Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122619\
Data File : VD064590.D
Acq On : 26 Dec 2019 10:40
Operator : VA/SY
Sample : VD1226SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Dec 27 01:37:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	496881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	780405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	800483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	411061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	218137	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.58%			
35) Dibromofluoromethane	7.92	113	236103	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.62%			
50) Toluene-d8	10.34	98	951473	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.78%			
62) 4-Bromofluorobenzene	12.64	95	357173	61.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 123.20%			
Target Compounds						Qvalue
13) Acrolein	3.91	56	460	1.314	ug/l #	67
16) Acetone	4.17	43	7839	11.674	ug/l	95
20) Methylene Chloride	4.97	84	15227	Below Cal	#	82
25) 2-Butanone	7.21	43	6082	5.050	ug/l #	49
26) 2,2-Dichloropropane	7.21	77	8373	1.103	ug/l #	62
30) Chloroform	7.71	83	18666	2.180	ug/l	90
31) Cyclohexane	7.98	56	15675	1.919	ug/l #	63
49) 1,4-Dioxane	9.33	88	54	1.716	ug/l #	1
51) 4-Methyl-2-Pentanone	10.24	43	4209	1.450	ug/l	90
76) 1,2,3-Trichloropropane	12.64	75	190512	58.691	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	190512	122.751	ug/l #	10

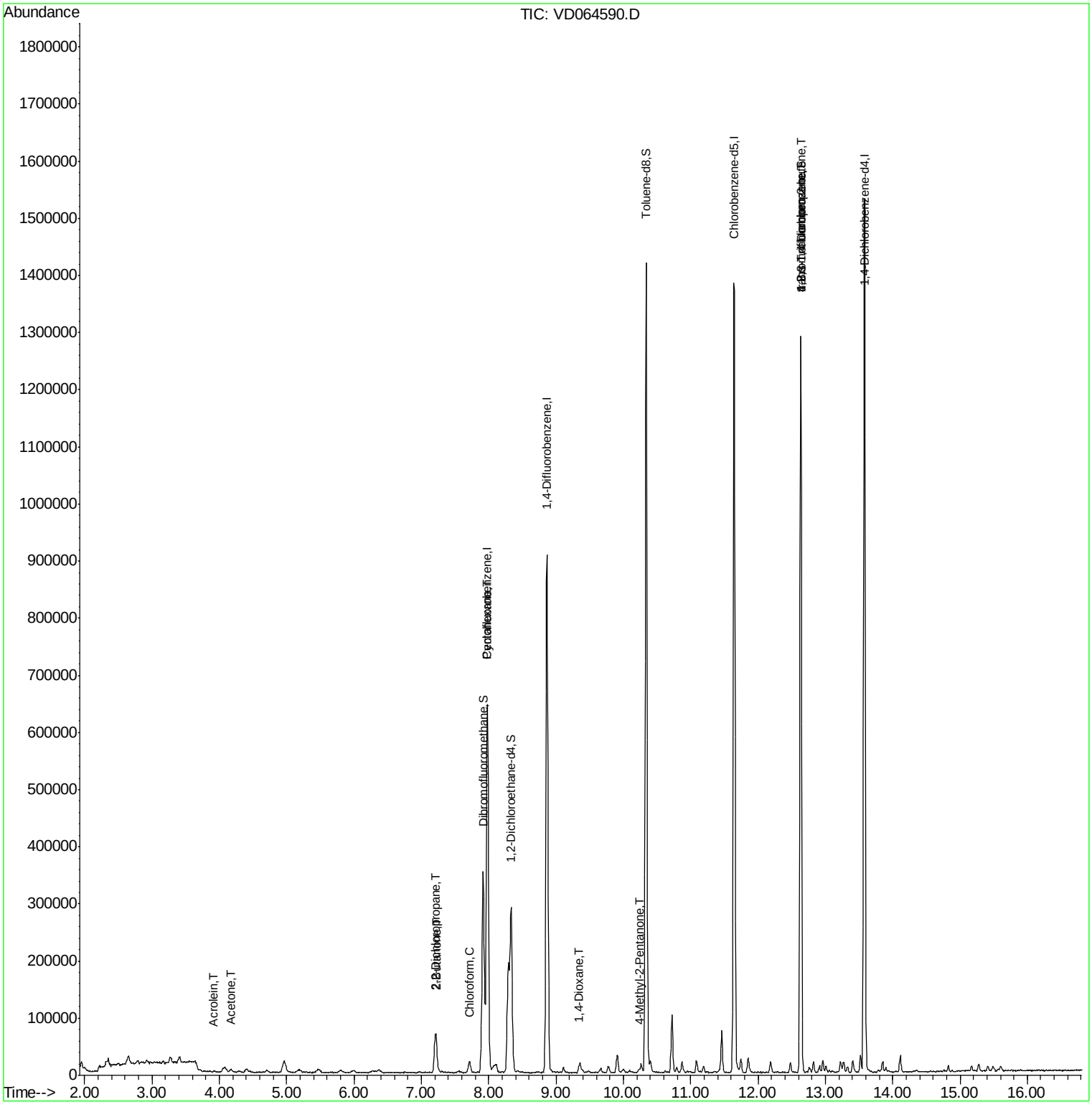
(#) = qualifier out of range (m) = manual integration (+) = signals summed

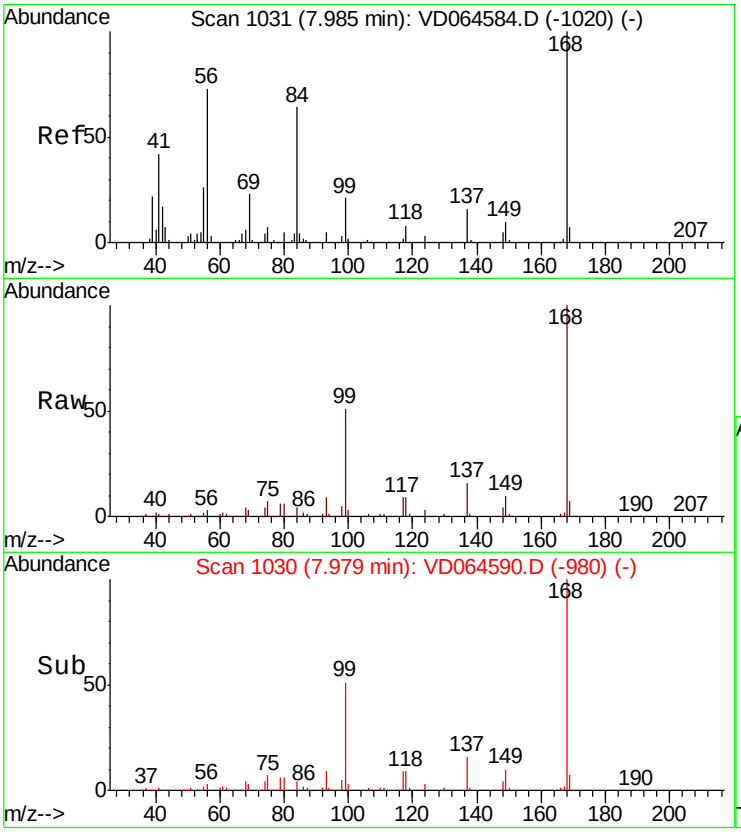
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122619\
Data File : VD064590.D
Acq On : 26 Dec 2019 10:40
Operator : VA/SY
Sample : VD1226SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 27 01:37:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration



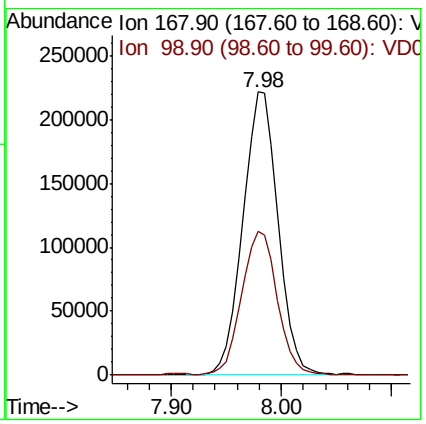


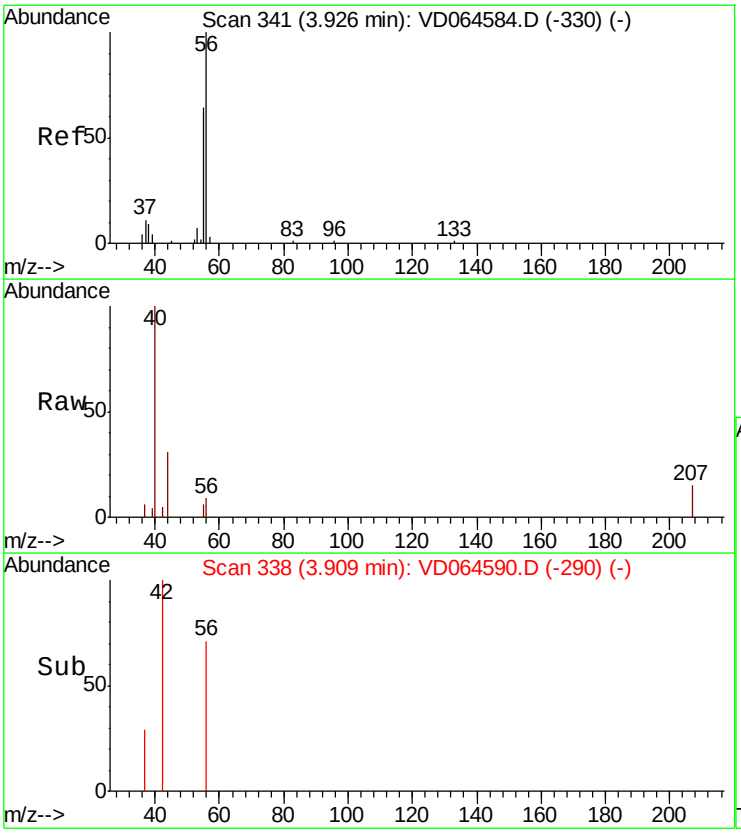
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064590.D
Acq: 26 Dec 2019 10:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 496881

Ion	Ratio	Lower	Upper
168	100		
99	50.4	41.8	62.6

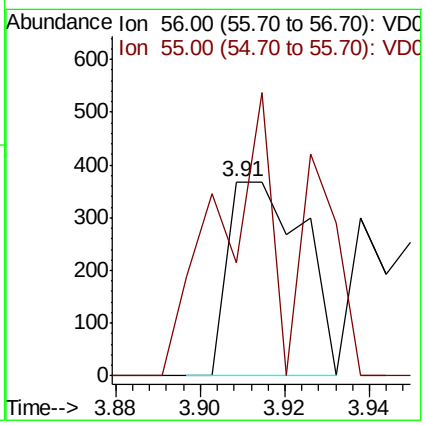


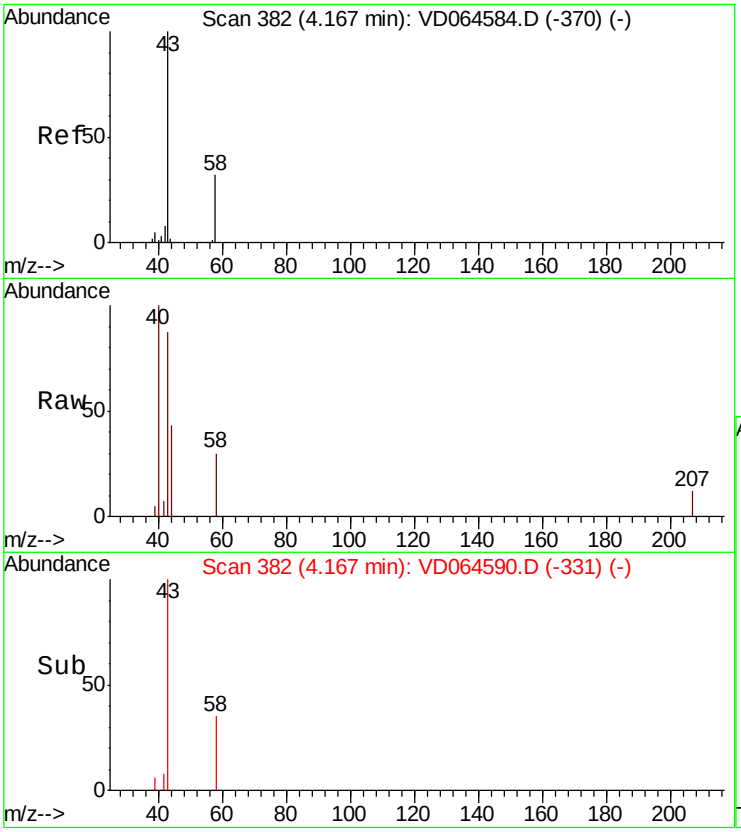


#13
Acrolein
Concen: 1.314 ug/l
RT: 3.91 min Scan# 338
Delta R.T. -0.02 min
Lab File: VD064590.D
Acq: 26 Dec 2019 10:40

Tgt Ion: 56 Resp: 460

Ion	Ratio	Lower	Upper
56	100		
55	98.5	56.7	85.1#



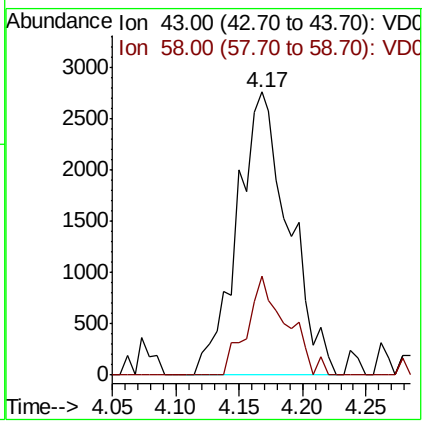


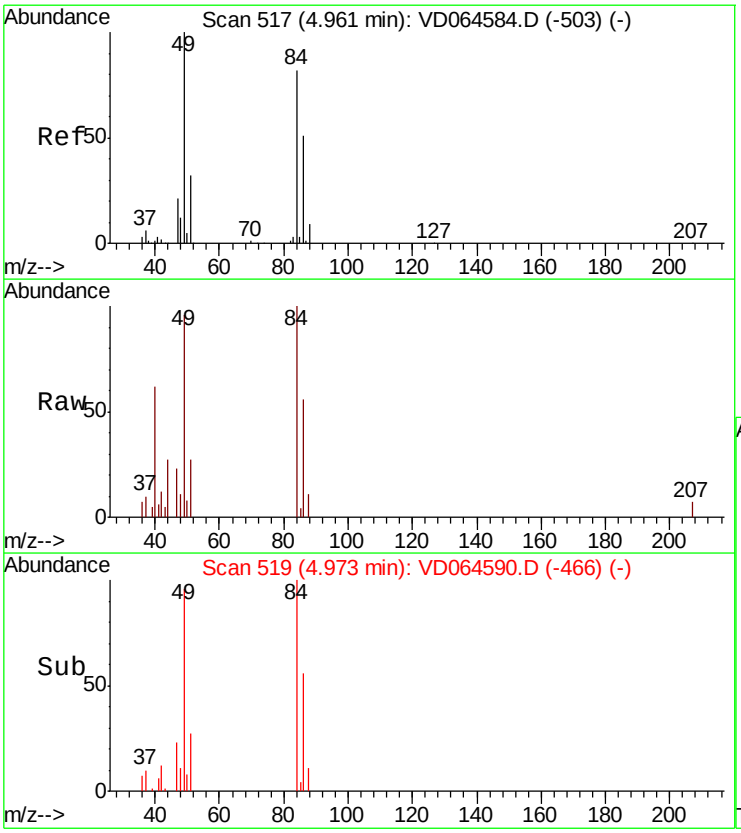
#16
Acetone
Concen: 11.674 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.00 min
Lab File: VD064590.D
Acq: 26 Dec 2019 10:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 7839

Ion	Ratio	Lower	Upper
43	100		
58	34.9	25.8	38.6

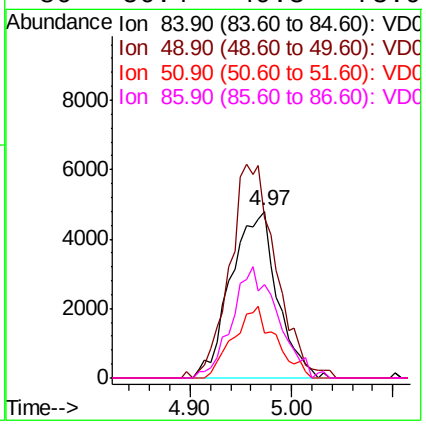


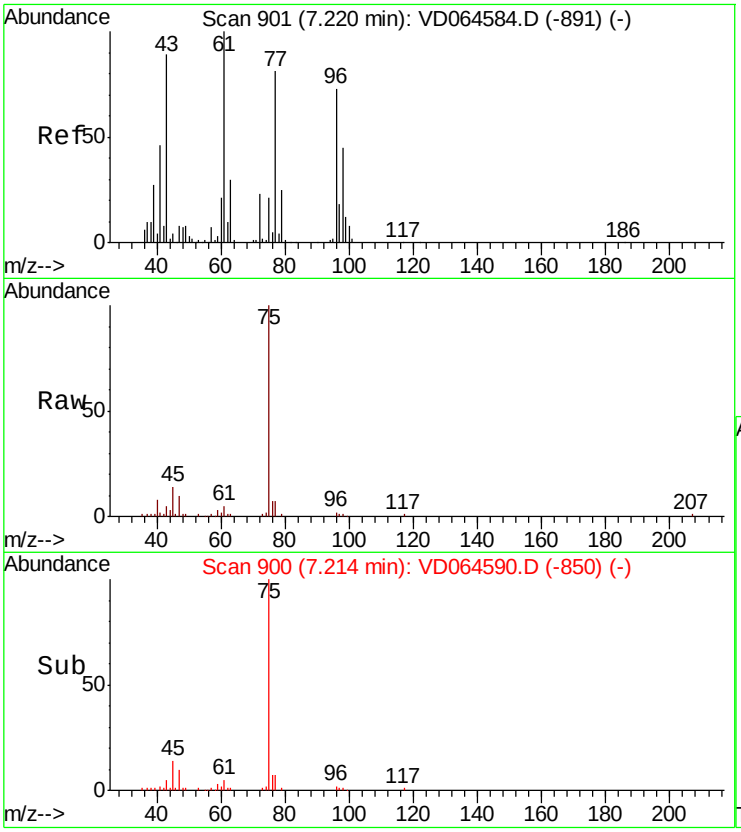


#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD064590.D
Acq: 26 Dec 2019 10:40

Tgt Ion: 84 Resp: 15227

Ion	Ratio	Lower	Upper
84	100		
49	95.9	97.2	145.8#
51	26.7	31.4	47.0#
86	56.4	49.3	73.9



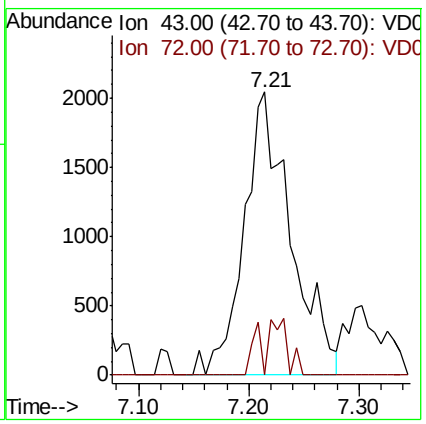


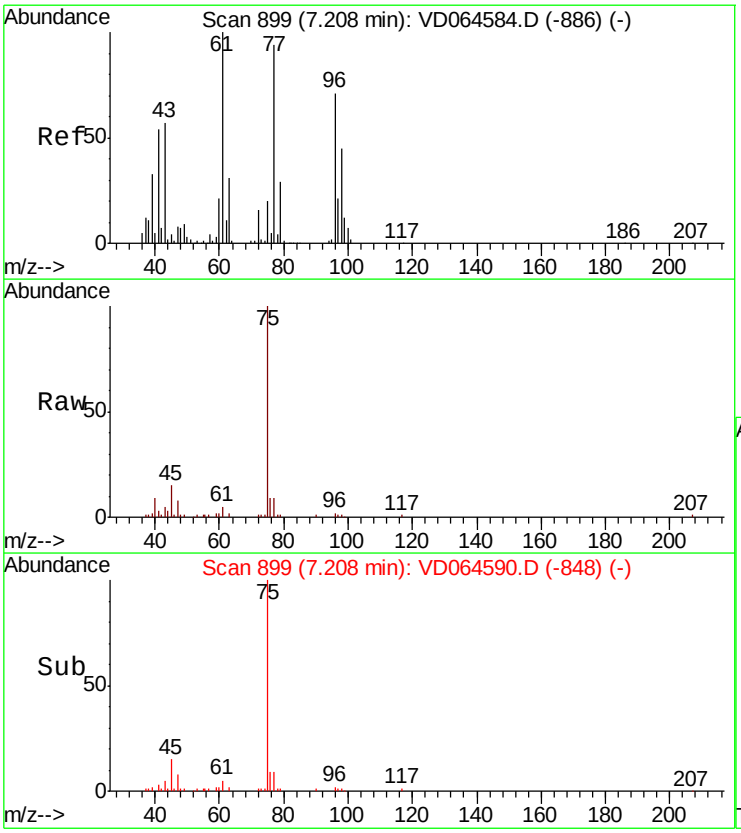
#25
2-Butanone
Concen: 5.050 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.01 min
Lab File: VD064590.D
Acq: 26 Dec 2019 10:40

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 6082

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.7	31.1#

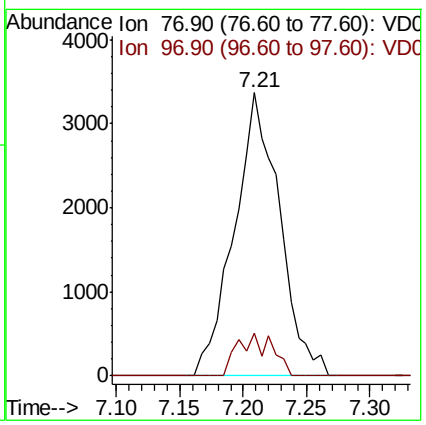


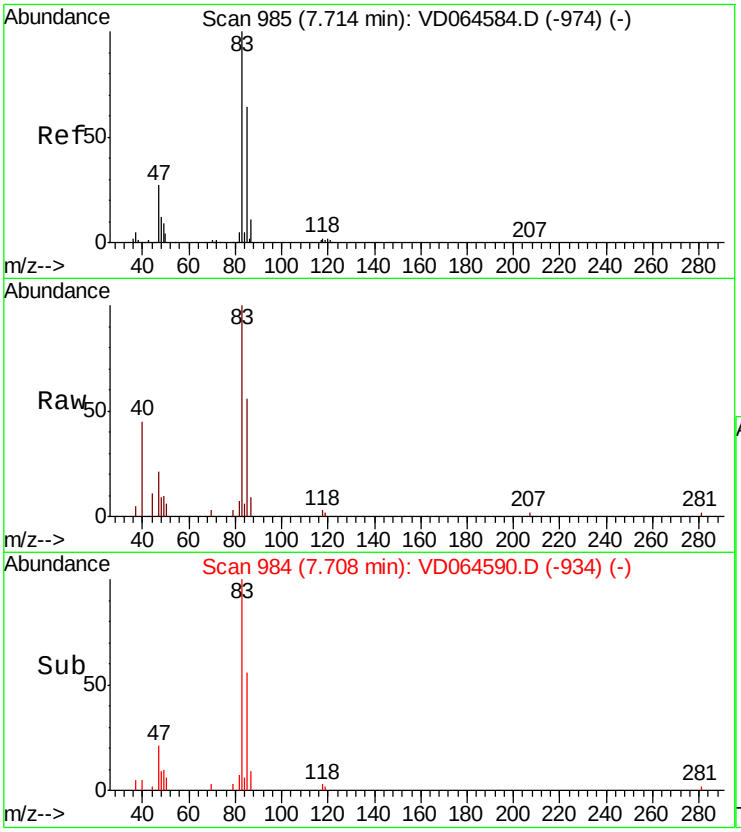


#26
2,2-Dichloropropane
Concen: 1.103 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD064590.D
Acq: 26 Dec 2019 10:40

Tgt Ion: 77 Resp: 8373

Ion	Ratio	Lower	Upper
77	100		
97	4.2	11.2	33.6#



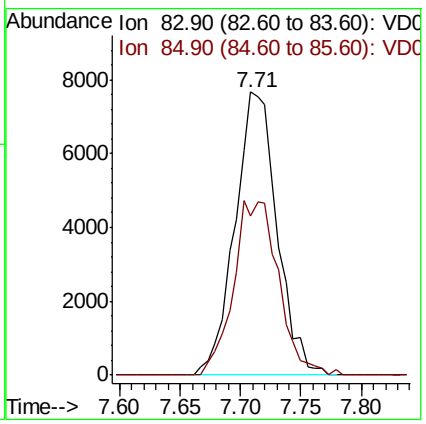


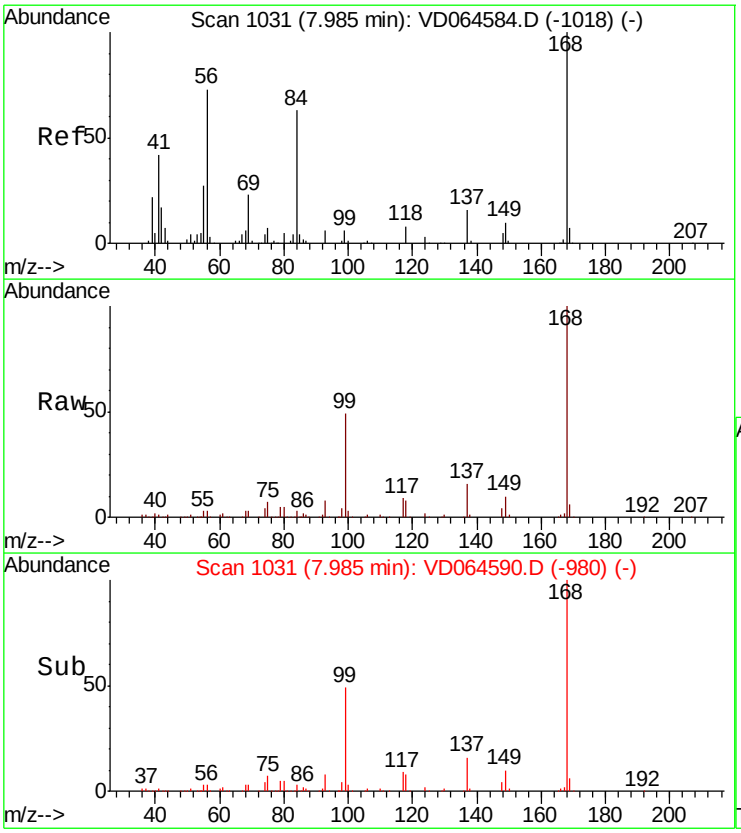
#30
Chloroform
Concen: 2.180 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064590.D
Acq: 26 Dec 2019 10:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 18666

Ion	Ratio	Lower	Upper
83	100		
85	56.4	51.1	76.7

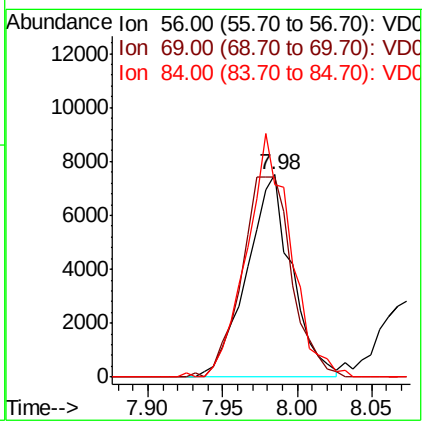


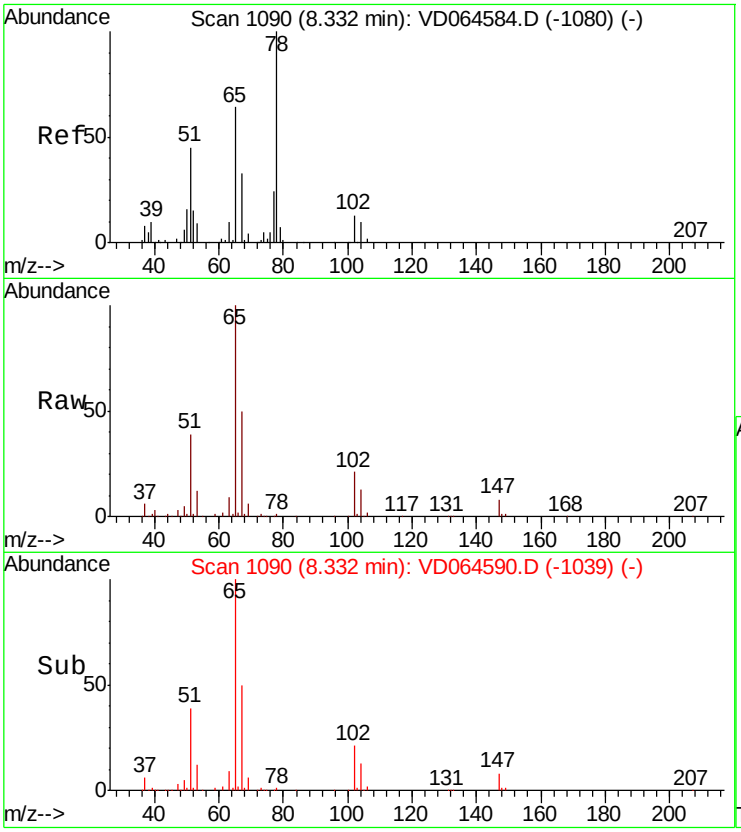


#31
Cyclohexane
Concen: 1.919 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064590.D
Acq: 26 Dec 2019 10:40

Tgt Ion: 56 Resp: 15675

Ion	Ratio	Lower	Upper
56	100		
69	98.7	24.7	37.1#
84	93.0	69.4	104.2



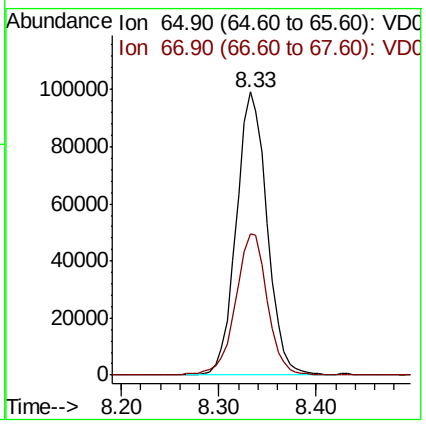


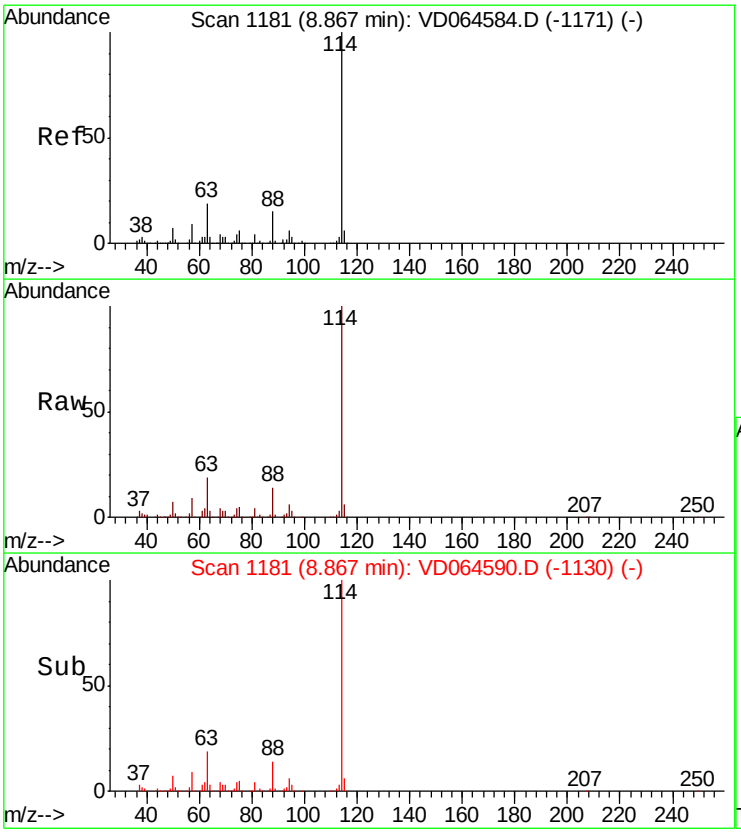
#33
1,2-Dichloroethane-d4
Concen: 49.787 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD064590.D
Acq: 26 Dec 2019 10:40

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 218137

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	106.2

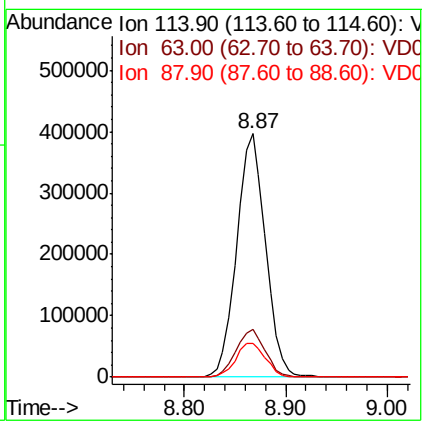


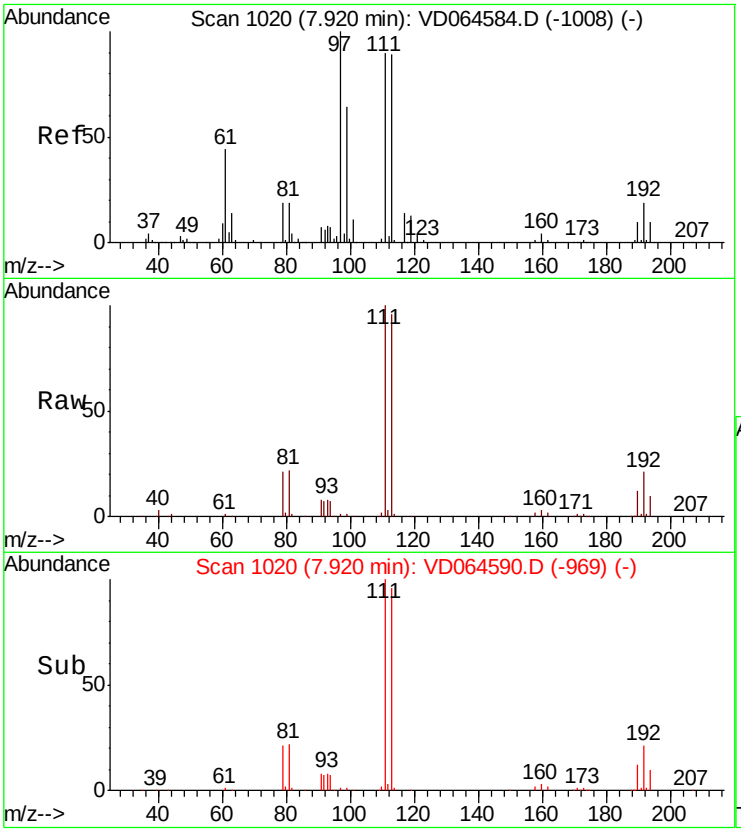


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064590.D
Acq: 26 Dec 2019 10:40

Tgt Ion:114 Resp: 780405

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.0
88	14.0	0.0	29.2



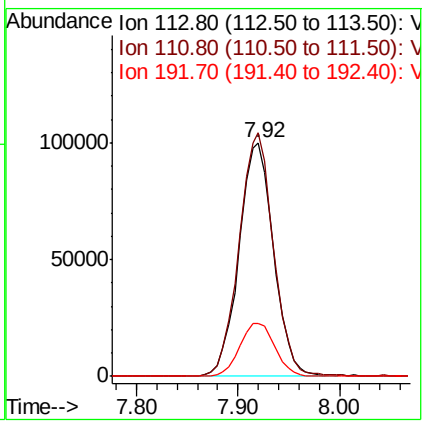


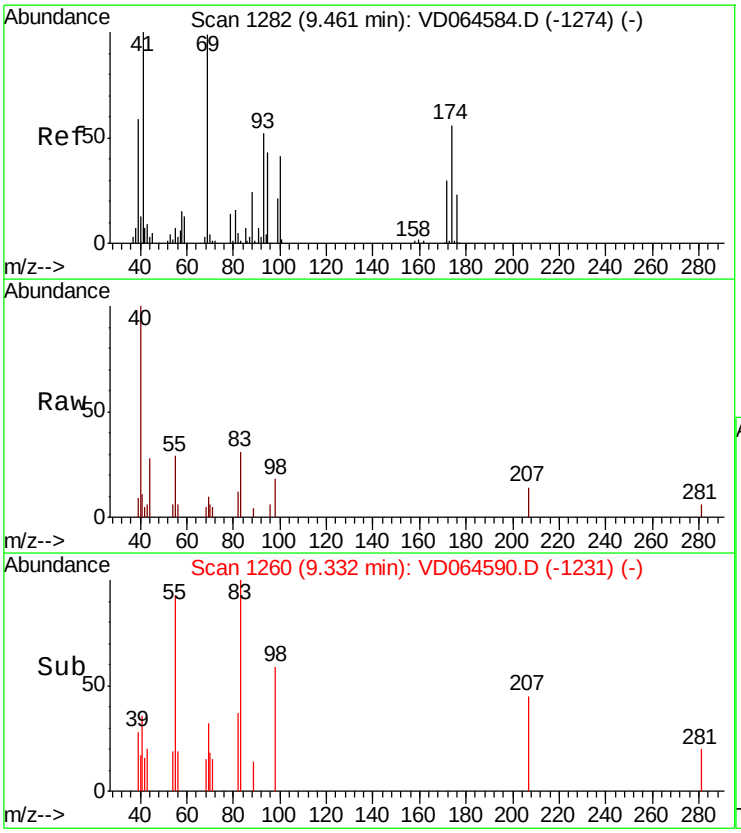
#35
Dibromofluoromethane
Concen: 49.312 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064590.D
Acq: 26 Dec 2019 10:40

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 236103

Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.6	121.0
192	23.1	17.9	26.9

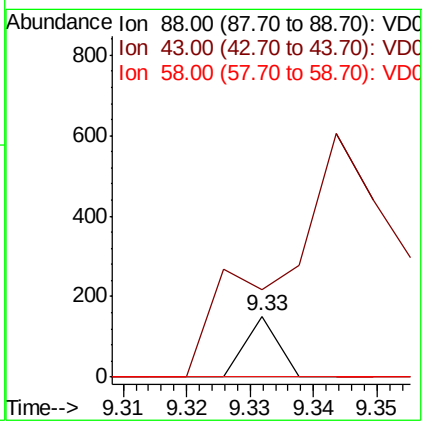


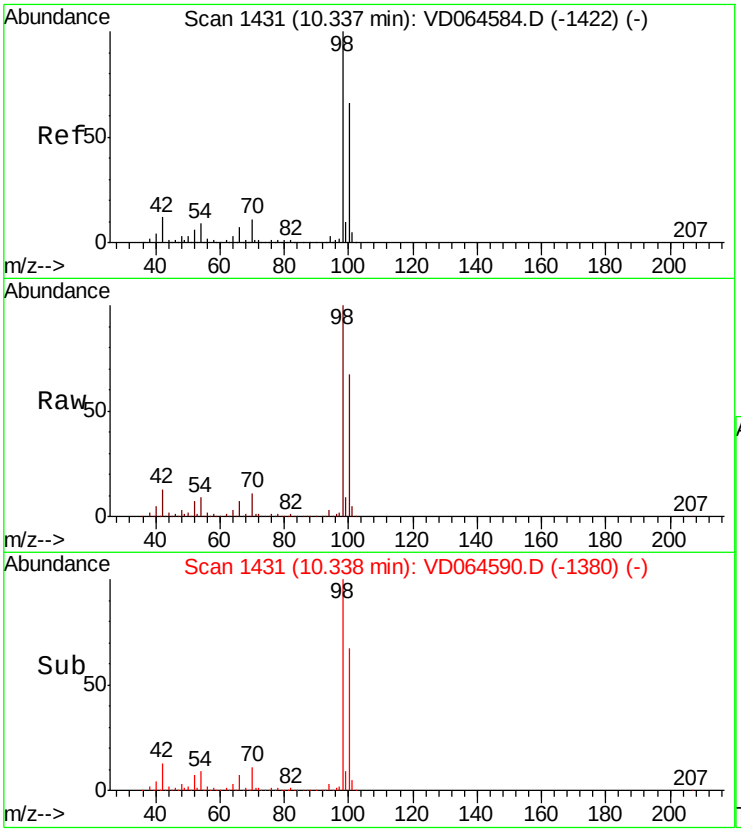


#49
1,4-Dioxane
Concen: 1.716 ug/l
RT: 9.33 min Scan# 1260
Delta R.T. -0.13 min
Lab File: VD064590.D
Acq: 26 Dec 2019 10:40

Tgt Ion: 88 Resp: 54

Ion	Ratio	Lower	Upper
88	100		
43	1613.0	27.7	41.5#
58	0.0	53.8	80.6#



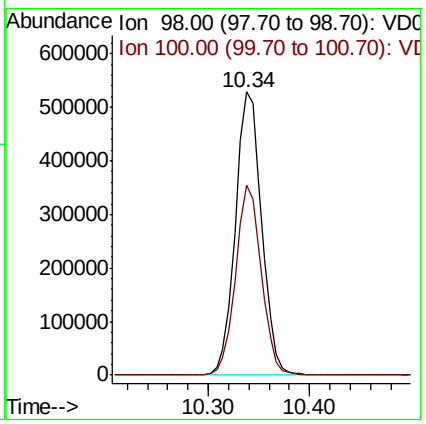


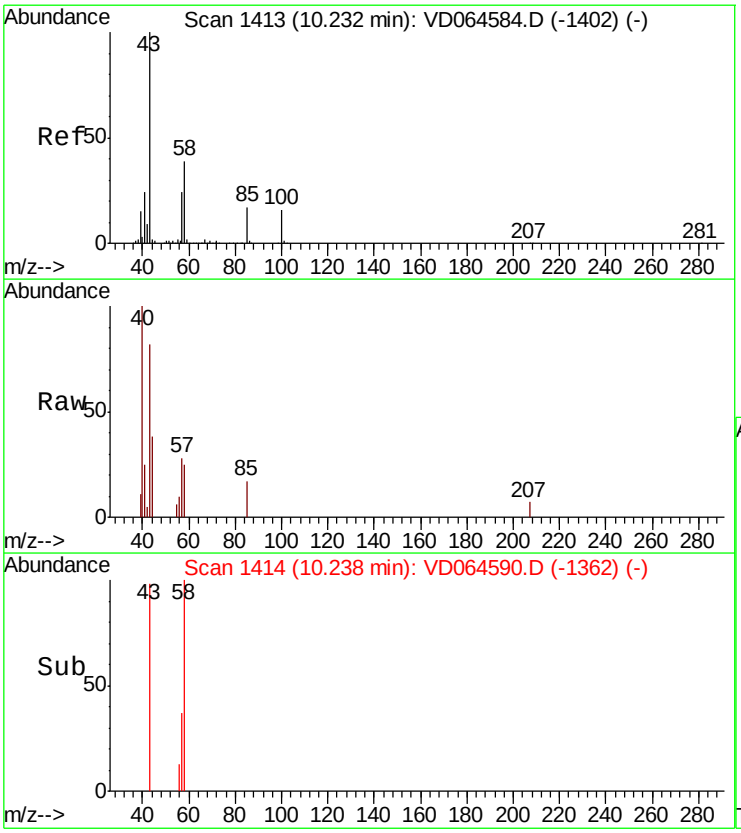
#50
Toluene-d8
Concen: 51.888 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064590.D
Acq: 26 Dec 2019 10:40

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 951473

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.7	77.5

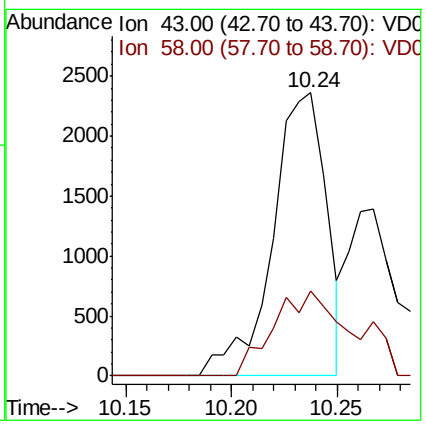


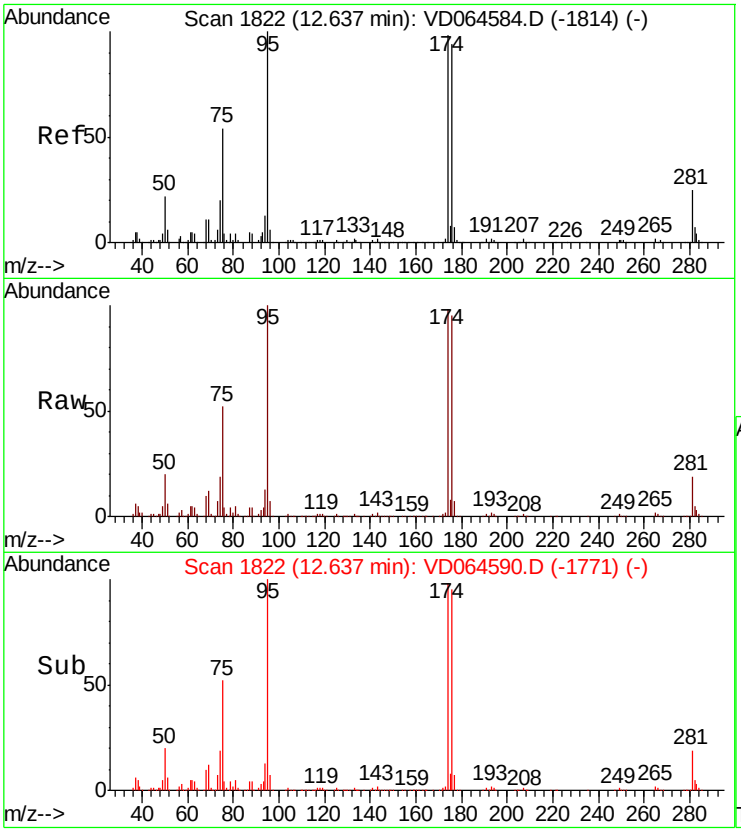


#51
4-Methyl-2-Pentanone
Concen: 1.450 ug/l
RT: 10.24 min Scan# 1414
Delta R.T. 0.01 min
Lab File: VD064590.D
Acq: 26 Dec 2019 10:40

Tgt Ion: 43 Resp: 4209

Ion	Ratio	Lower	Upper
43	100		
58	43.7	30.2	45.2



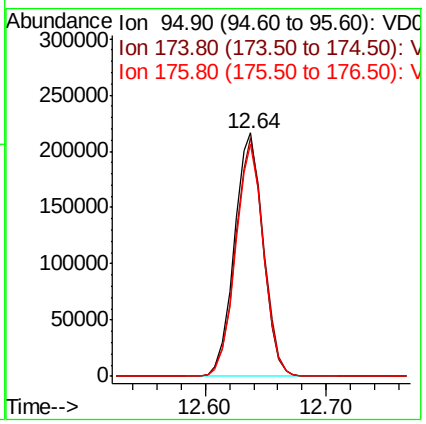


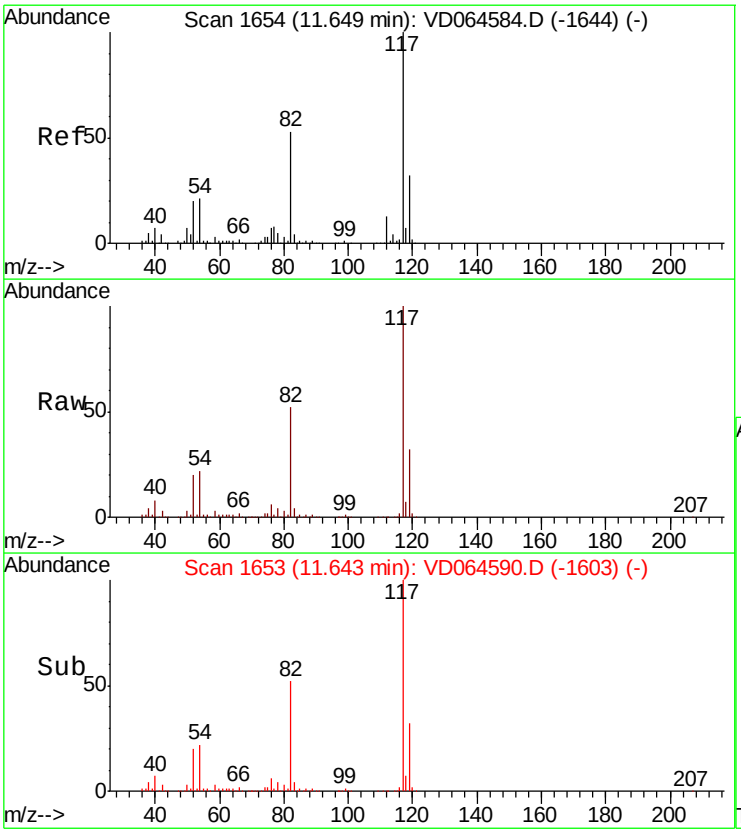
#62
4-Bromofluorobenzene
Concen: 61.598 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064590.D
Acq: 26 Dec 2019 10:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 357173

Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	193.2
176	93.0	0.0	184.2

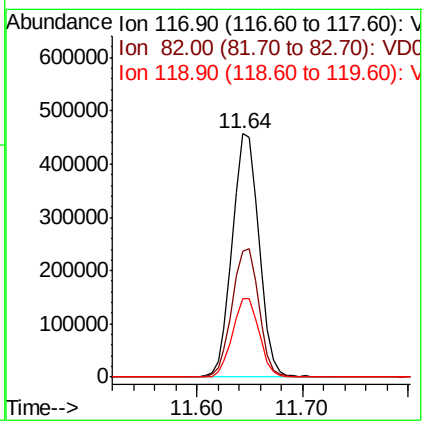


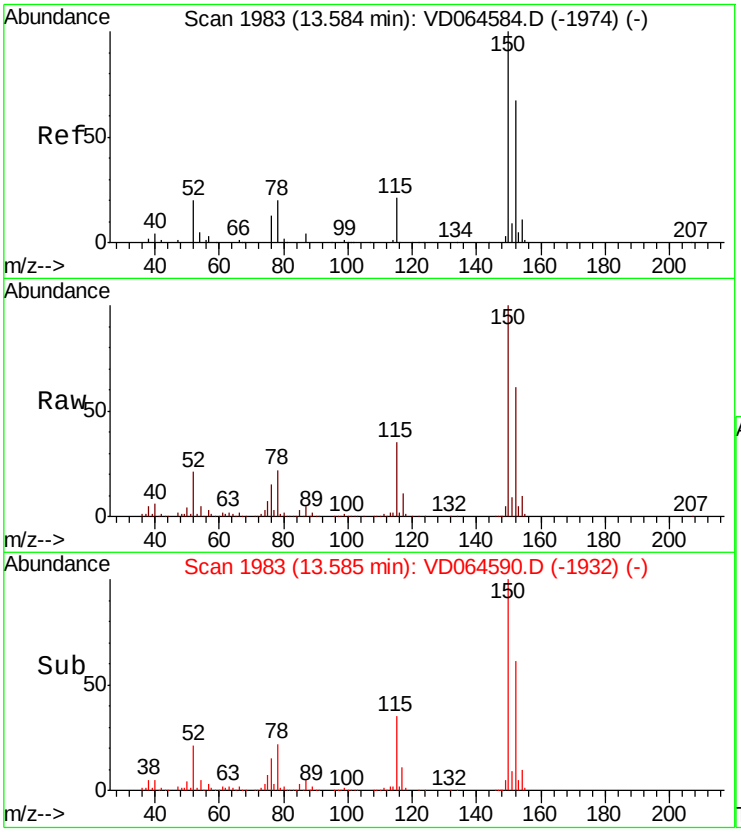


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064590.D
Acq: 26 Dec 2019 10:40

Tgt Ion:117 Resp: 800483

Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.2	63.4
119	32.0	26.0	39.0



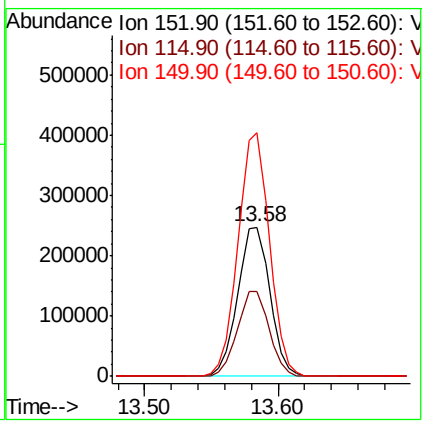


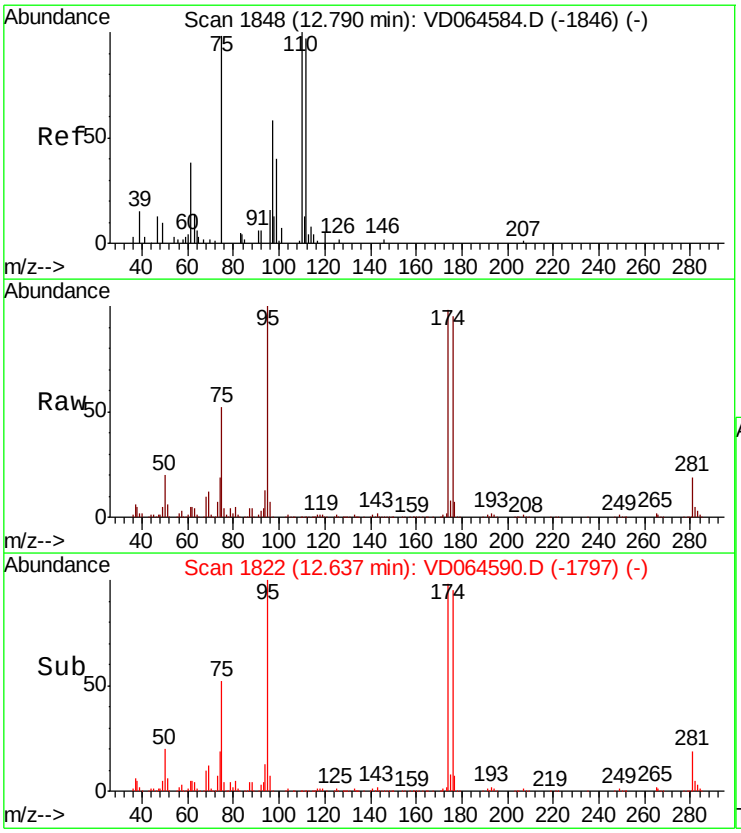
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064590.D
Acq: 26 Dec 2019 10:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 411061

Ion	Ratio	Lower	Upper
152	100		
115	56.1	27.8	83.4
150	159.4	0.0	351.4

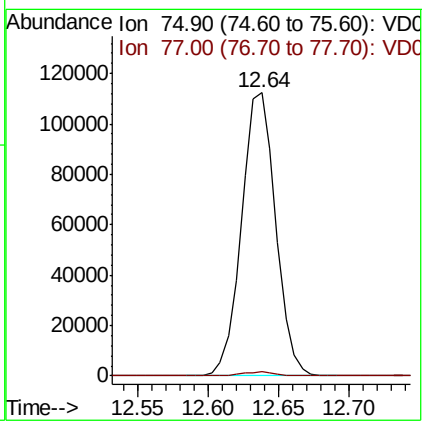


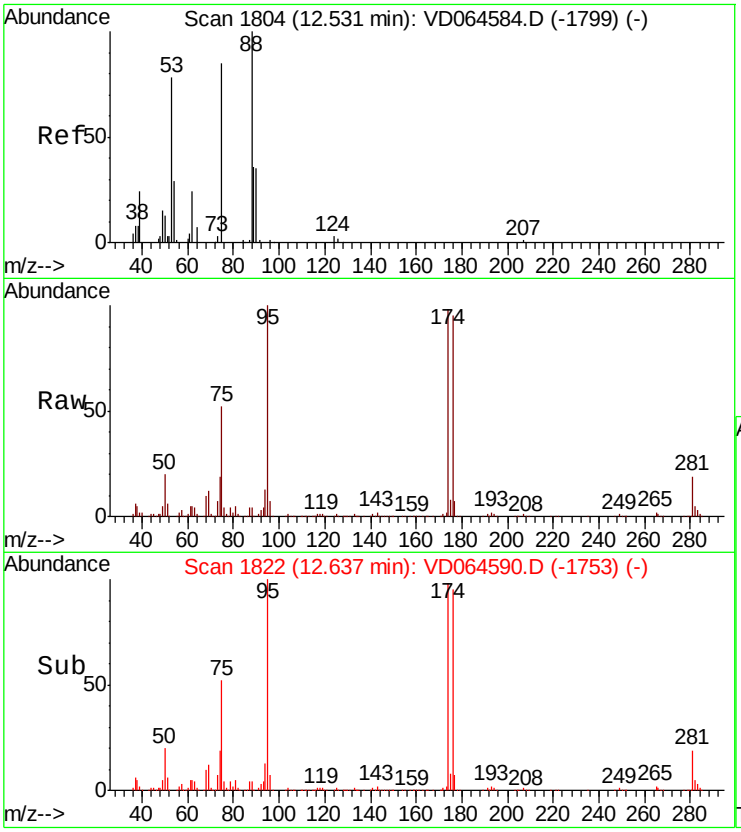


#76
1,2,3-Trichloropropane
Concen: 58.691 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064590.D
Acq: 26 Dec 2019 10:40

Tgt Ion: 75 Resp: 190512

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 122.751 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD064590.D
Acq: 26 Dec 2019 10:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 190512

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.8	118.2#
89	0.2	38.3	57.5#