Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121319\
Data File : VD064510.D
Acq On : 13 Dec 2019 16:51
Operator : VA/SY
Sample : K6110-01
Misc : 11.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HD-02-121219

Quant Time: Dec 13 22:53:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.98	168	379730	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.87	114	592860	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.65	117	553891	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	259409	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.33	65	167121	48.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.24%				
35) Dibromofluoromethane	7.91	113	184818	49.48	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.96%				
50) Toluene-d8	10.34	98	695084	49.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.80%				
62) 4-Bromofluorobenzene	12.64	95	240066	53.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.18%				
Target Compounds							Qvalue
16) Acetone	4.17	43	16649	23.970	ug/l		96
18) Methyl Acetate	4.73	43	3059	1.510	ug/l	#	64
20) Methylene Chloride	4.96	84	26665	3.412	ug/l	#	83
25) 2-Butanone	7.22	43	1078	1.097	ug/l	#	49
30) Chloroform	7.71	83	17458	2.658	ug/l		92
31) Cyclohexane	7.97	56	10716	Below Cal		#	45
39) Methylcyclohexane	9.36	83	7305	1.050	ug/l	#	87
49) 1,4-Dioxane	9.48	88	55	2.119	ug/l	#	25
55) 1,1,2-Trichloroethane	10.78	97	10445	3.628	ug/l	#	22
59) 2-Hexanone	10.96	43	17860	11.119	ug/l	#	27
67) Ethyl Benzene	11.74	91	30776	1.497	ug/l		95
68) m/p-Xylenes	11.86	106	17316	2.209	ug/l		95
69) o-Xylene	12.18	106	38075	5.260	ug/l		97
73) Isopropylbenzene	12.48	105	34619	1.856	ug/l		96
74) N-amyl acetate	12.27	43	51875	12.251	ug/l	#	71
75) 1,1,2,2-Tetrachloroethane	12.71	83	3097	1.004	ug/l	#	5
76) 1,2,3-Trichloropropane	12.64	75	126653	59.370	ug/l	#	100
78) n-propylbenzene	12.83	91	86392	4.013	ug/l		98
79) 2-Chlorotoluene	12.92	91	15718	1.327	ug/l	#	54
80) 1,3,5-Trimethylbenzene	12.96	105	131793	8.644	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.64	75	126653	129.457	ug/l	#	9
84) 1,2,4-Trimethylbenzene	13.27	105	99496	6.490	ug/l		99
85) sec-Butylbenzene	13.41	105	78892	4.337	ug/l		90
86) p-Isopropyltoluene	13.52	119	49674	2.892	ug/l		98
89) n-Butylbenzene	13.85	91	119430	7.657	ug/l	#	71
90) Hexachloroethane	14.13	117	21169	6.590	ug/l	#	10
95) Naphthalene	15.41	128	20479	2.144	ug/l	#	87
96) 1,2,3-Trichlorobenzene	15.63	180	6087	1.246	ug/l	#	23

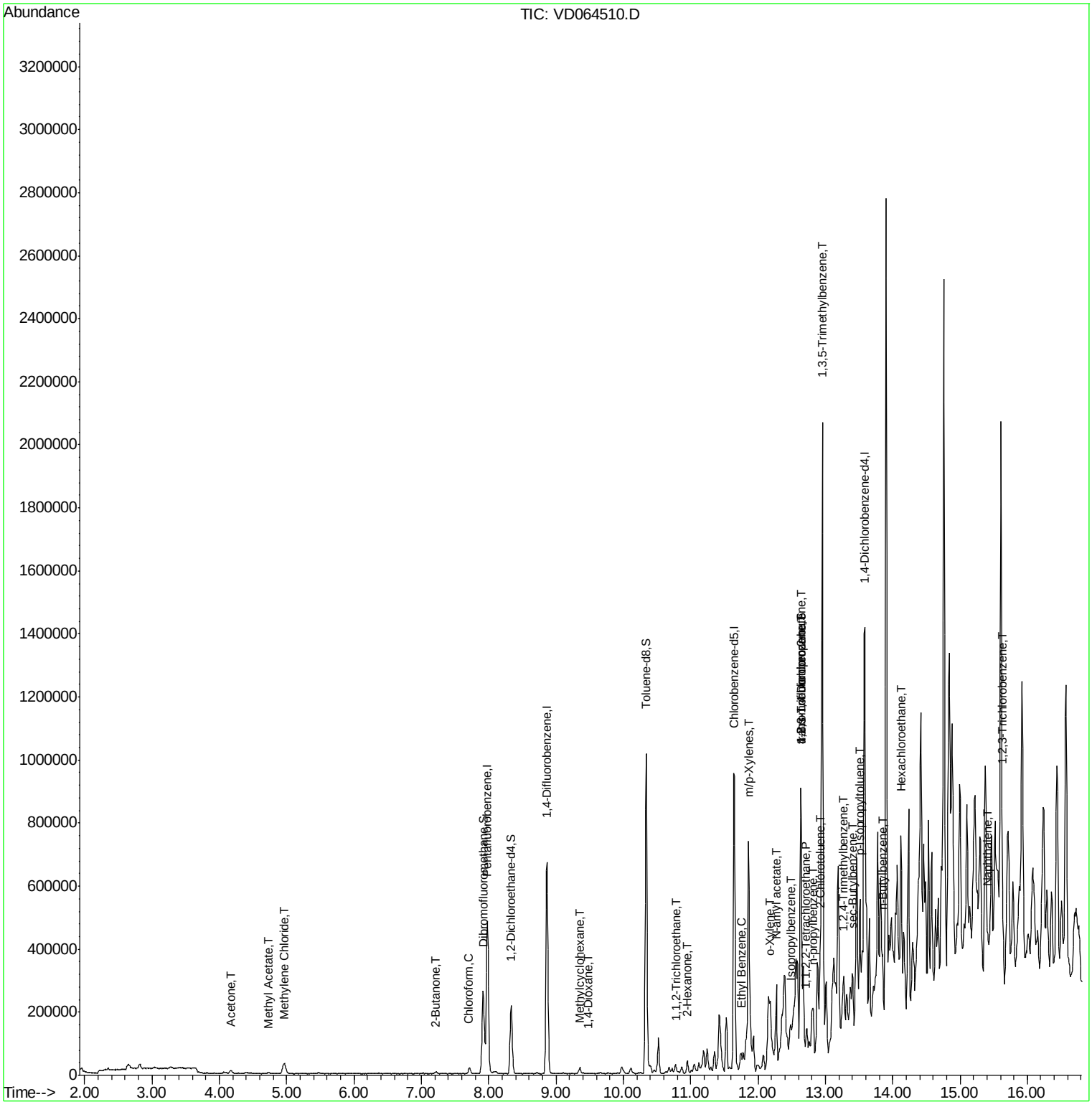
(#) = qualifier out of range (m) = manual integration (+) = signals summed

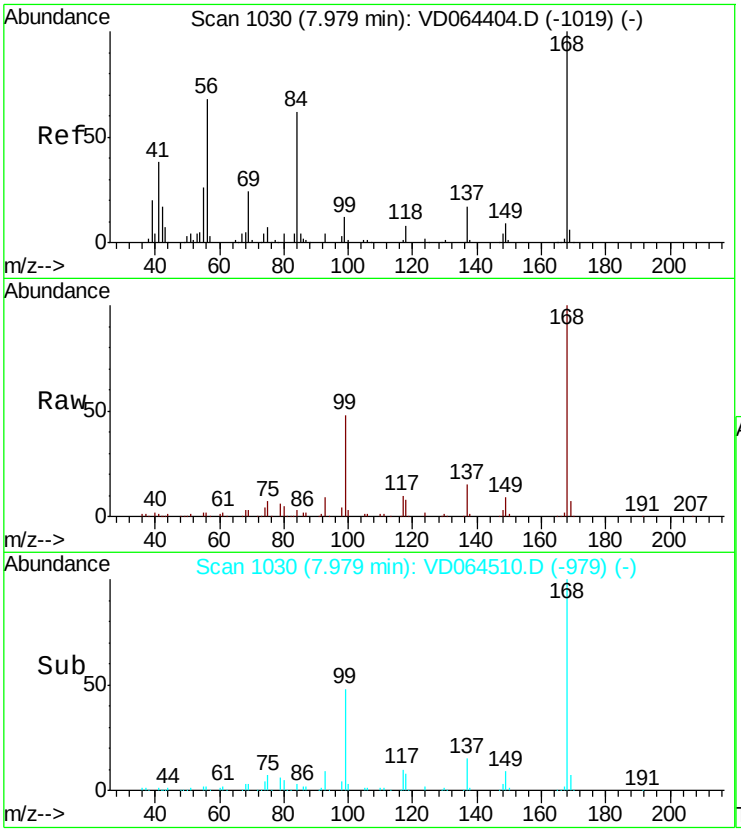
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121319\
Data File : VD064510.D
Acq On : 13 Dec 2019 16:51
Operator : VA/SY
Sample : K6110-01
Misc : 11.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HD-02-121219

Quant Time: Dec 13 22:53:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration



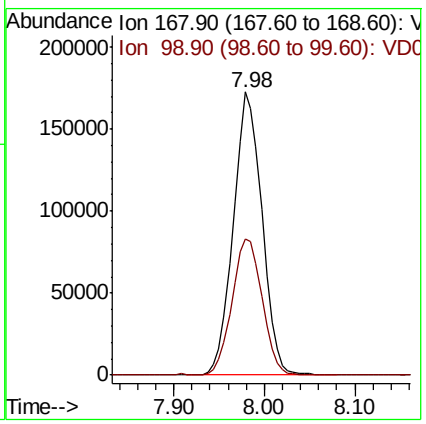


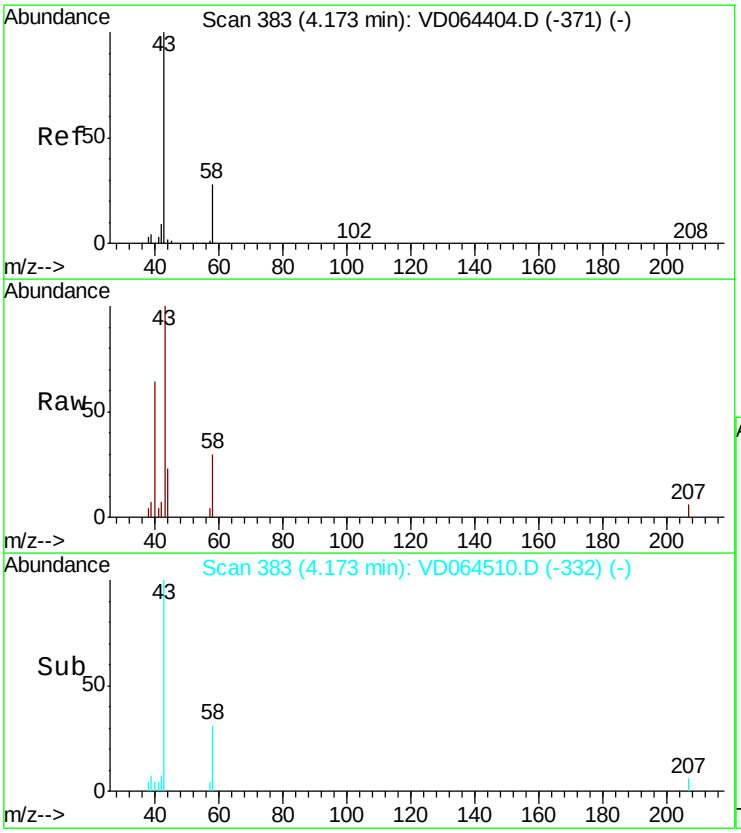
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :
HD-02-121219

Tgt Ion:168 Resp: 379730

Ion	Ratio	Lower	Upper
168	100		
99	47.9	40.7	61.1

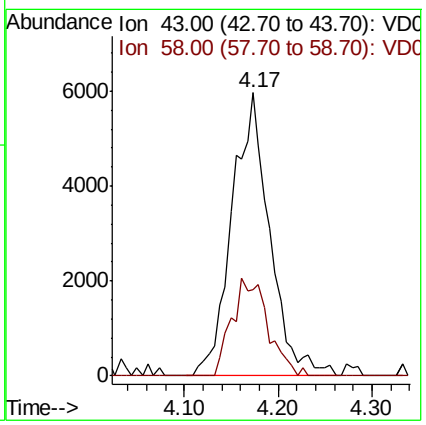


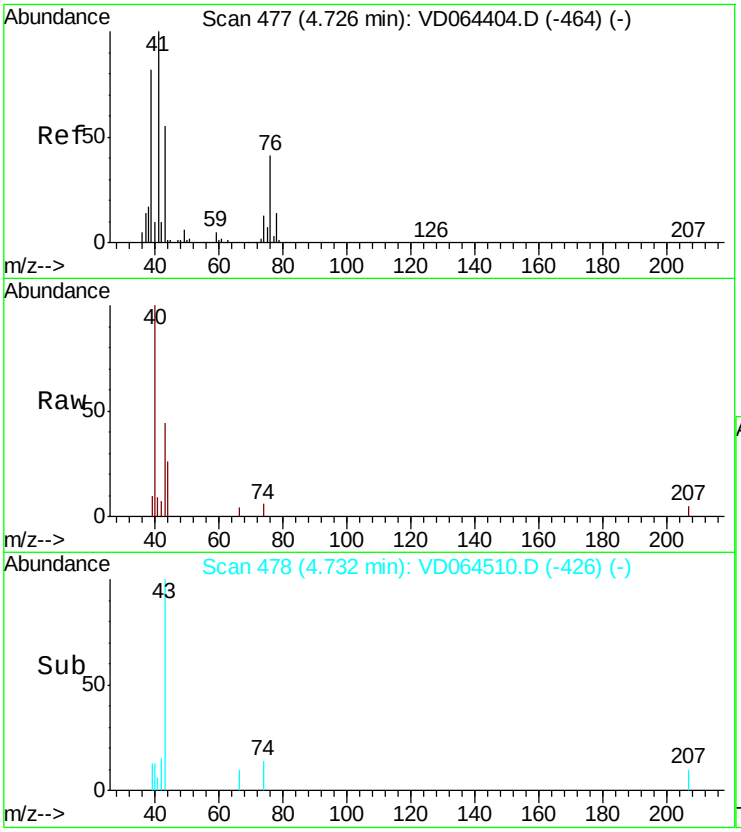


#16
Acetone
Concen: 23.970 ug/l
RT: 4.17 min Scan# 383
Delta R.T. 0.00 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Tgt Ion: 43 Resp: 16649

Ion	Ratio	Lower	Upper
43	100		
58	30.4	22.6	33.8



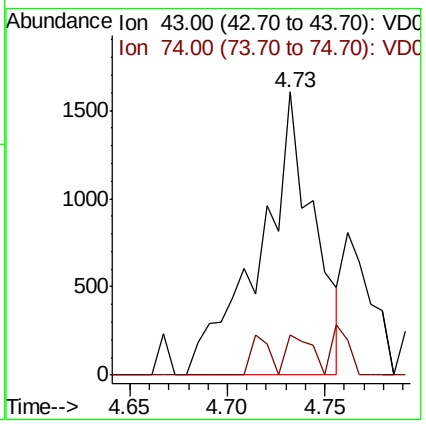


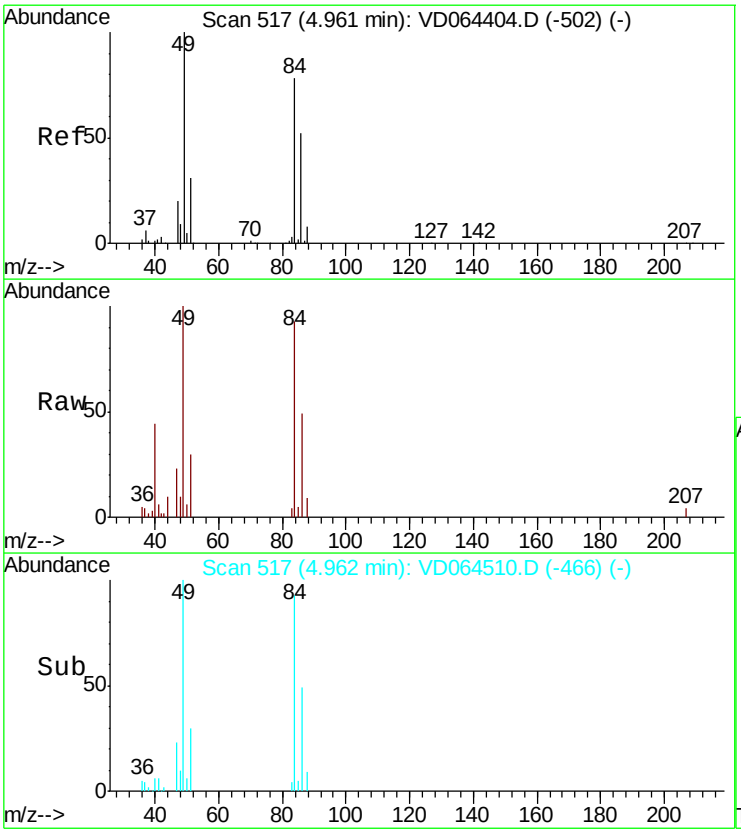
#18
Methyl Acetate
Concen: 1.510 ug/l
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Instrument : MSVOA_D
ClientSampleId : HD-02-121219

Tgt Ion: 43 Resp: 3059

Ion	Ratio	Lower	Upper
43	100		
74	6.8	19.7	29.5#

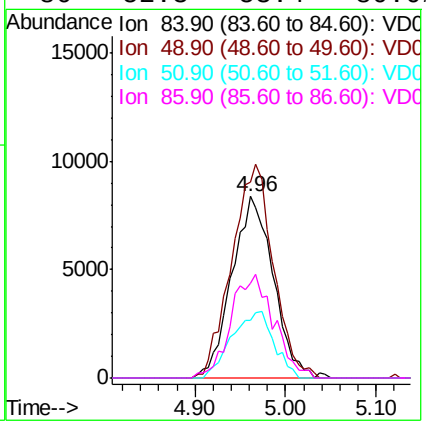


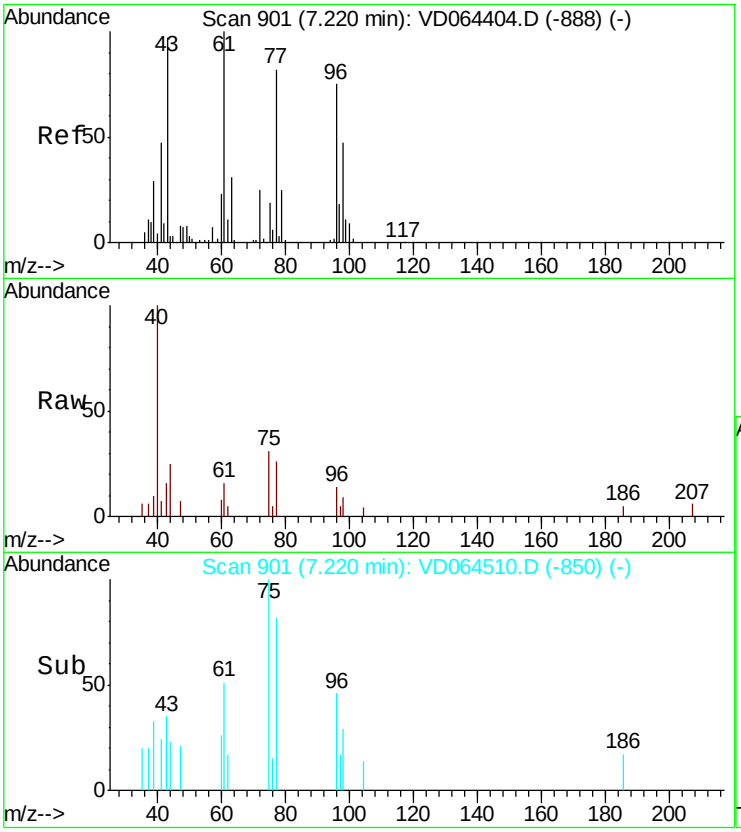


#20
Methylene Chloride
Concen: 3.412 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Tgt Ion: 84 Resp: 26665

Ion	Ratio	Lower	Upper
84	100		
49	107.8	102.6	153.8
51	32.0	32.0	48.0
86	52.3	53.4	80.0#



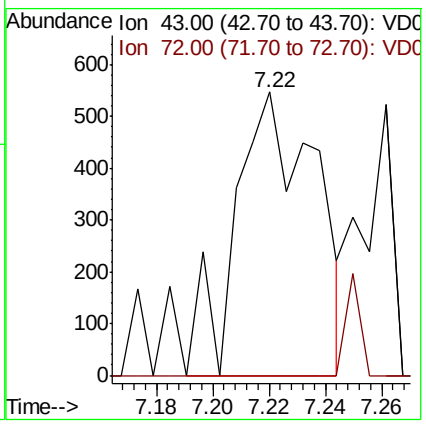


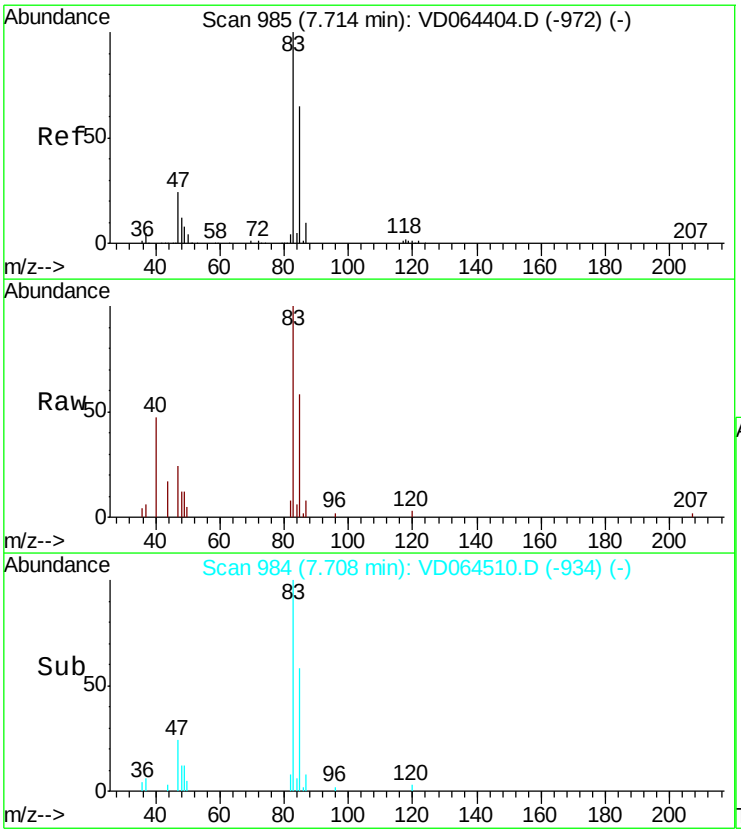
#25
2-Butanone
Concen: 1.097 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :
HD-02-121219

Tgt Ion: 43 Resp: 1078

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#

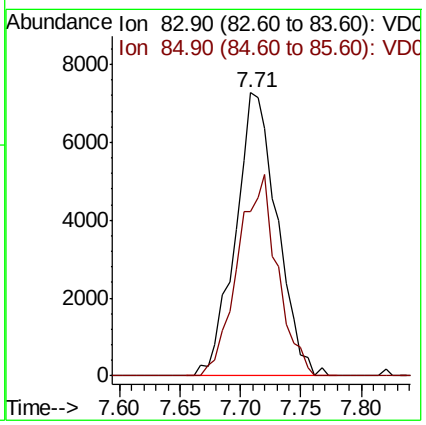


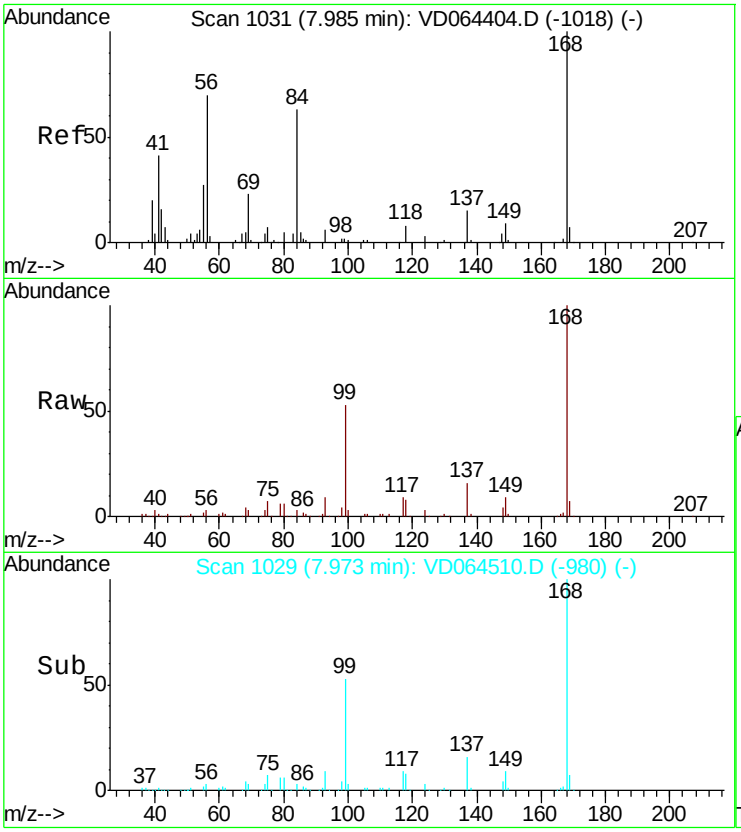


#30
Chloroform
Concen: 2.658 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Tgt Ion: 83 Resp: 17458

Ion	Ratio	Lower	Upper
83	100		
85	58.1	51.8	77.6



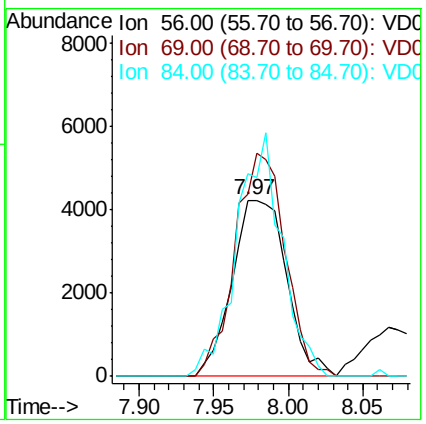


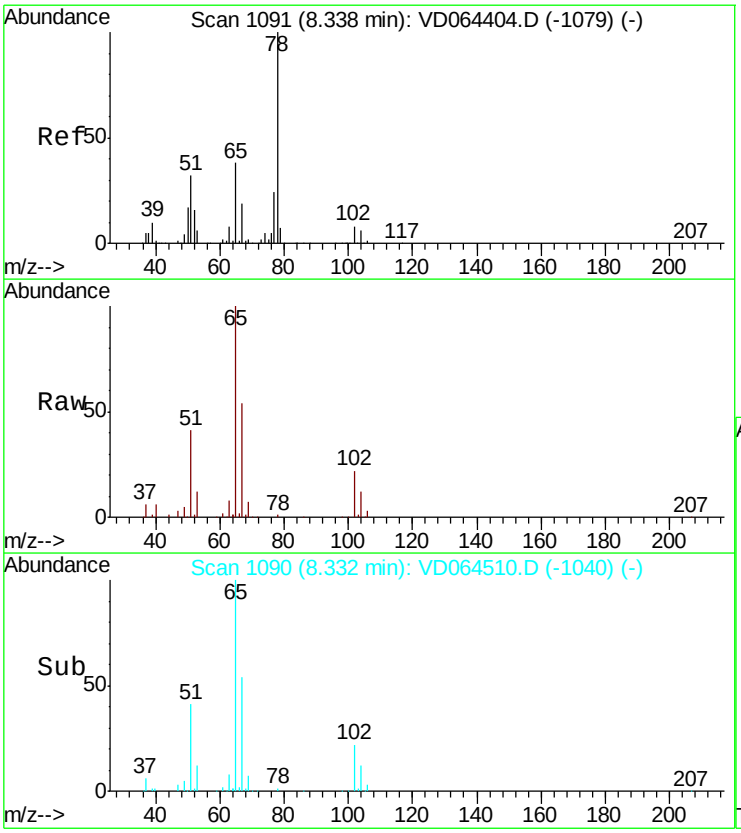
#31
Cyclohexane
Concen: Below Cal
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :
HD-02-121219

Tgt Ion: 56 Resp: 10716

Ion	Ratio	Lower	Upper
56	100		
69	103.5	26.2	39.4#
84	114.9	70.3	105.5#

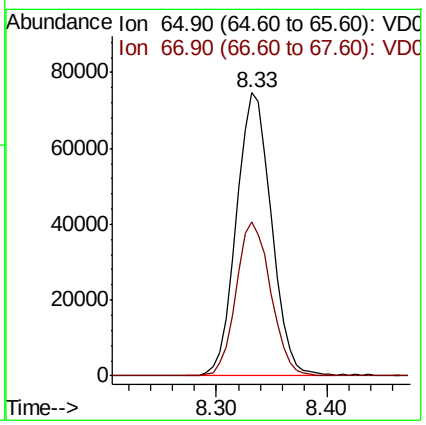


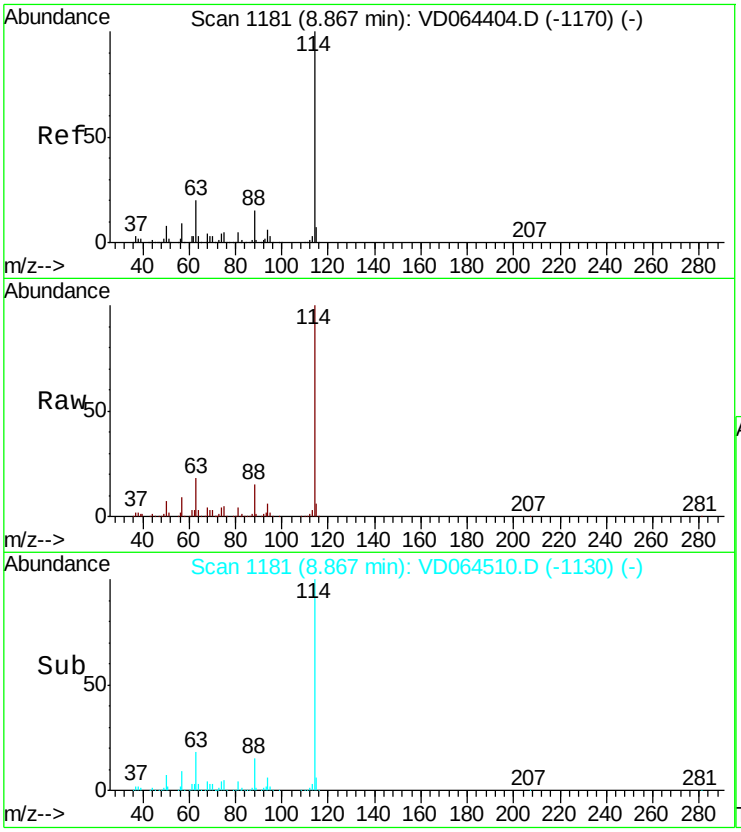


#33
1,2-Dichloroethane-d4
Concen: 48.623 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Tgt Ion: 65 Resp: 167121

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	102.0



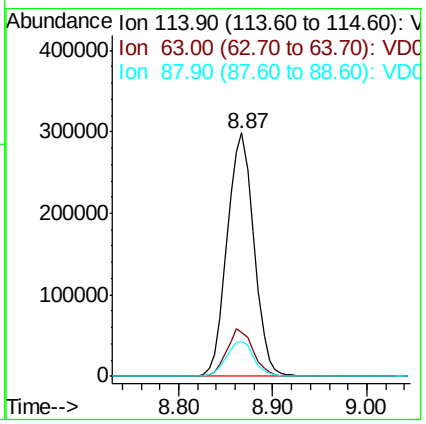


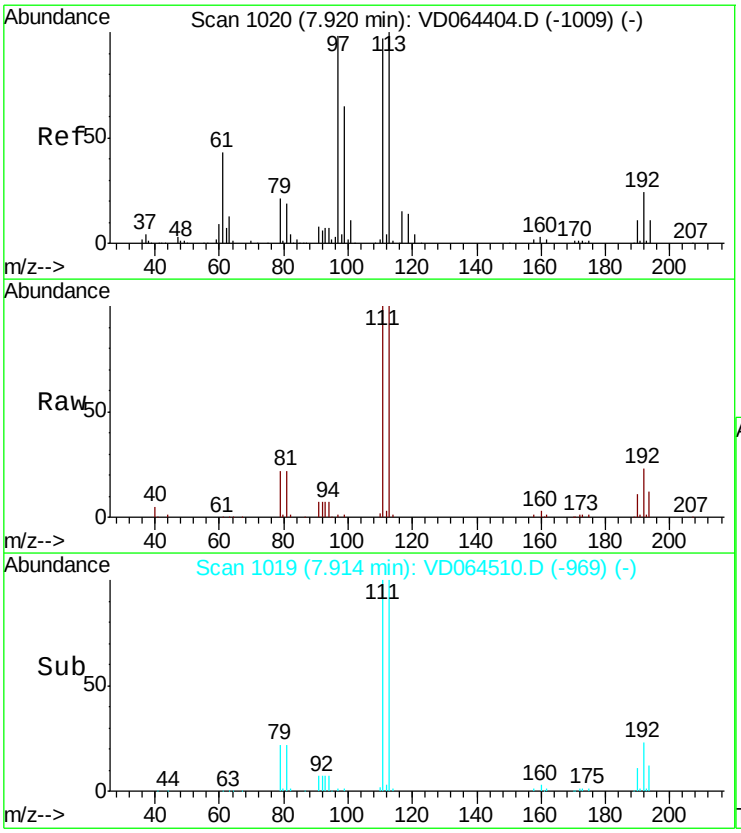
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Instrument : MSVOA_D
ClientSampleId : HD-02-121219

Tgt Ion:114 Resp: 592860

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	40.0
88	14.5	0.0	29.2

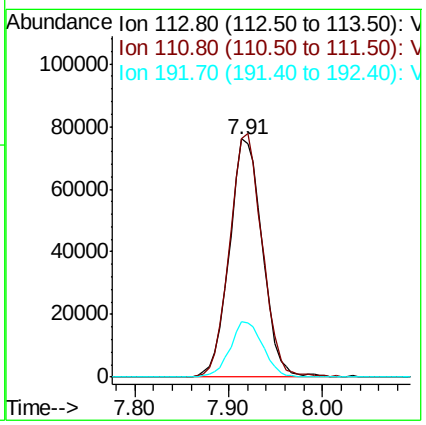


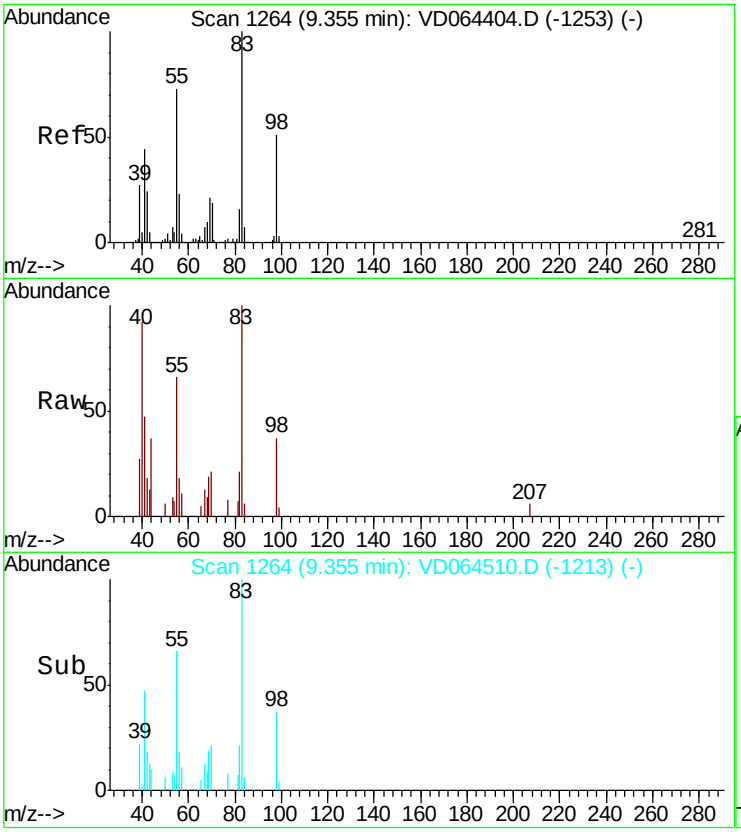


#35
Dibromofluoromethane
Concen: 49.479 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Tgt Ion:113 Resp: 184818

Ion	Ratio	Lower	Upper
113	100		
111	101.2	79.4	119.2
192	23.0	18.6	28.0



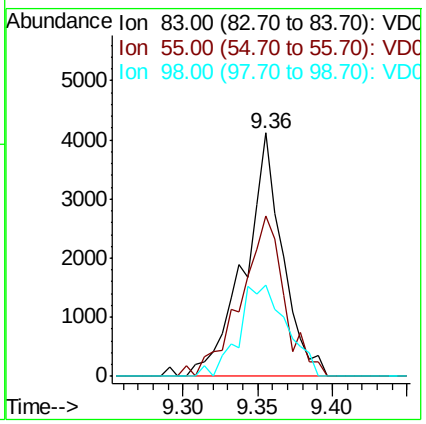


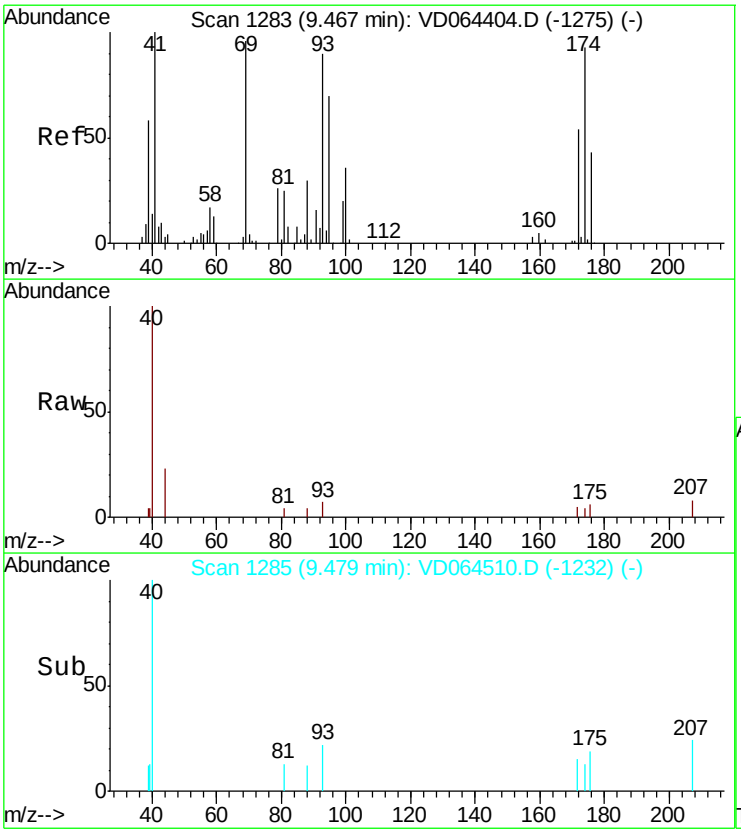
#39
Methylcyclohexane
Concen: 1.050 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Instrument : MSVOA_D
ClientSampleId : HD-02-121219

Tgt Ion: 83 Resp: 7305

Ion	Ratio	Lower	Upper
83	100		
55	65.9	58.6	87.8
98	37.4	40.9	61.3#

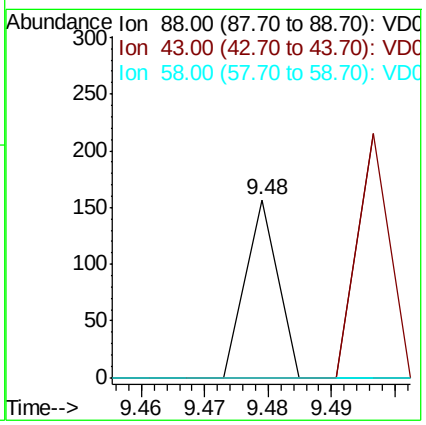


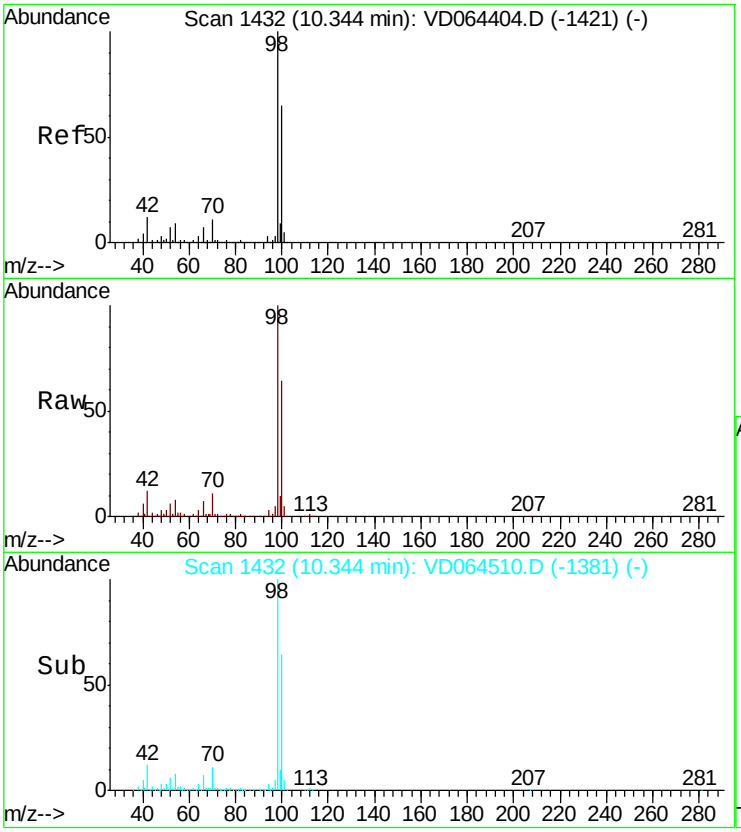


#49
1,4-Dioxane
Concen: 2.119 ug/l
RT: 9.48 min Scan# 1285
Delta R.T. 0.01 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Tgt Ion: 88 Resp: 55

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.7	40.1#
58	0.0	52.3	78.5#



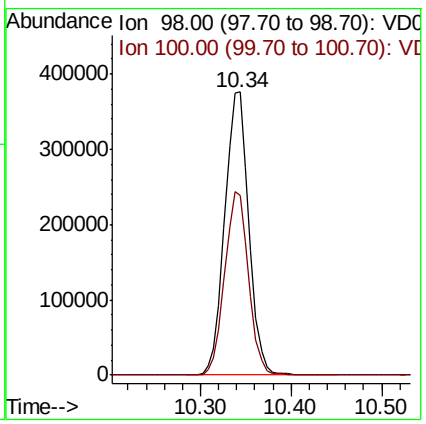


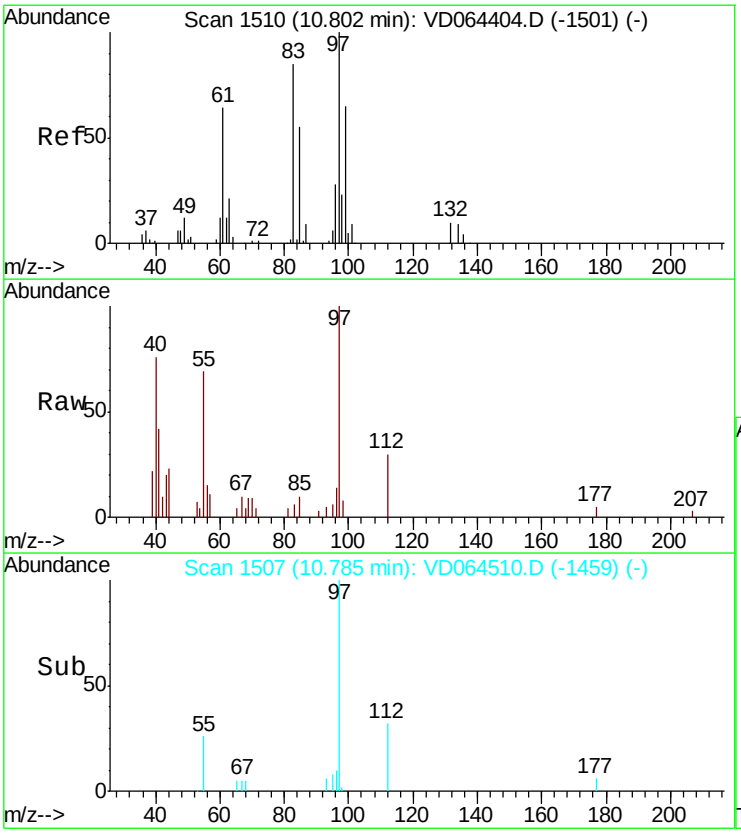
#50
Toluene-d8
Concen: 49.400 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Instrument : MSVOA_D
ClientSampleId : HD-02-121219

Tgt Ion: 98 Resp: 695084

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.6	79.0

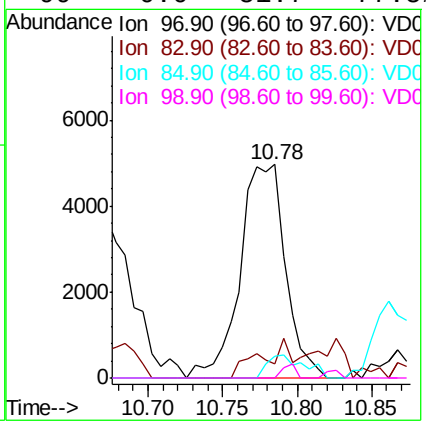


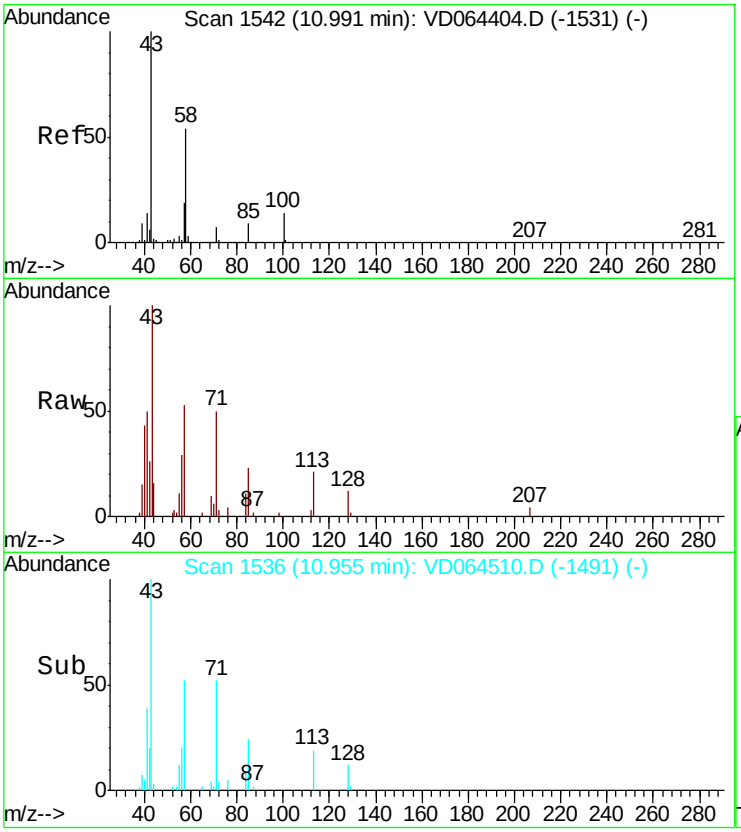


#55
1,1,2-Trichloroethane
Concen: 3.628 ug/l
RT: 10.78 min Scan# 1507
Delta R.T. -0.02 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Tgt Ion: 97 Resp: 10445

Ion	Ratio	Lower	Upper
97	100		
83	6.4	67.8	101.8#
85	10.1	43.7	65.5#
99	0.0	51.7	77.5#



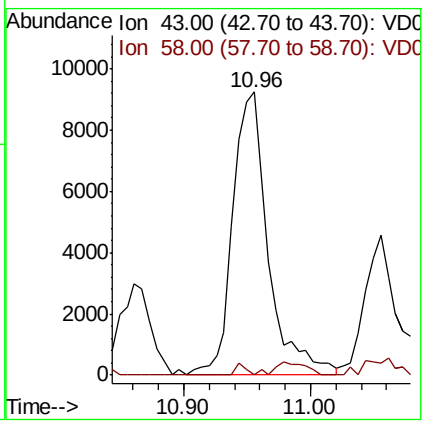


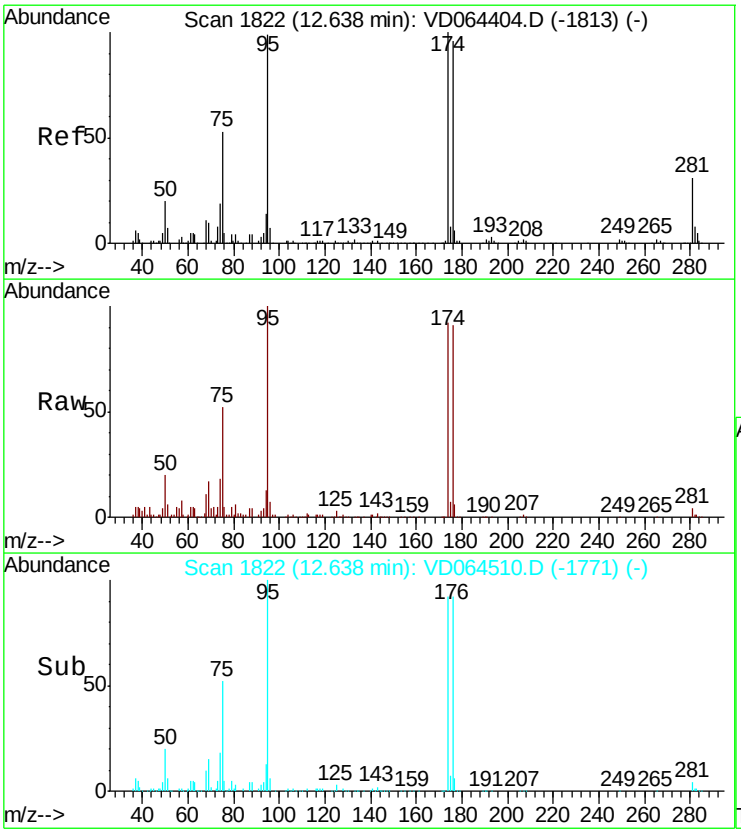
#59
2-Hexanone
Concen: 11.119 ug/l
RT: 10.96 min Scan# 1536
Delta R.T. -0.04 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Instrument : MSVOA_D
ClientSampleId : HD-02-121219

Tgt Ion: 43 Resp: 17860

Ion	Ratio	Lower	Upper
43	100		
58	1.1	26.3	78.8#

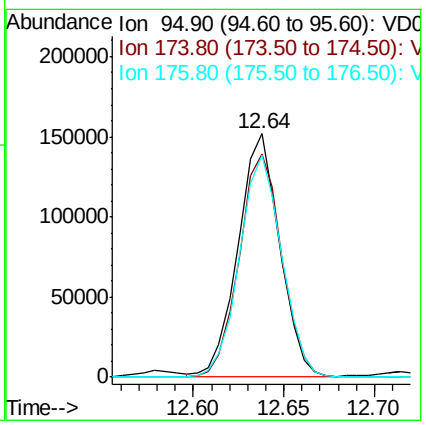


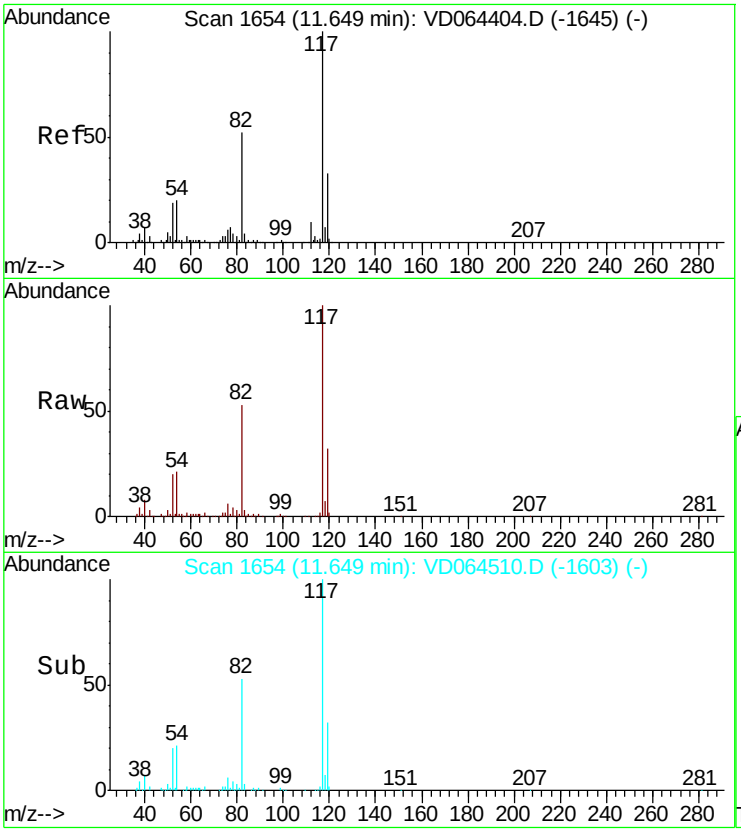


#62
4-Bromofluorobenzene
Concen: 53.090 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Tgt Ion: 95 Resp: 240066

Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	197.2
176	93.1	0.0	189.6



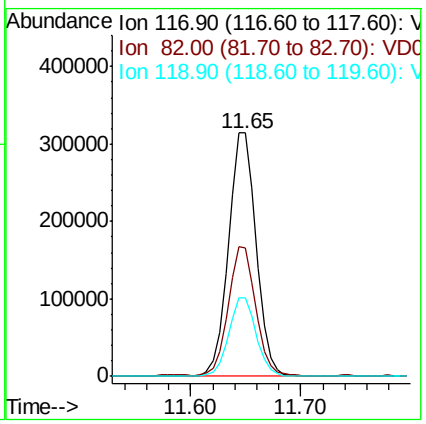


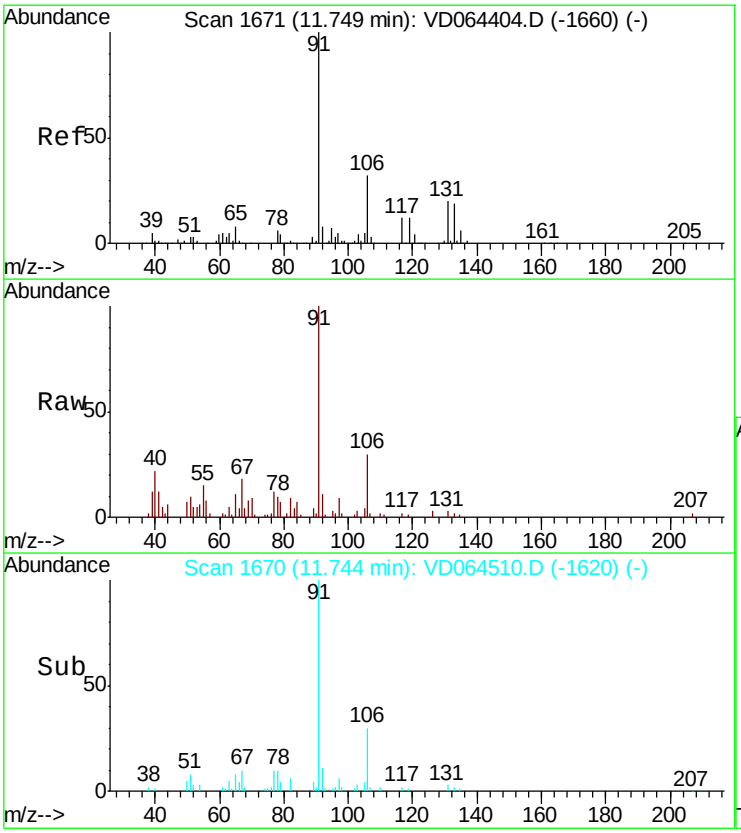
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Instrument : MSVOA_D
ClientSampleId : HD-02-121219

Tgt Ion:117 Resp: 553891

Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.4	62.2
119	32.3	26.2	39.2

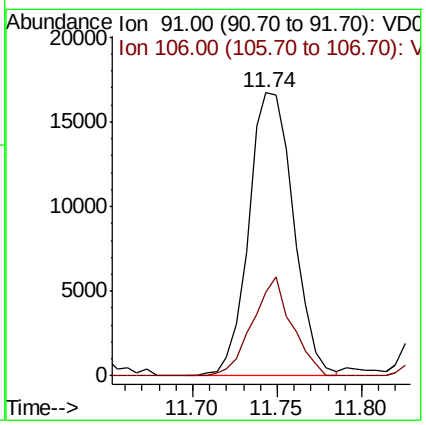


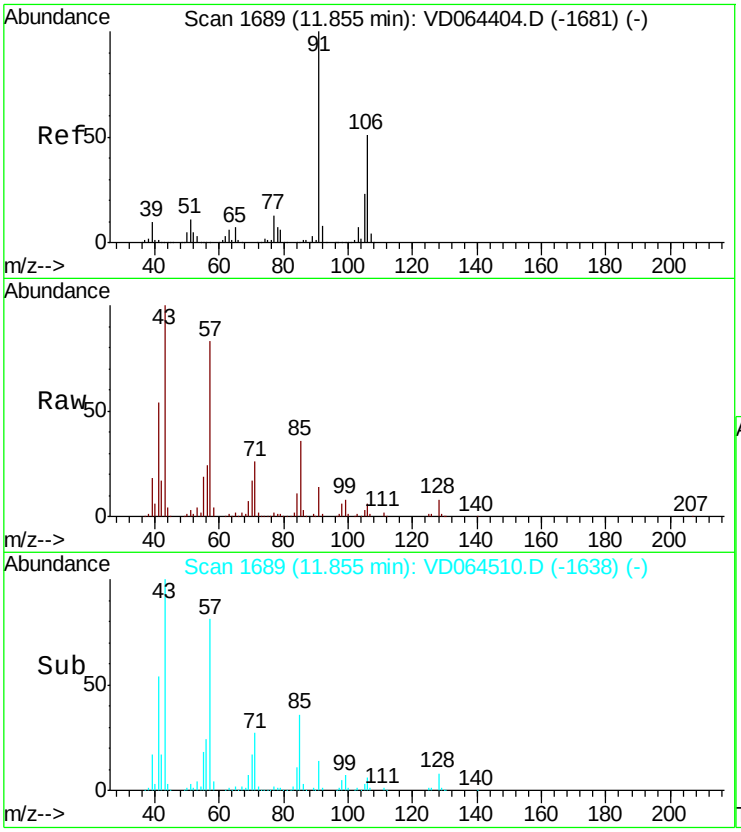


#67
Ethyl Benzene
Concen: 1.497 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Tgt Ion: 91 Resp: 30776

Ion	Ratio	Lower	Upper
91	100		
106	29.8	25.8	38.8



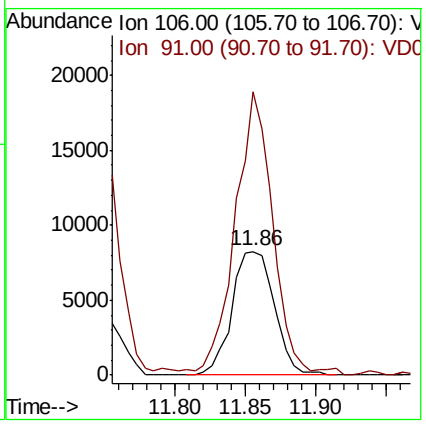


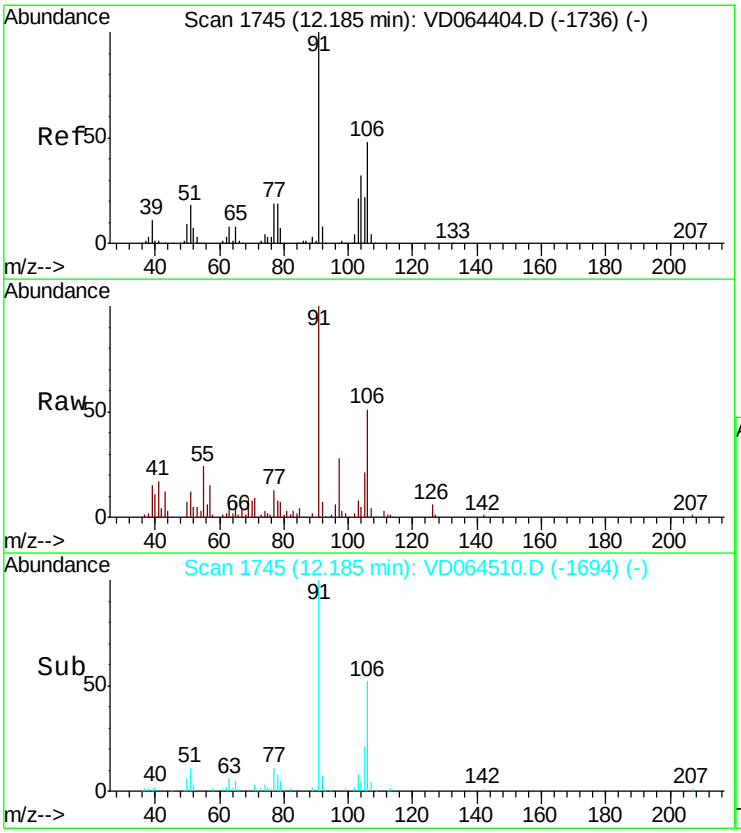
#68
m/p-Xylenes
Concen: 2.209 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Instrument : MSVOA_D
ClientSampleId : HD-02-121219

Tgt Ion:106 Resp: 17316

Ion	Ratio	Lower	Upper
106	100		
91	204.0	157.4	236.2

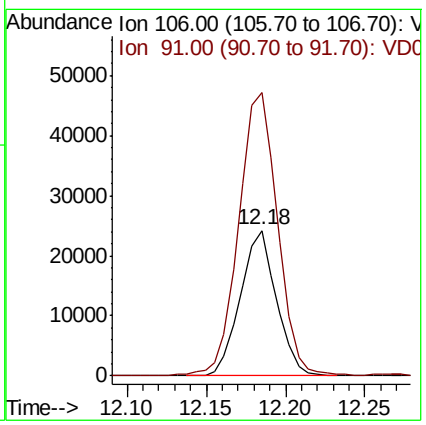


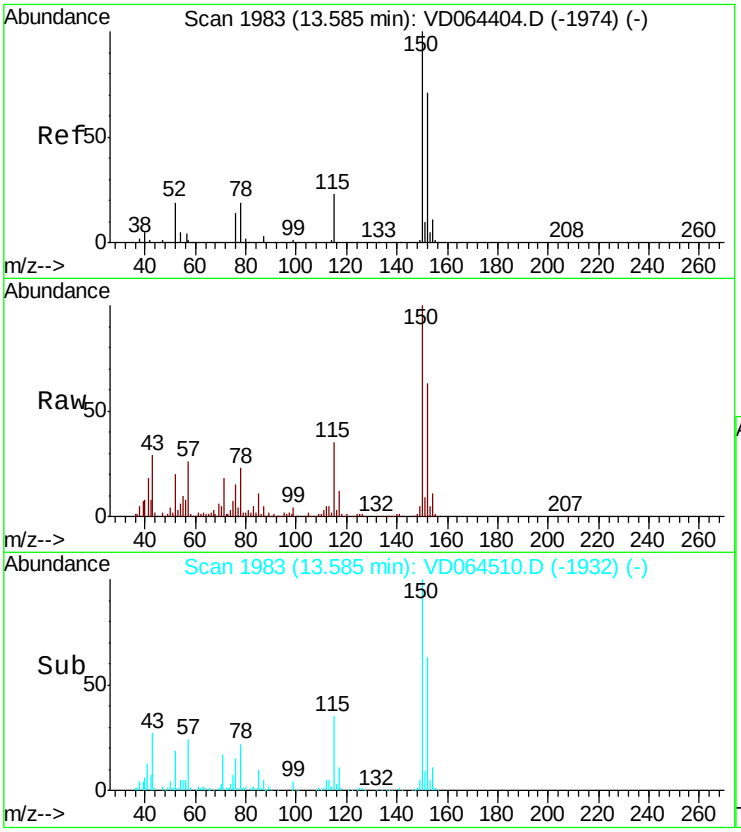


#69
o-Xylene
Concen: 5.260 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Tgt Ion:106 Resp: 38075

Ion	Ratio	Lower	Upper
106	100		
91	211.6	103.8	311.4



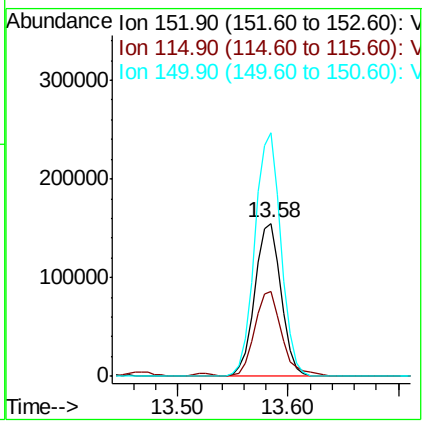


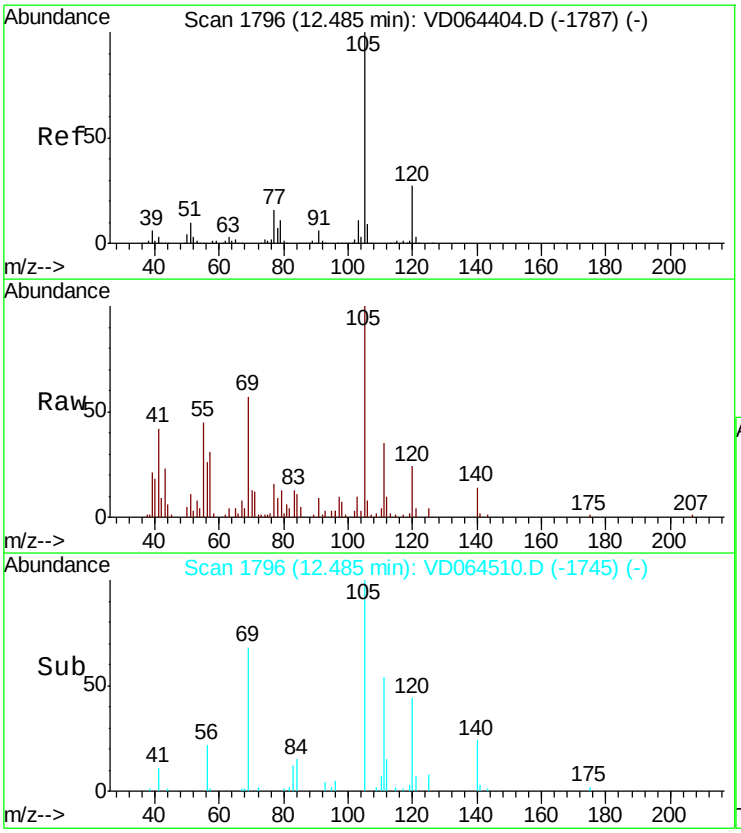
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :
HD-02-121219

Tgt Ion:152 Resp: 259409

Ion	Ratio	Lower	Upper
152	100		
115	57.7	26.7	80.1
150	157.6	0.0	347.2

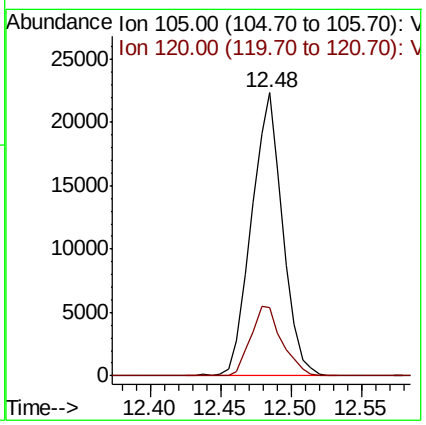


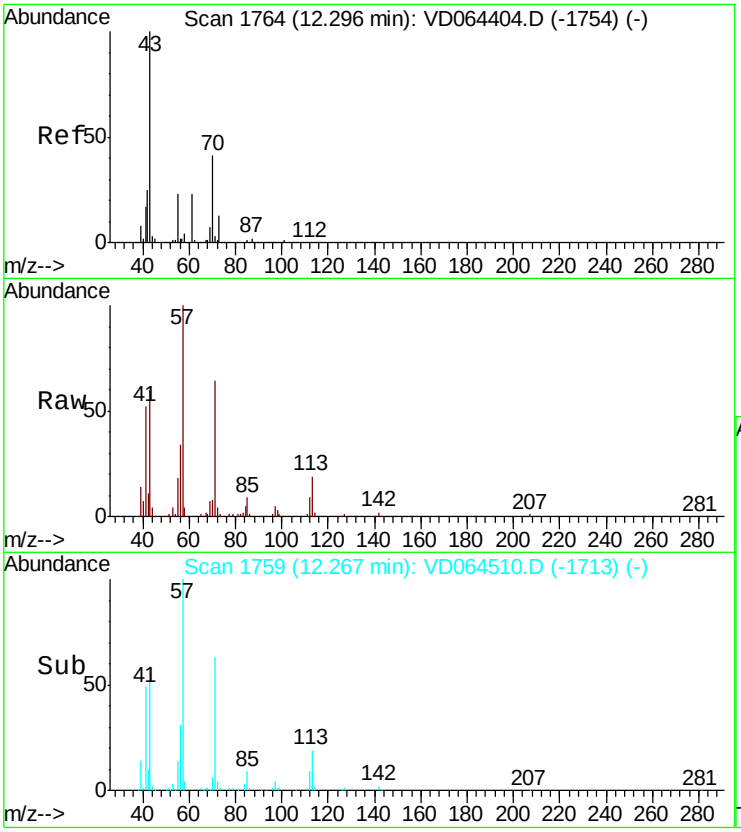


#73
Isopropylbenzene
Concen: 1.856 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Tgt Ion:105 Resp: 34619

Ion	Ratio	Lower	Upper
105	100		
120	24.7	13.4	40.2



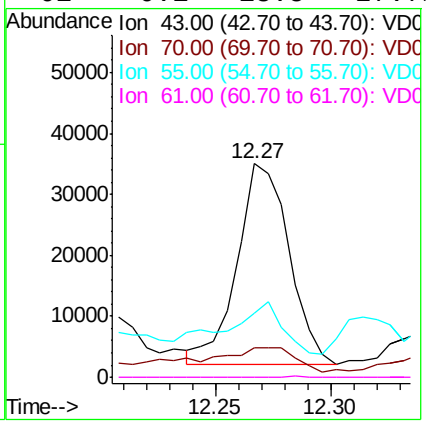


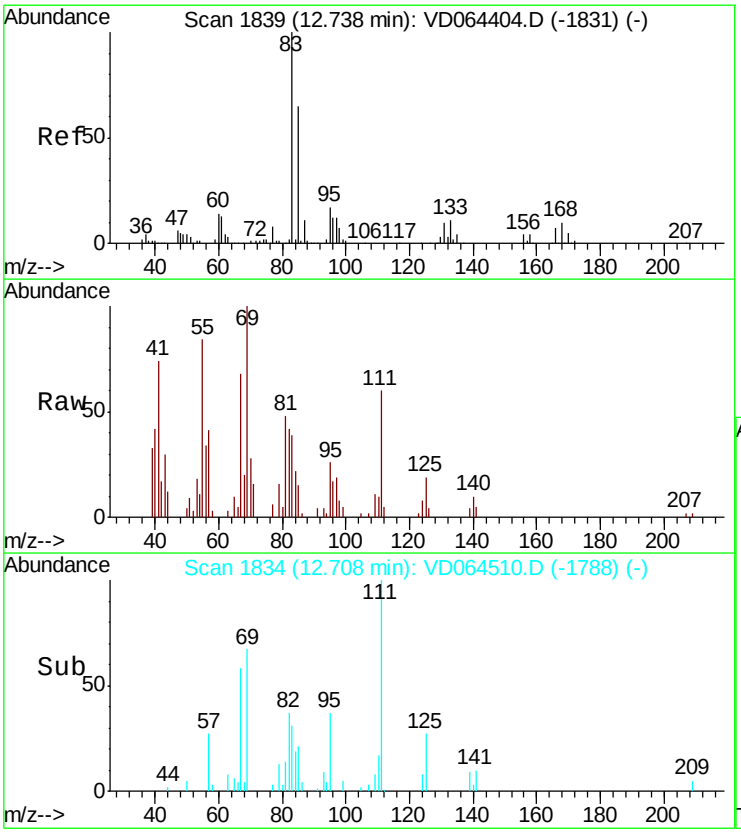
#74
N-amyl acetate
Concen: 12.251 ug/l
RT: 12.27 min Scan# 1759
Delta R.T. -0.03 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Instrument : MSVOA_D
ClientSampleId : HD-02-121219

Tgt Ion: 43 Resp: 51875

Ion	Ratio	Lower	Upper
43	100		
70	22.9	33.4	50.2#
55	28.9	18.9	28.3#
61	0.1	18.5	27.7#

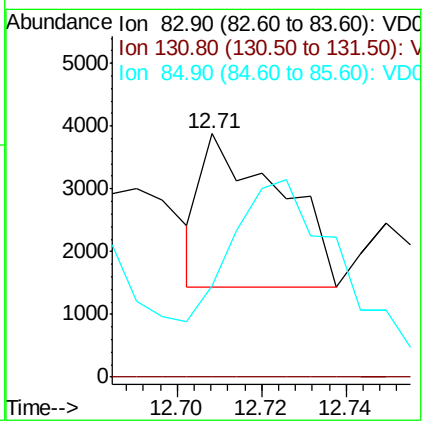


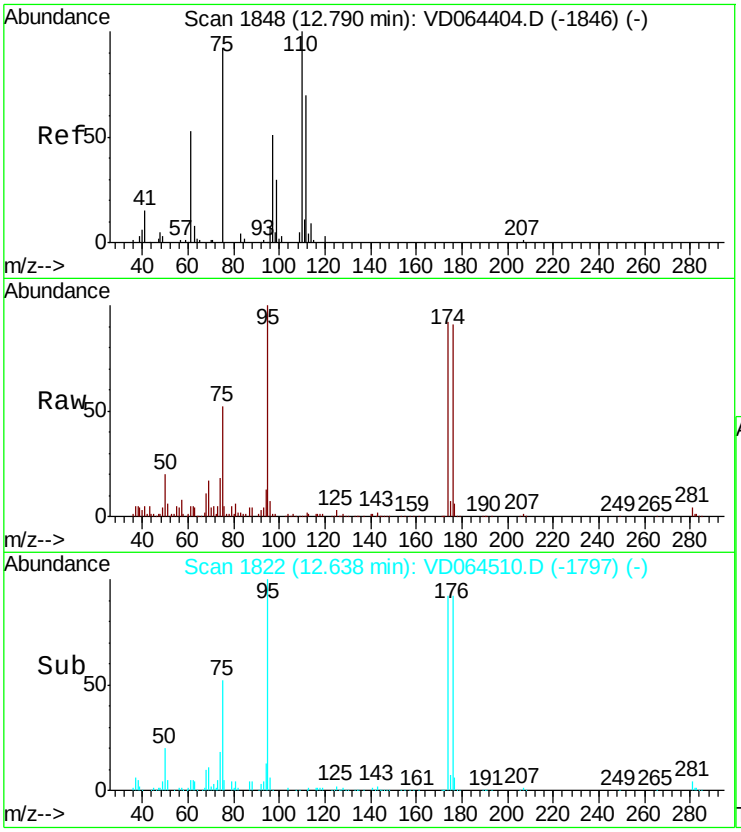


#75
1,1,2,2-Tetrachloroethane
Concen: 1.004 ug/l
RT: 12.71 min Scan# 1834
Delta R.T. -0.03 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Tgt Ion: 83 Resp: 3097

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.0#
85	144.9	31.3	93.9#



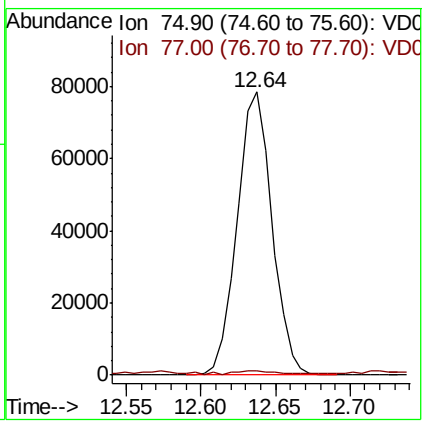


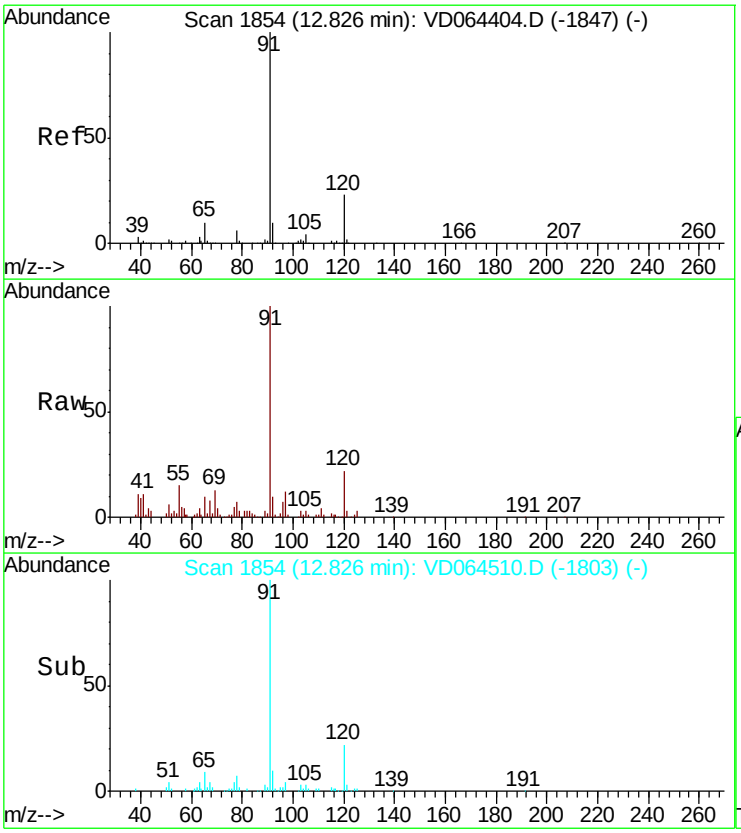
#76
1,2,3-Trichloropropane
Concen: 59.370 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :
HD-02-121219

Tgt Ion: 75 Resp: 126653

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#

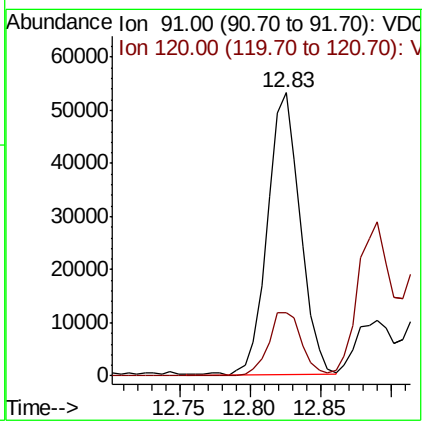


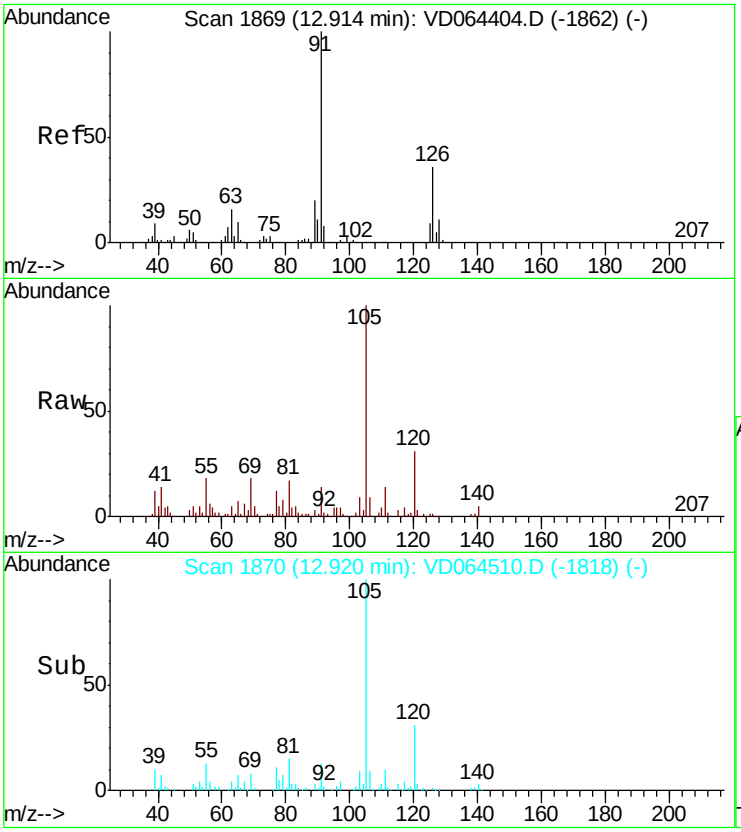


#78
n-propylbenzene
Concen: 4.013 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Tgt Ion: 91 Resp: 86392

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.9	35.9



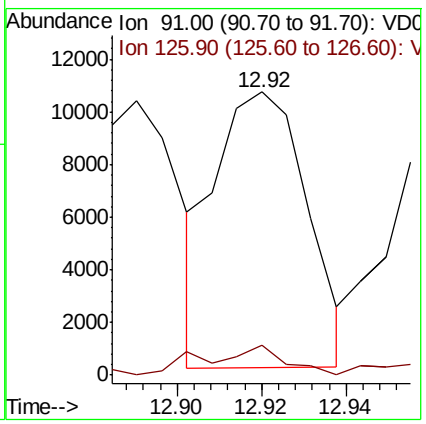


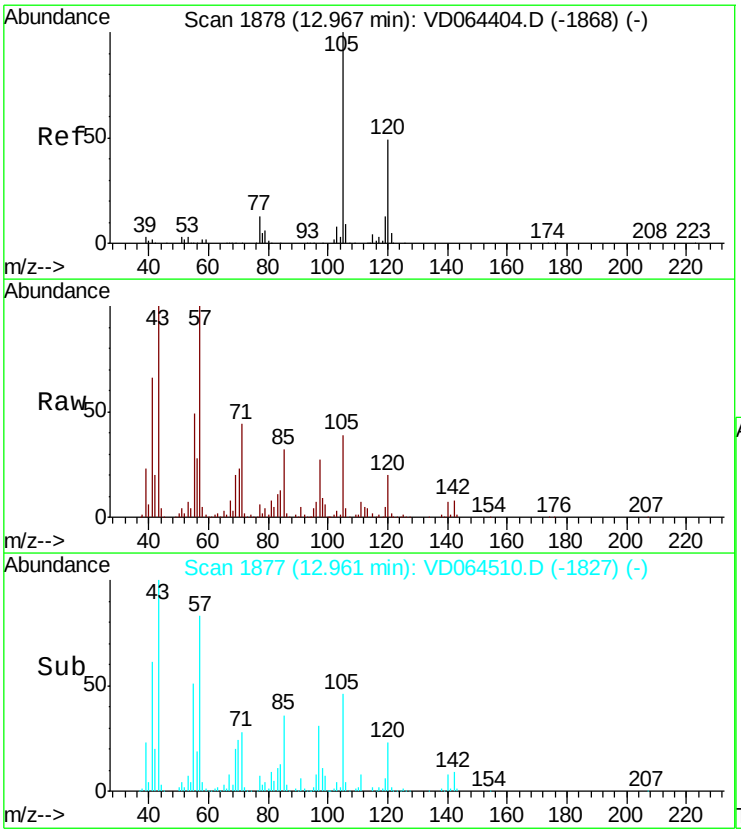
#79
2-Chlorotoluene
Concen: 1.327 ug/l
RT: 12.92 min Scan# 1870
Delta R.T. 0.01 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :
HD-02-121219

Tgt Ion: 91 Resp: 15718

Ion	Ratio	Lower	Upper
91	100		
126	9.2	18.0	54.0#

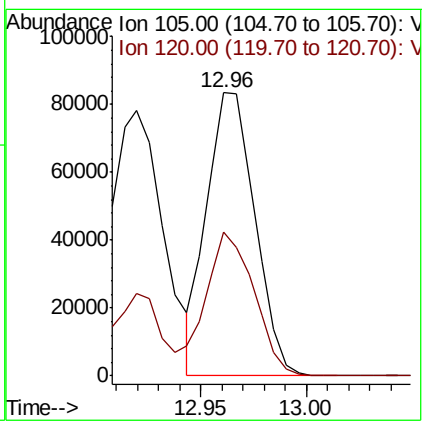


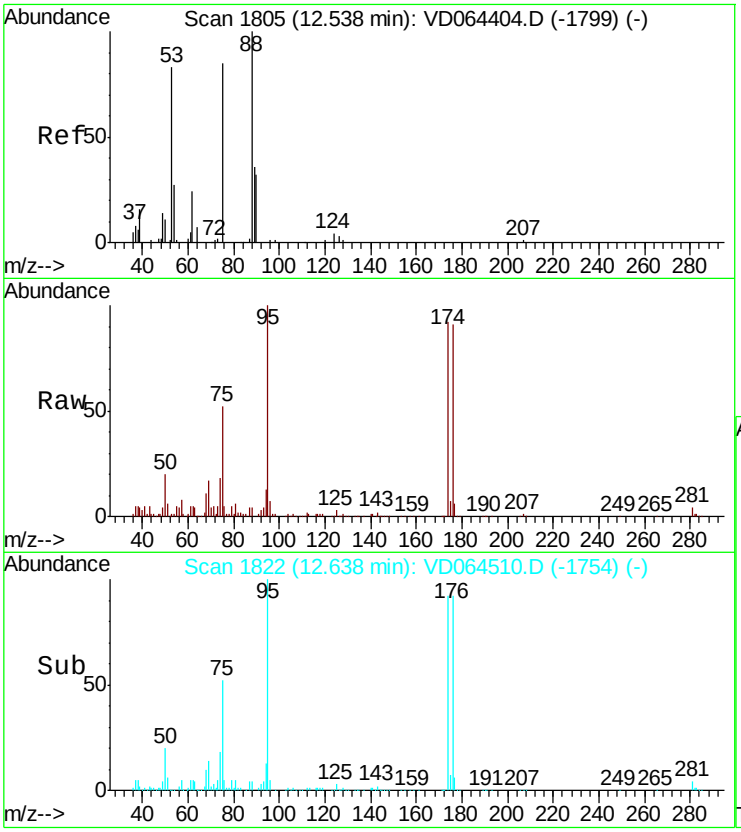


#80
1,3,5-Trimethylbenzene
Concen: 8.644 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.01 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Tgt Ion:105 Resp: 131793

Ion	Ratio	Lower	Upper
105	100		
120	51.6	25.1	75.3



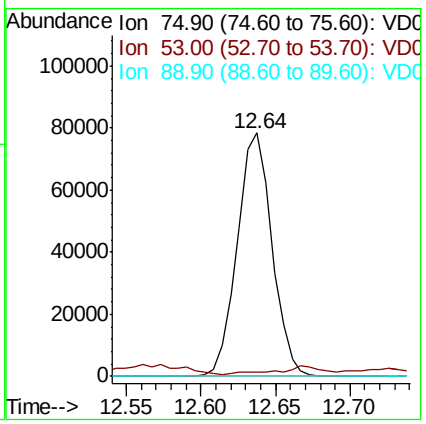


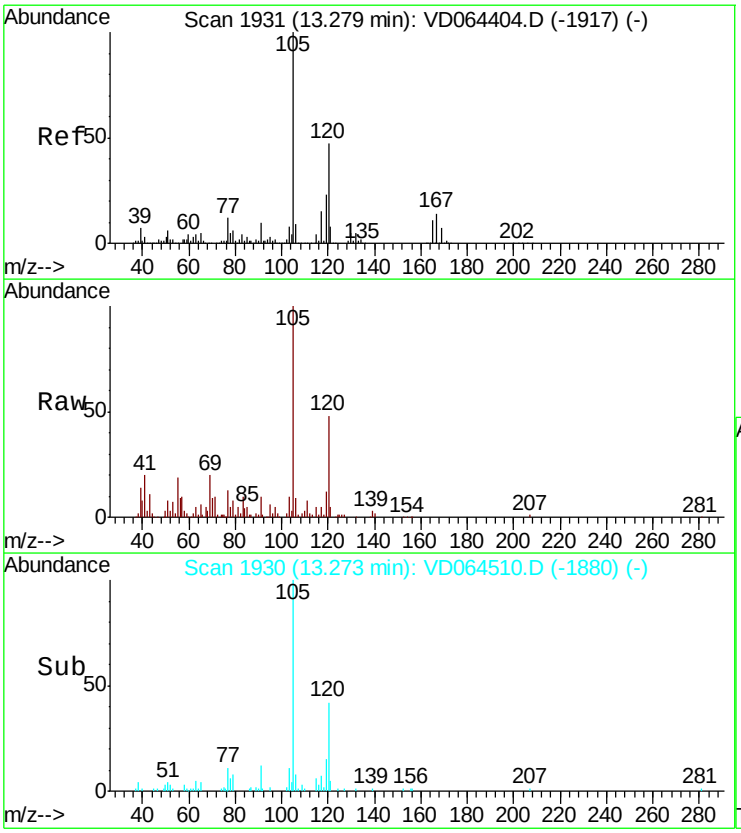
#81
trans-1,4-Dichloro-2-butene
Concen: 129.457 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.10 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Instrument : MSVOA_D
ClientSampleId : HD-02-121219

Tgt Ion: 75 Resp: 126653

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.0	121.6#
89	0.0	38.5	57.7#

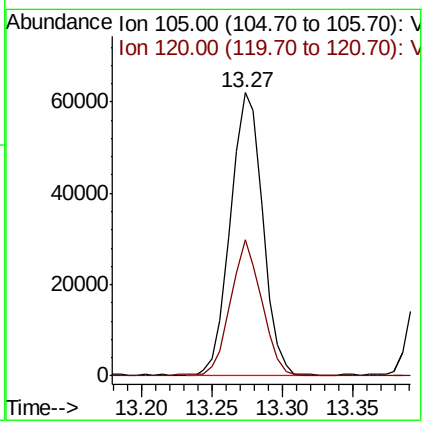


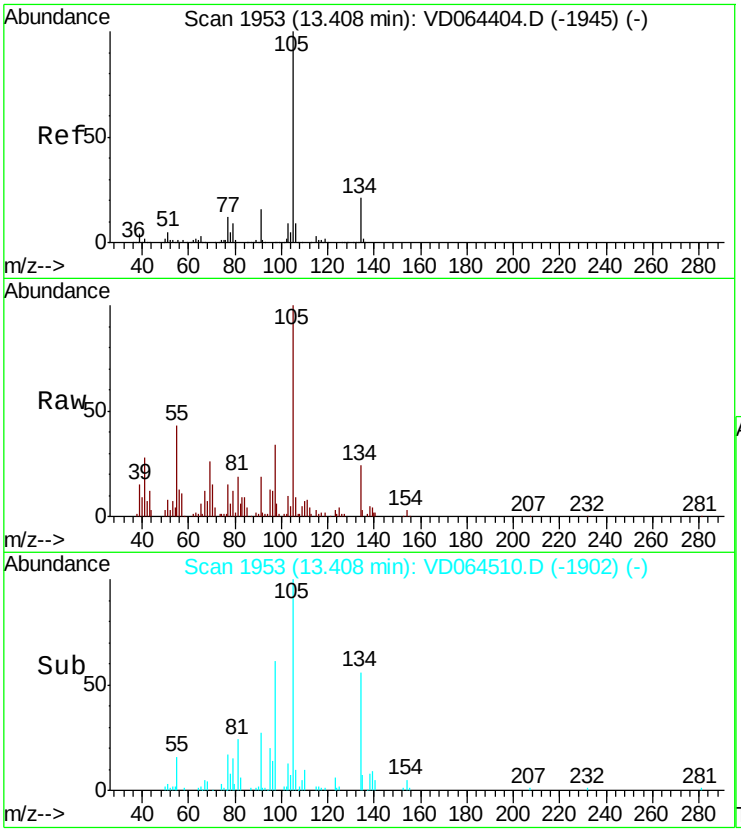


#84
1,2,4-Trimethylbenzene
Concen: 6.490 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.01 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Tgt Ion:105 Resp: 99496

Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.6	70.8



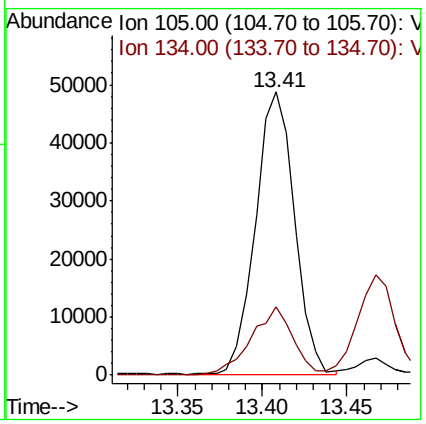


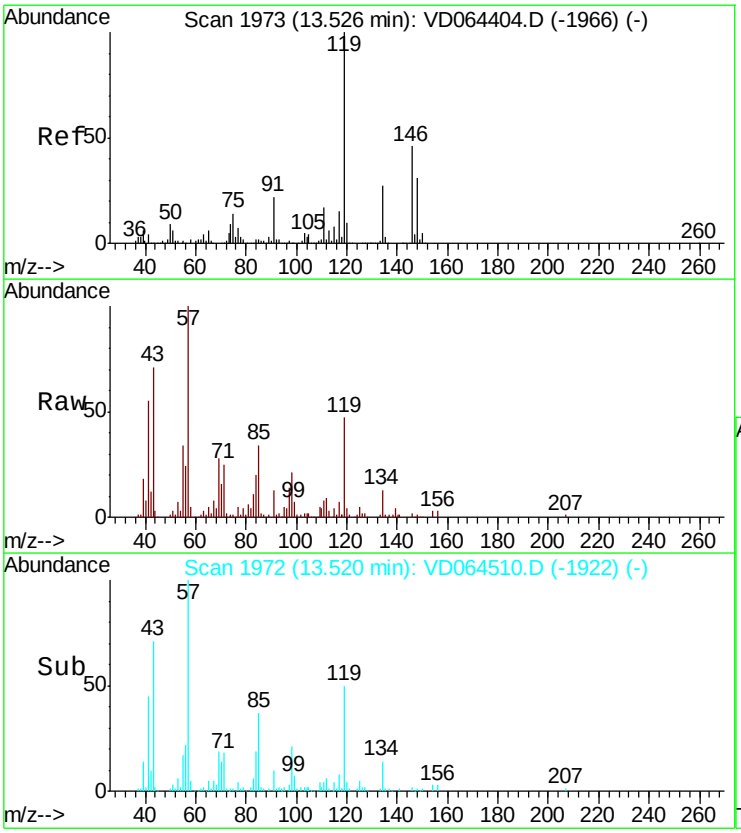
#85
sec-Butylbenzene
Concen: 4.337 ug/l
RT: 13.41 min Scan# 1953
Delta R.T. 0.00 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Instrument :
MSVOA_D
ClientSampleId :
HD-02-121219

Tgt Ion:105 Resp: 78892

Ion	Ratio	Lower	Upper
105	100		
134	25.5	10.5	31.5

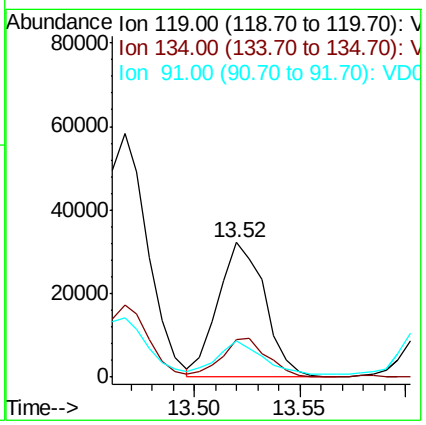


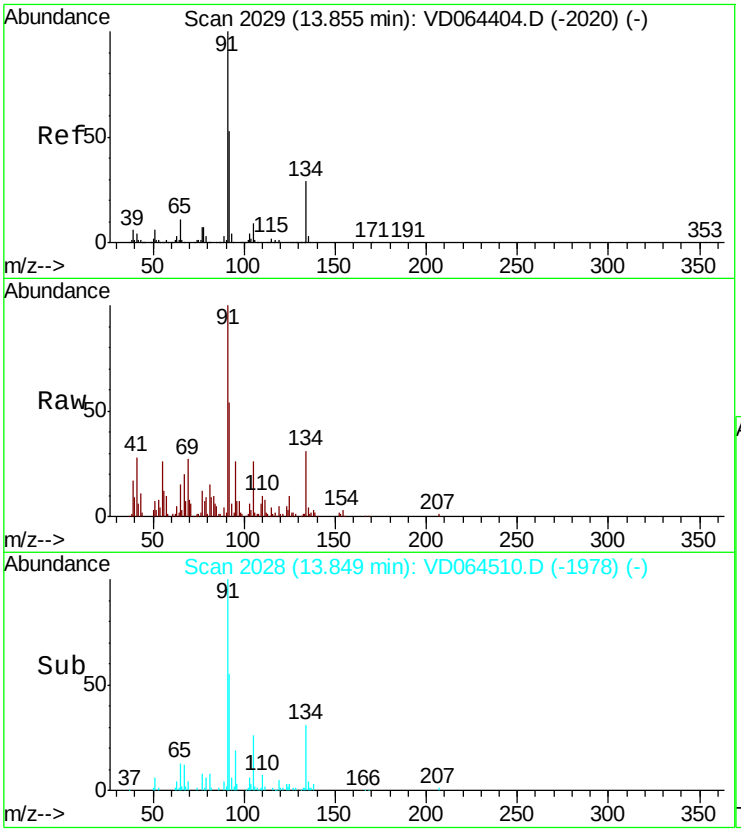


#86
p-Isopropyltoluene
Concen: 2.892 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. -0.01 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Tgt Ion:119 Resp: 49674

Ion	Ratio	Lower	Upper
119	100		
134	27.9	13.5	40.4
91	23.0	11.2	33.5



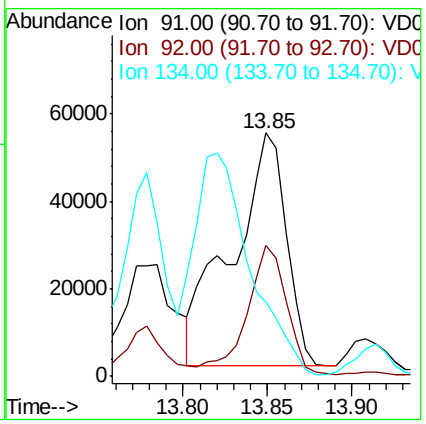


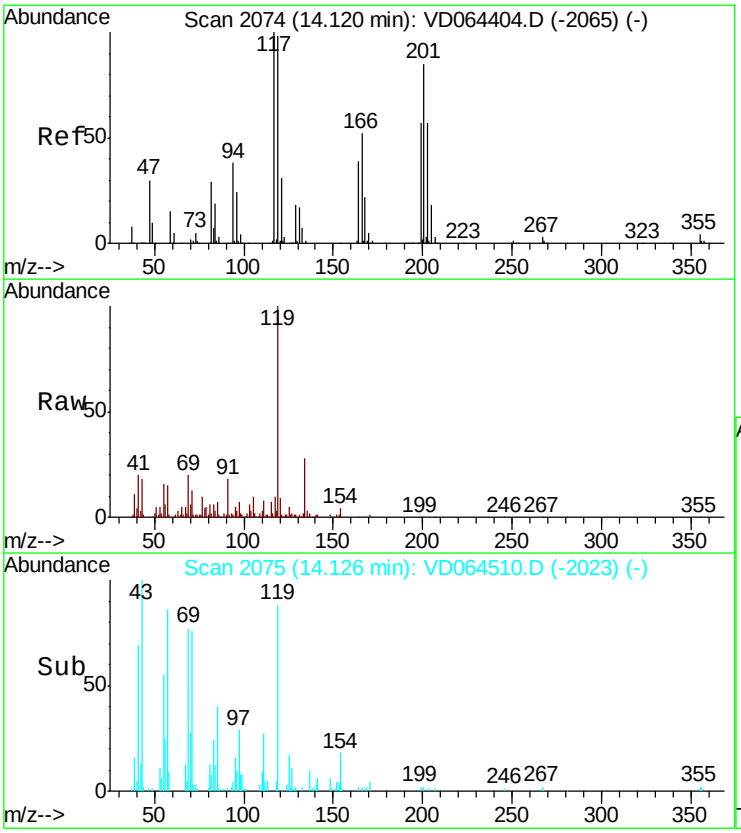
#89
n-Butylbenzene
Concen: 7.657 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.01 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Instrument : MSVOA_D
ClientSampleId : HD-02-121219

Tgt Ion: 91 Resp: 119430

Ion	Ratio	Lower	Upper
91	100		
92	40.9	26.5	79.4
134	0.0	13.9	41.7#

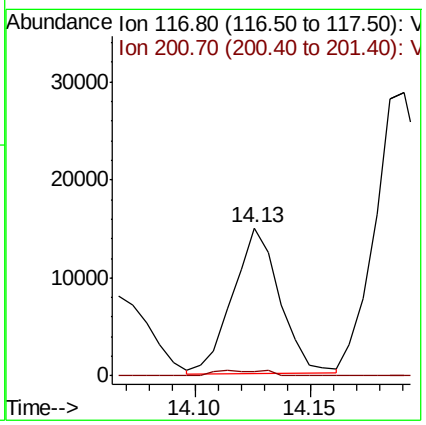


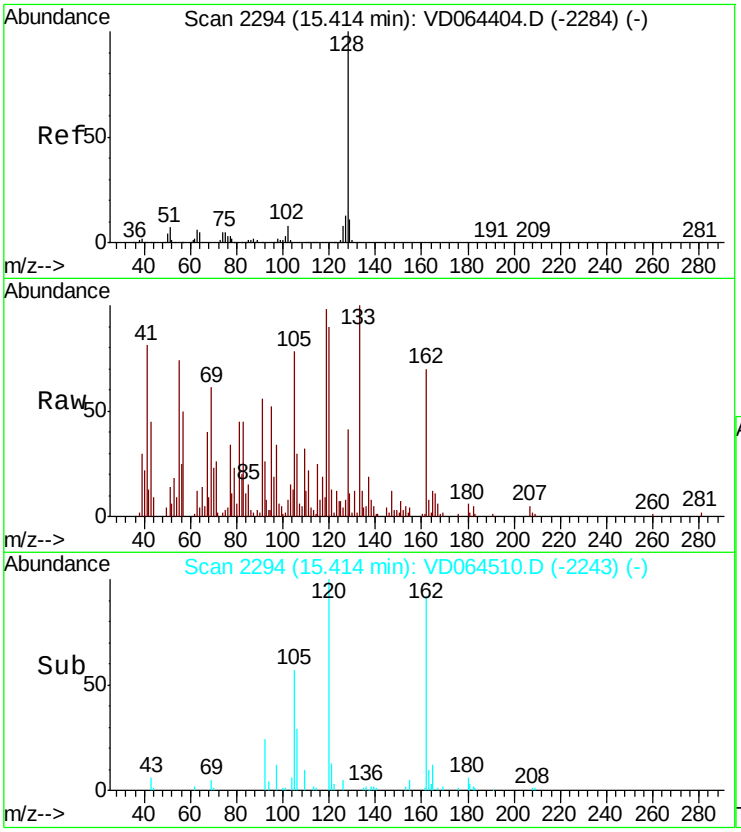


#90
Hexachloroethane
Concen: 6.590 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. 0.01 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Tgt Ion:117 Resp: 21169

Ion	Ratio	Lower	Upper
117	100		
201	4.3	44.3	132.8#



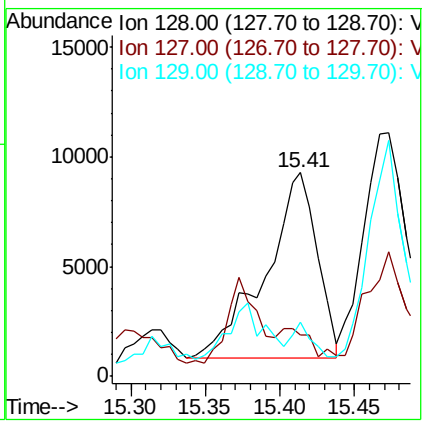


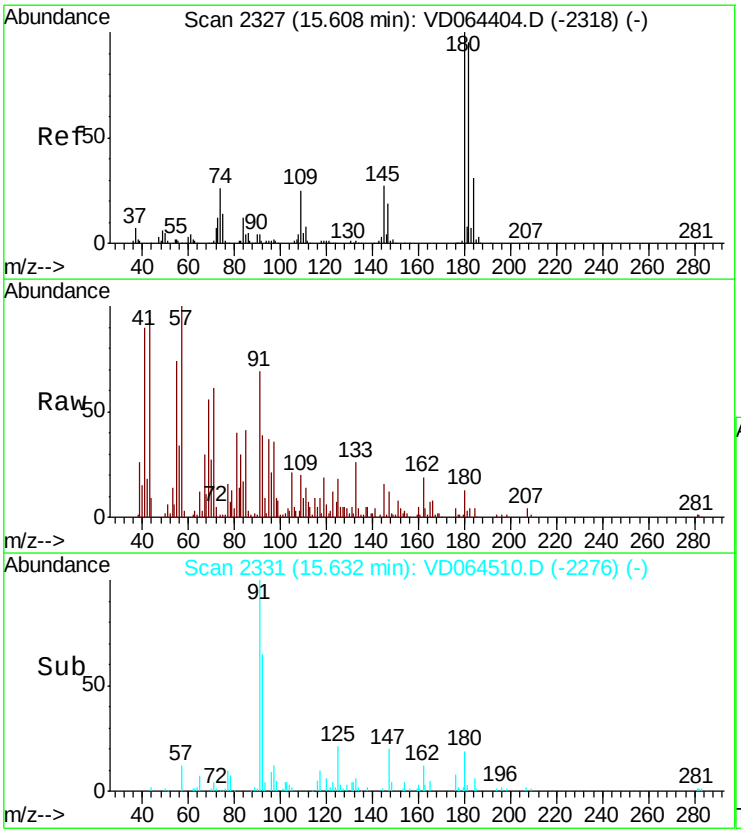
#95
Naphthalene
Concen: 2.144 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Instrument : MSVOA_D
ClientSampleId : HD-02-121219

Tgt Ion:128 Resp: 20479

Ion	Ratio	Lower	Upper
128	100		
127	7.7	10.5	15.7#
129	6.7	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 1.246 ug/l
RT: 15.63 min Scan# 2331
Delta R.T. 0.02 min
Lab File: VD064510.D
Acq: 13 Dec 2019 16:51

Tgt Ion:180 Resp: 6087

Ion	Ratio	Lower	Upper
180	100		
182	13.1	47.6	142.9#
145	0.0	14.6	43.8#