Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD033119\
Data File : VD061454.D
Acq On : 31 Mar 2019 18:37
Operator : VA/AP
Sample : K1692-05RE
Misc : 6.71g/5ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Apr 01 01:55:16 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	7.07	168	521014	50.00	ug/l		0.05
34) 1,4-Difluorobenzene	8.24	114	923529	50.00	ug/l		0.05
63) Chlorobenzene-d5	12.38	117	685404	50.00	ug/l		0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	263498	50.00	ug/l		0.02
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.47	65	254198	57.11	ug/l		0.04
Spiked Amount 50.000			Recovery = 114.22%				
35) Dibromofluoromethane	6.95	113	372774	52.82	ug/l		0.05
Spiked Amount 50.000			Recovery = 105.64%				
50) Toluene-d8	10.42	98	724794	42.82	ug/l		0.04
Spiked Amount 50.000			Recovery = 85.64%				
62) 4-Bromofluorobenzene	13.56	95	282388	43.50	ug/l		0.02
Spiked Amount 50.000			Recovery = 87.00%				
Target Compounds							Qvalue
16) Acetone	3.24	43	25242	22.062	ug/l		91
18) Methyl Acetate	3.67	43	11685	4.857	ug/l	#	85
20) Methylene Chloride	3.84	84	38705	4.283	ug/l		95
31) Cyclohexane	7.07	56	8869	1.157	ug/l	#	1
36) 1,1-Dichloropropene	7.07	75	39678	4.923	ug/l	#	46
38) Carbon Tetrachloride	7.07	117	50412	5.443	ug/l	#	13
51) 4-Methyl-2-Pentanone	10.42	43	3308	1.084	ug/l	#	1
52) Toluene	10.53	92	22290	1.806	ug/l		92
68) m/p-Xylenes	12.68	106	8634	1.066	ug/l		86
76) 1,2,3-Trichloropropane	13.56	75	102159	26.840	ug/l	#	46
81) trans-1,4-Dichloro-2-buten	13.56	75	104164	89.755	ug/l	#	18
95) Naphthalene	16.13	128	27515	5.247	ug/l		97

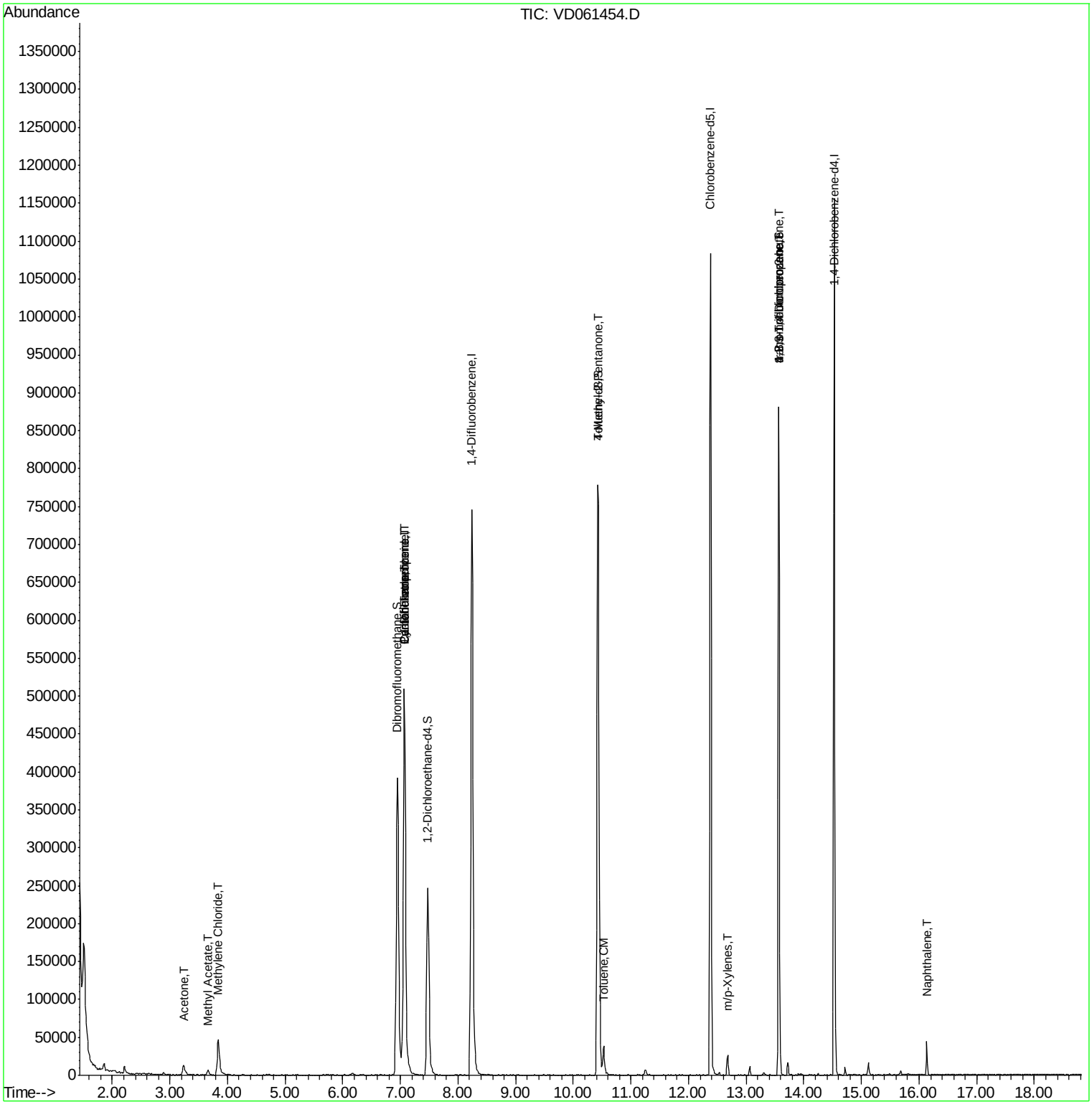
(#) = qualifier out of range (m) = manual integration (+) = signals summed

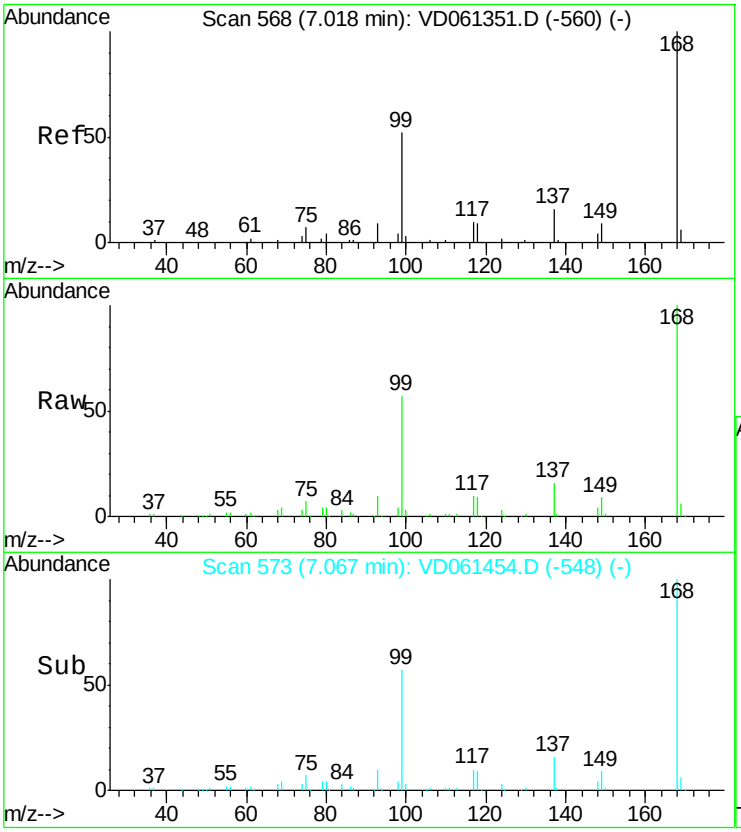
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD033119\
Data File : VD061454.D
Acq On : 31 Mar 2019 18:37
Operator : VA/AP
Sample : K1692-05RE
Misc : 6.71g/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 01 01:55:16 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



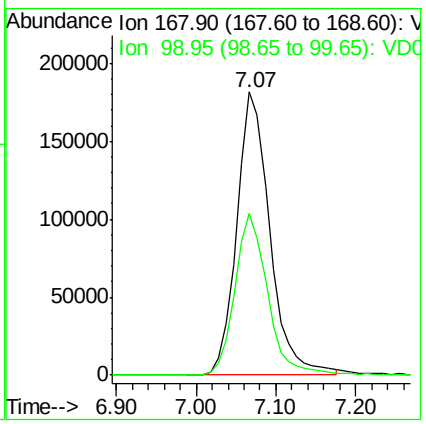


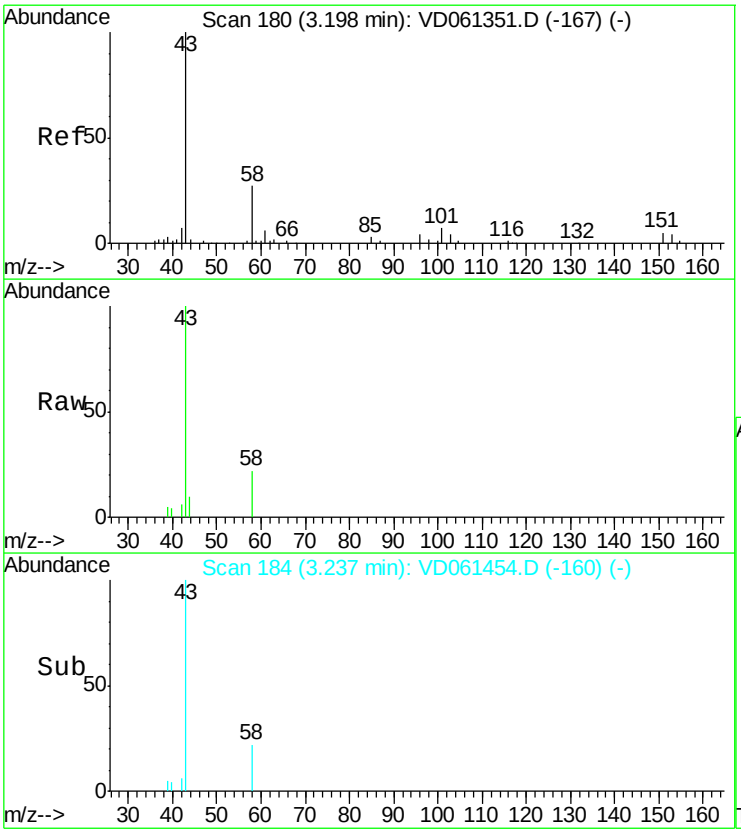
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.07 min Scan# 573
Delta R.T. 0.05 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 521014

Ion	Ratio	Lower	Upper
168	100		
99	57.1	43.1	64.7

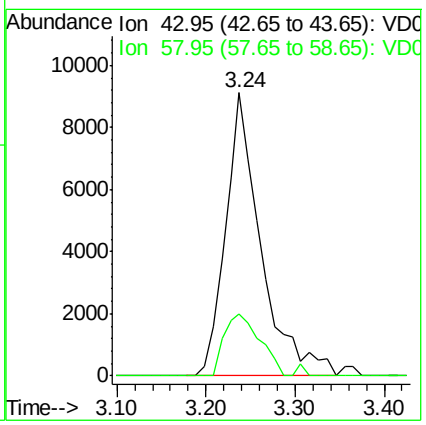


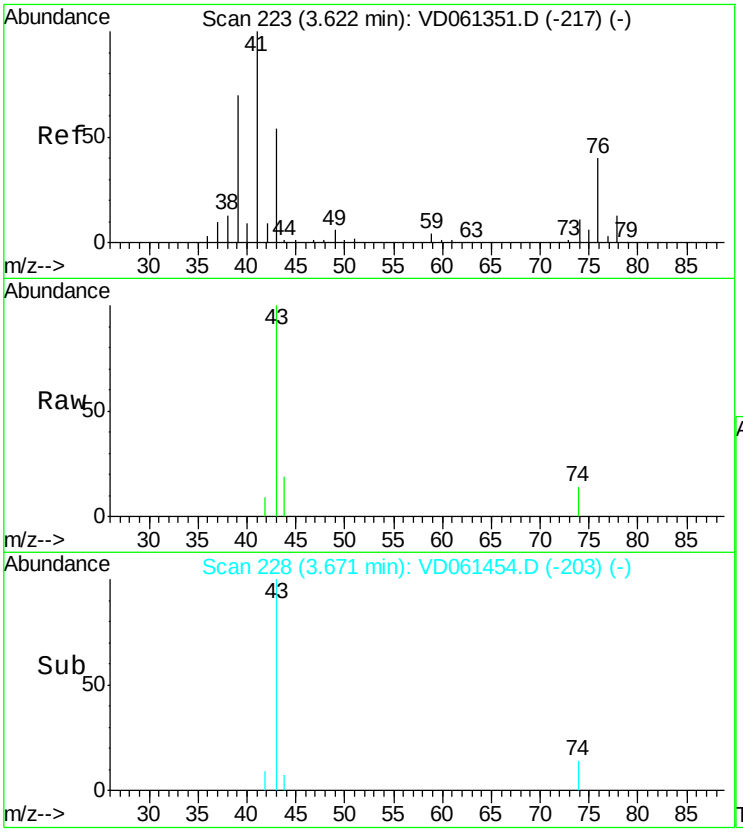


#16
Acetone
Concen: 22.062 ug/l
RT: 3.24 min Scan# 184
Delta R.T. 0.04 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Tgt Ion: 43 Resp: 25242

Ion	Ratio	Lower	Upper
43	100		
58	22.1	21.5	32.3



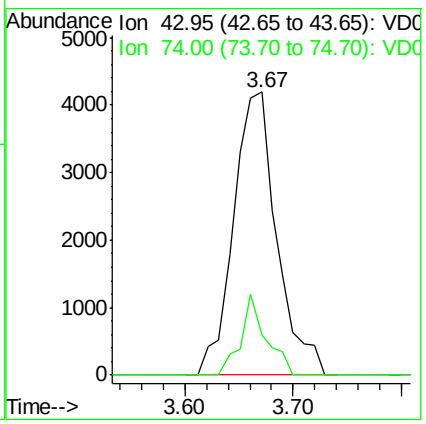


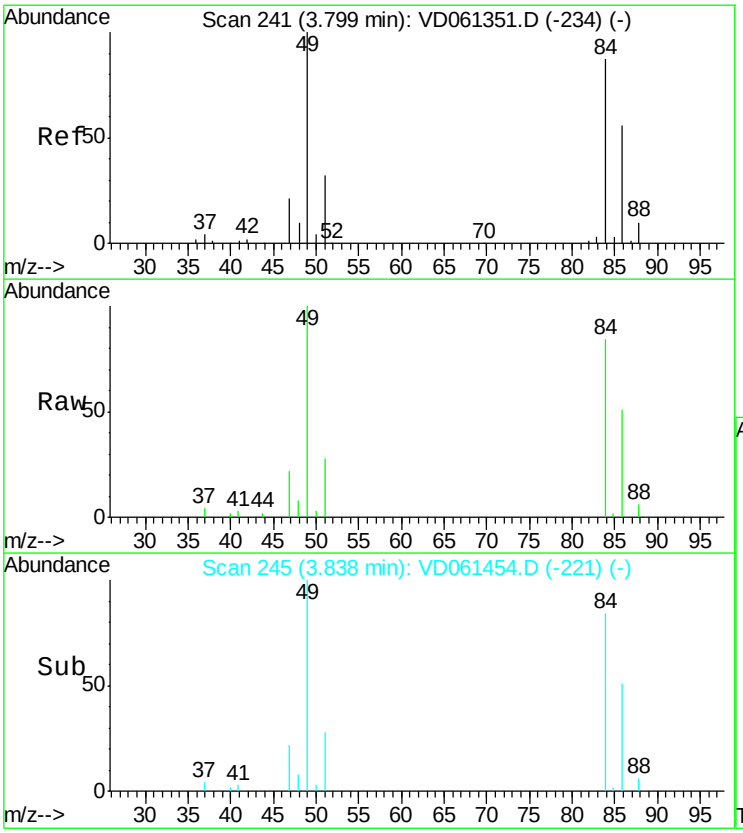
#18
Methyl Acetate
Concen: 4.857 ug/l
RT: 3.67 min Scan# 228
Delta R.T. 0.05 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 11685

Ion	Ratio	Lower	Upper
43	100		
74	14.0	16.7	25.1#

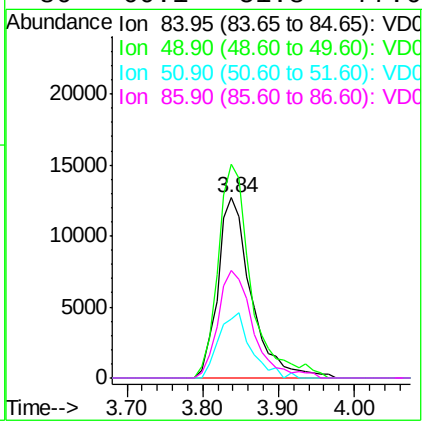


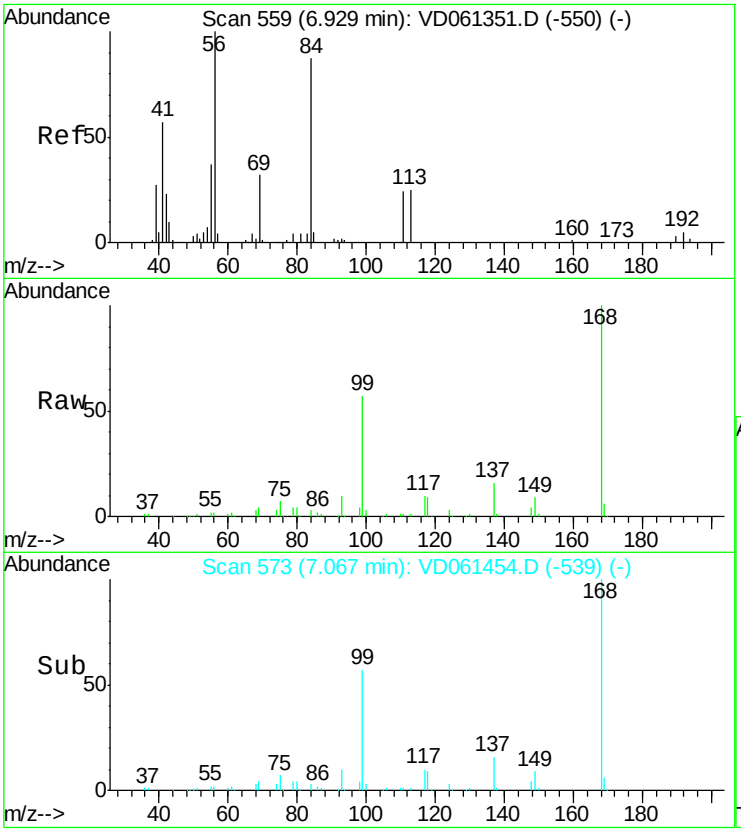


#20
Methylene Chloride
Concen: 4.283 ug/l
RT: 3.84 min Scan# 245
Delta R.T. 0.04 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Tgt Ion: 84 Resp: 38705

Ion	Ratio	Lower	Upper
84	100		
49	118.7	91.8	137.8
51	32.7	29.8	44.8
86	60.1	51.8	77.6



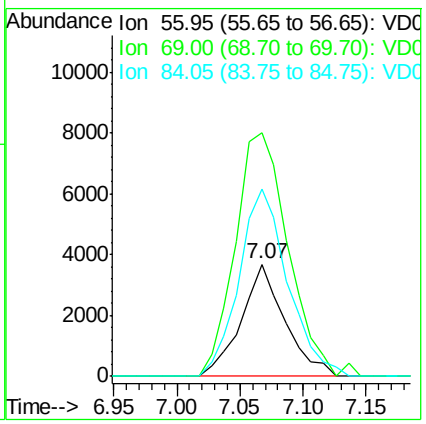


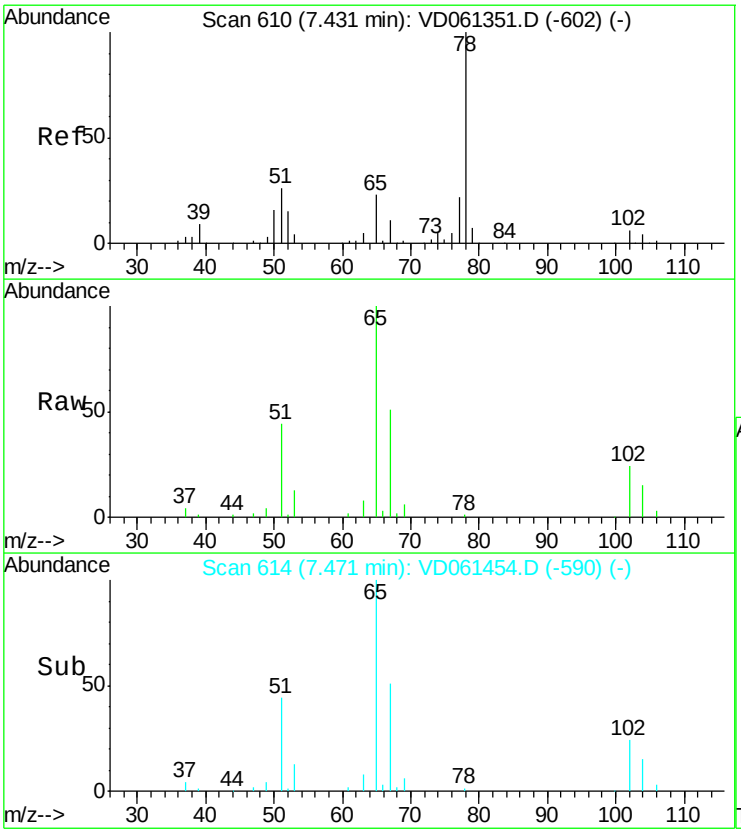
#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.07 min Scan# 573
Delta R.T. 0.14 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 8869

Ion	Ratio	Lower	Upper
56	100		
69	217.1	25.7	38.5#
84	166.8	70.6	105.8#

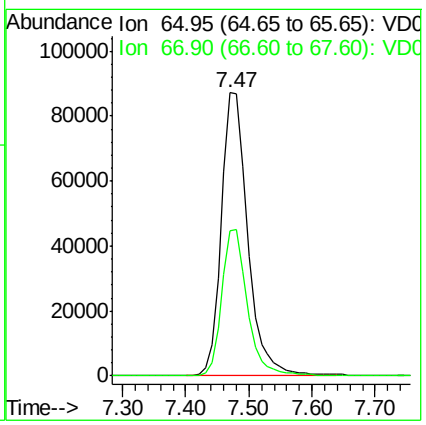


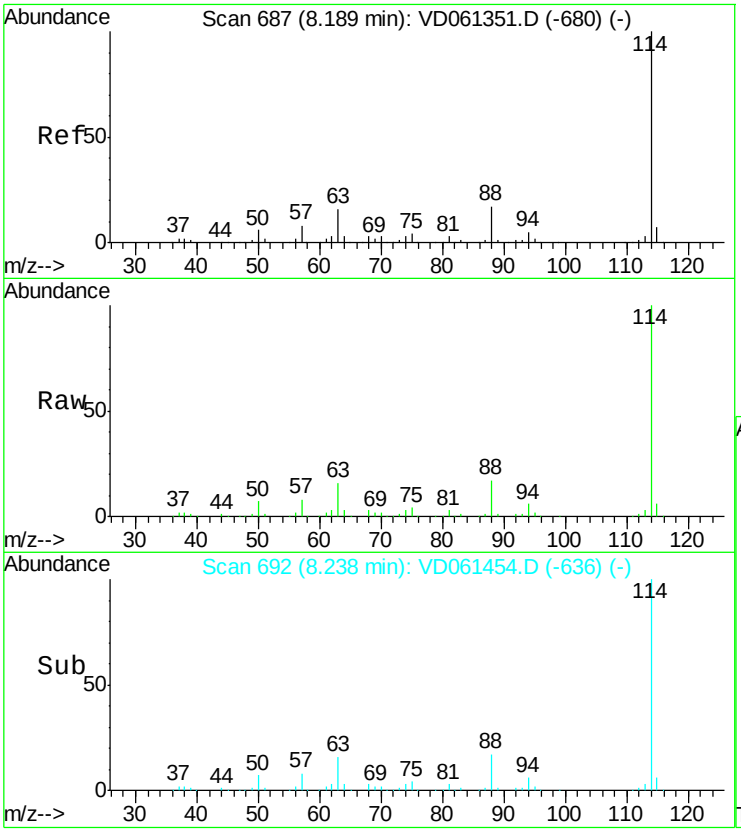


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.04 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Tgt Ion: 65 Resp: 254198

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	99.8



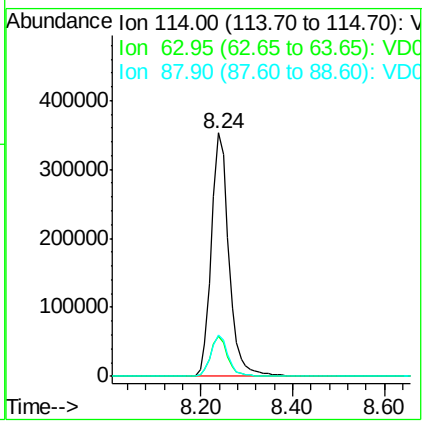


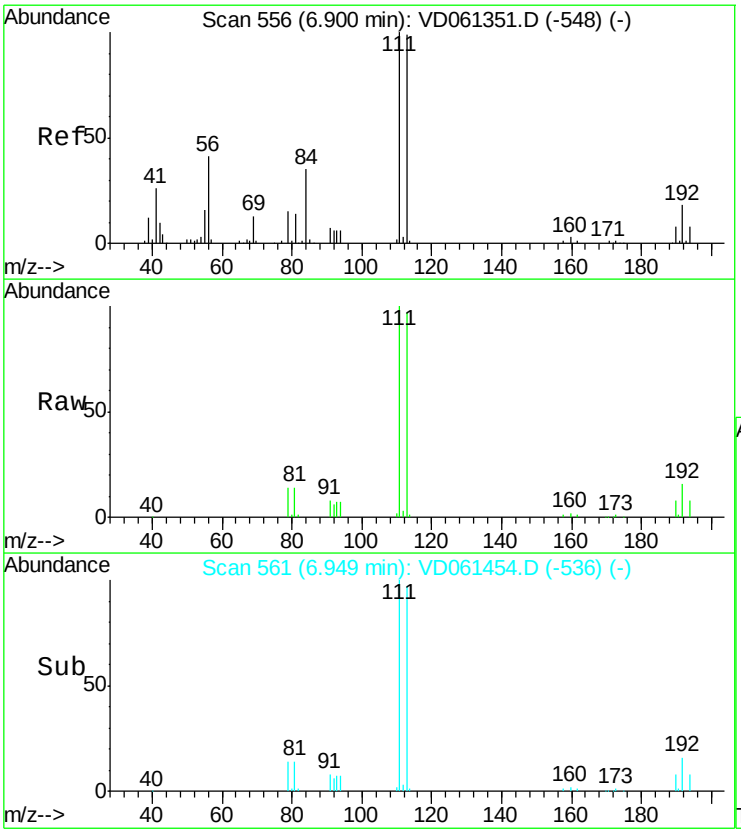
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.24 min Scan# 692
Delta R.T. 0.05 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 923529

Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	31.6
88	16.9	0.0	33.4

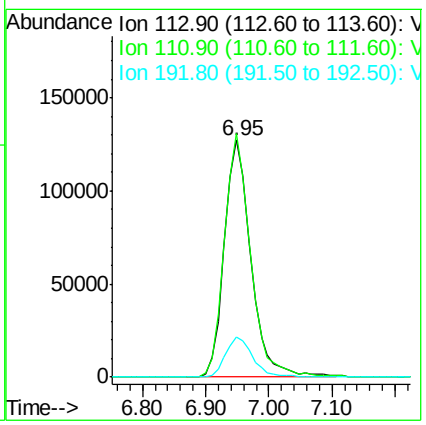


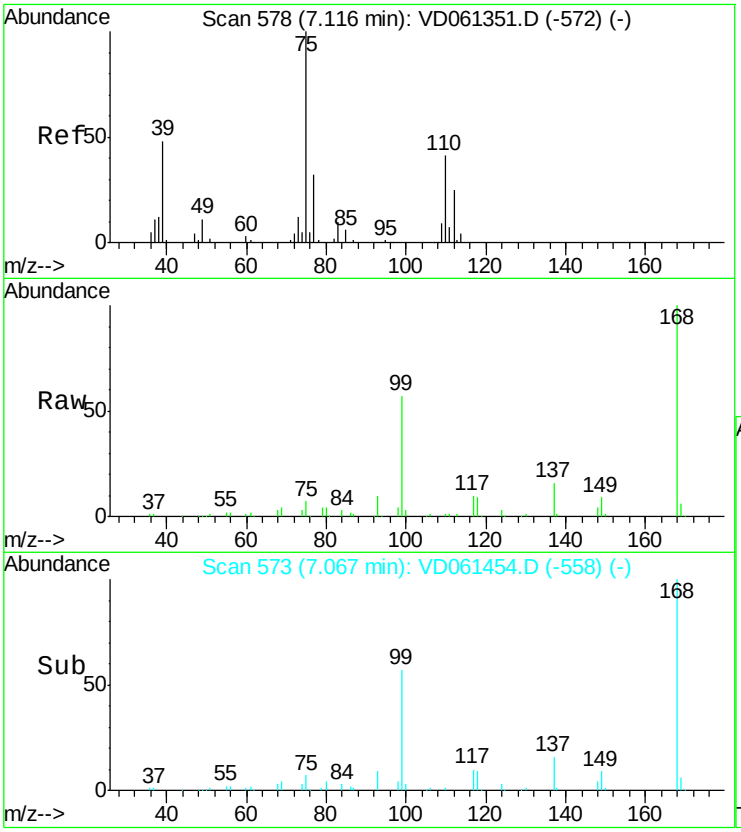


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.95 min Scan# 561
Delta R.T. 0.05 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Tgt Ion:113 Resp: 372774

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.0	121.6
192	16.8	14.4	21.6



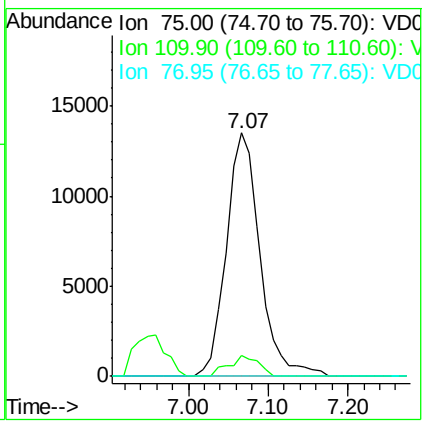


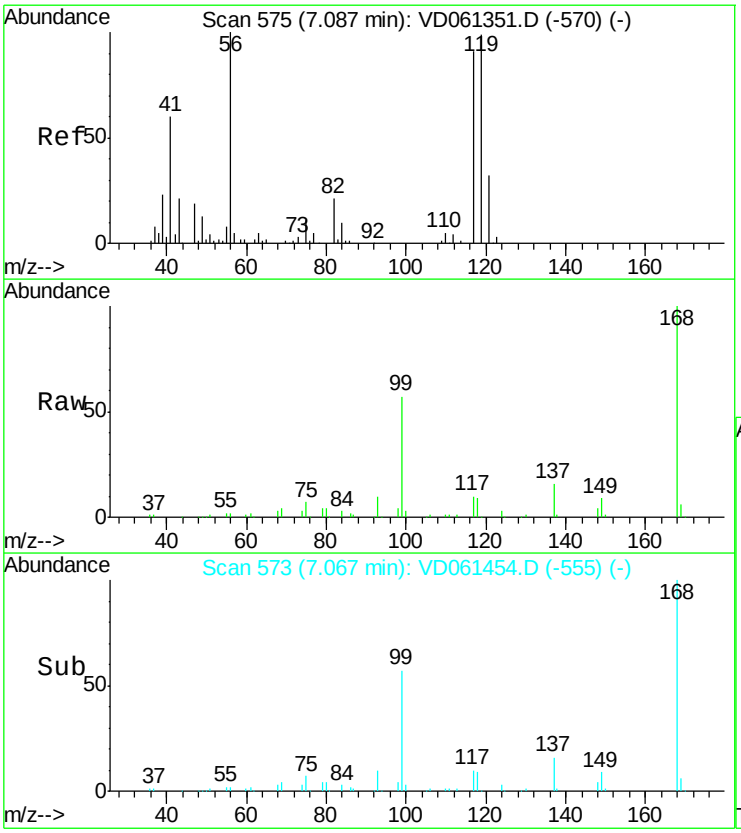
#36
1,1-Dichloropropene
Concen: 4.923 ug/l
RT: 7.07 min Scan# 573
Delta R.T. -0.05 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 39678

Ion	Ratio	Lower	Upper
75	100		
110	8.4	20.4	61.3#
77	0.0	24.9	37.3#

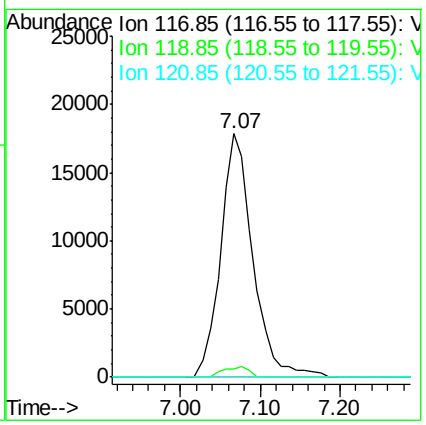


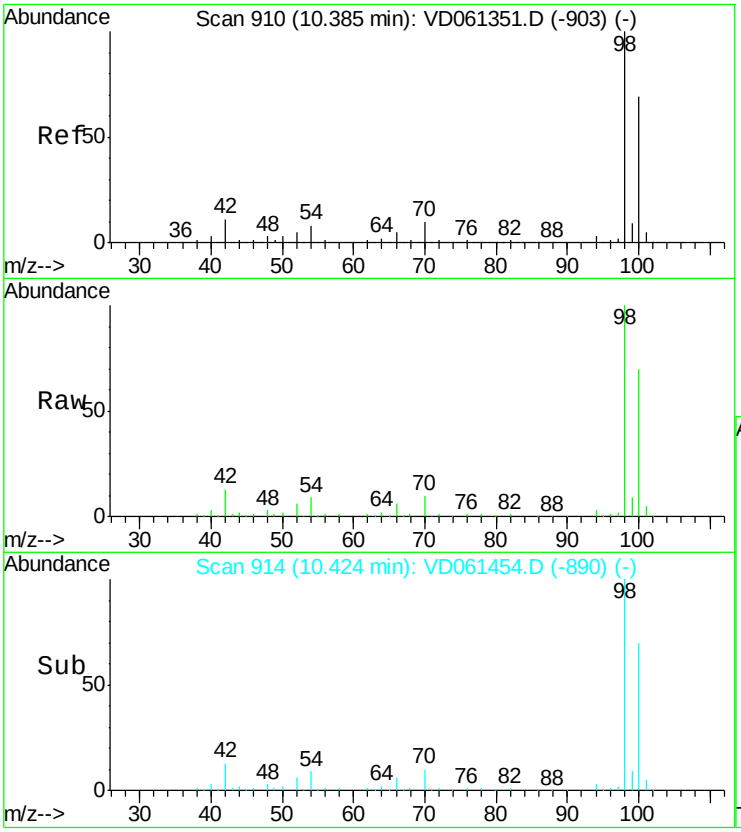


#38
Carbon Tetrachloride
Concen: 5.443 ug/l
RT: 7.07 min Scan# 573
Delta R.T. -0.02 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Tgt Ion:117 Resp: 50412

Ion	Ratio	Lower	Upper
117	100		
119	3.5	80.1	120.1#
121	0.0	25.6	38.4#



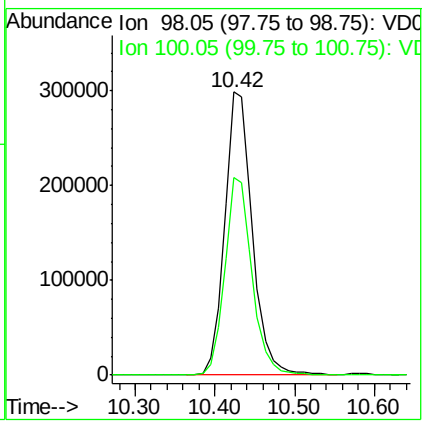


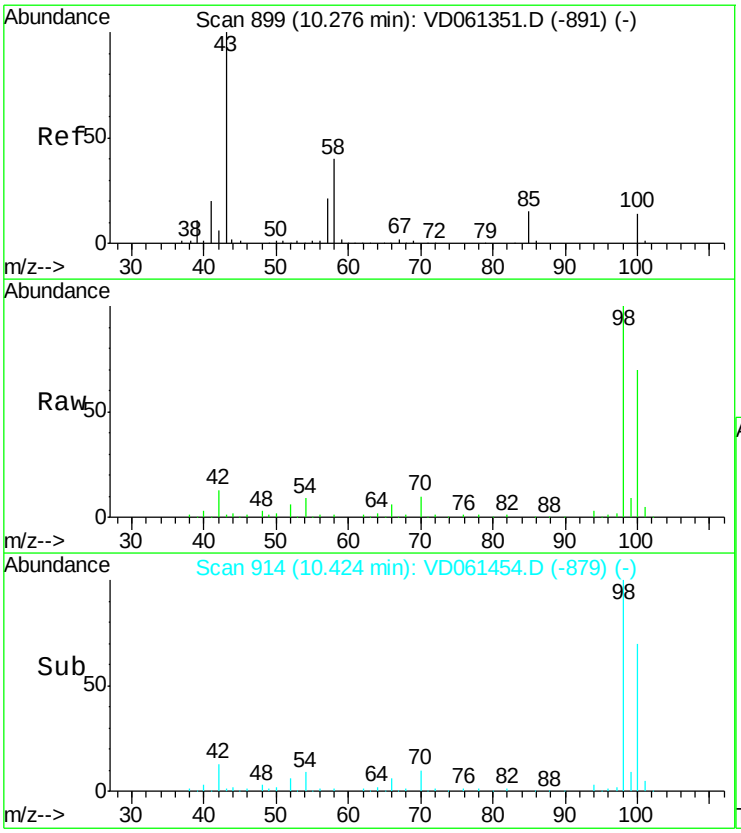
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.04 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 724794

Ion	Ratio	Lower	Upper
98	100		
100	70.0	56.2	84.2

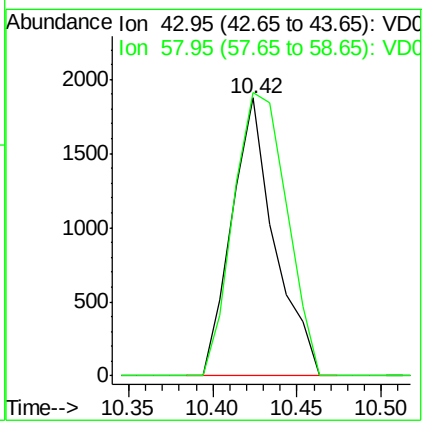


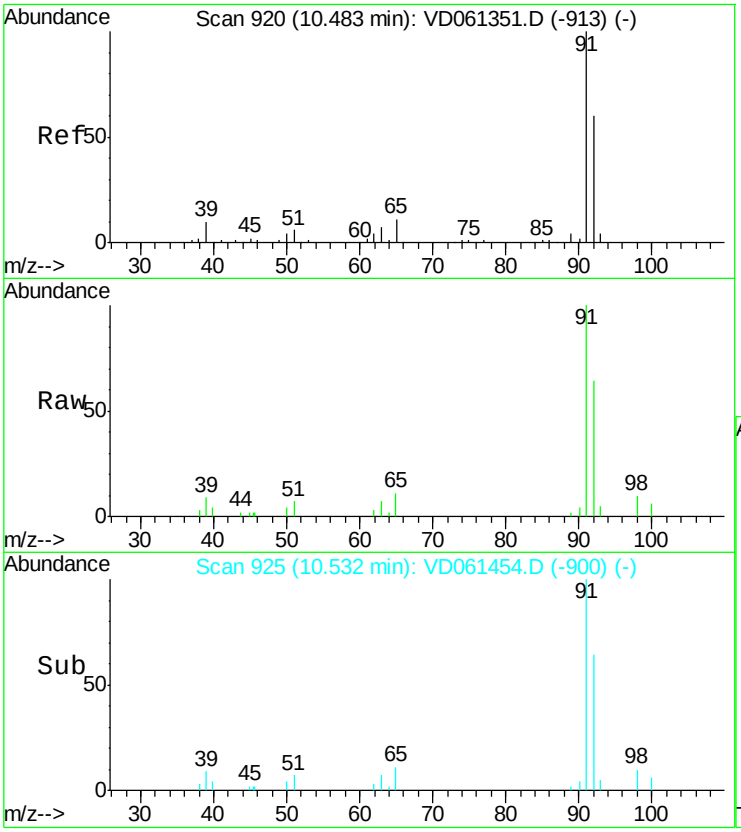


#51
4-Methyl-2-Pentanone
Concen: 1.084 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.15 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Tgt Ion: 43 Resp: 3308

Ion	Ratio	Lower	Upper
43	100		
58	101.9	31.8	47.8#



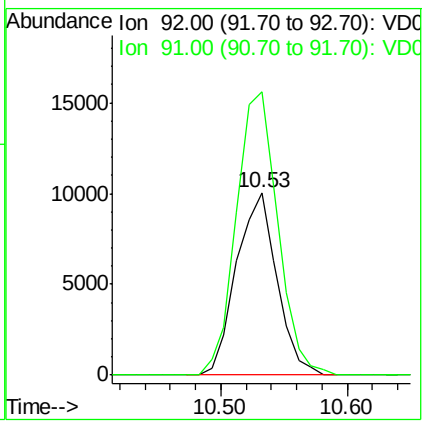


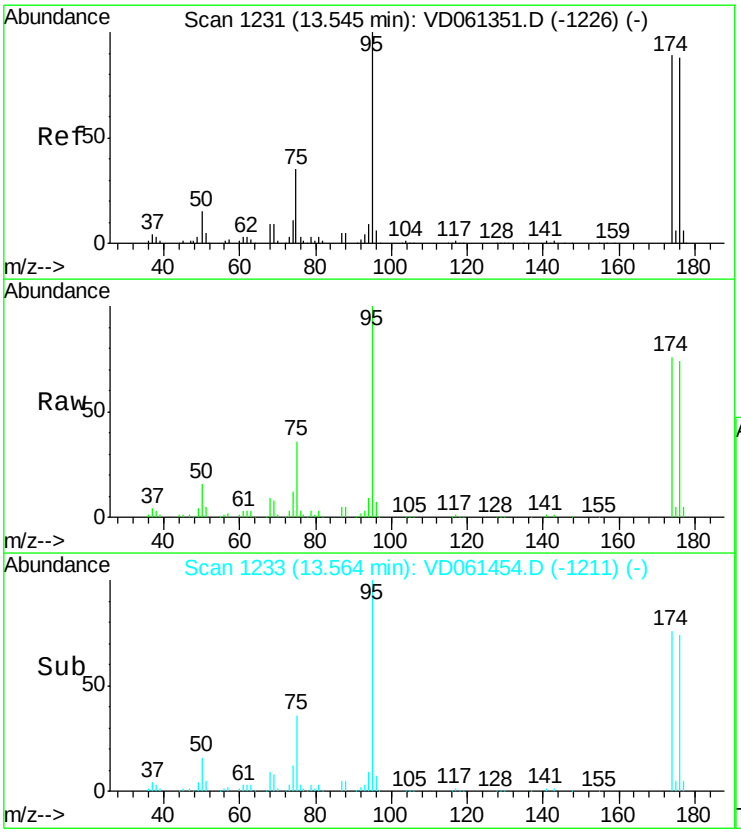
#52
Toluene
Concen: 1.806 ug/l
RT: 10.53 min Scan# 925
Delta R.T. 0.05 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 92 Resp: 22290

Ion	Ratio	Lower	Upper
92	100		
91	155.3	133.3	199.9

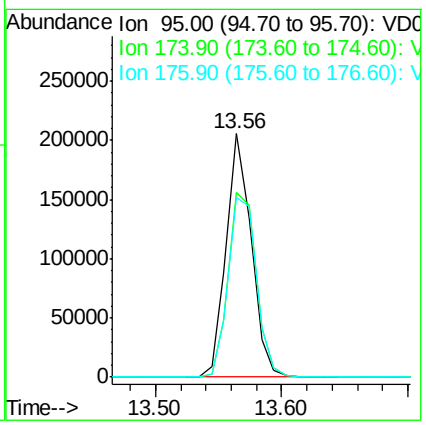


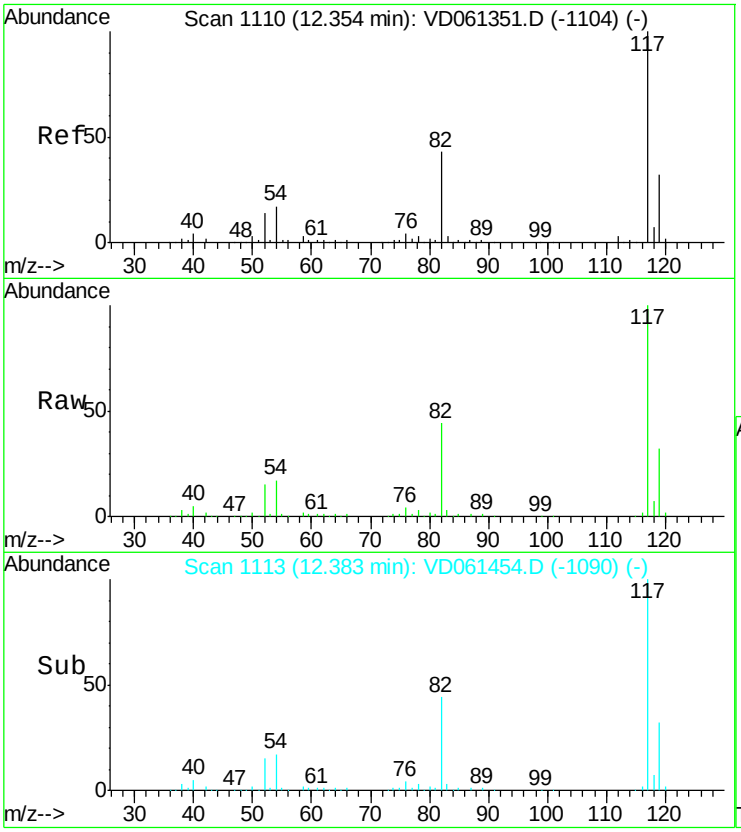


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Tgt Ion: 95 Resp: 282388

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	178.0
176	73.9	0.0	175.0



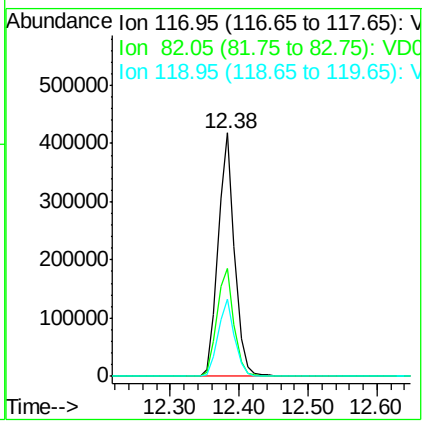


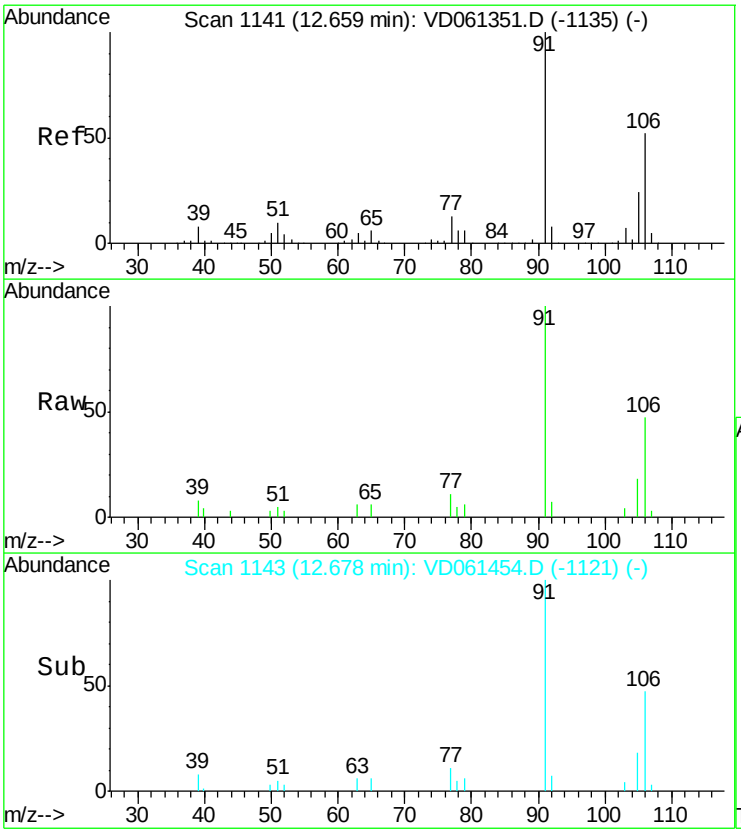
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 685404

Ion	Ratio	Lower	Upper
117	100		
82	44.2	34.4	51.6
119	31.6	25.8	38.6

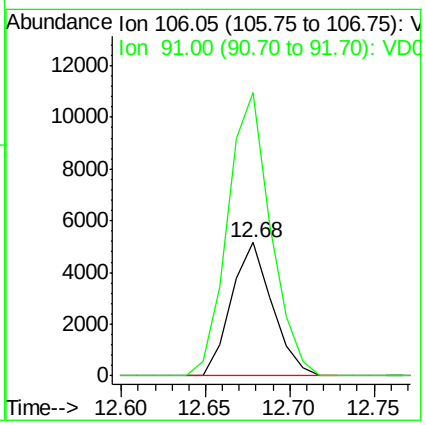


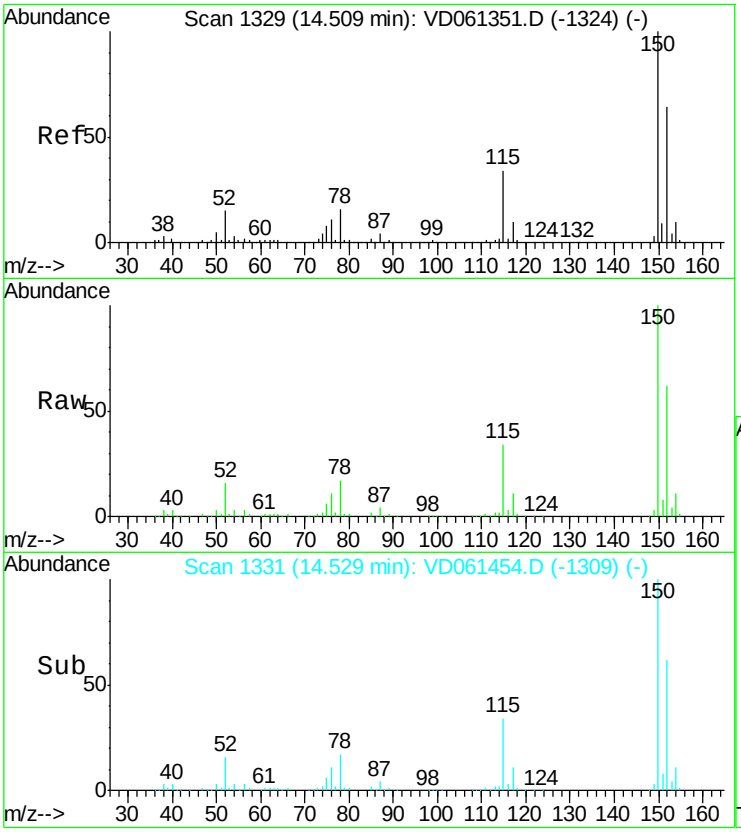


#68
m/p-Xylenes
Concen: 1.066 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.02 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Tgt Ion:106 Resp: 8634

Ion	Ratio	Lower	Upper
106	100		
91	212.4	153.1	229.7



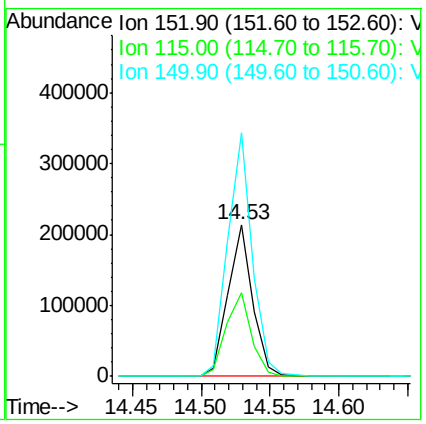


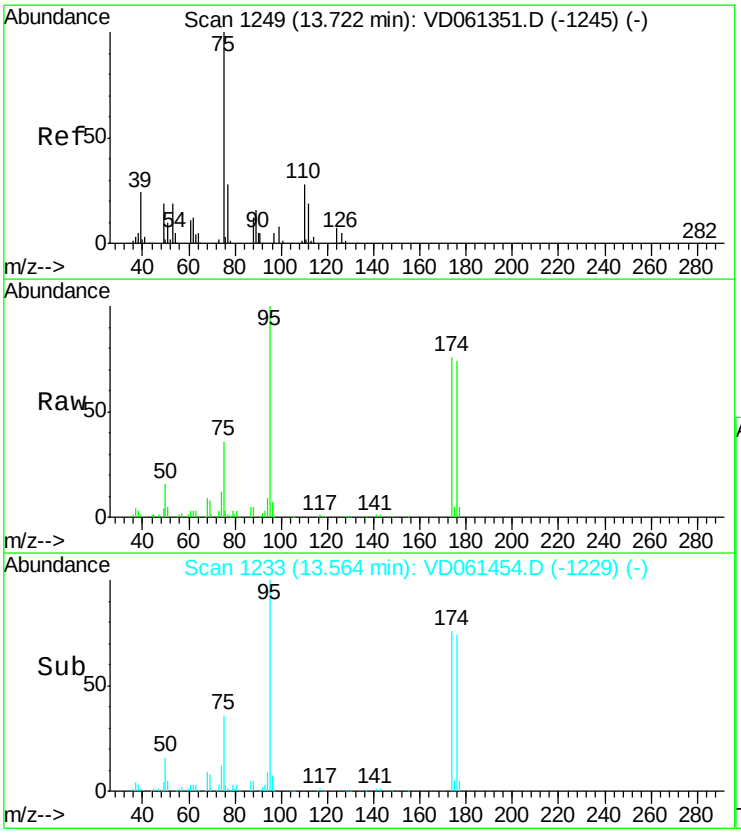
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 263498

Ion	Ratio	Lower	Upper
152	100		
115	55.1	26.9	80.6
150	160.5	0.0	318.0

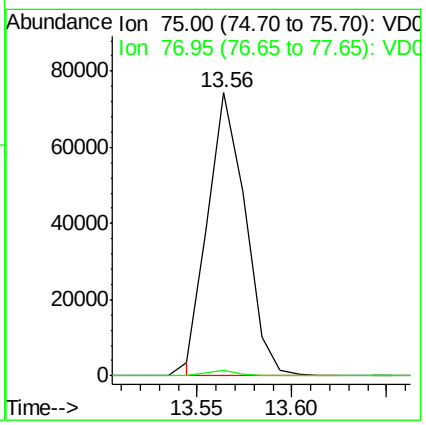


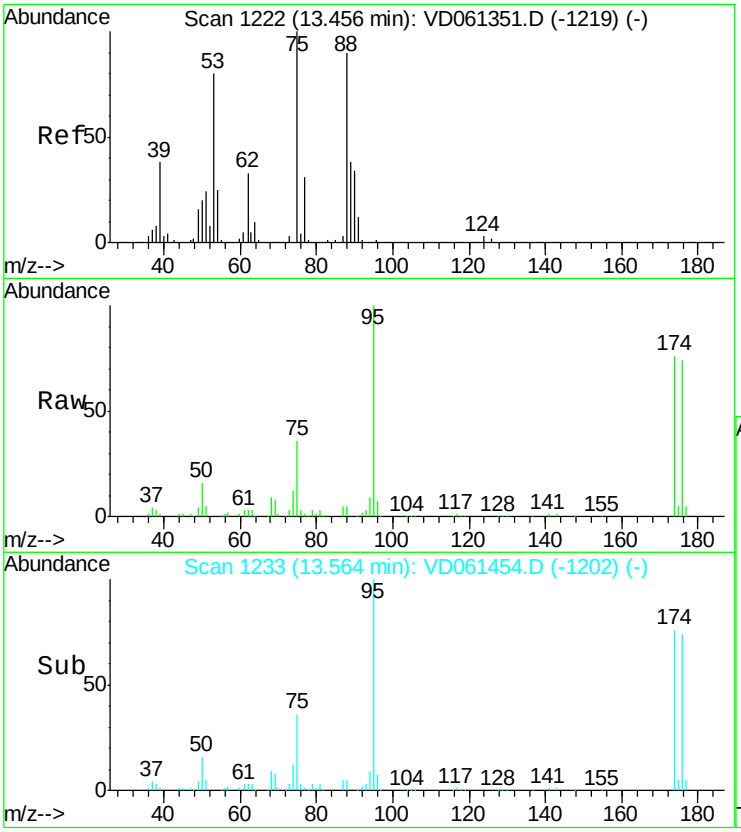


#76
1,2,3-Trichloropropane
Concen: 26.840 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.16 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Tgt Ion: 75 Resp: 102159

Ion	Ratio	Lower	Upper
75	100		
77	1.8	16.2	48.5#



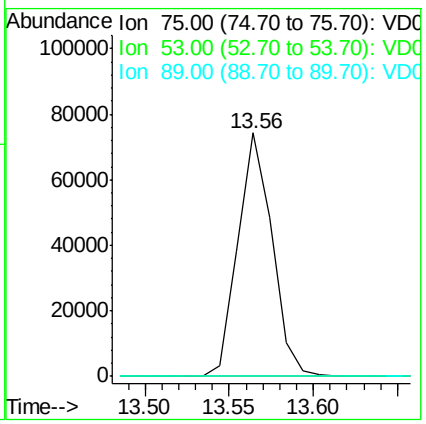


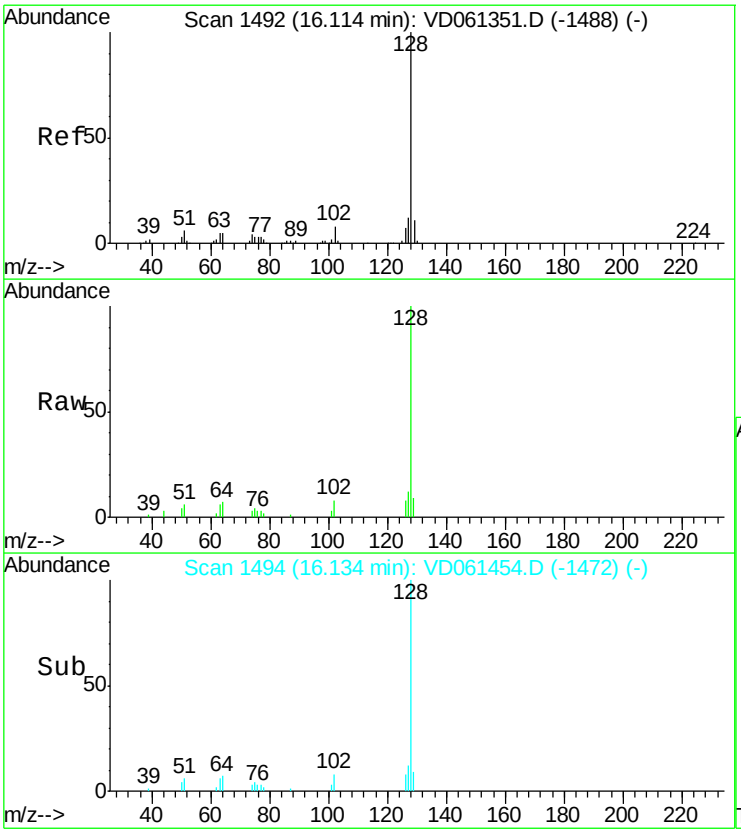
#81
trans-1,4-Dichloro-2-butene
Concen: 89.755 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.11 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 104164

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





#95
Naphthalene
Concen: 5.247 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.02 min
Lab File: VD061454.D
Acq: 31 Mar 2019 18:37

Tgt Ion:128 Resp: 27515

Ion	Ratio	Lower	Upper
128	100		
127	12.0	9.9	14.9
129	9.5	8.9	13.3