Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042919\
Data File : VD062067.D
Acq On : 29 Apr 2019 17:19
Operator : FY/SY
Sample : K2584-04RE
Misc : 5.04gm/5mL/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Apr 30 01:11:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	565533	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	865662	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	704850	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	314387	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	253709	57.32	ug/l	-0.03
Spiked Amount 50.000			Recovery = 114.64%			
35) Dibromofluoromethane	6.90	113	356723	59.58	ug/l	-0.03
Spiked Amount 50.000			Recovery = 119.16%			
50) Toluene-d8	10.38	98	722460	50.71	ug/l	-0.03
Spiked Amount 50.000			Recovery = 101.42%			
62) 4-Bromofluorobenzene	13.54	95	291210	50.97	ug/l	-0.01
Spiked Amount 50.000			Recovery = 101.94%			
Target Compounds						Qvalue
5) Bromomethane	2.19	94	399	Below Cal	#	12
10) Methyl Iodide	3.29	142	392	5.471	ug/l #	37
11) Tert butyl alcohol	3.97	59	10940	43.746	ug/l #	76
16) Acetone	3.21	43	302984	286.689	ug/l	96
18) Methyl Acetate	3.62	43	11585	4.058	ug/l #	85
20) Methylene Chloride	3.80	84	5418	Below Cal	#	84
25) 2-Butanone	6.03	43	9193	7.175	ug/l #	91
31) Cyclohexane	7.02	56	9479	1.438	ug/l #	1
36) 1,1-Dichloropropene	7.02	75	39917	5.918	ug/l #	48
38) Carbon Tetrachloride	7.02	117	55012	6.437	ug/l #	16
51) 4-Methyl-2-Pentanone	10.38	43	2628	1.023	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.54	75	110916	91.681	ug/l #	16

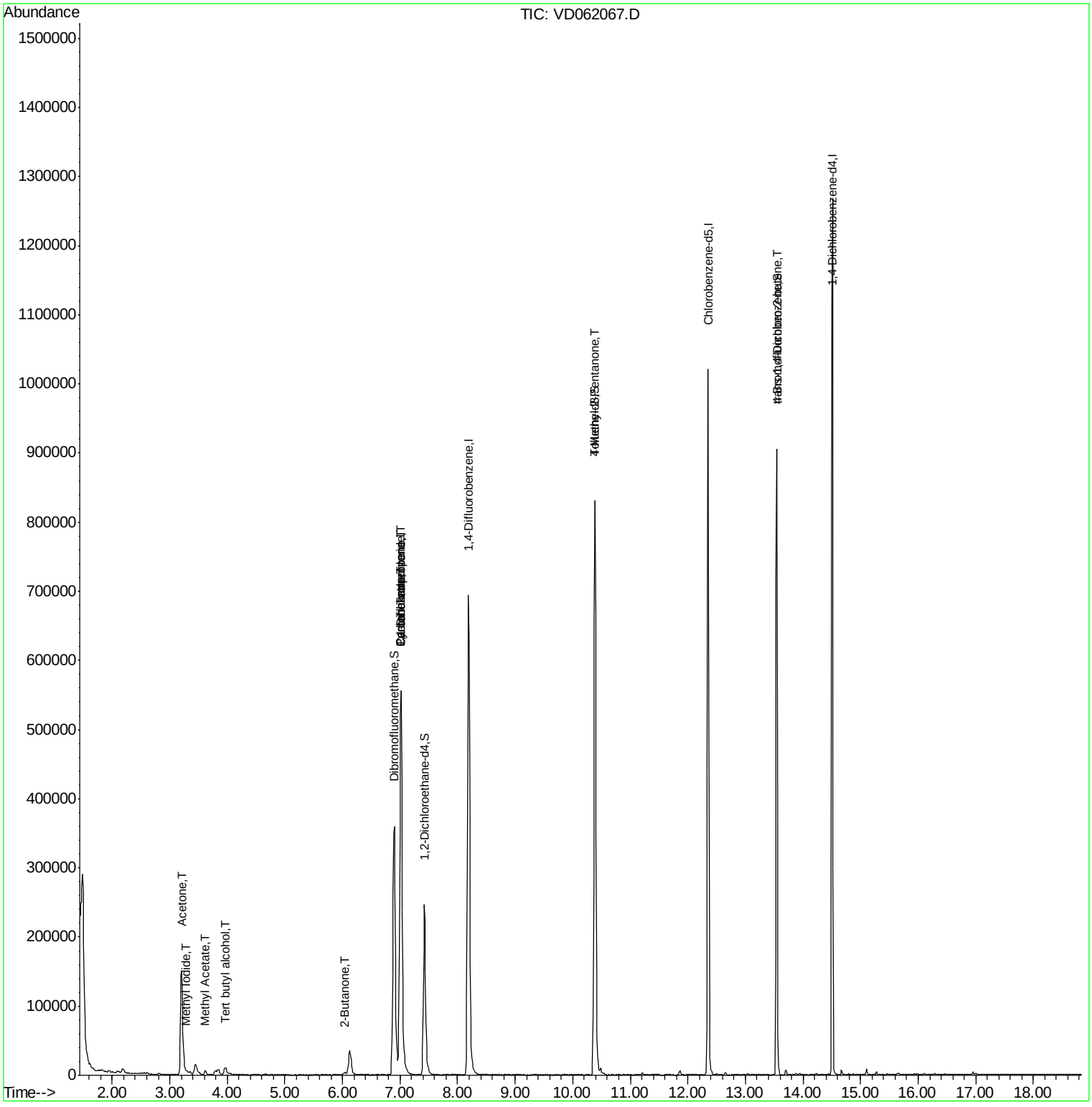
(#) = qualifier out of range (m) = manual integration (+) = signals summed

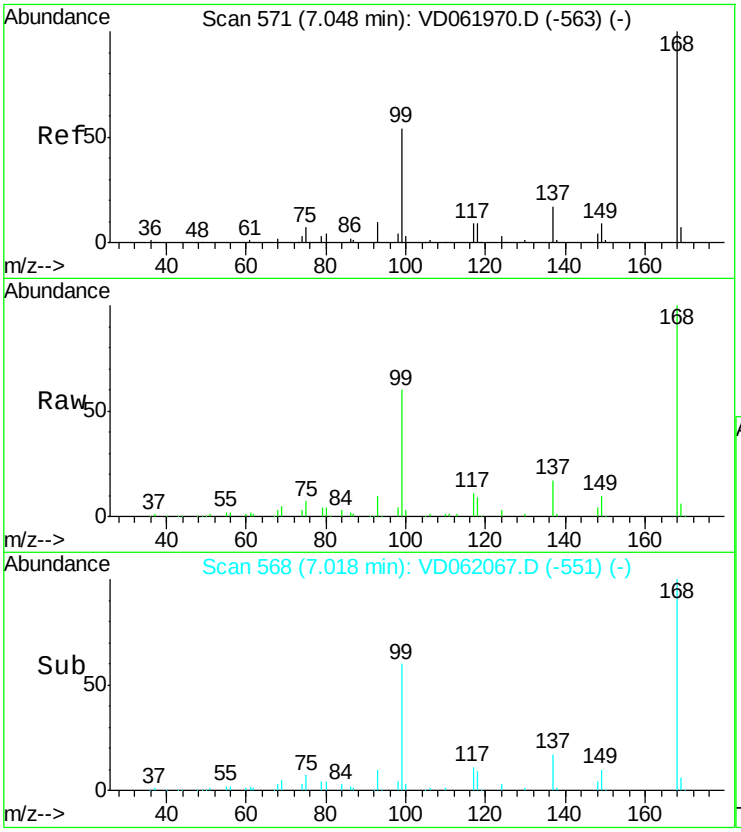
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042919\
Data File : VD062067.D
Acq On : 29 Apr 2019 17:19
Operator : FY/SY
Sample : K2584-04RE
Misc : 5.04gm/5mL/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 30 01:11:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration



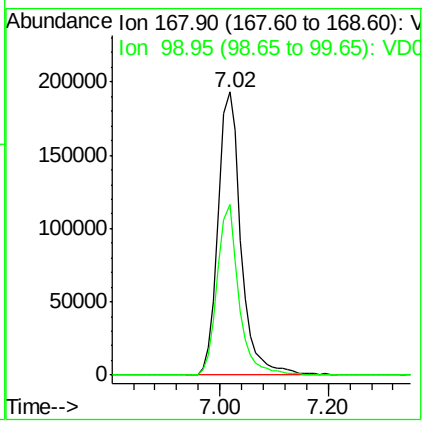


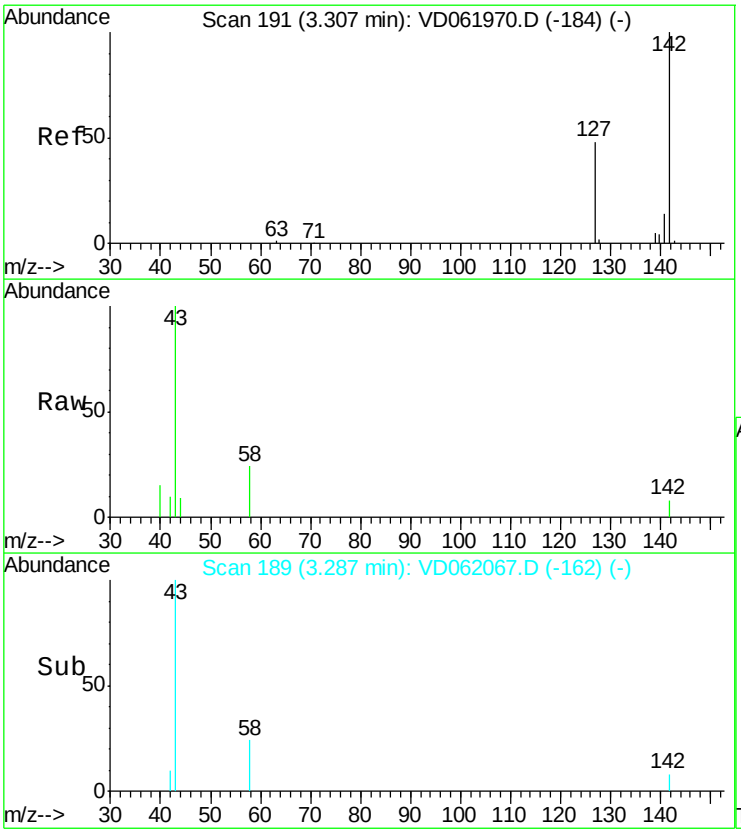
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.03 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 565533

Ion	Ratio	Lower	Upper
168	100		
99	60.3	46.5	69.7

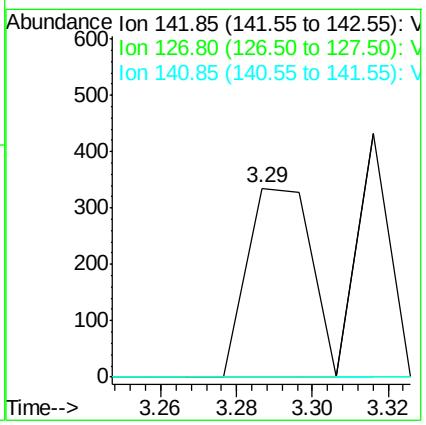


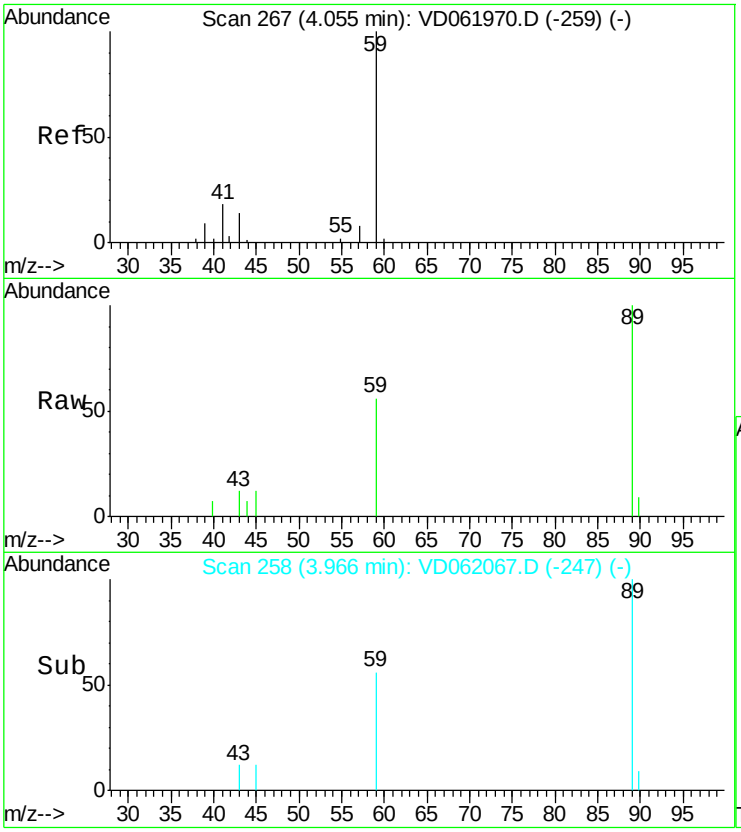


#10
Methyl Iodide
Concen: 5.471 ug/l
RT: 3.29 min Scan# 189
Delta R.T. -0.03 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Tgt Ion:142 Resp: 392

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



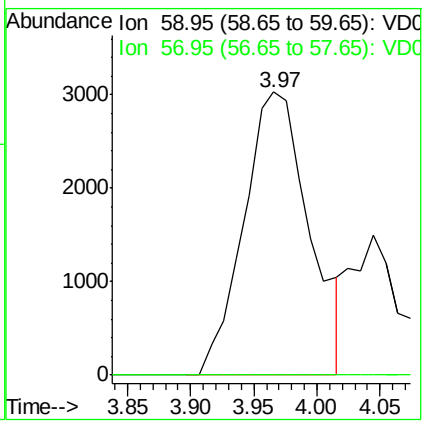


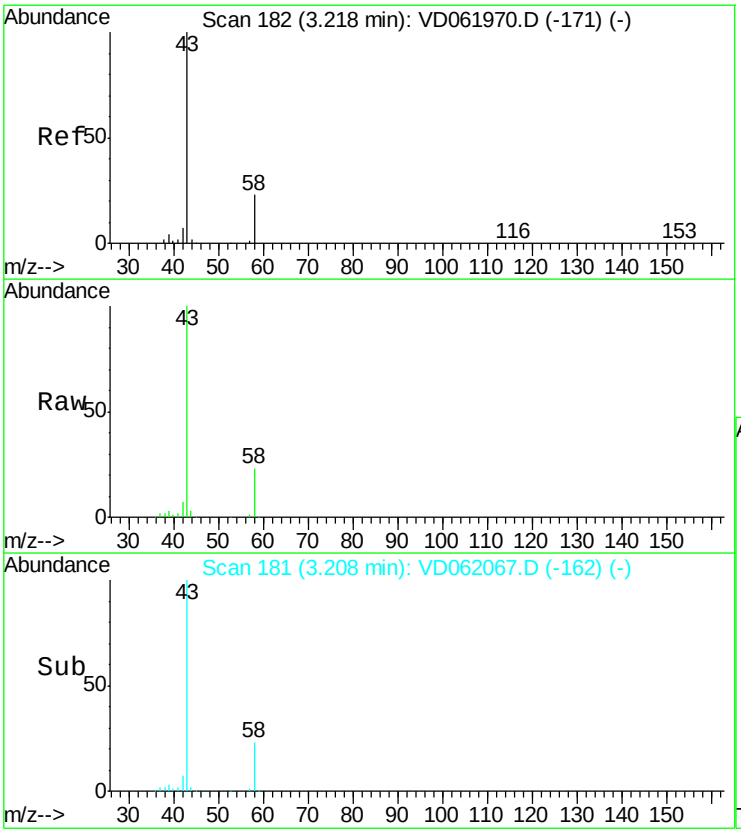
#11
Tert butyl alcohol
Concen: 43.746 ug/l
RT: 3.97 min Scan# 258
Delta R.T. -0.09 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 10940

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.9	10.3#

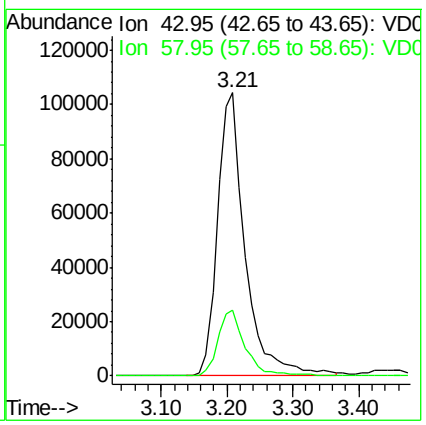


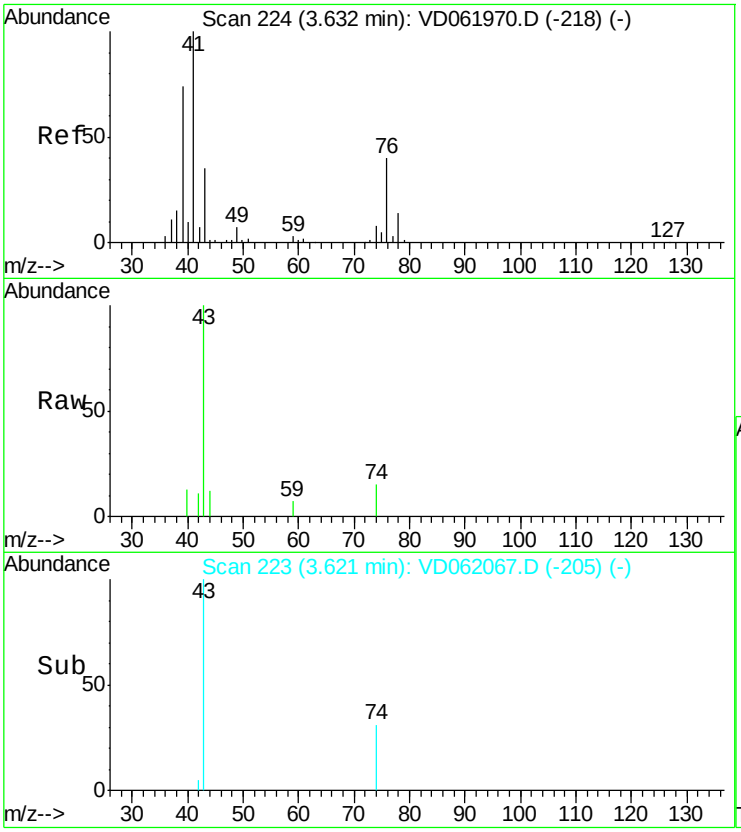


#16
Acetone
Concen: 286.689 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.01 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Tgt Ion: 43 Resp: 302984

Ion	Ratio	Lower	Upper
43	100		
58	23.1	19.9	29.9



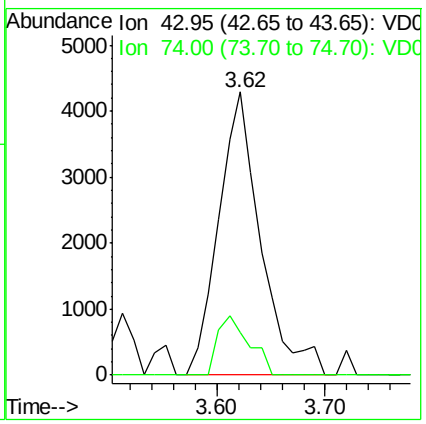


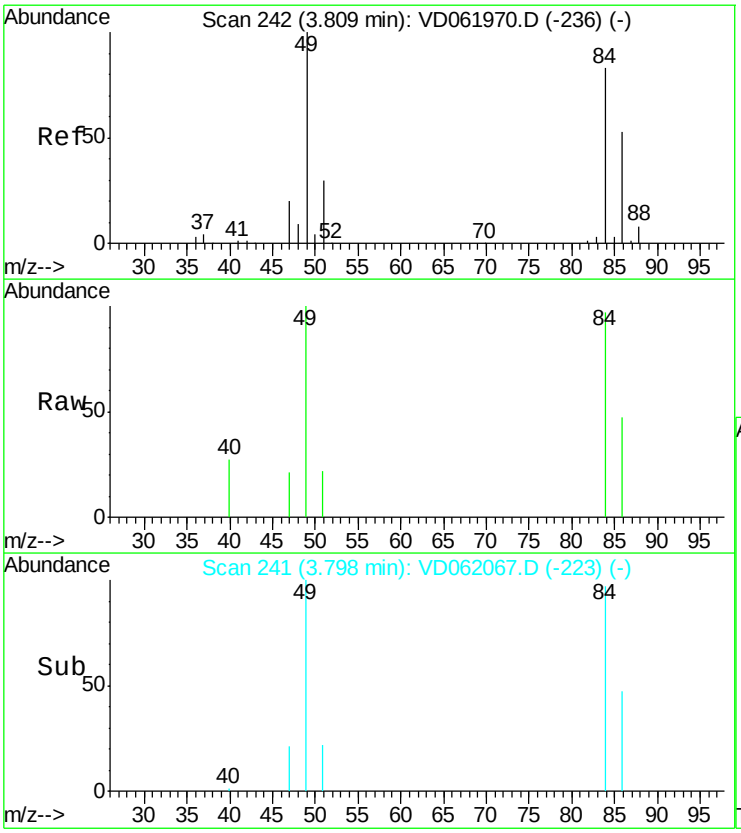
#18
Methyl Acetate
Concen: 4.058 ug/l
RT: 3.62 min Scan# 223
Delta R.T. -0.02 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 11585

Ion	Ratio	Lower	Upper
43	100		
74	15.2	18.0	27.0#

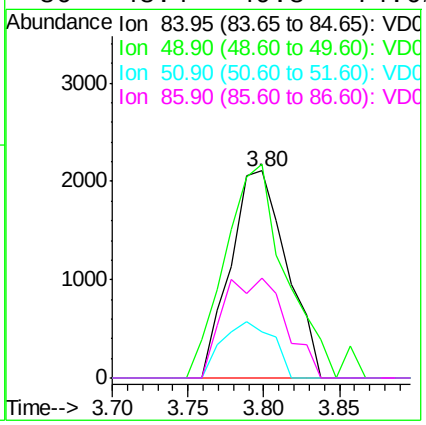


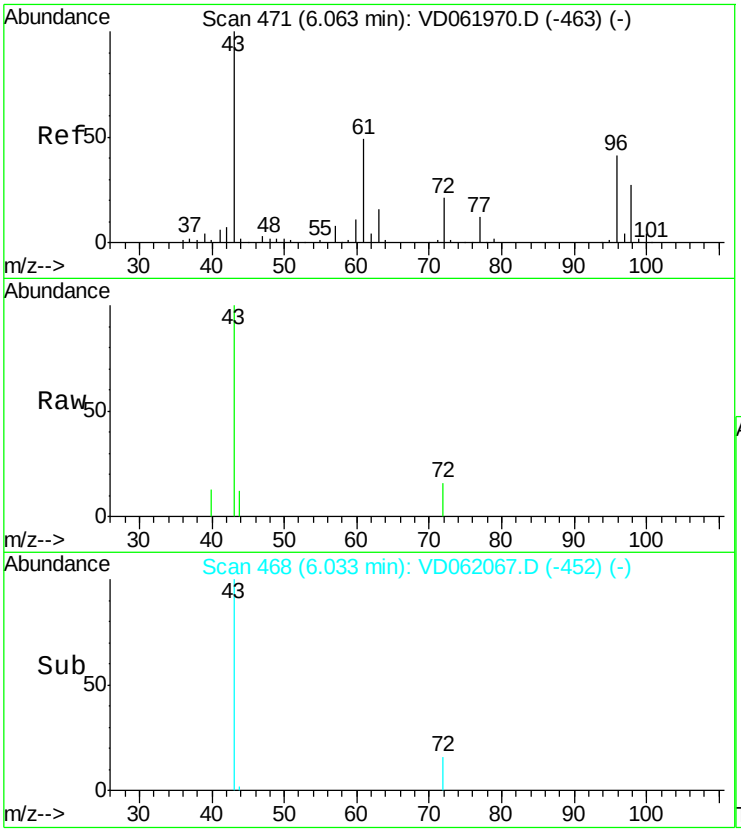


#20
Methylene Chloride
Concen: Below Cal
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Tgt Ion: 84 Resp: 5418

Ion	Ratio	Lower	Upper
84	100		
49	103.1	94.0	141.0
51	22.5	29.0	43.4#
86	48.4	49.8	74.6#



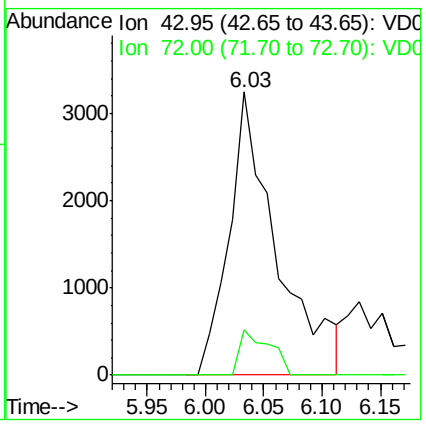


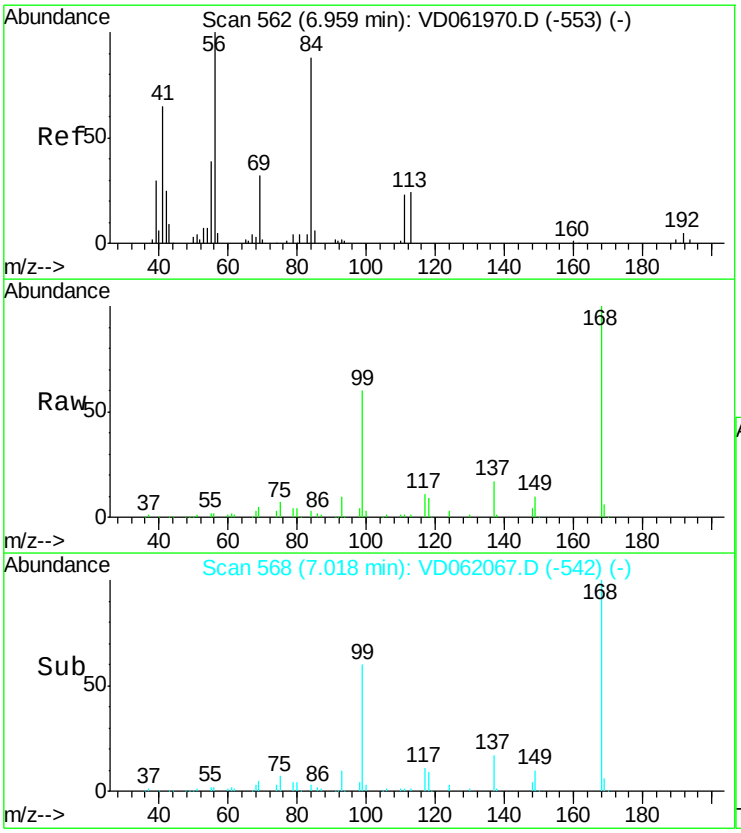
#25
2-Butanone
Concen: 7.175 ug/l
RT: 6.03 min Scan# 468
Delta R.T. -0.04 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 9193

Ion	Ratio	Lower	Upper
43	100		
72	16.1	16.2	24.4#

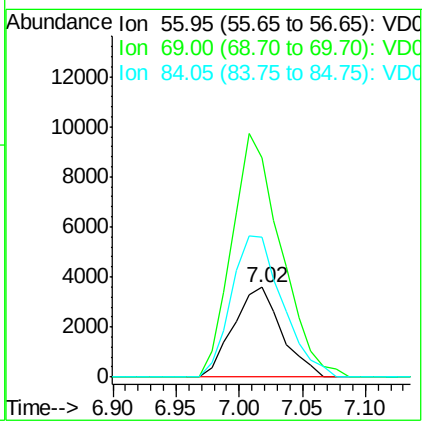


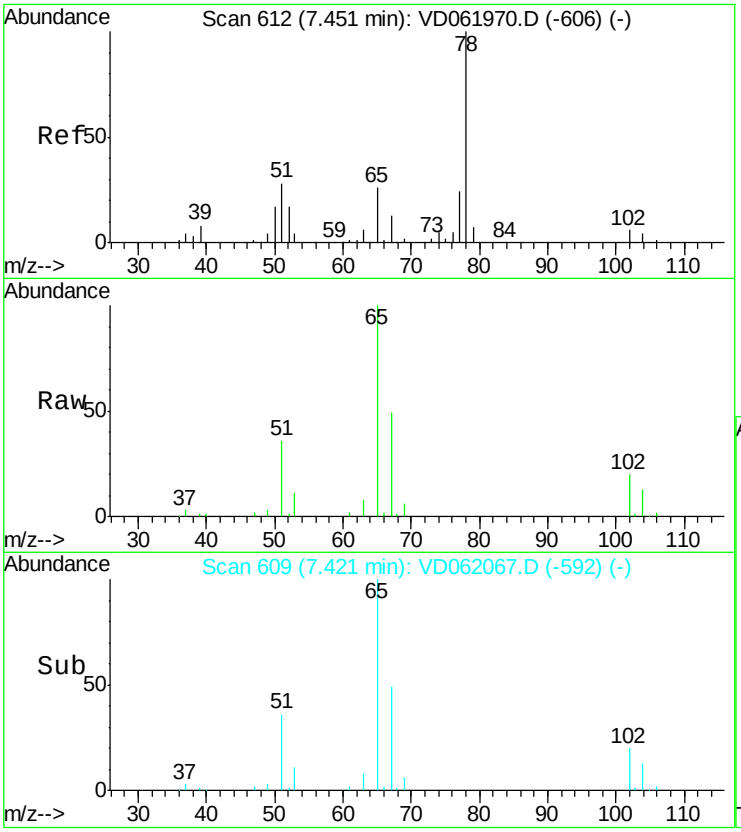


#31
Cyclohexane
Concen: 1.438 ug/l
RT: 7.02 min Scan# 568
Delta R.T. 0.05 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Tgt Ion: 56 Resp: 9479

Ion	Ratio	Lower	Upper
56	100		
69	244.7	25.8	38.6#
84	156.4	72.2	108.4#



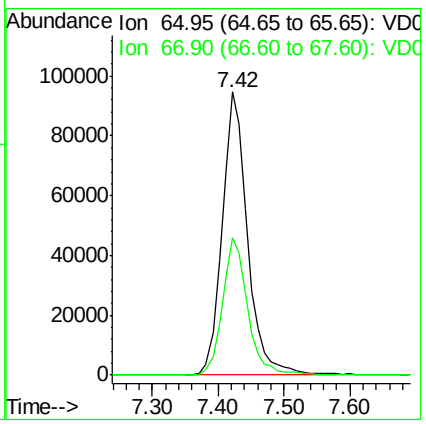


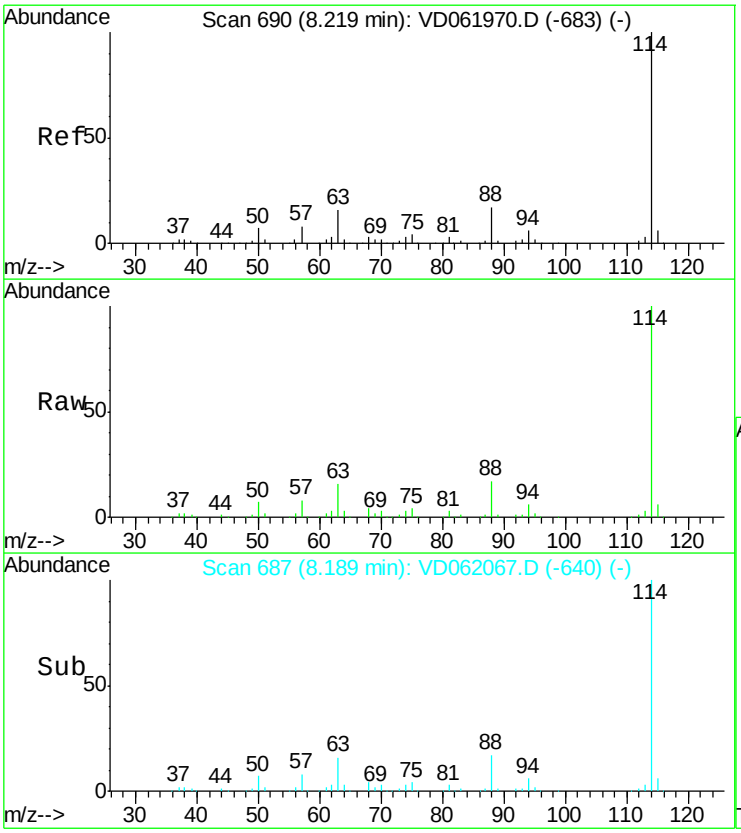
#33
1,2-Dichloroethane-d4
Concen: 57.320 ug/l
RT: 7.42 min Scan# 609
Delta R.T. -0.03 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 253709

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	98.0

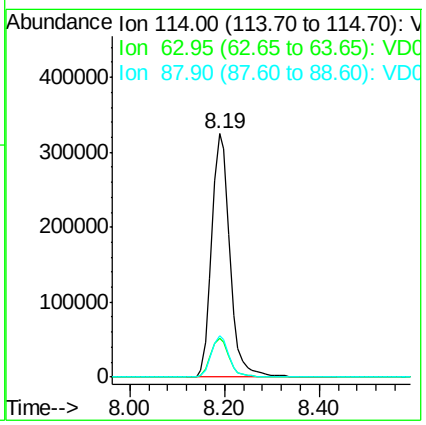


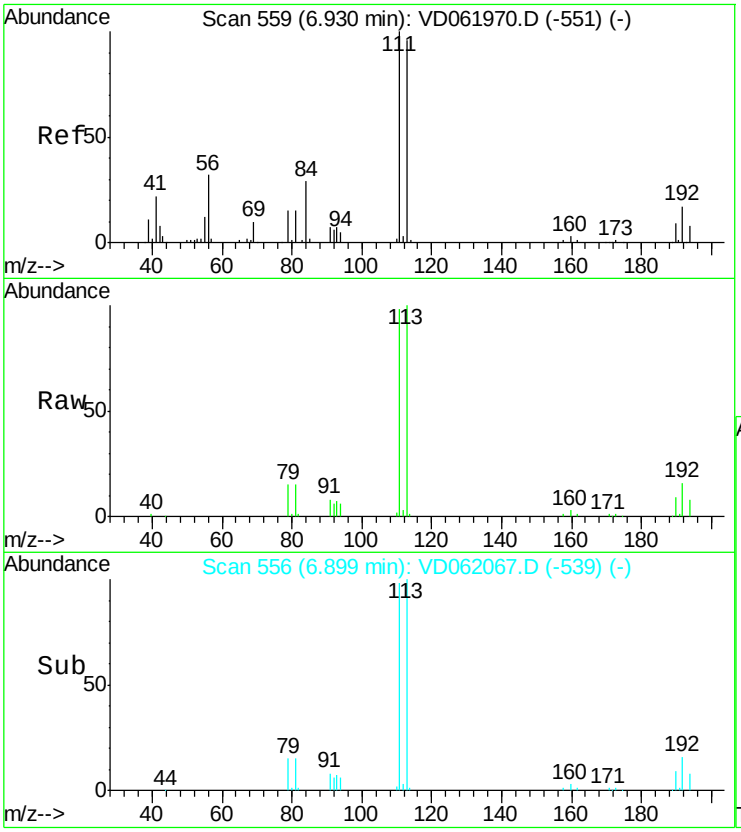


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.19 min Scan# 687
Delta R.T. -0.03 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Tgt Ion:114 Resp: 865662

Ion	Ratio	Lower	Upper
114	100		
63	15.9	0.0	32.4
88	16.8	0.0	33.6



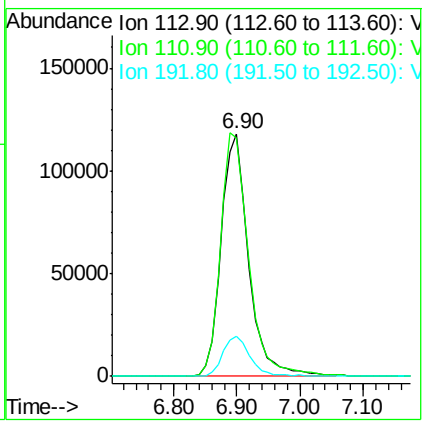


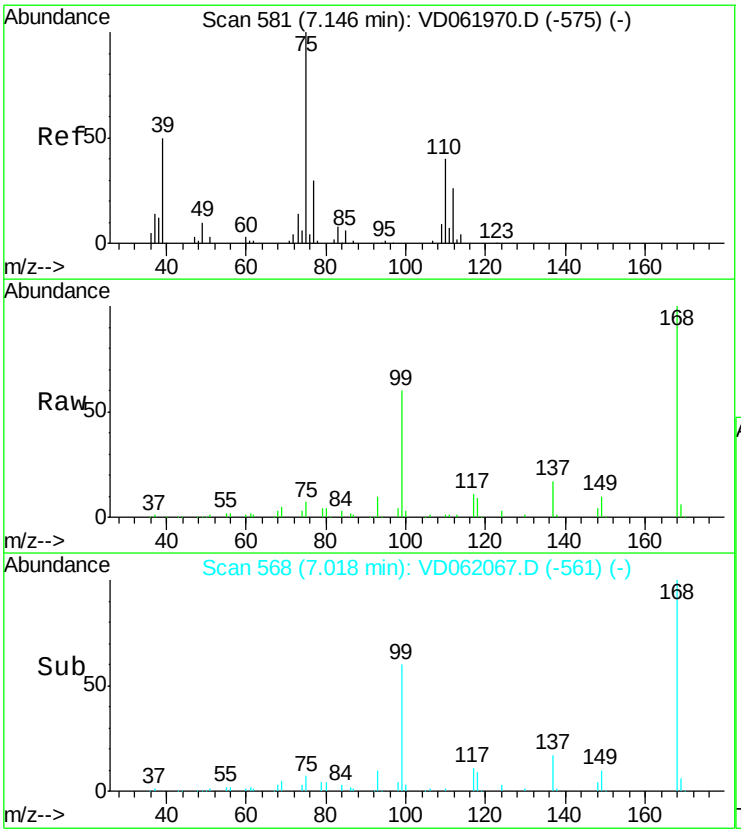
#35
Dibromofluoromethane
Concen: 59.584 ug/l
RT: 6.90 min Scan# 556
Delta R.T. -0.03 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 356723

Ion	Ratio	Lower	Upper
113	100		
111	98.2	78.5	117.7
192	16.4	13.0	19.4

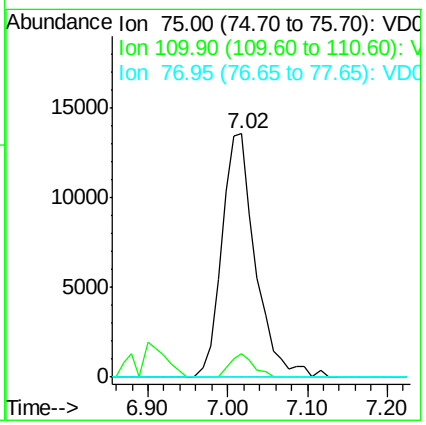


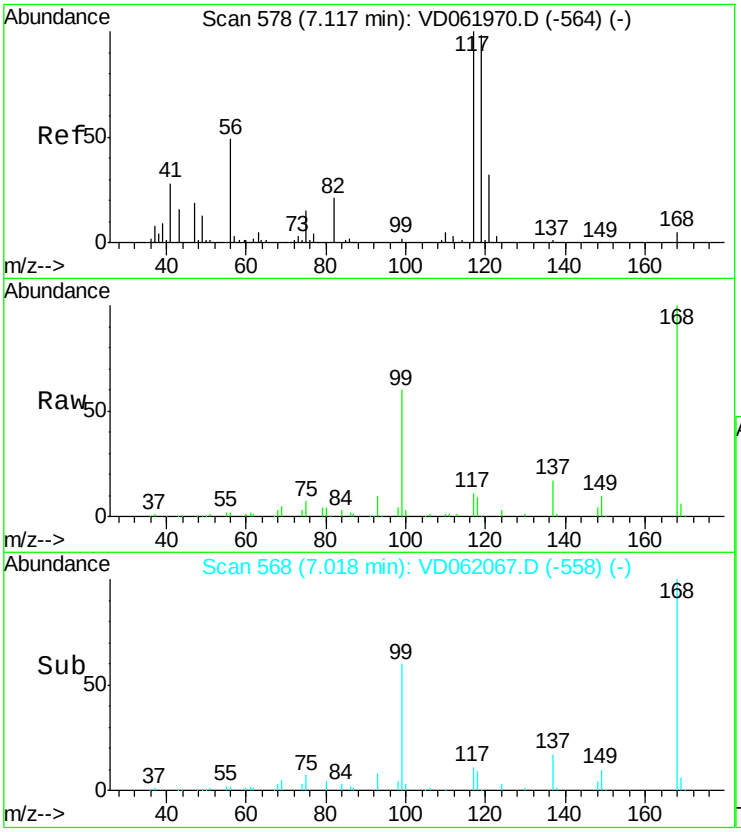


#36
1,1-Dichloropropene
Concen: 5.918 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.13 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Tgt Ion: 75 Resp: 39917

Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.1	57.1#
77	0.0	25.6	38.4#



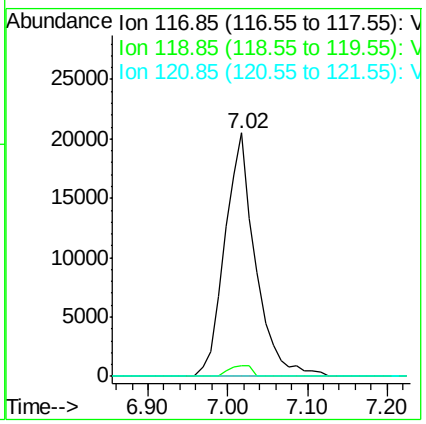


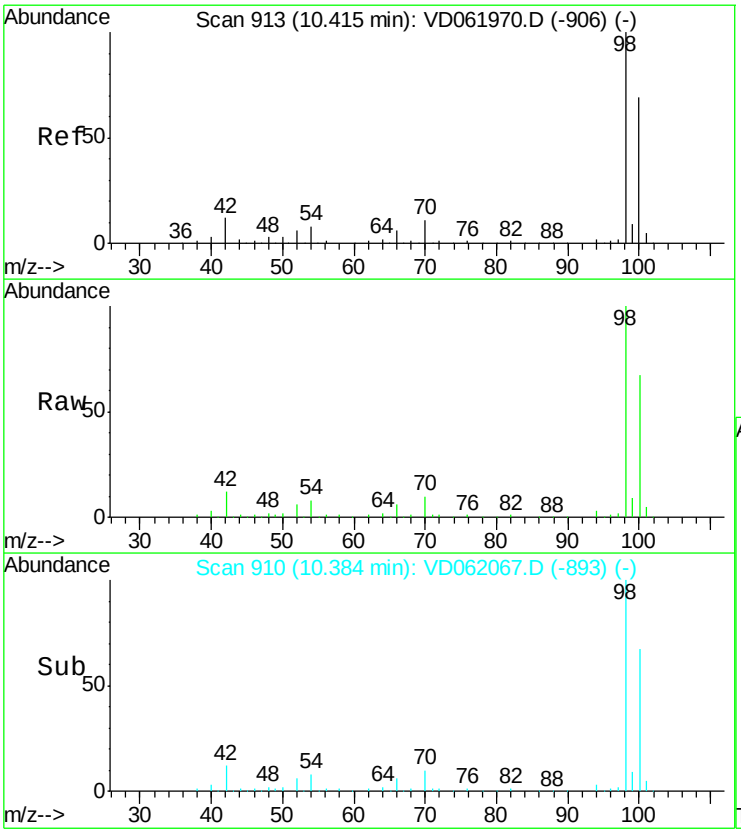
#38
Carbon Tetrachloride
Concen: 6.437 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.10 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 55012

Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.8	113.8#
121	0.0	25.9	38.9#

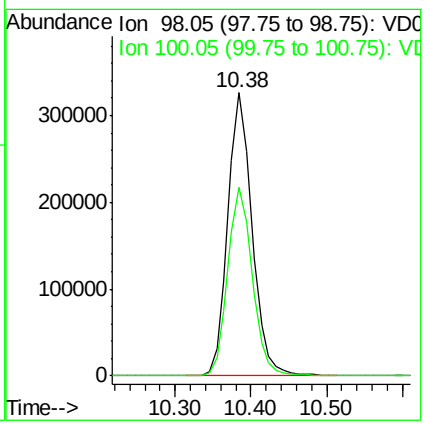


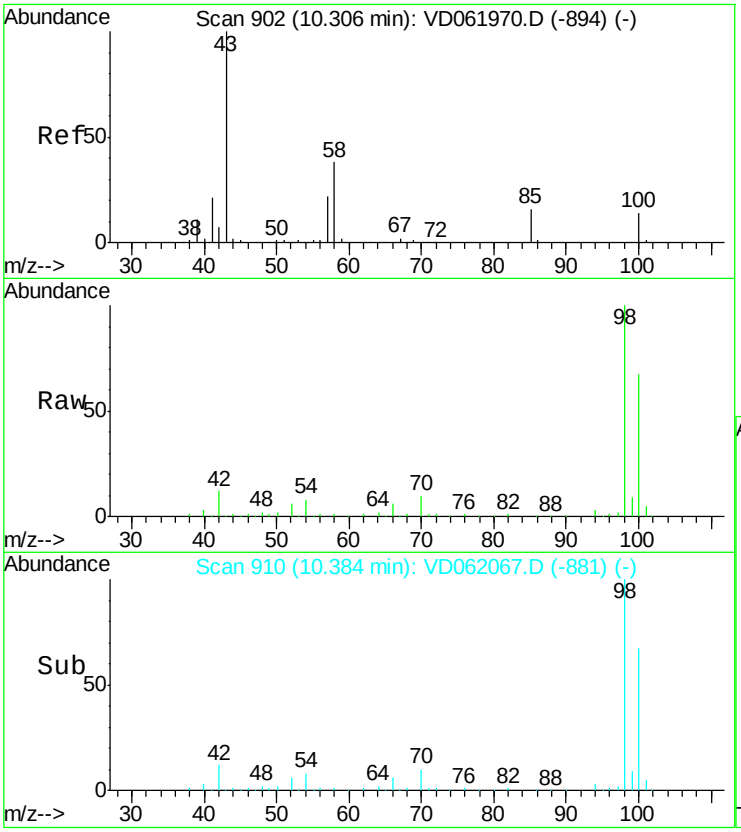


#50
Toluene-d8
Concen: 50.714 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Tgt Ion: 98 Resp: 722460

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.8	80.8



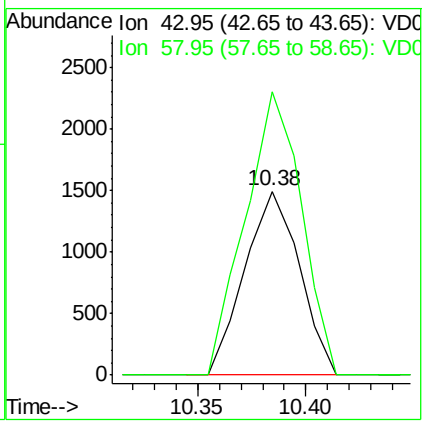


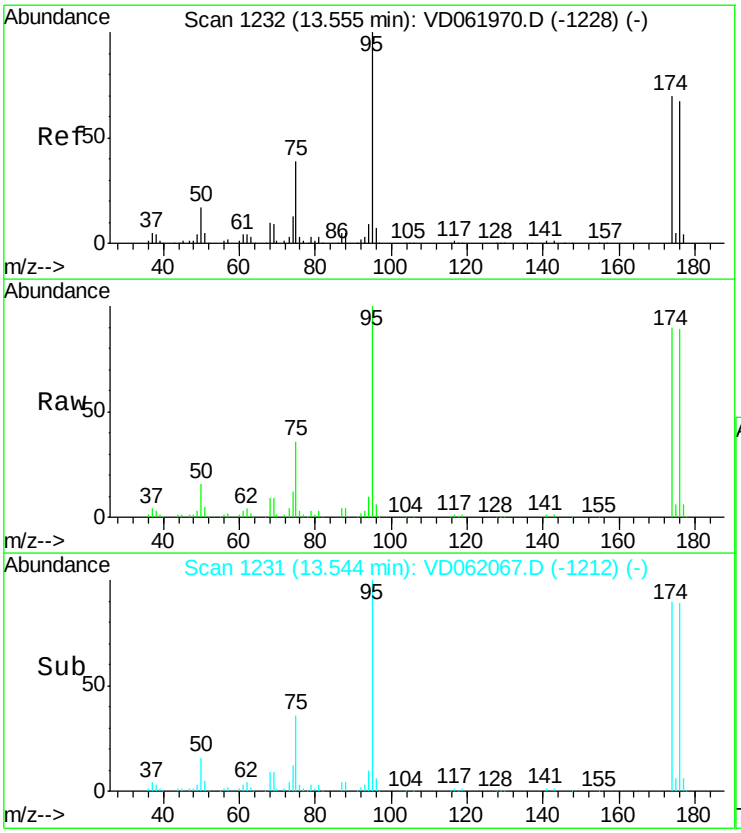
#51
4-Methyl-2-Pentanone
Concen: 1.023 ug/l
RT: 10.38 min Scan# 910
Delta R.T. 0.08 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 2628

Ion	Ratio	Lower	Upper
43	100		
58	154.2	30.4	45.6#

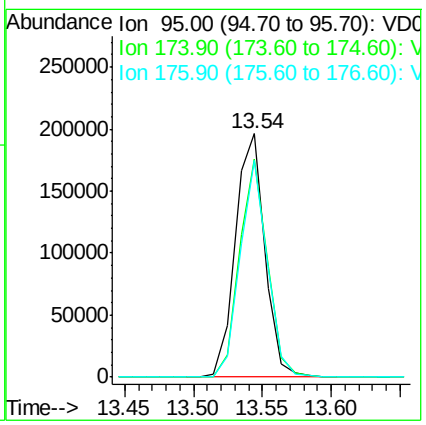


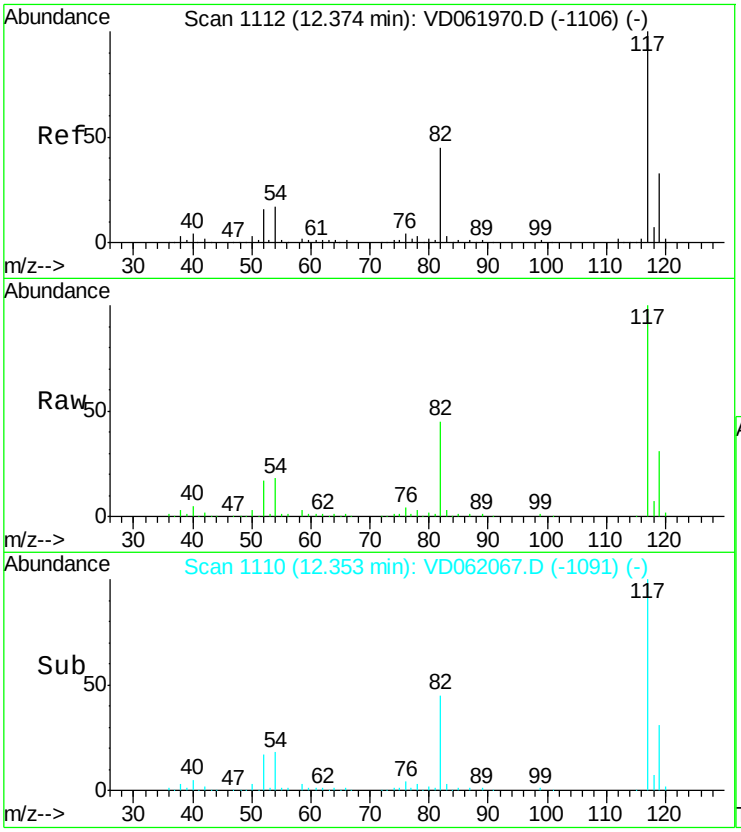


#62
4-Bromofluorobenzene
Concen: 50.965 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Tgt Ion: 95 Resp: 291210

Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	181.8
176	89.2	0.0	174.4



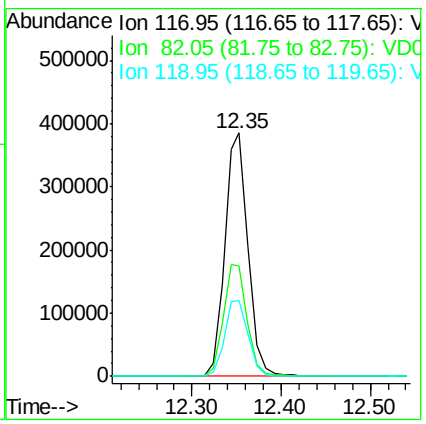


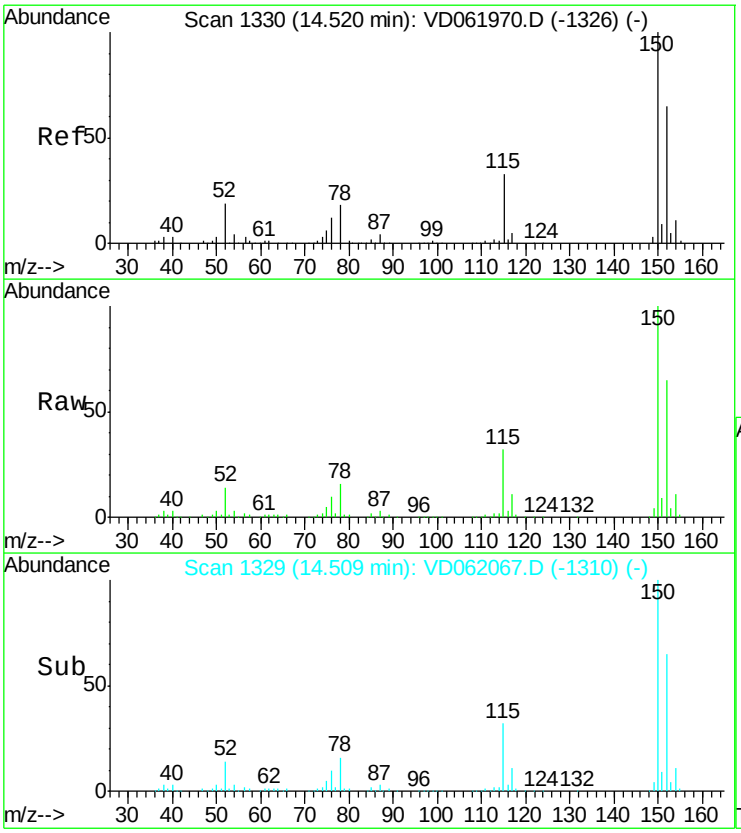
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 704850

Ion	Ratio	Lower	Upper
117	100		
82	45.2	36.2	54.2
119	31.4	26.2	39.4

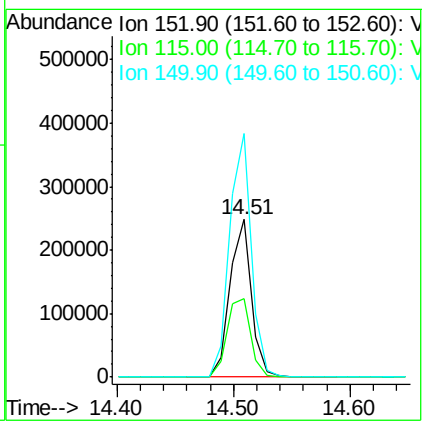


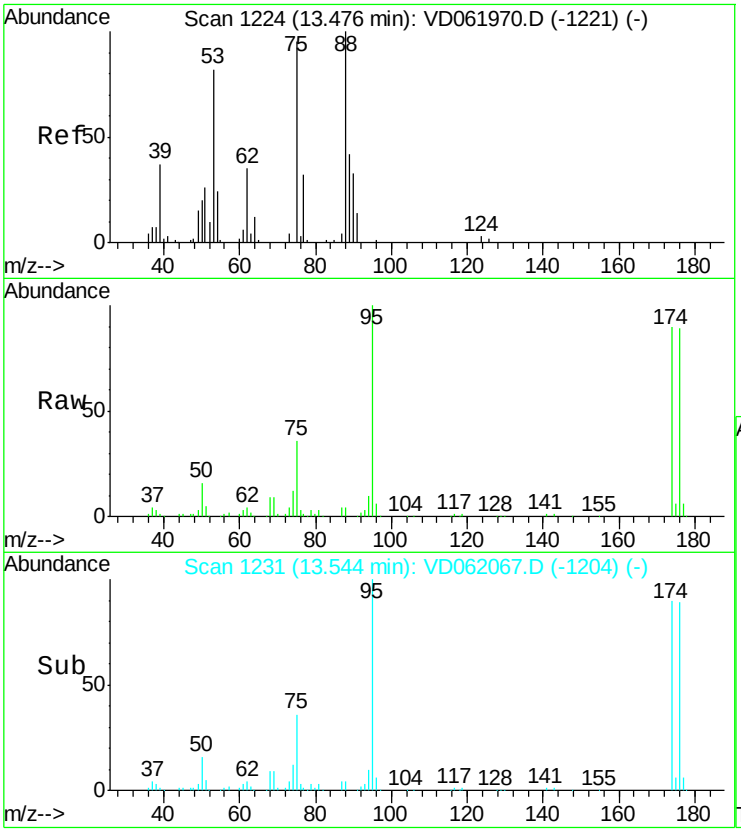


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Tgt Ion:152 Resp: 314387

Ion	Ratio	Lower	Upper
152	100		
115	49.9	30.9	92.7
150	154.8	0.0	314.8





#81
trans-1,4-Dichloro-2-butene
Concen: 91.681 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.06 min
Lab File: VD062067.D
Acq: 29 Apr 2019 17:19

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 110916

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