Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032019\
Data File : VD061205.D
Acq On : 20 Mar 2019 13:54
Operator : VA/AP
Sample : K1987-02RE
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Mar 22 01:59:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.05	168	321964	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.21	114	583255	50.00	ug/l		0.00
63) Chlorobenzene-d5	12.36	117	375074	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	96265	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.45	65	185858	69.35	ug/l		0.00
Spiked Amount 50.000			Recovery =	138.70%			
35) Dibromofluoromethane	6.92	113	287898	66.51	ug/l		0.00
Spiked Amount 50.000			Recovery =	133.02%			
50) Toluene-d8	10.40	98	583130	53.65	ug/l		0.00
Spiked Amount 50.000			Recovery =	107.30%			
62) 4-Bromofluorobenzene	13.55	95	144430	34.24	ug/l		0.00
Spiked Amount 50.000			Recovery =	68.48%			
Target Compounds							Qvalue
10) Methyl Iodide	3.32	142	582	3.035	ug/l	#	39
16) Acetone	3.22	43	47125	61.492	ug/l		97
20) Methylene Chloride	3.83	84	32995	5.270	ug/l		91
25) 2-Butanone	6.06	43	10135	11.655	ug/l		98
31) Cyclohexane	7.05	56	5125	1.081	ug/l	#	1
36) 1,1-Dichloropropene	7.04	75	22407	4.457	ug/l	#	46
37) Ethyl Acetate	6.06	43	10135	4.296	ug/l	#	66
38) Carbon Tetrachloride	7.05	117	29801	5.381	ug/l	#	14
43) Isopropyl Acetate	9.55	43	4013	1.228	ug/l	#	43
81) trans-1,4-Dichloro-2-buten	13.55	75	52606	128.838	ug/l	#	17

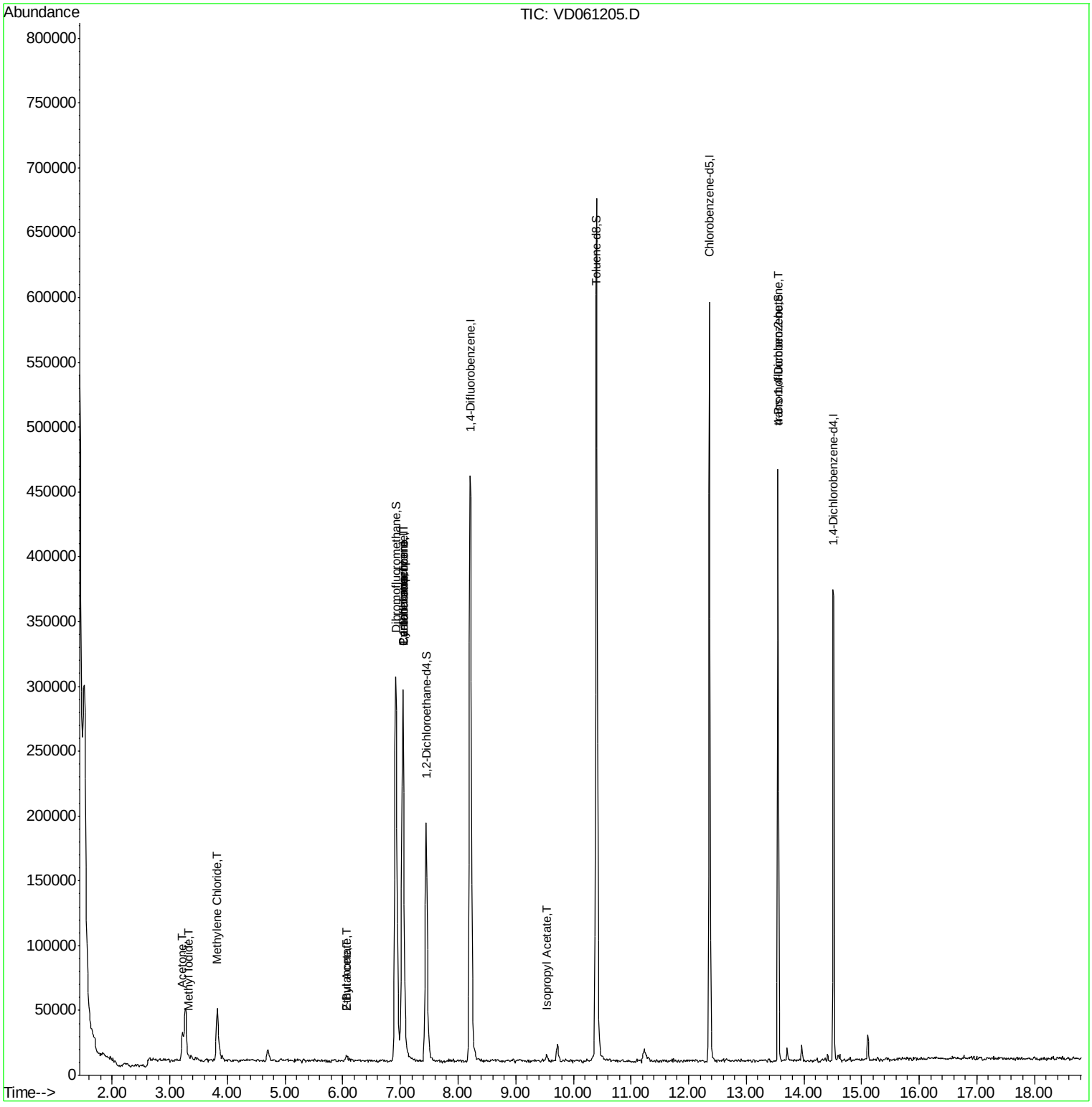
(#) = qualifier out of range (m) = manual integration (+) = signals summed

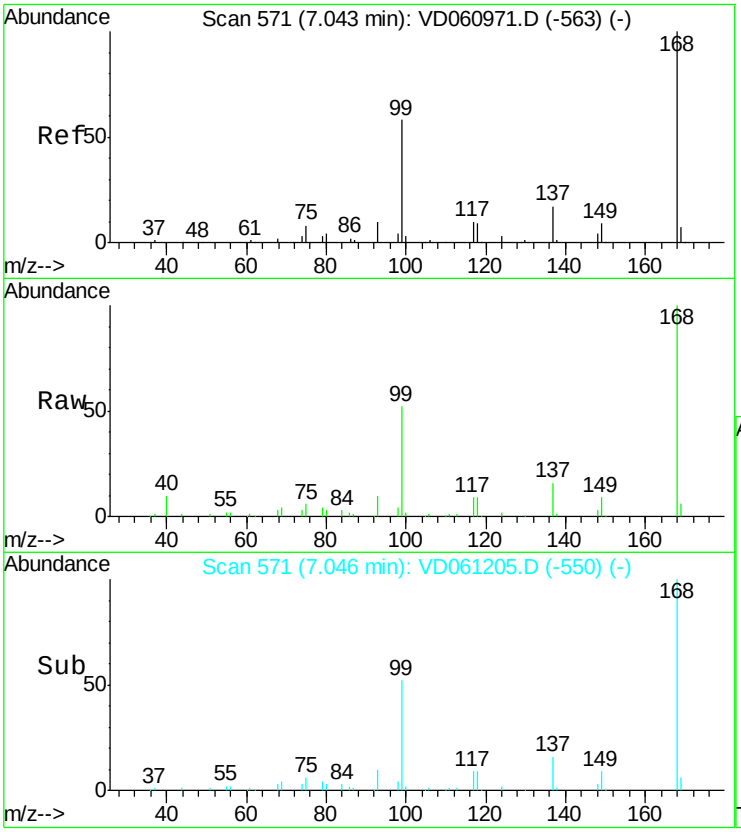
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
Data File : VD061205.D
Acq On : 20 Mar 2019 13:54
Operator : VA/AP
Sample : K1987-02RE
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 22 01:59:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration



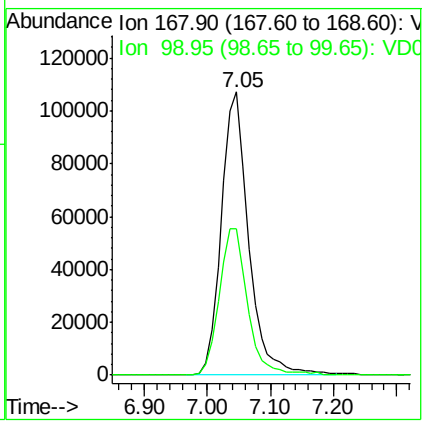


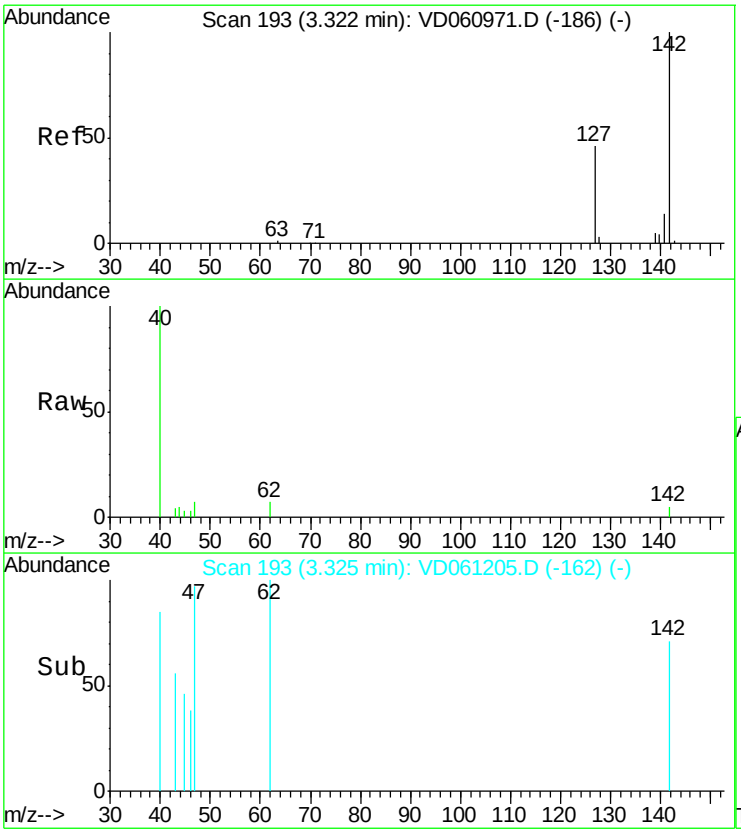
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.00 min
Lab File: VD061205.D
Acq: 20 Mar 2019 13:54

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 321964

Ion	Ratio	Lower	Upper
168	100		
99	51.8	47.3	70.9

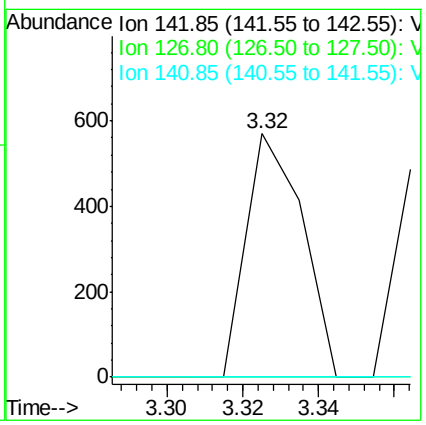


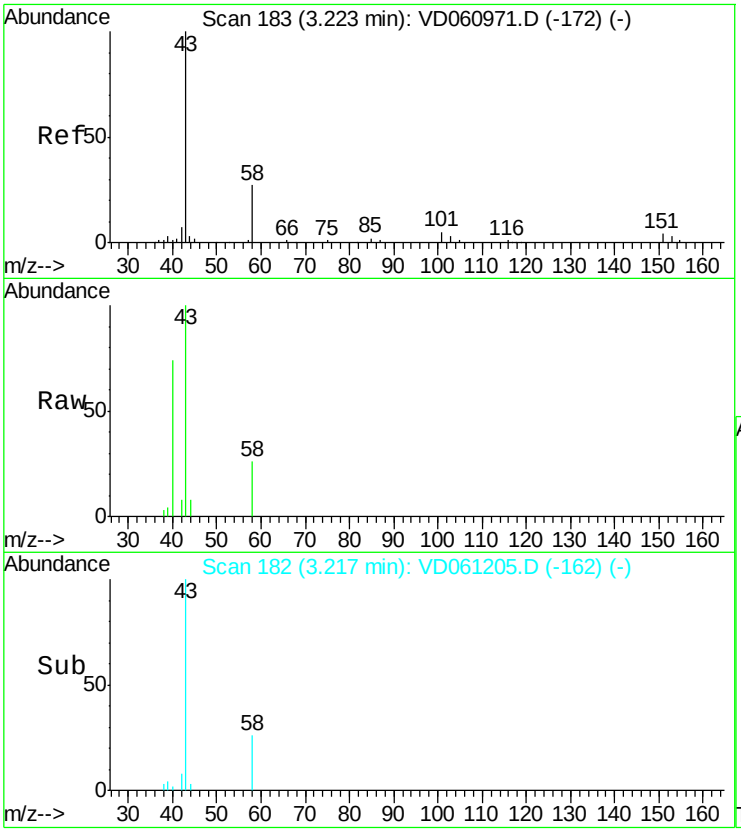


#10
Methyl Iodide
Concen: 3.035 ug/l
RT: 3.32 min Scan# 193
Delta R.T. 0.00 min
Lab File: VD061205.D
Acq: 20 Mar 2019 13:54

Tgt Ion:142 Resp: 582

Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.8	55.2#
141	0.0	11.2	16.8#



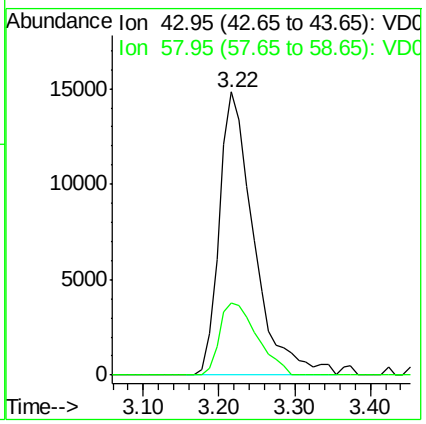


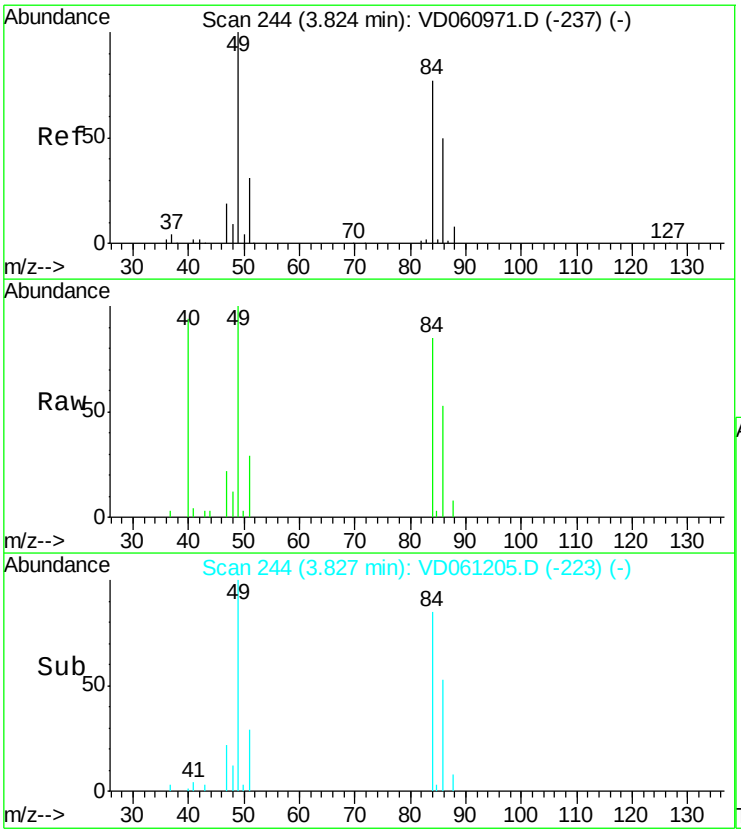
#16
Acetone
Concen: 61.492 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD061205.D
Acq: 20 Mar 2019 13:54

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 47125

Ion	Ratio	Lower	Upper
43	100		
58	25.5	21.6	32.4

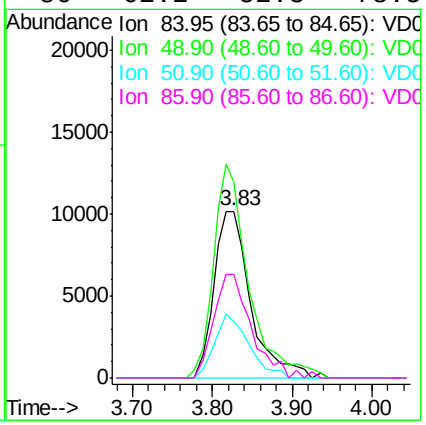


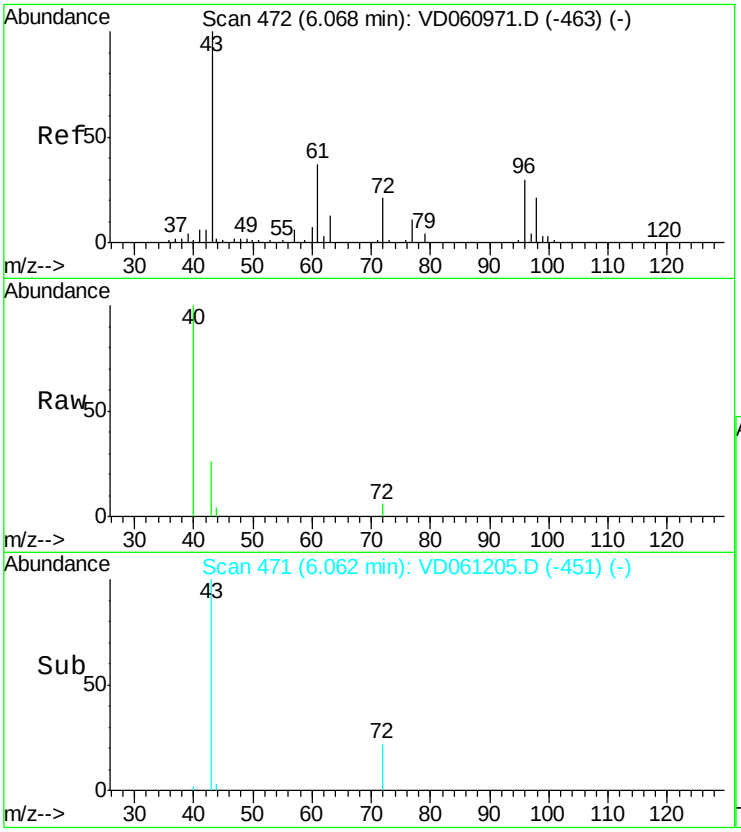


#20
Methylene Chloride
Concen: 5.270 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD061205.D
Acq: 20 Mar 2019 13:54

Tgt Ion: 84 Resp: 32995

Ion	Ratio	Lower	Upper
84	100		
49	117.5	104.2	156.2
51	33.7	32.3	48.5
86	62.2	52.3	78.5



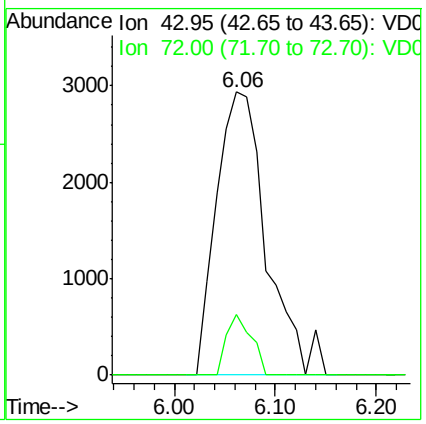


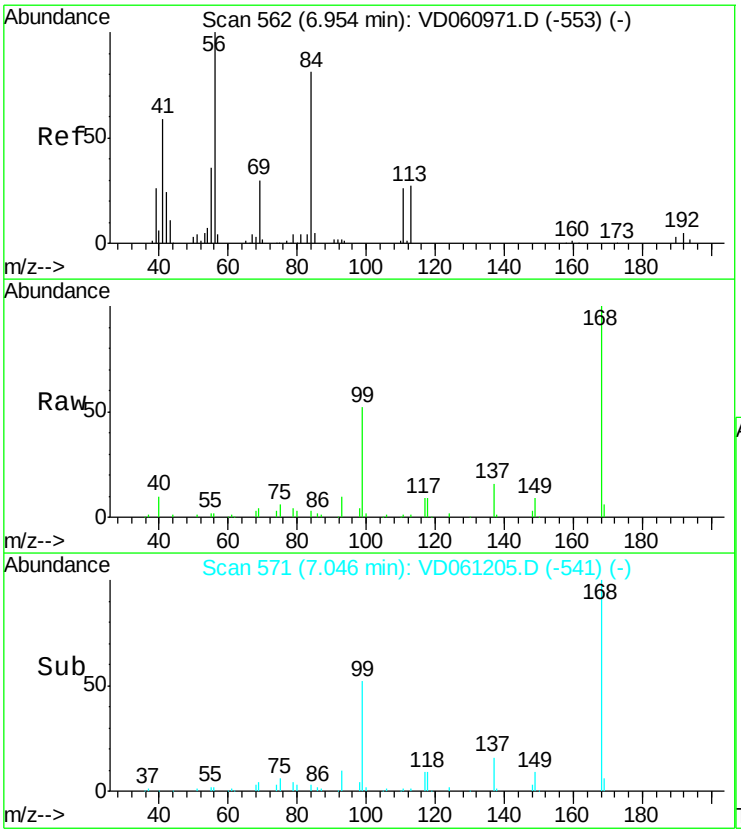
#25
2-Butanone
Concen: 11.655 ug/l
RT: 6.06 min Scan# 471
Delta R.T. -0.01 min
Lab File: VD061205.D
Acq: 20 Mar 2019 13:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 10135

Ion	Ratio	Lower	Upper
43	100		
72	21.6	16.7	25.1

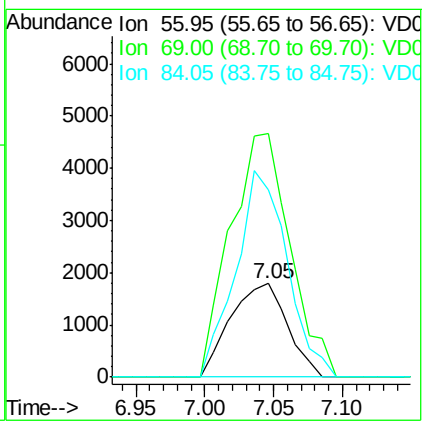


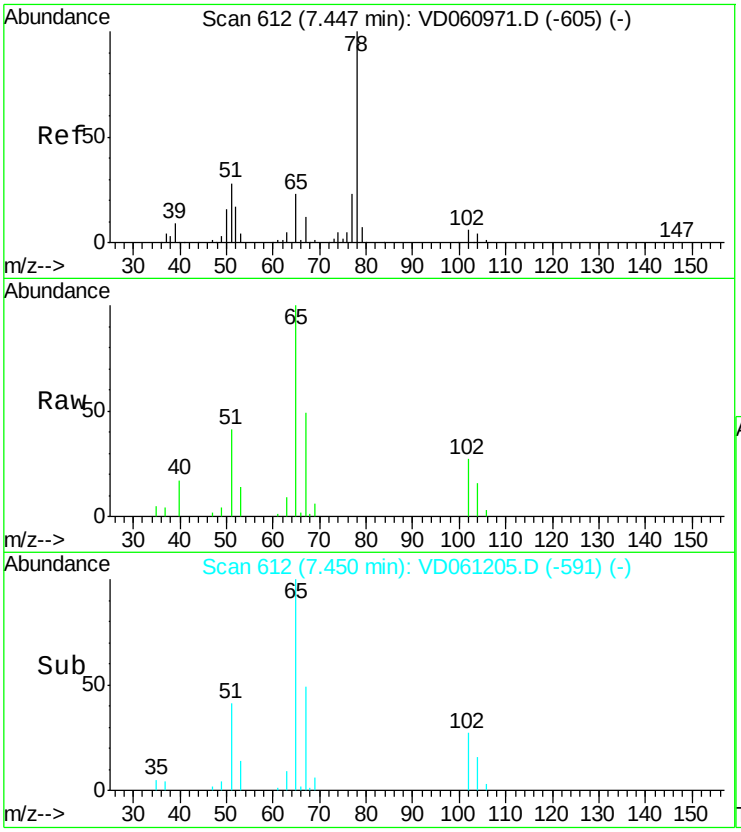


#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD061205.D
Acq: 20 Mar 2019 13:54

Tgt Ion: 56 Resp: 5125

Ion	Ratio	Lower	Upper
56	100		
69	260.7	24.0	36.0#
84	200.8	65.8	98.6#



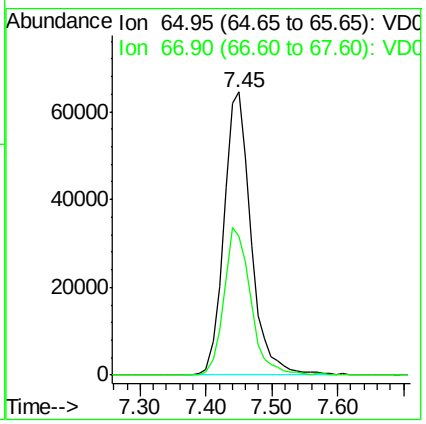


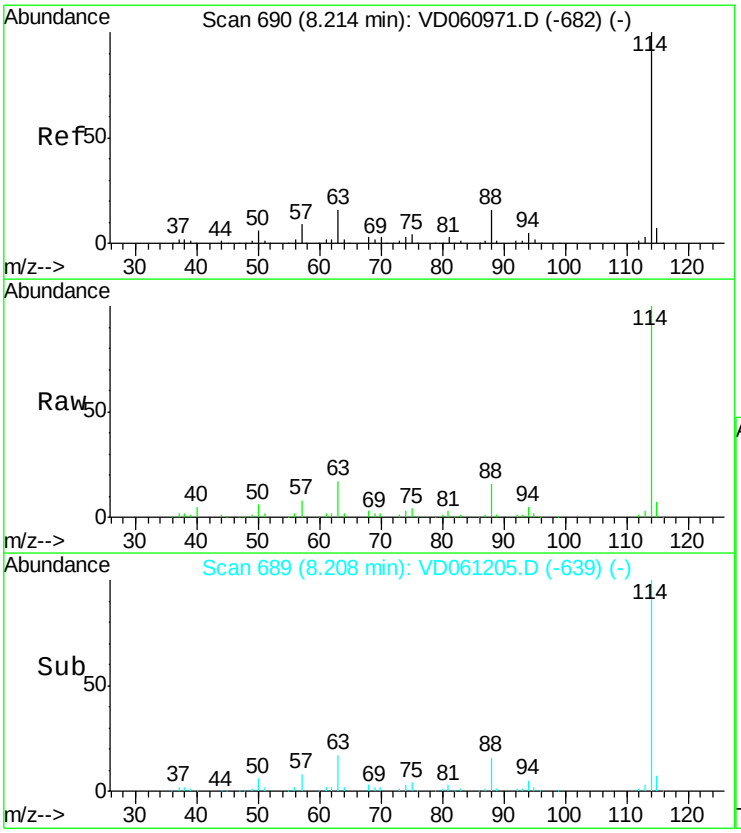
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.00 min
Lab File: VD061205.D
Acq: 20 Mar 2019 13:54

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 185858

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	105.2

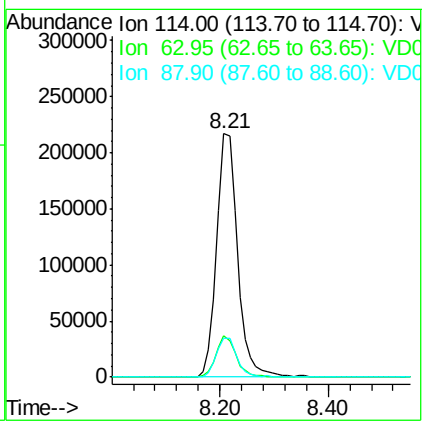


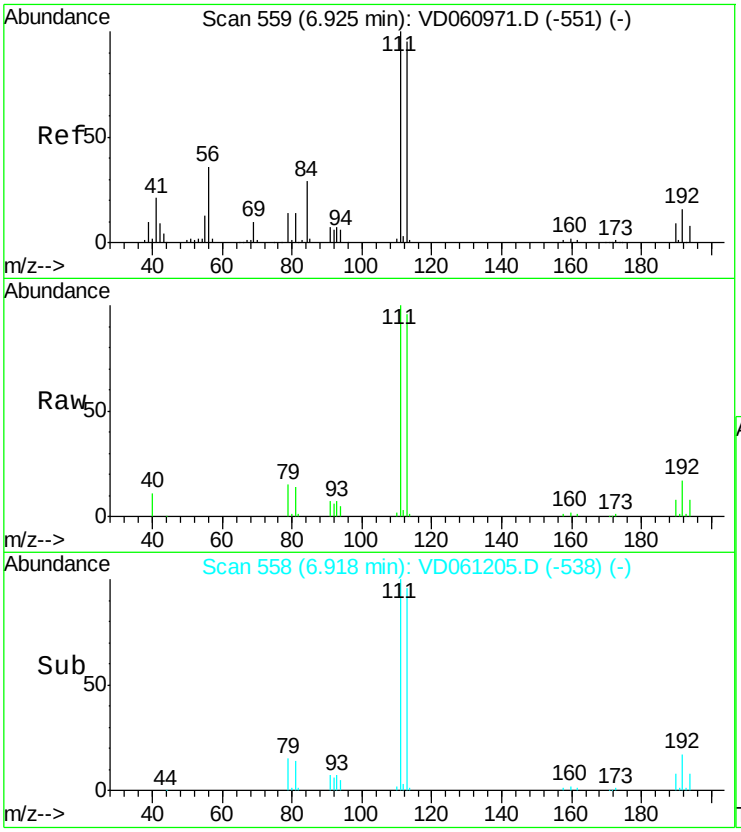


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 689
Delta R.T. -0.01 min
Lab File: VD061205.D
Acq: 20 Mar 2019 13:54

Tgt Ion:114 Resp: 583255

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	31.4
88	16.0	0.0	33.0



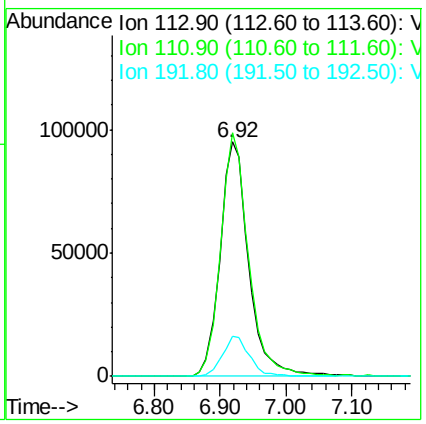


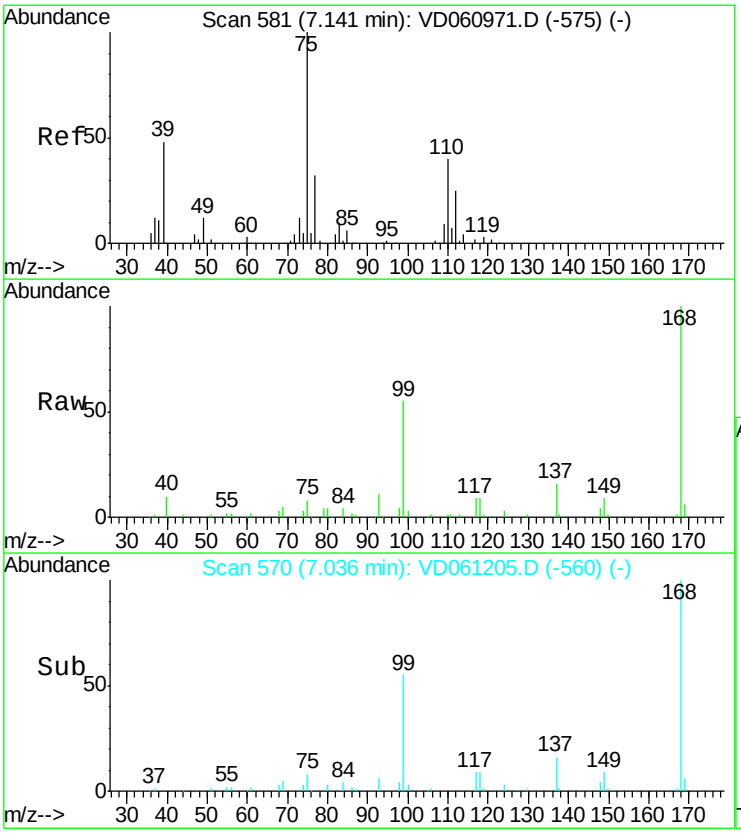
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD061205.D
Acq: 20 Mar 2019 13:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 287898

Ion	Ratio	Lower	Upper
113	100		
111	103.9	84.2	126.4
192	17.3	13.1	19.7

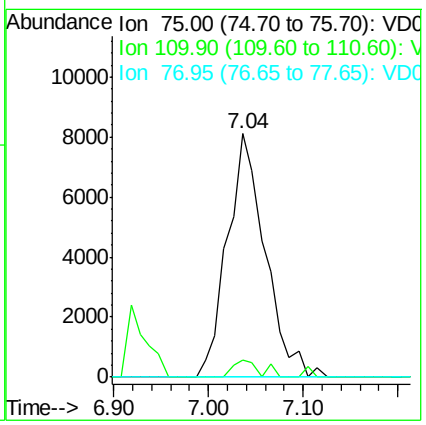


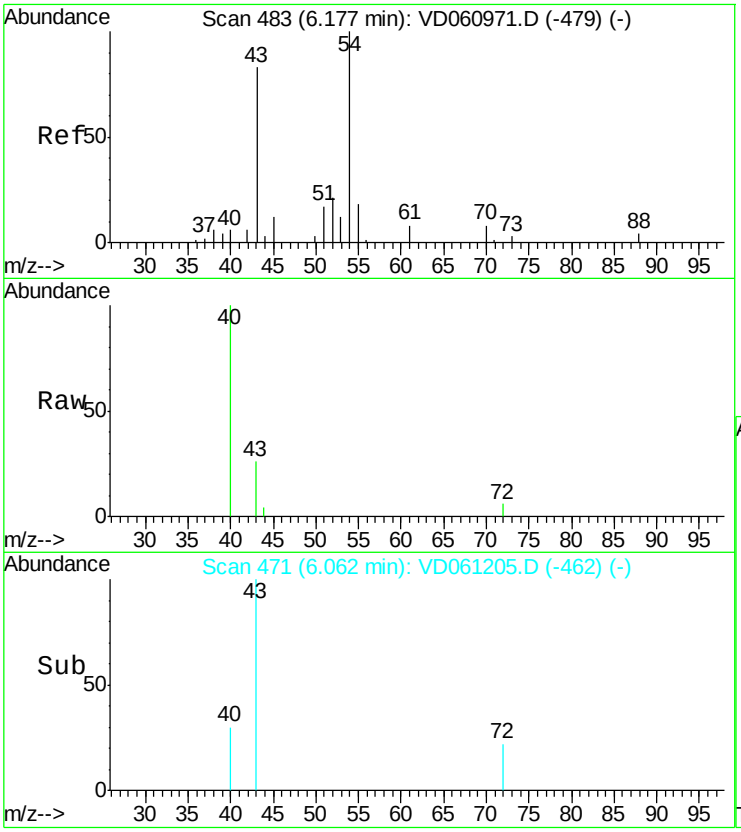


#36
1,1-Dichloropropene
Concen: 4.457 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.11 min
Lab File: VD061205.D
Acq: 20 Mar 2019 13:54

Tgt Ion: 75 Resp: 22407

Ion	Ratio	Lower	Upper
75	100		
110	7.0	19.7	59.1#
77	0.0	24.7	37.1#



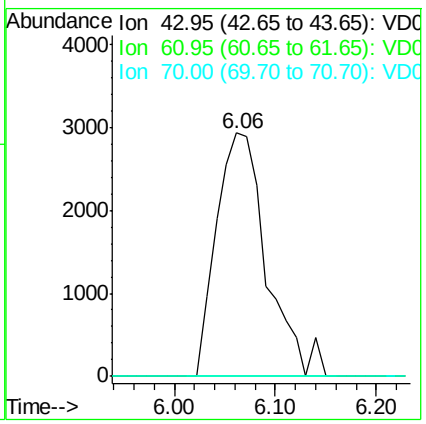


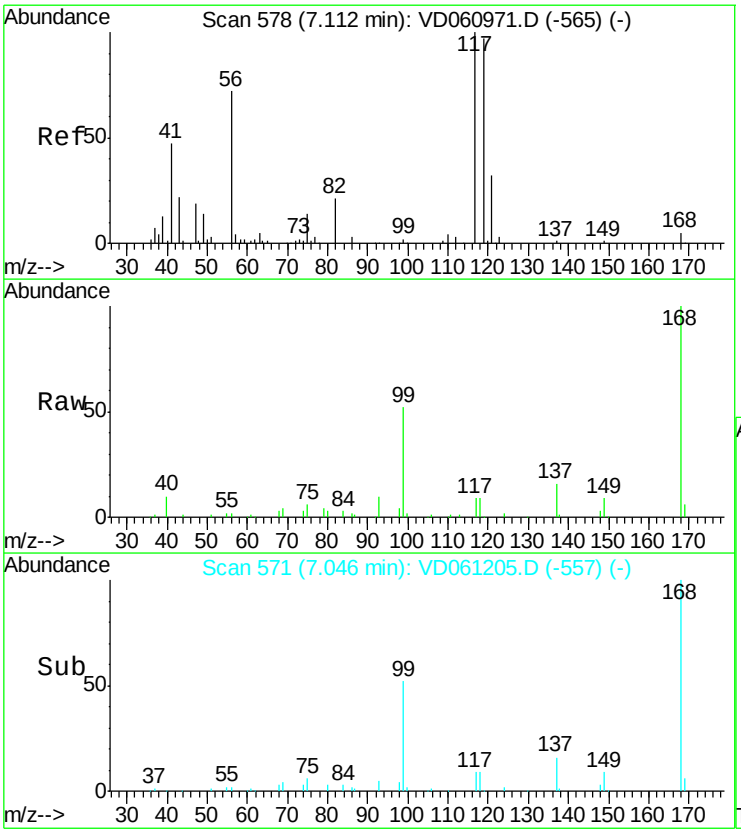
#37
Ethyl Acetate
Concen: 4.296 ug/l
RT: 6.06 min Scan# 471
Delta R.T. -0.11 min
Lab File: VD061205.D
Acq: 20 Mar 2019 13:54

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 10135

Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.7	20.5#
70	0.0	7.1	10.7#

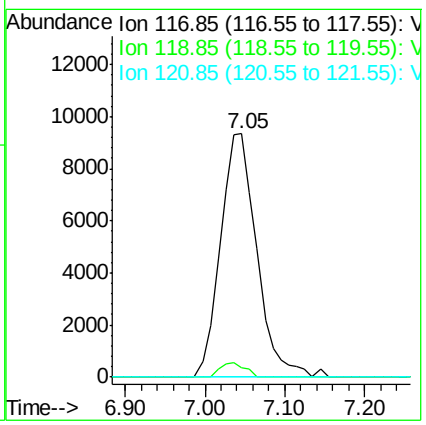


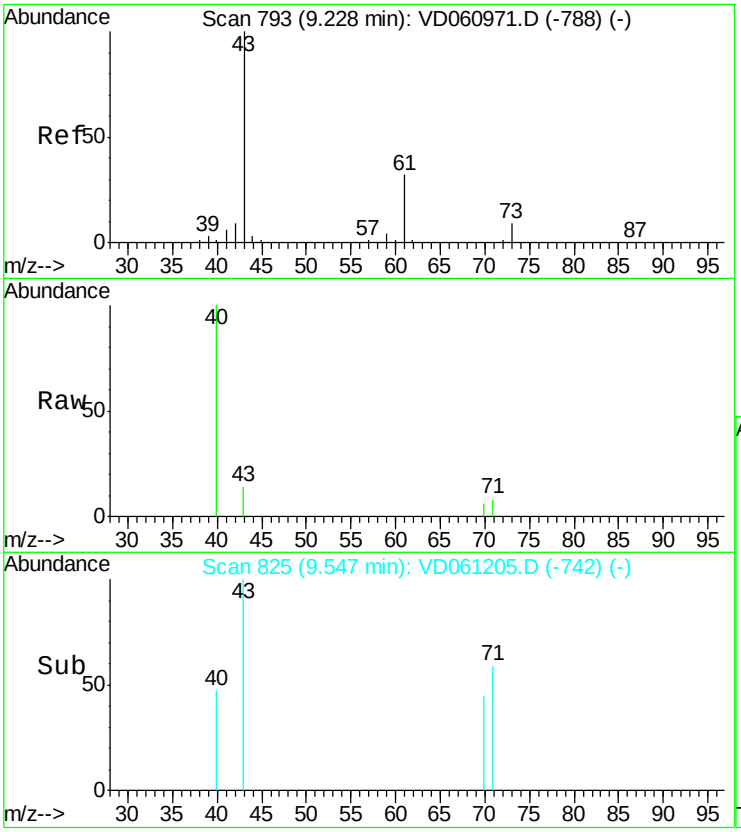


#38
Carbon Tetrachloride
Concen: 5.381 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.07 min
Lab File: VD061205.D
Acq: 20 Mar 2019 13:54

Tgt Ion:117 Resp: 29801

Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.8	116.8#
121	0.0	25.3	37.9#



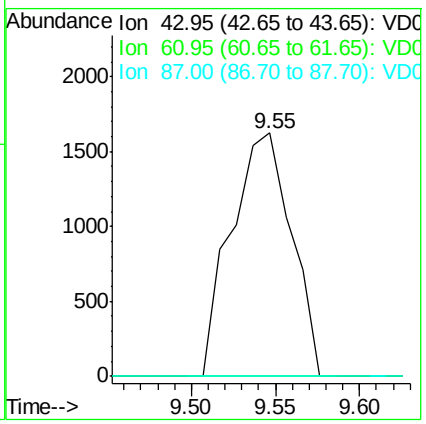


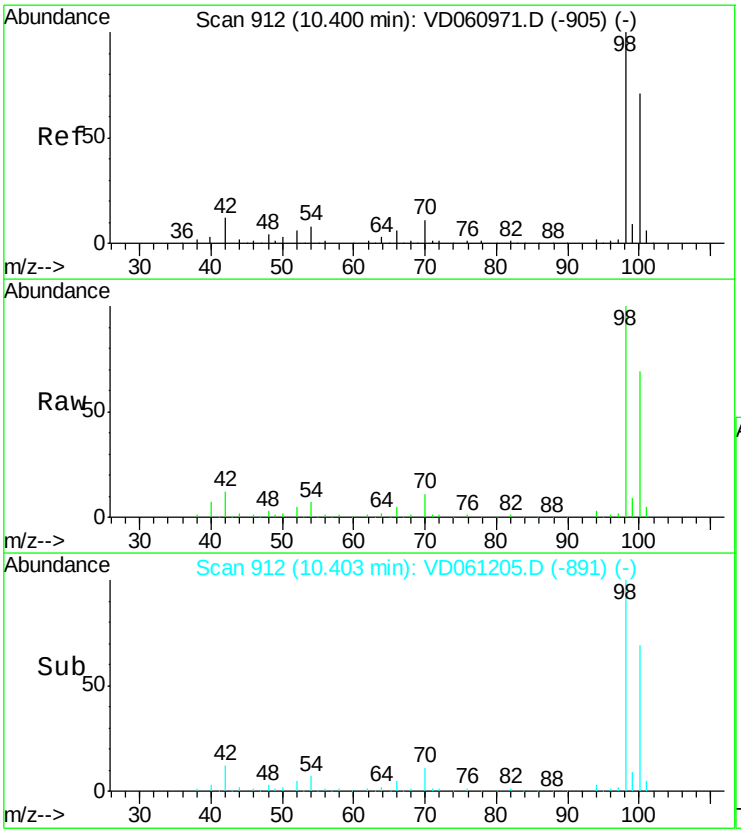
#43
Isopropyl Acetate
Concen: 1.228 ug/l
RT: 9.55 min Scan# 825
Delta R.T. 0.32 min
Lab File: VD061205.D
Acq: 20 Mar 2019 13:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 4013

Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.6	38.4#
87	0.0	0.2	0.4#

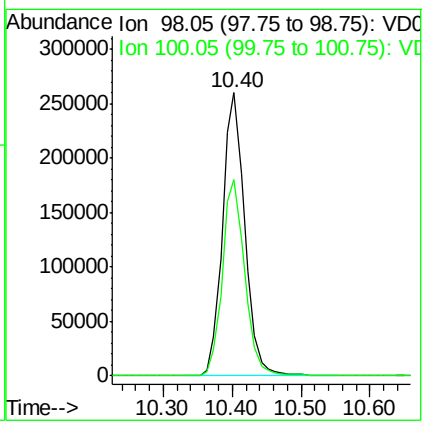


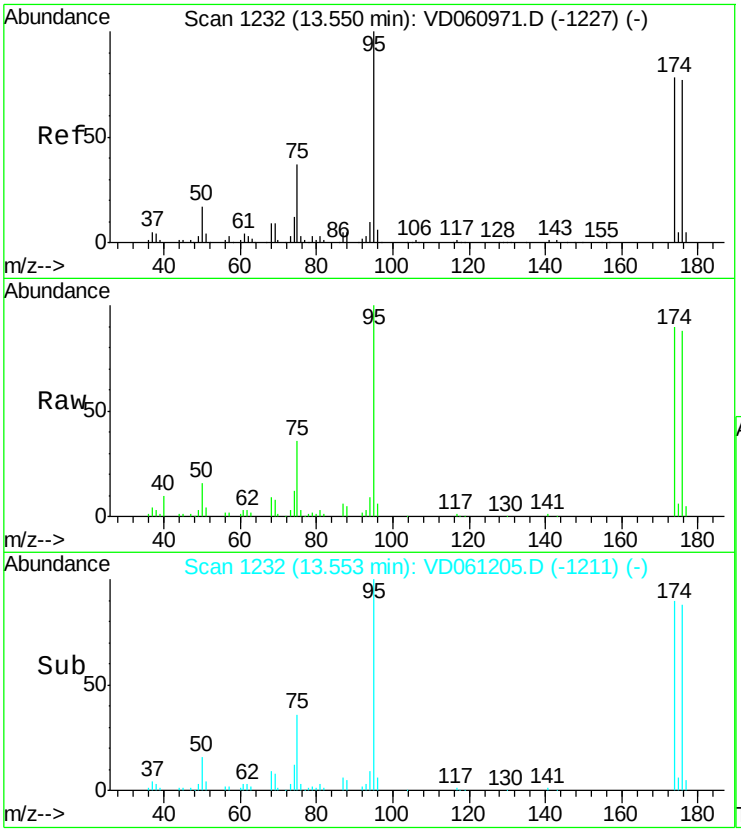


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD061205.D
Acq: 20 Mar 2019 13:54

Tgt Ion: 98 Resp: 583130

Ion	Ratio	Lower	Upper
98	100		
100	69.2	57.4	86.2



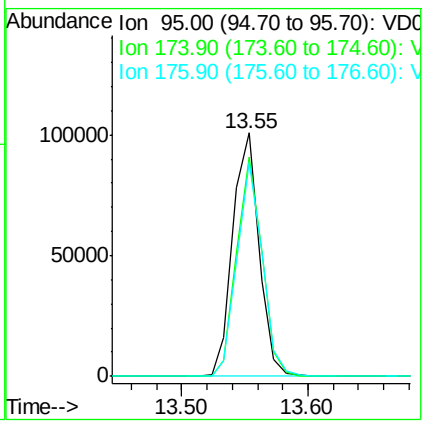


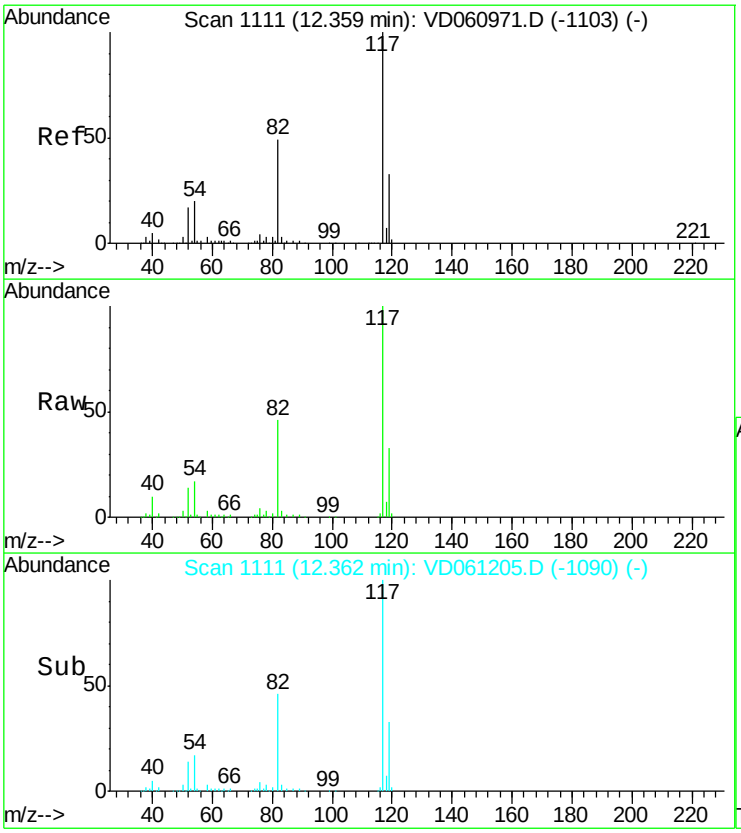
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061205.D
Acq: 20 Mar 2019 13:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 144430

Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	155.6
176	88.2	0.0	153.8

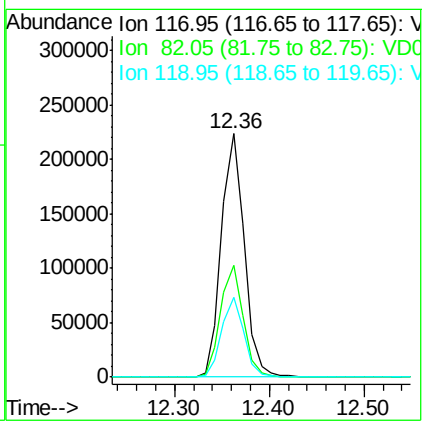


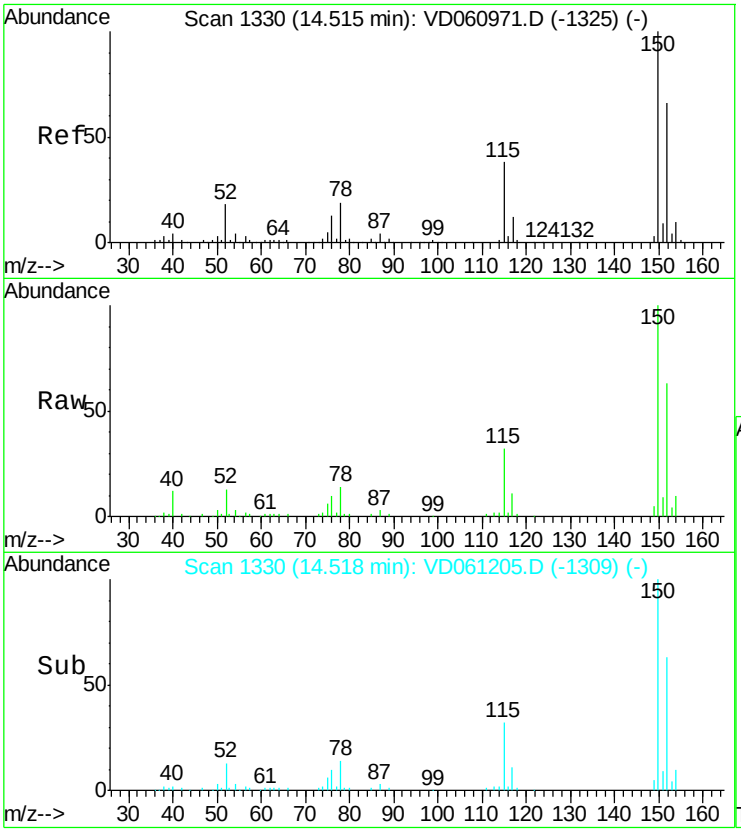


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061205.D
Acq: 20 Mar 2019 13:54

Tgt Ion:117 Resp: 375074

Ion	Ratio	Lower	Upper
117	100		
82	45.7	38.9	58.3
119	32.9	26.6	39.8



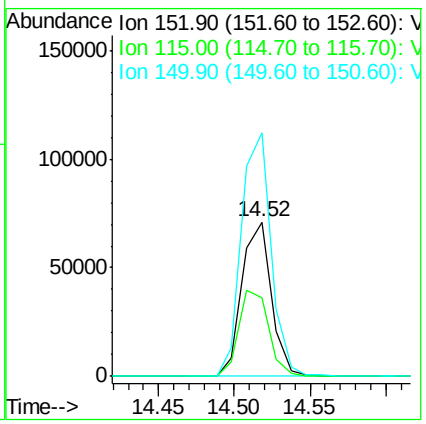


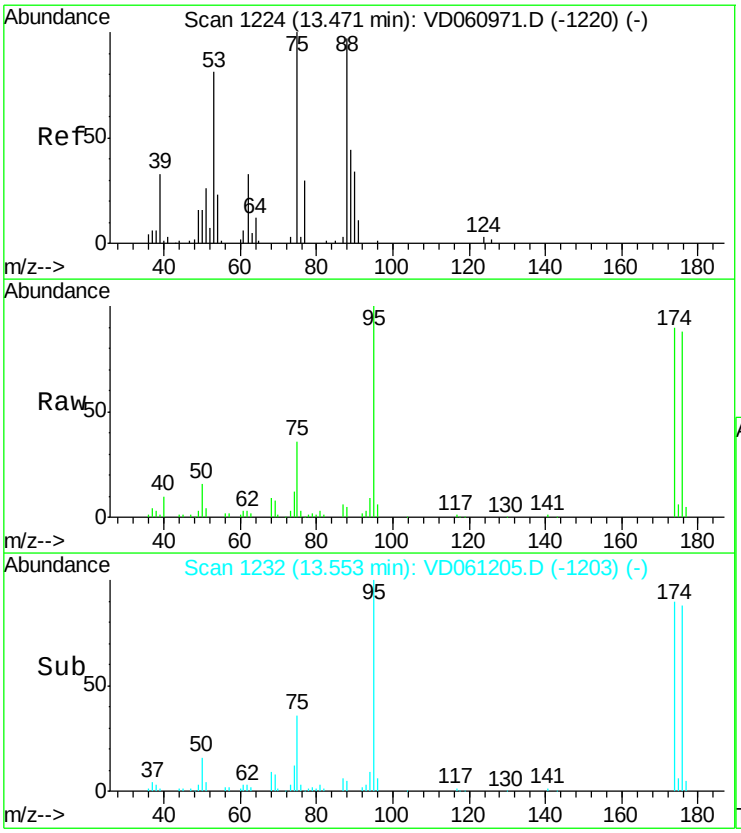
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061205.D
Acq: 20 Mar 2019 13:54

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 96265

Ion	Ratio	Lower	Upper
152	100		
115	50.7	28.6	85.9
150	157.8	0.0	310.6





#81
trans-1,4-Dichloro-2-butene
Concen: 128.838 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD061205.D
Acq: 20 Mar 2019 13:54

Tgt Ion: 75 Resp: 52606

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.4	96.6#
89	0.0	34.8	52.2#