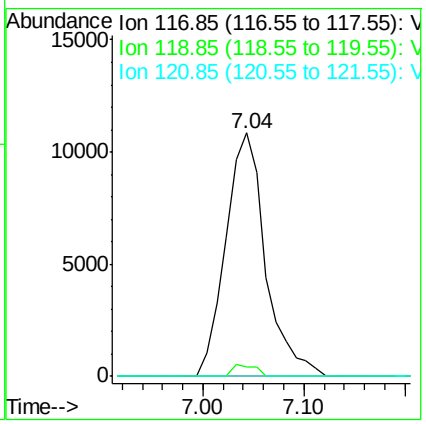


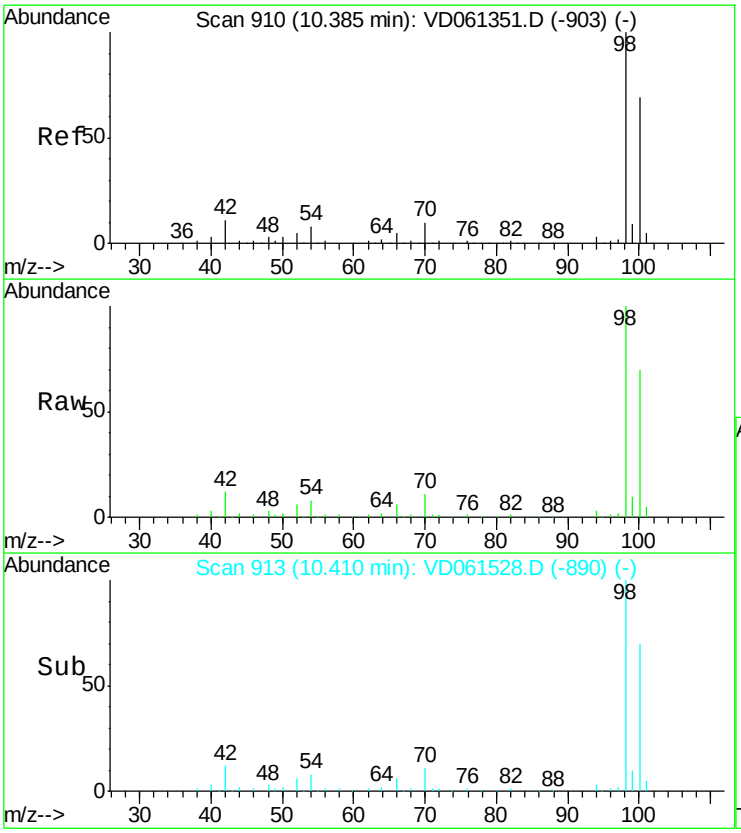
#38
Carbon Tetrachloride
Concen: 4.842 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.04 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 29704

Ion	Ratio	Lower	Upper
117	100		
119	3.9	80.1	120.1#
121	0.0	25.6	38.4#

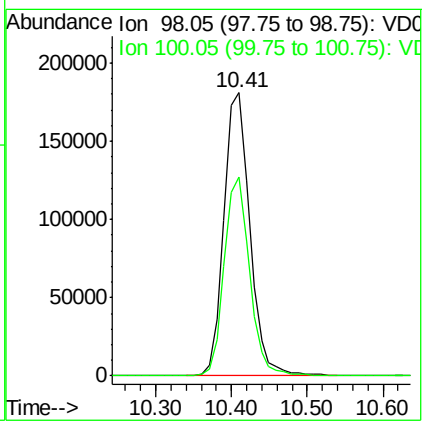


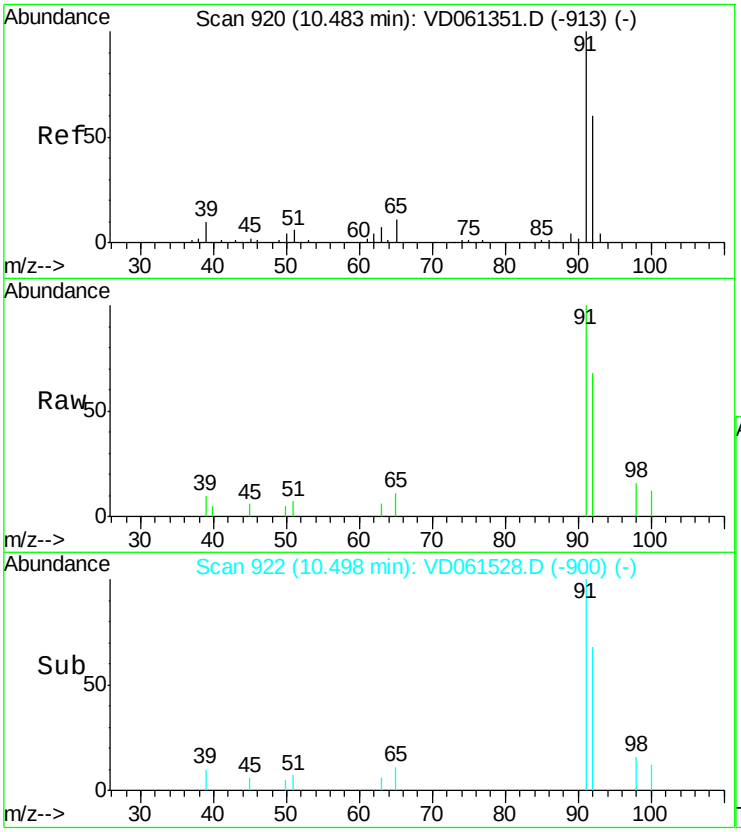


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.03 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

Tgt Ion: 98 Resp: 429294

Ion	Ratio	Lower	Upper
98	100		
100	70.1	56.2	84.2



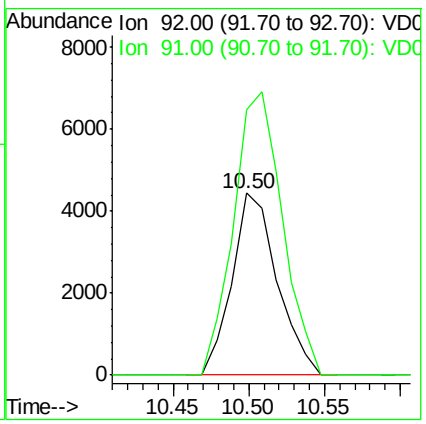


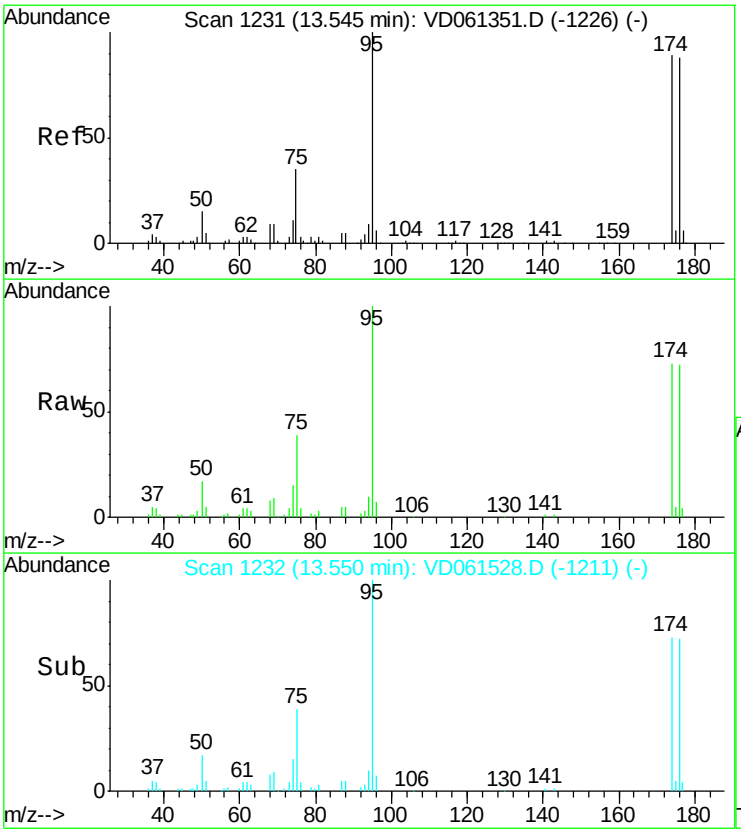
#52
Toluene
Concen: 1.127 ug/l
RT: 10.50 min Scan# 922
Delta R.T. 0.02 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 92 Resp: 9213

Ion	Ratio	Lower	Upper
92	100		
91	146.2	133.3	199.9

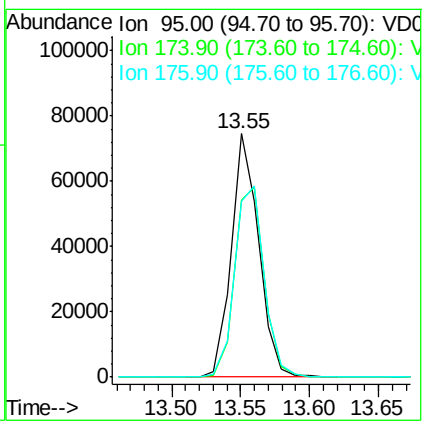


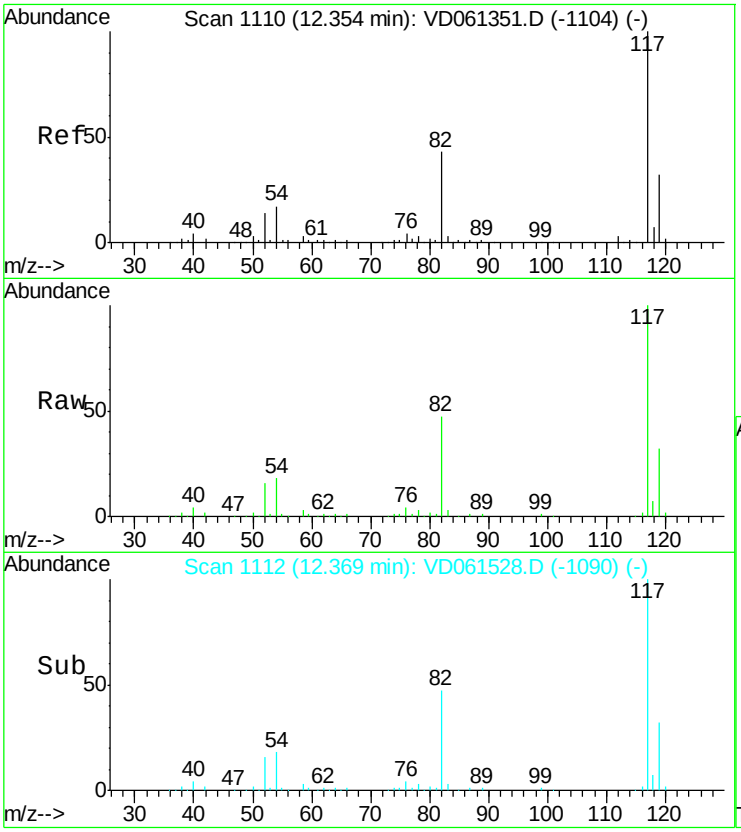


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

Tgt Ion: 95 Resp: 102844

Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	178.0
176	71.9	0.0	175.0



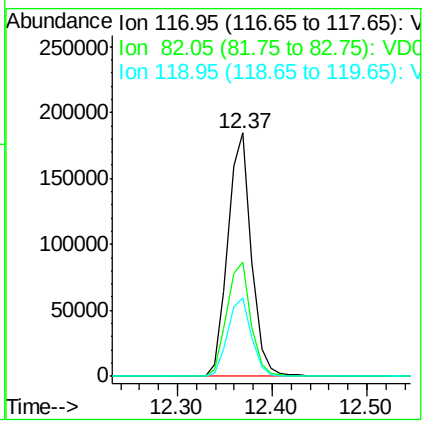


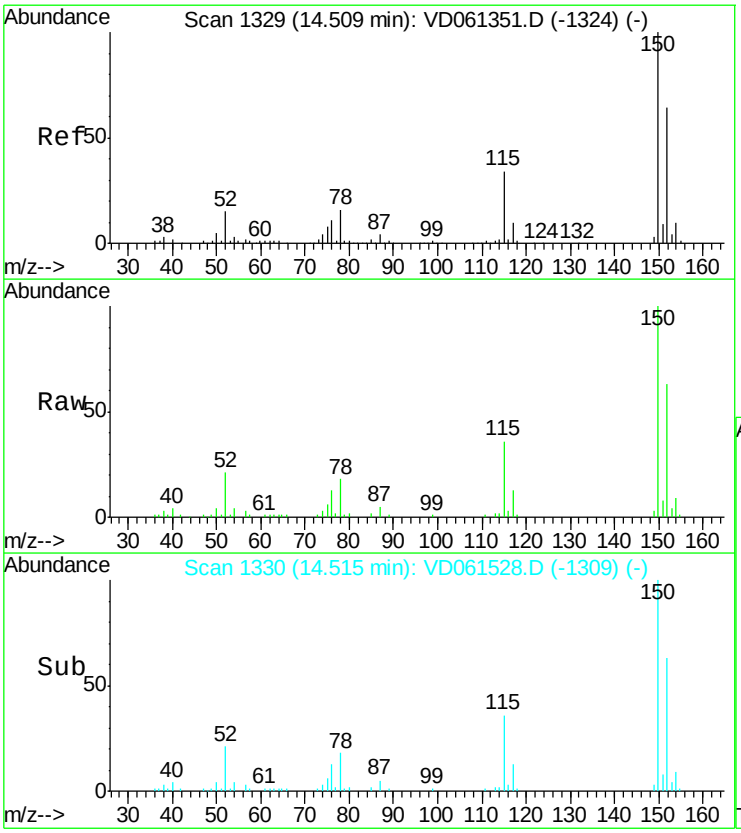
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 317395

Ion	Ratio	Lower	Upper
117	100		
82	46.9	34.4	51.6
119	32.2	25.8	38.6

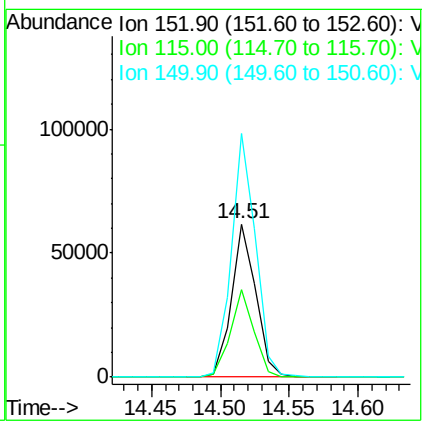


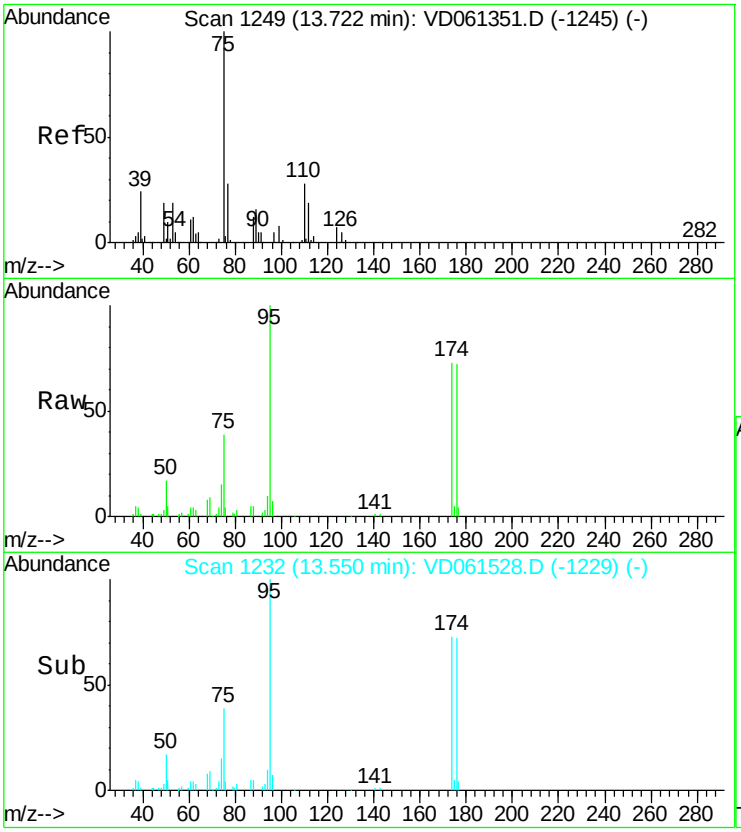


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

Tgt Ion:152 Resp: 75566

Ion	Ratio	Lower	Upper
152	100		
115	57.0	26.9	80.6
150	158.9	0.0	318.0



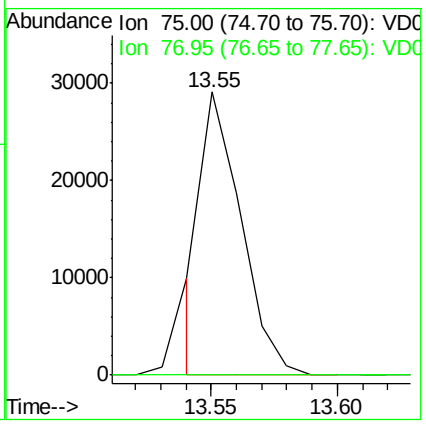


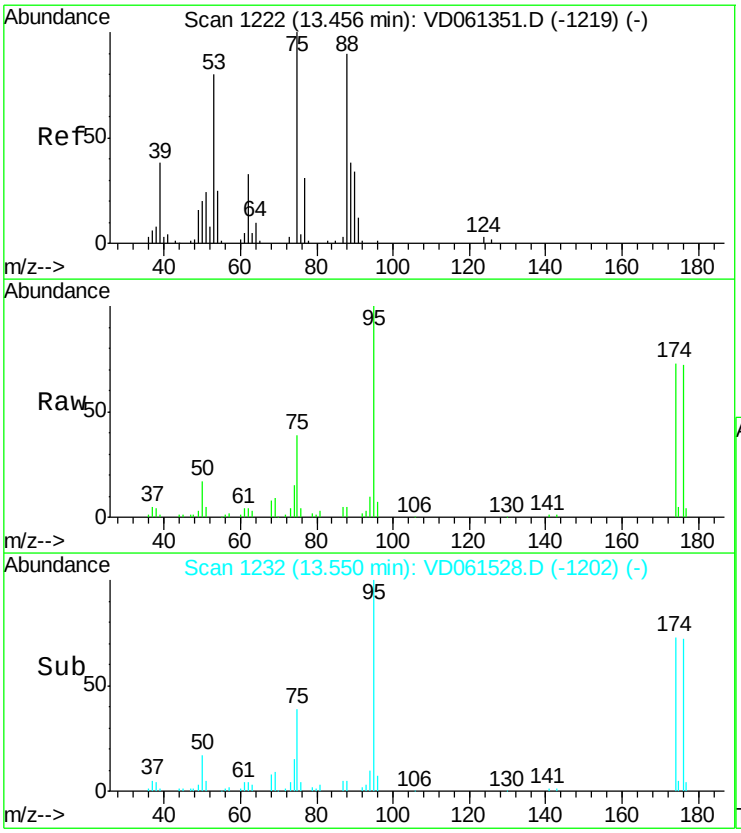
#76
1,2,3-Trichloropropane
Concen: 29.152 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.17 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 31821

Ion	Ratio	Lower	Upper
75	100		
77	0.0	16.2	48.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 114.689 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.09 min
Lab File: VD061528.D
Acq: 2 Apr 2019 21:39

Tgt Ion: 75 Resp: 38171

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