Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122719\
Data File : VD064638.D
Acq On : 27 Dec 2019 12:02
Operator : VA/SY
Sample : K6435-03RE
Misc : 7.47G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SB-3E-(09.5)

Quant Time: Dec 30 00:57:28 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	521651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	786426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	684072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	345982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	231518	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.66%			
35) Dibromofluoromethane	7.92	113	233836	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.92%			
50) Toluene-d8	10.34	98	927203	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.36%			
62) 4-Bromofluorobenzene	12.64	95	295152	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.02%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.24	59	588	2.230	ug/l #	94
16) Acetone	4.16	43	2202	6.191	ug/l #	79
17) Carbon Disulfide	4.40	76	21089	1.421	ug/l	96
20) Methylene Chloride	4.97	84	6322	Below Cal	#	88
30) Chloroform	7.71	83	42139	4.688	ug/l	98
31) Cyclohexane	7.98	56	16536	1.928	ug/l #	23
39) Methylcyclohexane	9.36	83	16189	1.766	ug/l	89
49) 1,4-Dioxane	9.50	88	58	1.829	ug/l #	1
55) 1,1,2-Trichloroethane	10.77	97	9511	2.566	ug/l #	19
59) 2-Hexanone	10.96	43	29230	14.721	ug/l #	31
74) N-amyl acetate	12.27	43	128817	24.373	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.72	83	6102	1.571	ug/l #	13
76) 1,2,3-Trichloropropane	12.64	75	159772	58.480	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	159772	122.309	ug/l #	12
85) sec-Butylbenzene	13.41	105	34629	1.432	ug/l	86
89) n-Butylbenzene	13.85	91	27327	1.313	ug/l #	80
90) Hexachloroethane	14.13	117	5100	1.155	ug/l #	22
95) Naphthalene	15.41	128	18951	1.647	ug/l #	79

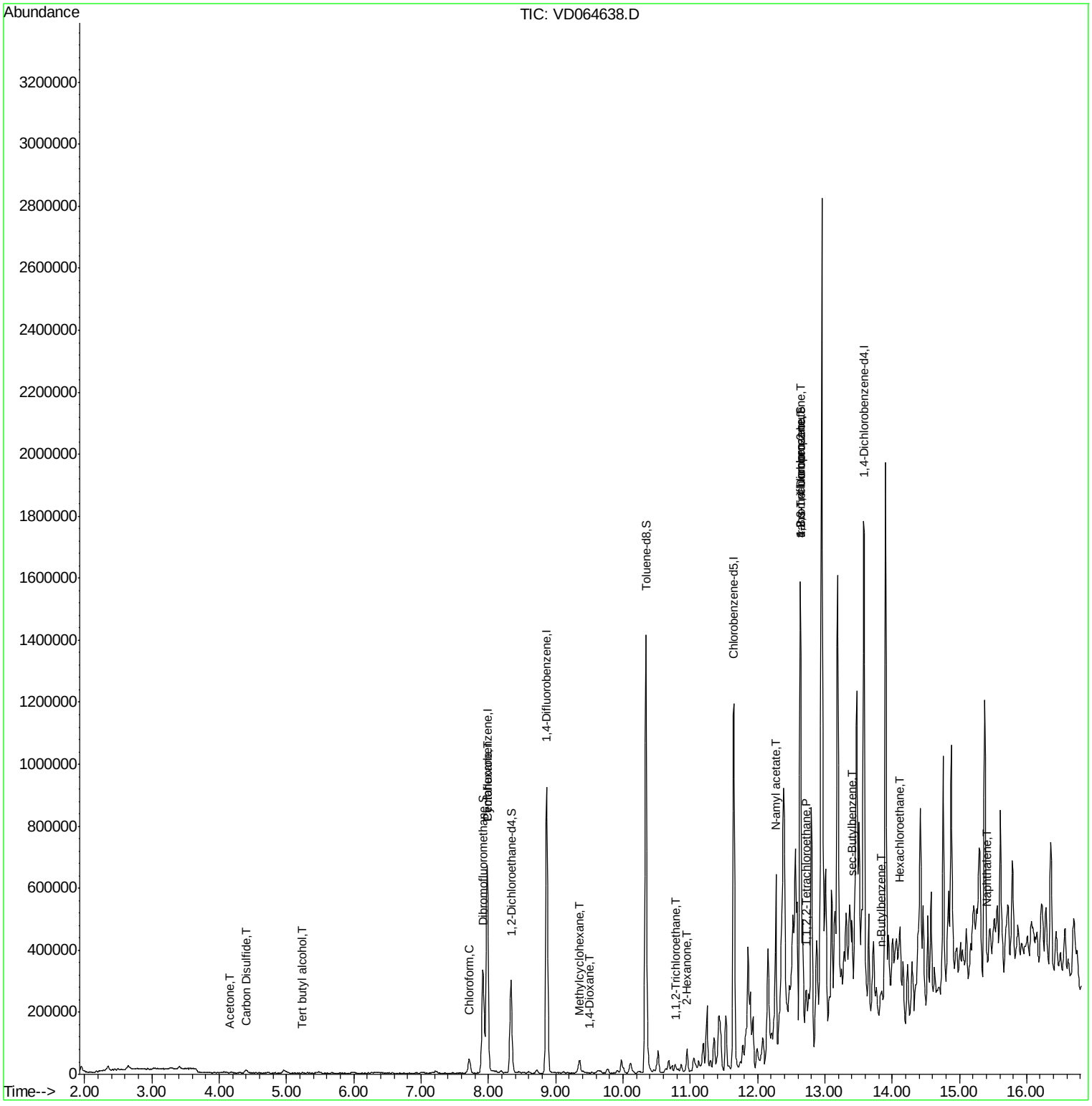
(#) = qualifier out of range (m) = manual integration (+) = signals summed

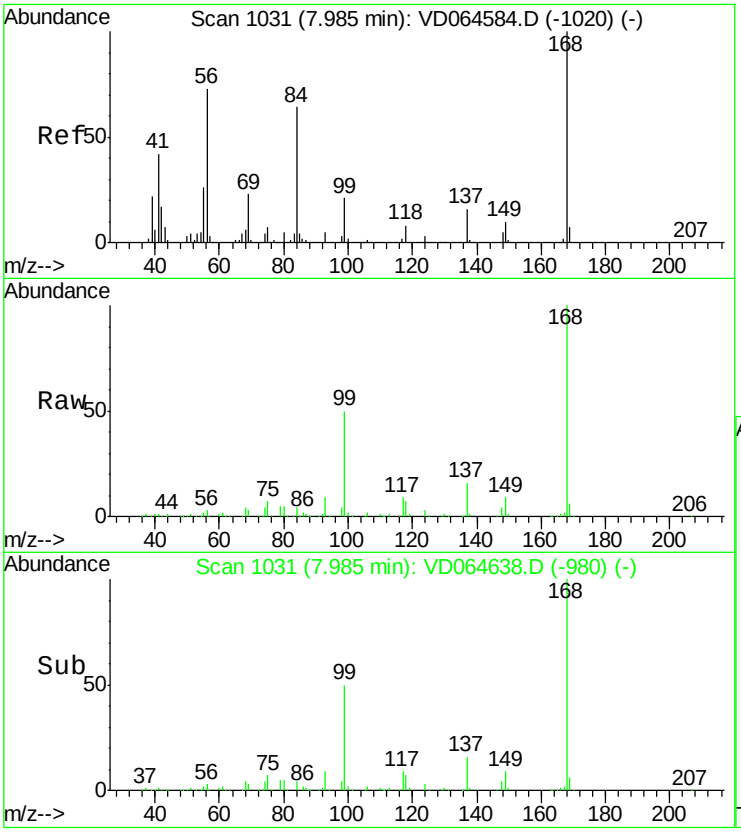
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122719\
Data File : VD064638.D
Acq On : 27 Dec 2019 12:02
Operator : VA/SY
Sample : K6435-03RE
Misc : 7.47G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-3E-(09.5)

Quant Time: Dec 30 00:57:28 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



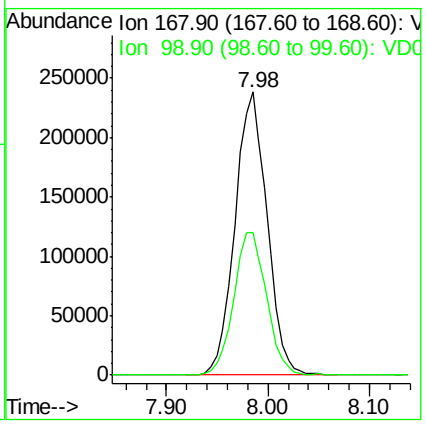


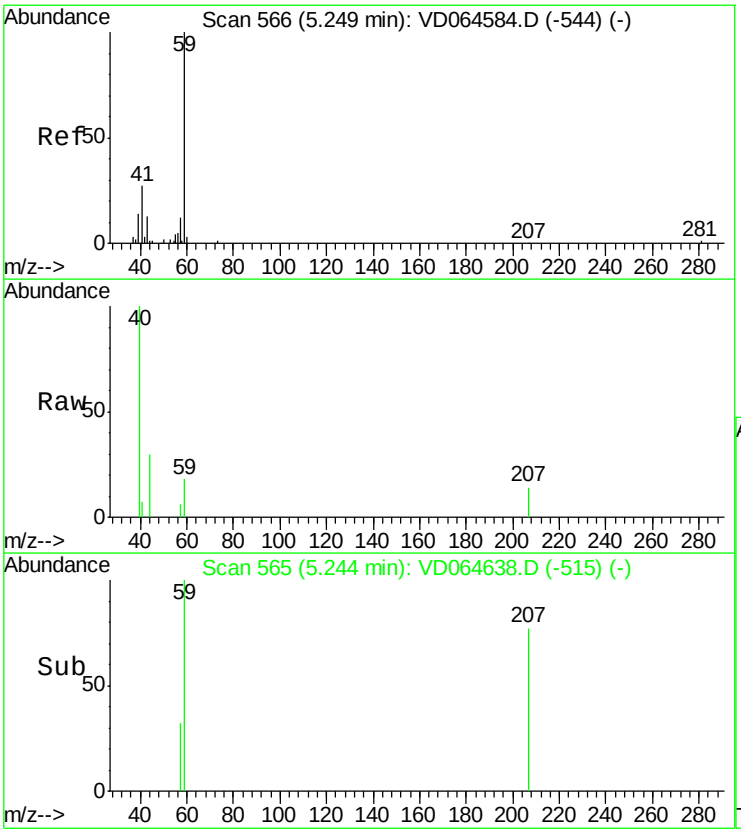
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Instrument :
MSVOA_D
ClientSampleId :
SB-3E-(09.5)

Tgt Ion:168 Resp: 521651

Ion	Ratio	Lower	Upper
168	100		
99	50.2	41.8	62.6

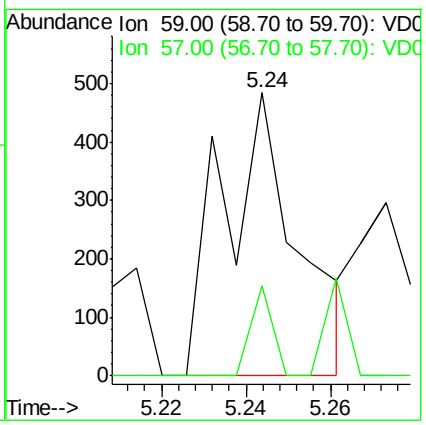


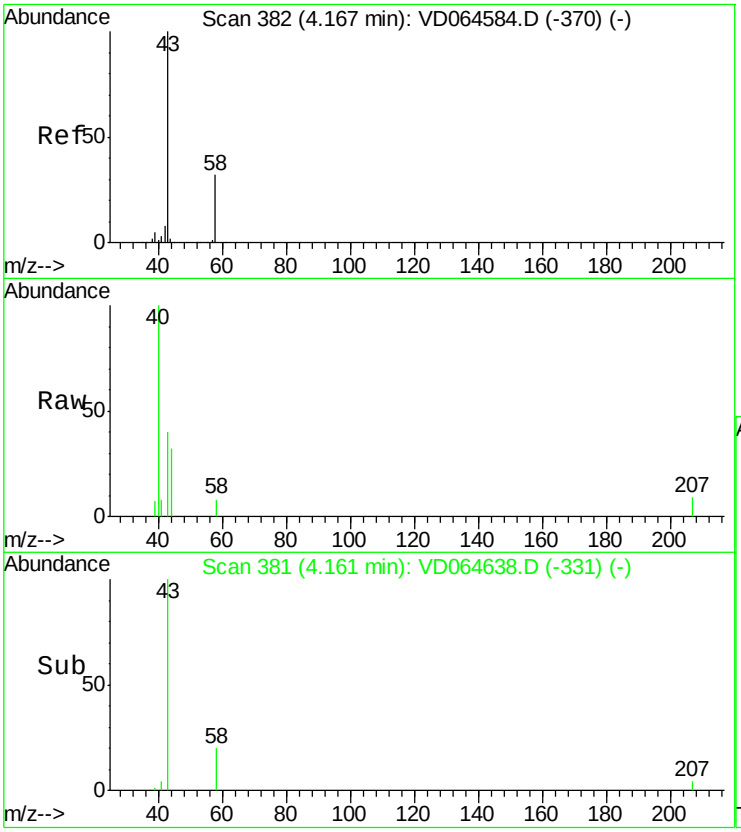


#11
Tert butyl alcohol
Concen: 2.230 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.01 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Tgt Ion: 59 Resp: 588

Ion	Ratio	Lower	Upper
59	100		
57	9.2	9.3	13.9#



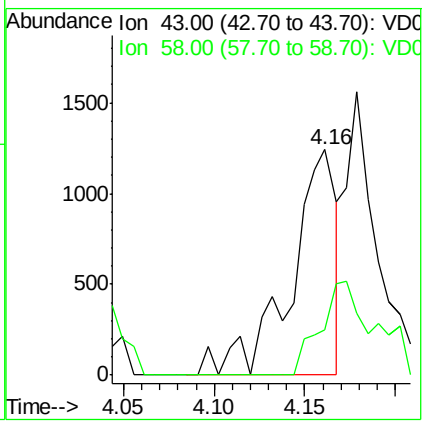


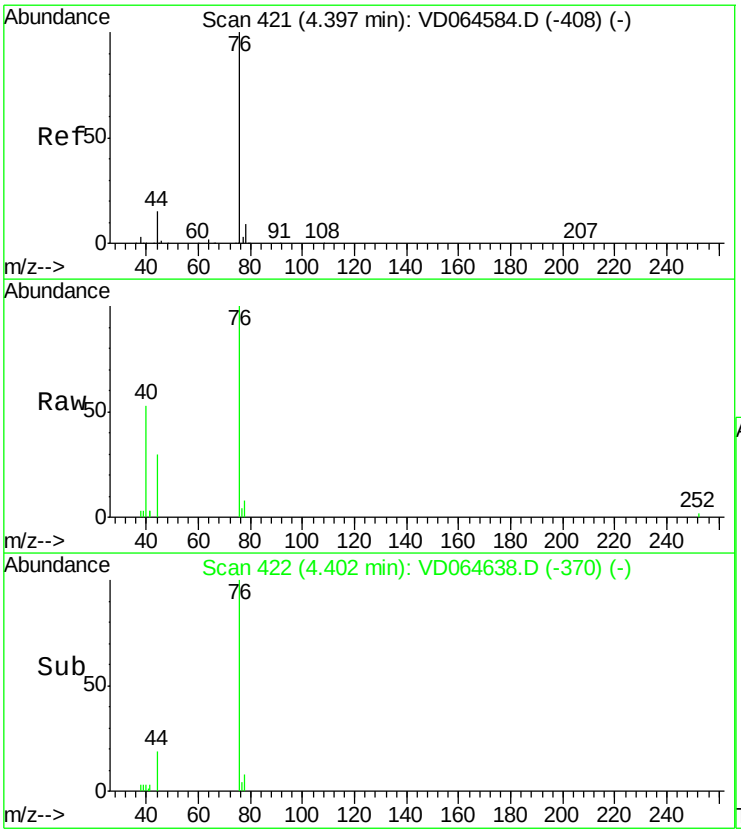
#16
Acetone
Concen: 6.191 ug/l
RT: 4.16 min Scan# 381
Delta R.T. -0.01 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Instrument : MSVOA_D
ClientSampleId : SB-3E-(09.5)

Tgt Ion: 43 Resp: 2202

Ion	Ratio	Lower	Upper
43	100		
58	20.3	25.8	38.6#

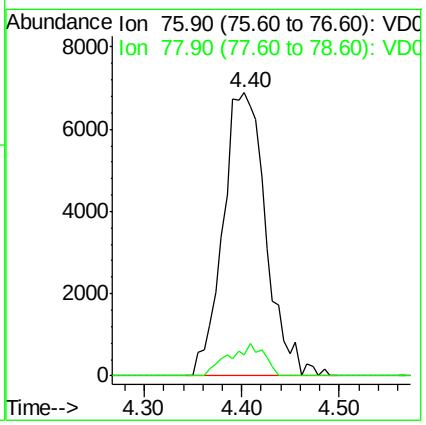


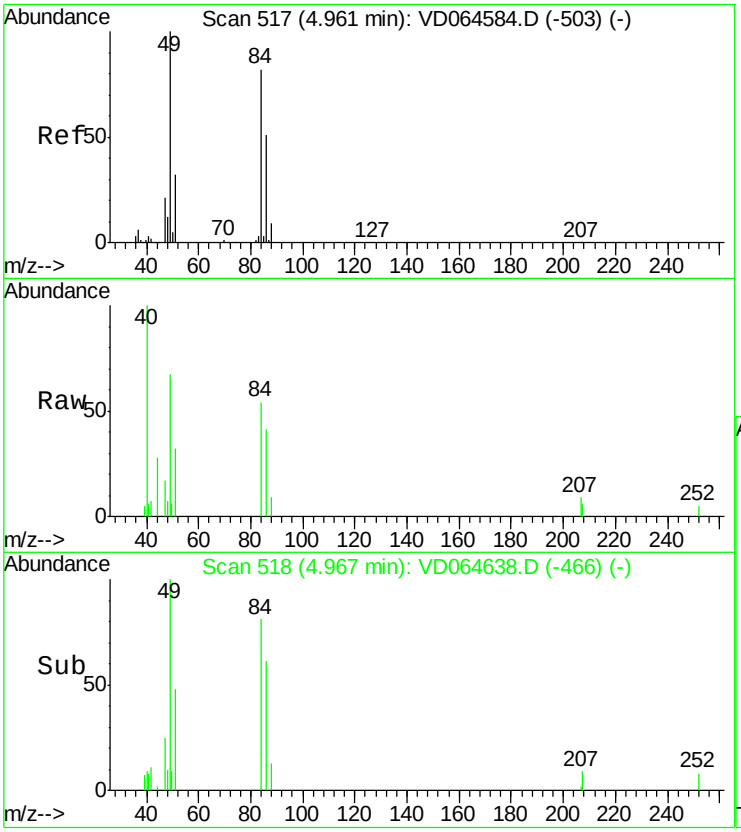


#17
Carbon Disulfide
Concen: 1.421 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Tgt Ion: 76 Resp: 21089

Ion	Ratio	Lower	Upper
76	100		
78	7.6	7.3	10.9



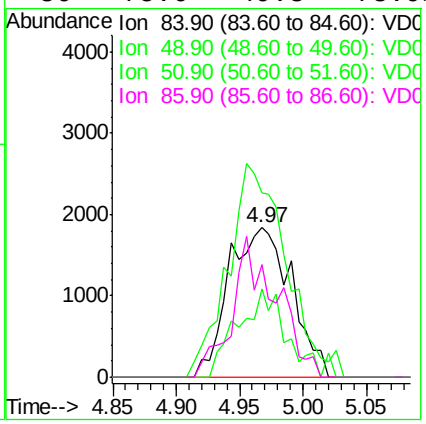


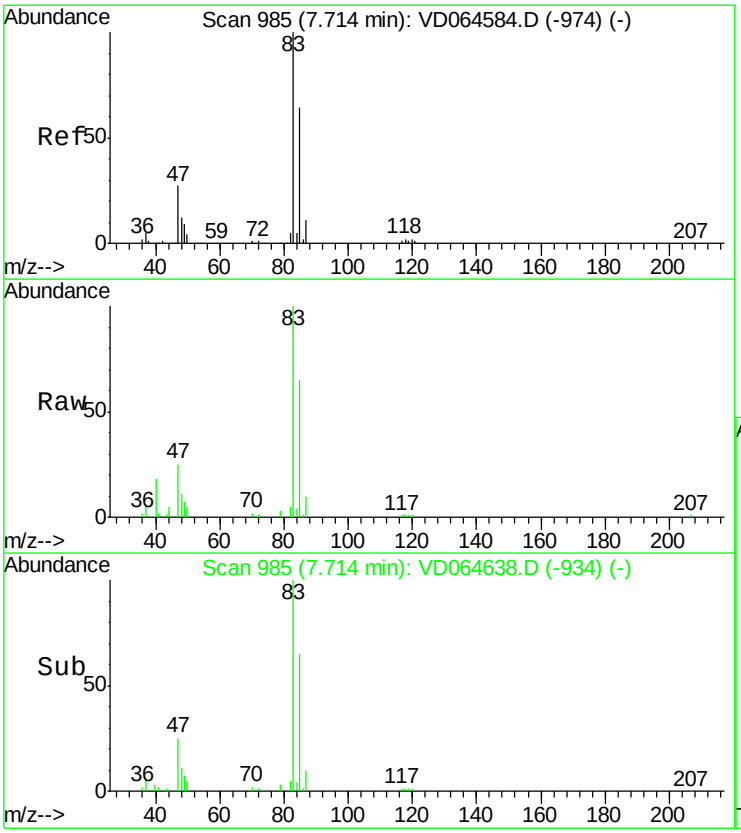
#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Instrument : MSVOA_D
ClientSampleId : SB-3E-(09.5)

Tgt Ion: 84 Resp: 6322

Ion	Ratio	Lower	Upper
84	100		
49	123.4	97.2	145.8
51	59.6	31.4	47.0#
86	75.6	49.3	73.9#

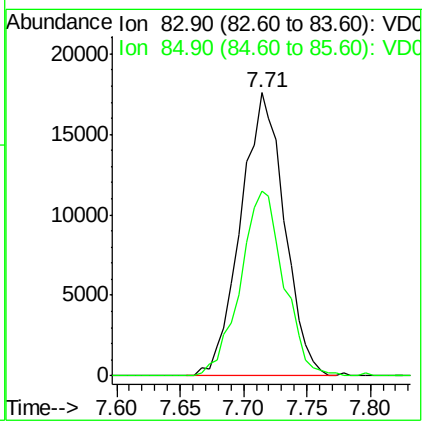


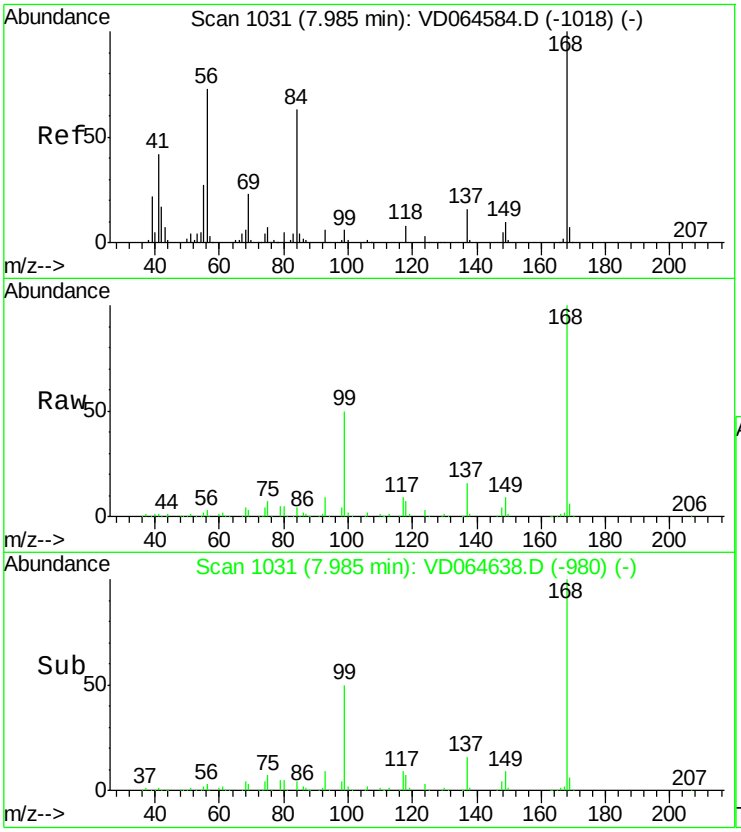


#30
Chloroform
Concen: 4.688 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Tgt Ion: 83 Resp: 42139

Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.1	76.7



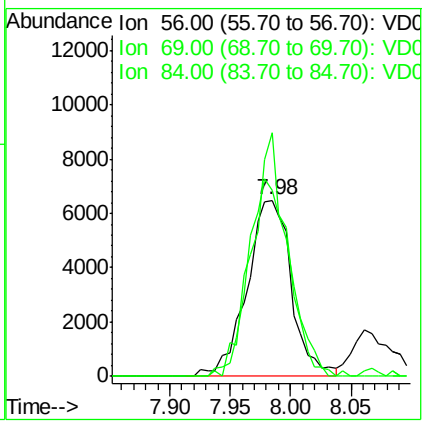


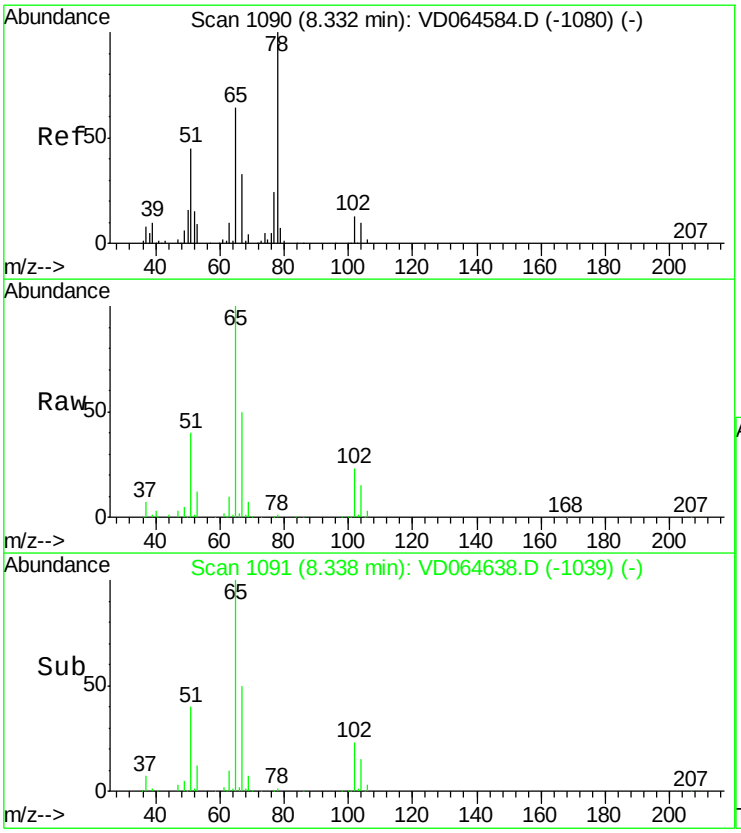
#31
Cyclohexane
Concen: 1.928 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Instrument : MSVOA_D
ClientSampleId : SB-3E-(09.5)

Tgt Ion: 56 Resp: 16536

Ion	Ratio	Lower	Upper
56	100		
69	105.6	24.7	37.1#
84	138.2	69.4	104.2#

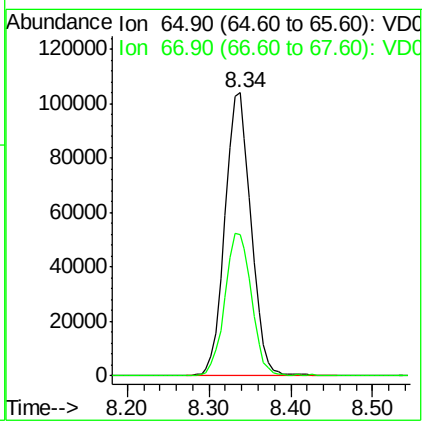


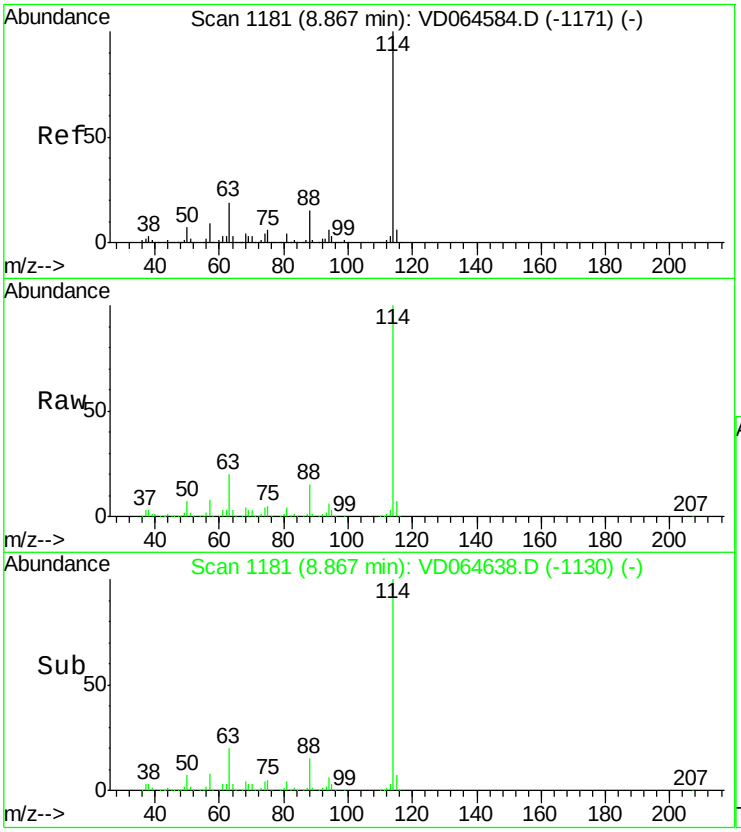


#33
1,2-Dichloroethane-d4
Concen: 50.332 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Tgt Ion: 65 Resp: 231518

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	106.2



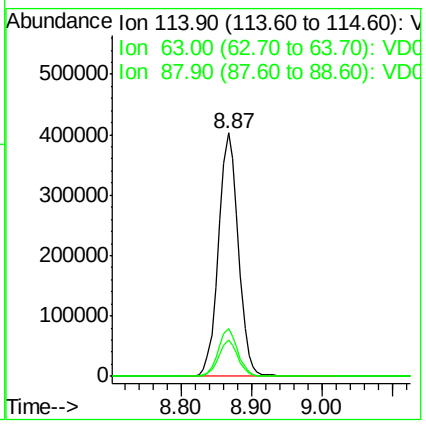


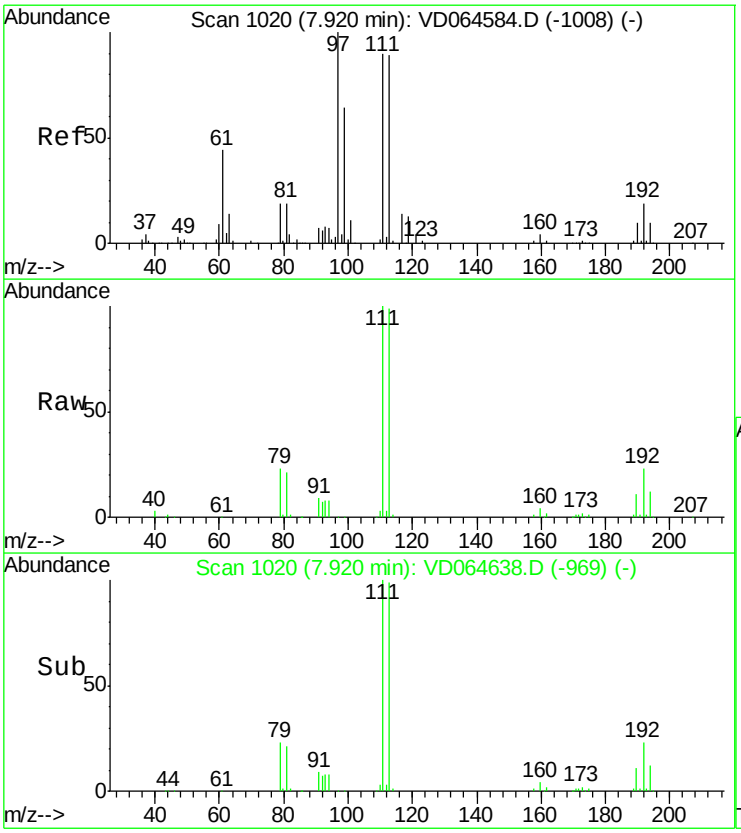
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Instrument :
MSVOA_D
ClientSampleId :
SB-3E-(09.5)

Tgt Ion:114 Resp: 786426

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	38.0
88	14.7	0.0	29.2

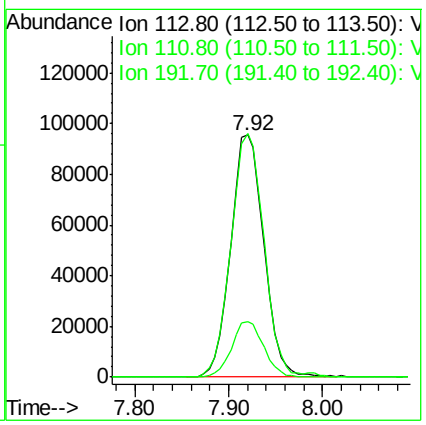


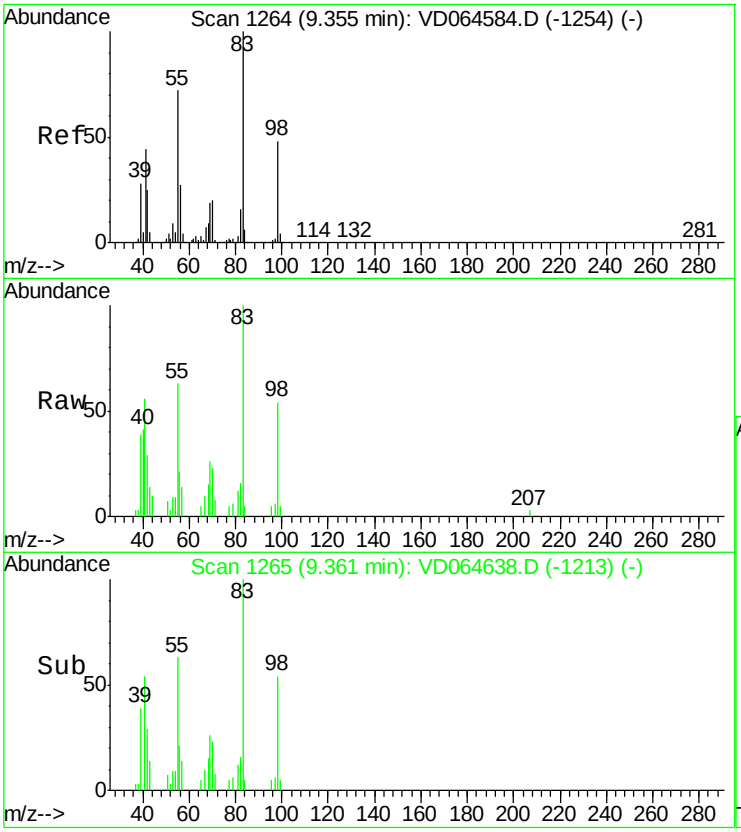


#35
Dibromofluoromethane
Concen: 48.465 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Tgt Ion:113 Resp: 233836

Ion	Ratio	Lower	Upper
113	100		
111	99.8	80.6	121.0
192	22.2	17.9	26.9



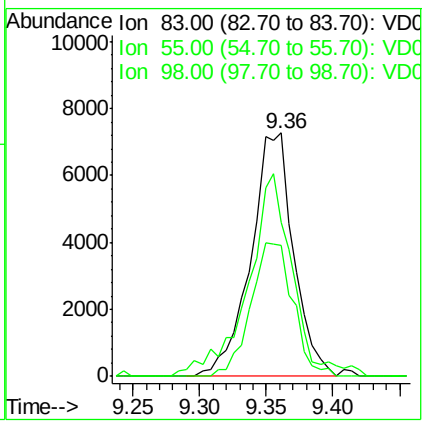


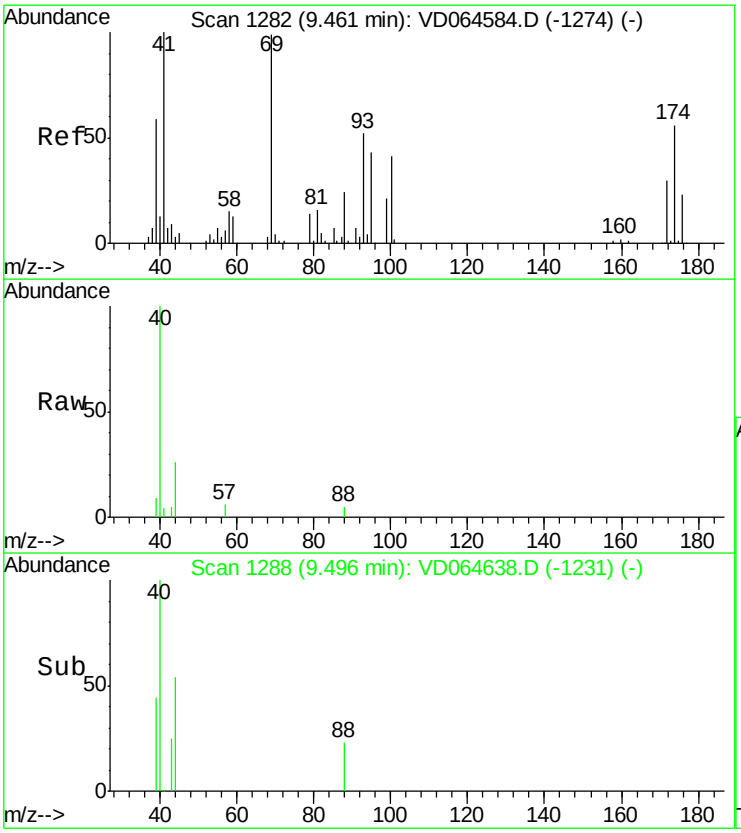
#39
Methylcyclohexane
Concen: 1.766 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Instrument : MSVOA_D
ClientSampleId : SB-3E-(09.5)

Tgt Ion: 83 Resp: 16189

Ion	Ratio	Lower	Upper
83	100		
55	60.6	57.8	86.6
98	53.7	38.7	58.1

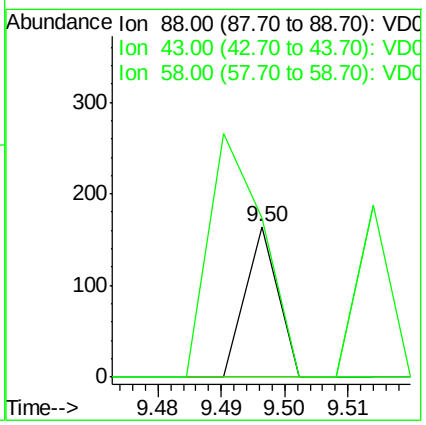


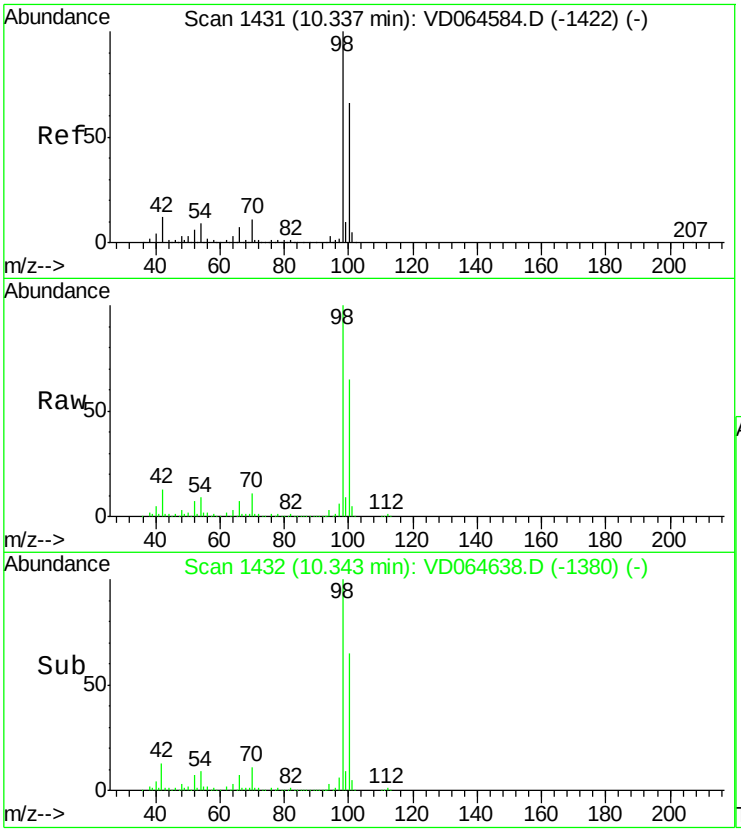


#49
1,4-Dioxane
Concen: 1.829 ug/l
RT: 9.50 min Scan# 1288
Delta R.T. 0.04 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Tgt Ion: 88 Resp: 58

Ion	Ratio	Lower	Upper
88	100		
43	267.2	27.7	41.5#
58	0.0	53.8	80.6#



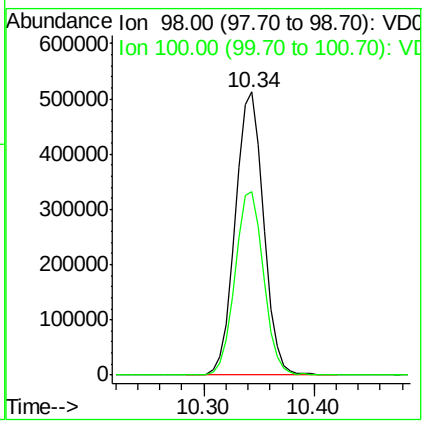


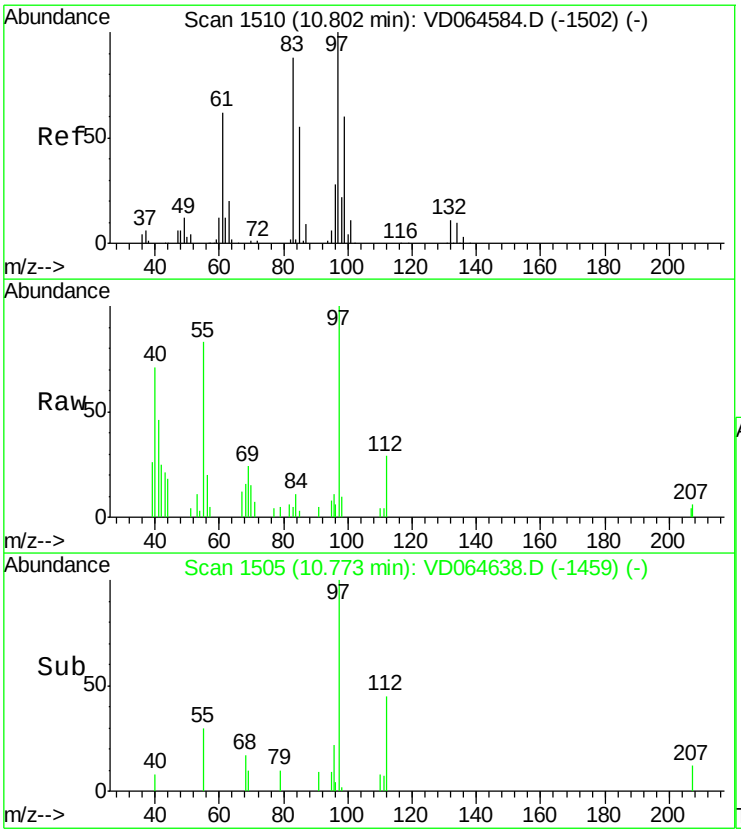
#50
Toluene-d8
Concen: 50.177 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Instrument : MSVOA_D
ClientSampleId : SB-3E-(09.5)

Tgt Ion: 98 Resp: 927203

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.7	77.5

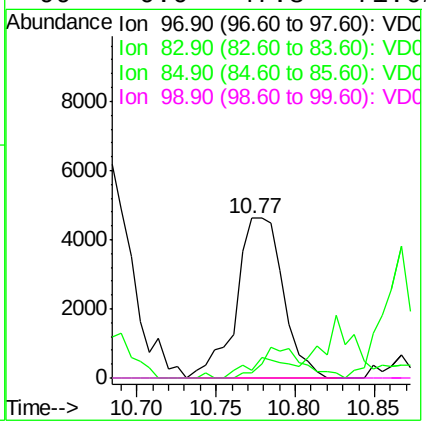


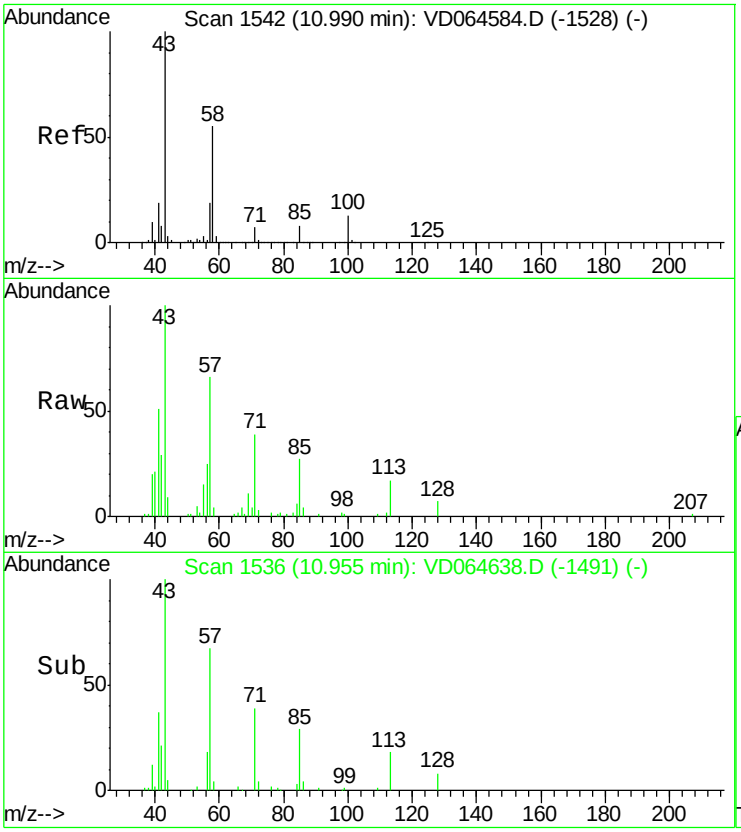


#55
1,1,2-Trichloroethane
Concen: 2.566 ug/l
RT: 10.77 min Scan# 1505
Delta R.T. -0.03 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Tgt Ion: 97 Resp: 9511

Ion	Ratio	Lower	Upper
97	100		
83	5.0	70.2	105.4#
85	3.4	44.0	66.0#
99	0.0	47.8	71.6#



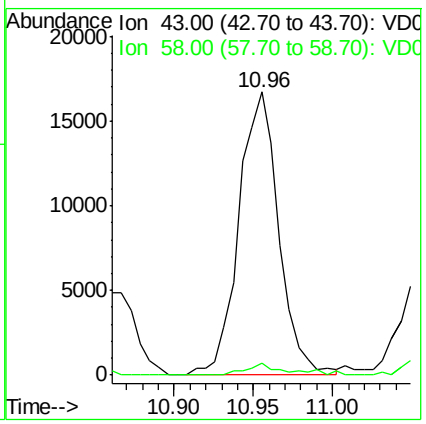


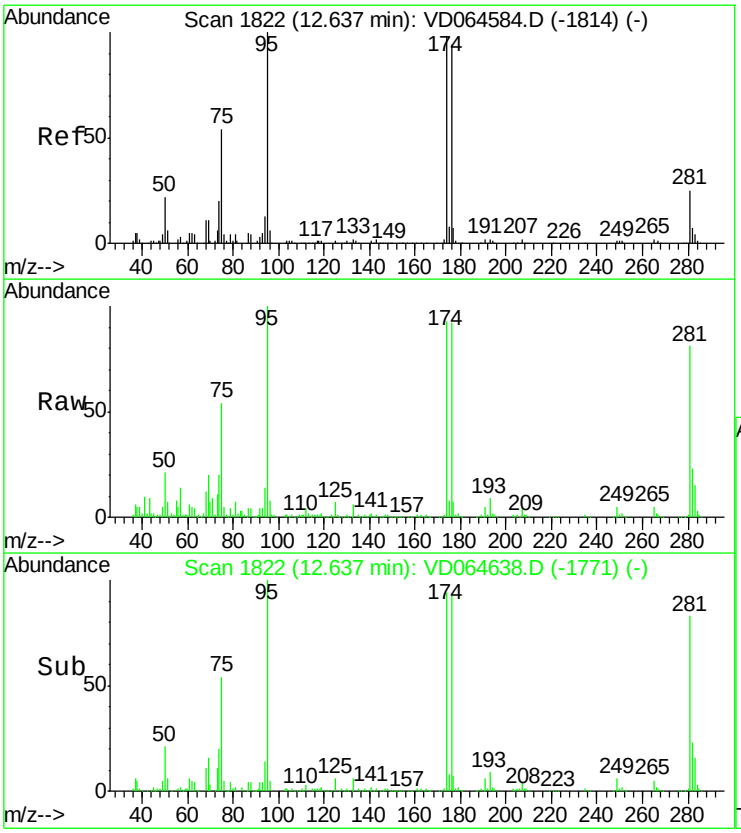
#59
2-Hexanone
Concen: 14.721 ug/l
RT: 10.96 min Scan# 1536
Delta R.T. -0.04 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Instrument :
MSVOA_D
ClientSampleId :
SB-3E-(09.5)

Tgt Ion: 43 Resp: 29230

Ion	Ratio	Lower	Upper
43	100		
58	4.1	26.4	79.0#

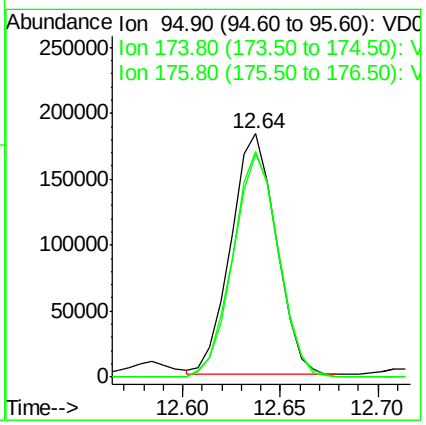


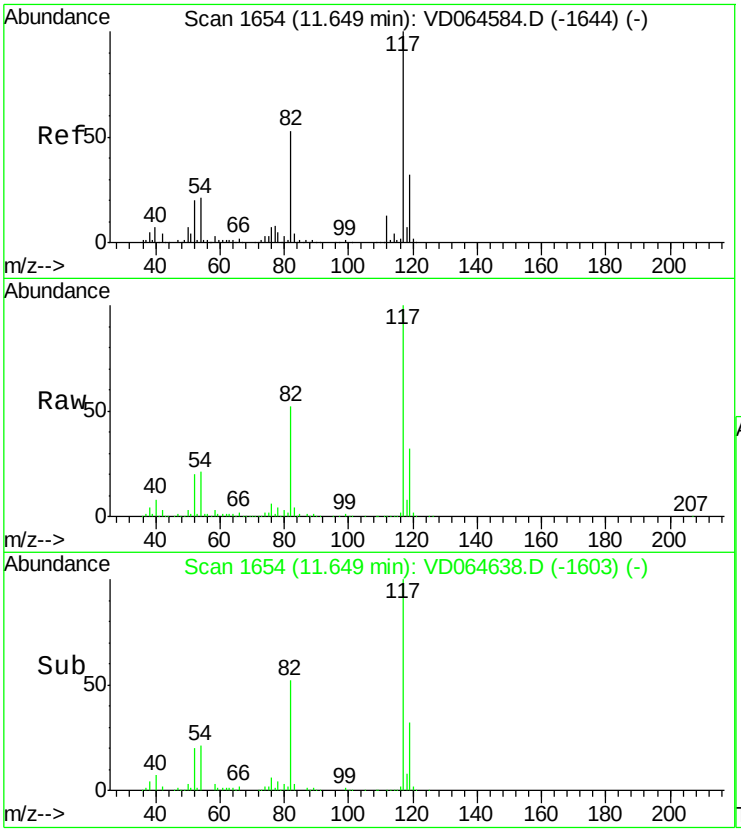


#62
4-Bromofluorobenzene
Concen: 50.512 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Tgt Ion: 95 Resp: 295152

Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	193.2
176	92.5	0.0	184.2



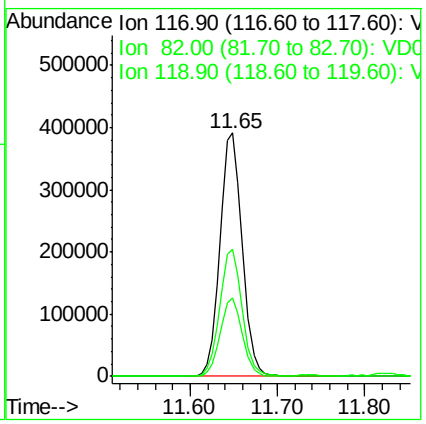


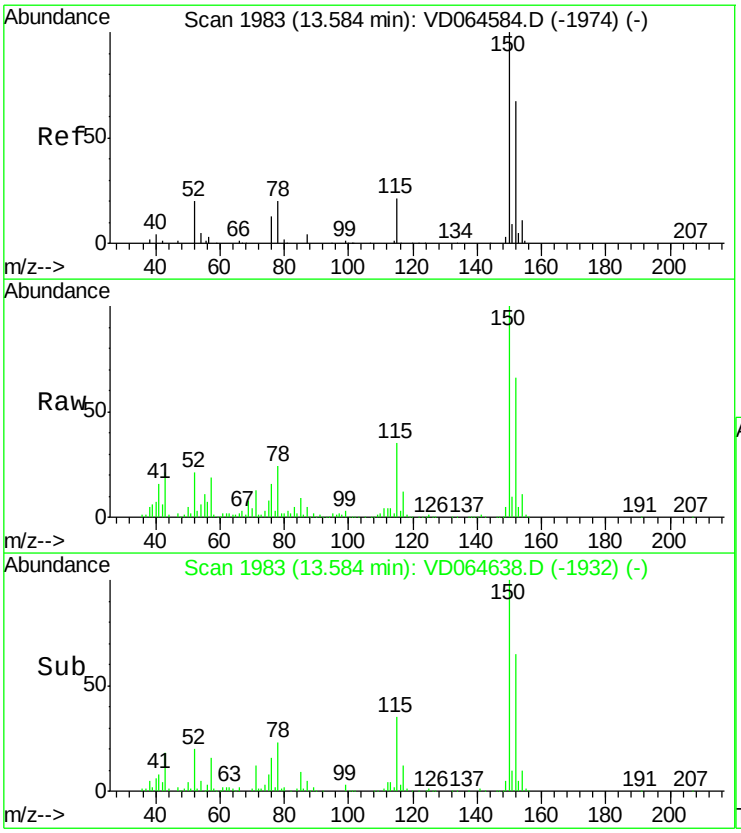
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Instrument : MSVOA_D
ClientSampleId : SB-3E-(09.5)

Tgt Ion:117 Resp: 684072

Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.2	63.4
119	32.2	26.0	39.0

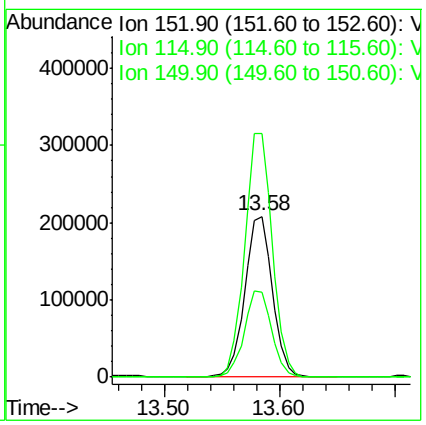


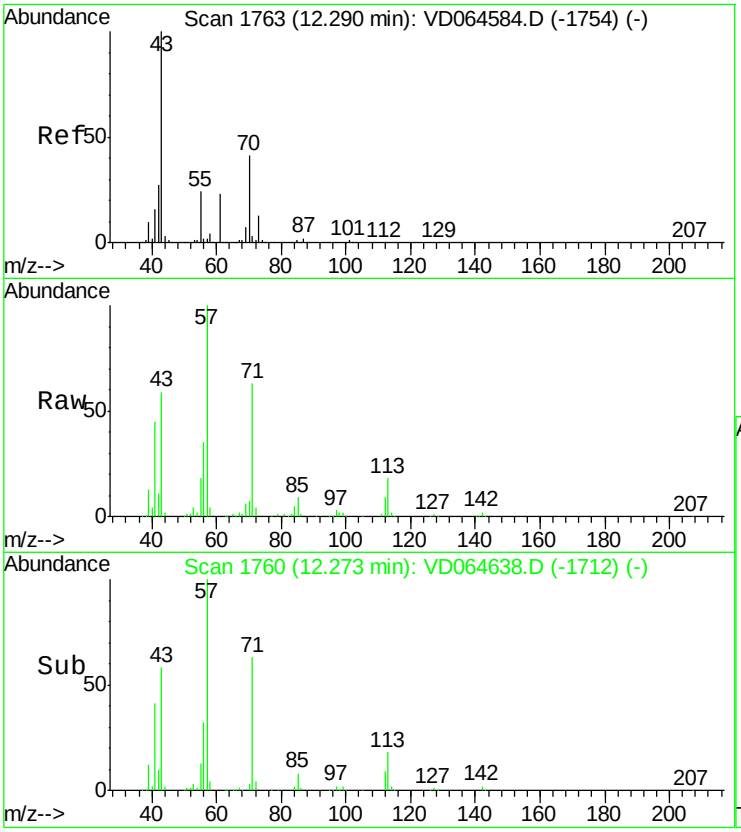


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Tgt Ion:152 Resp: 345982

Ion	Ratio	Lower	Upper
152	100		
115	53.4	27.8	83.4
150	151.6	0.0	351.4



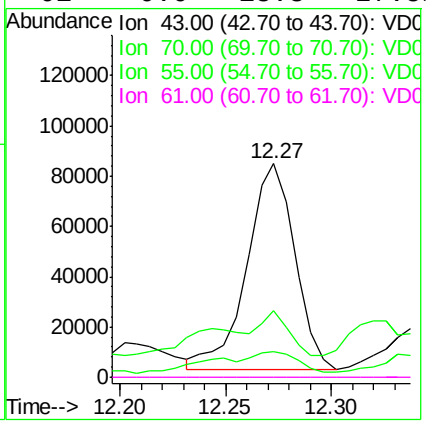


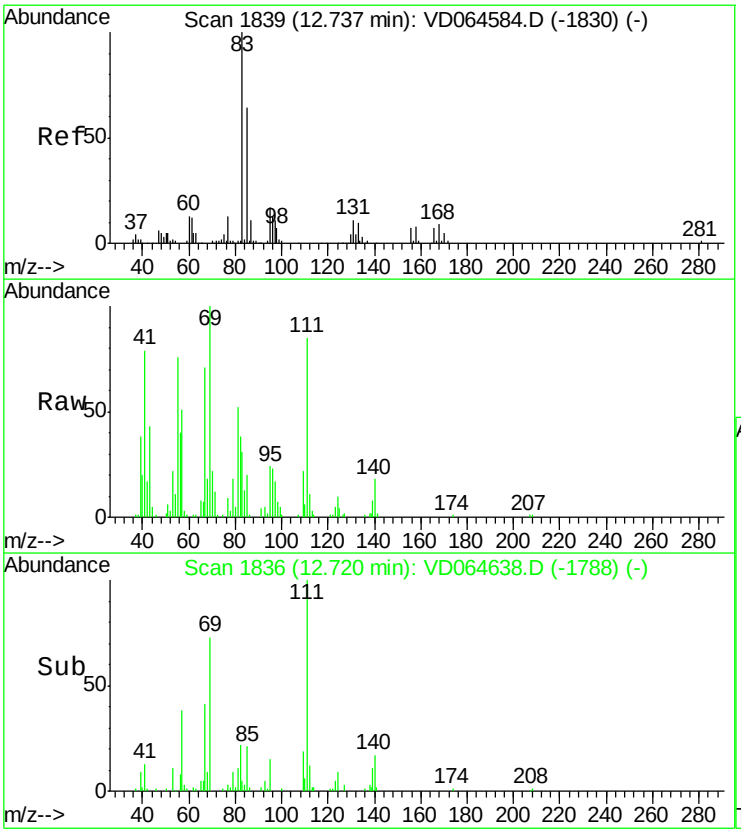
#74
N-amyl acetate
Concen: 24.373 ug/l
RT: 12.27 min Scan# 1760
Delta R.T. -0.02 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Instrument : MSVOA_D
ClientSampleId : SB-3E-(09.5)

Tgt Ion: 43 Resp: 128817

Ion	Ratio	Lower	Upper
43	100		
70	18.1	33.4	50.0#
55	12.8	19.4	29.0#
61	0.0	18.3	27.5#

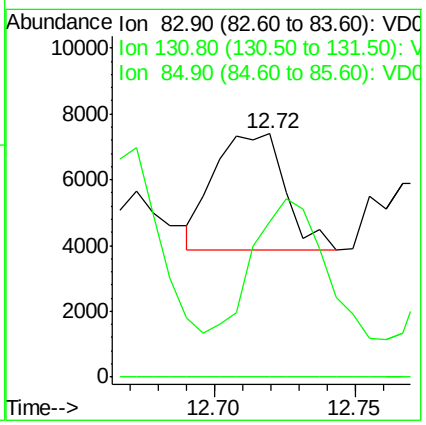


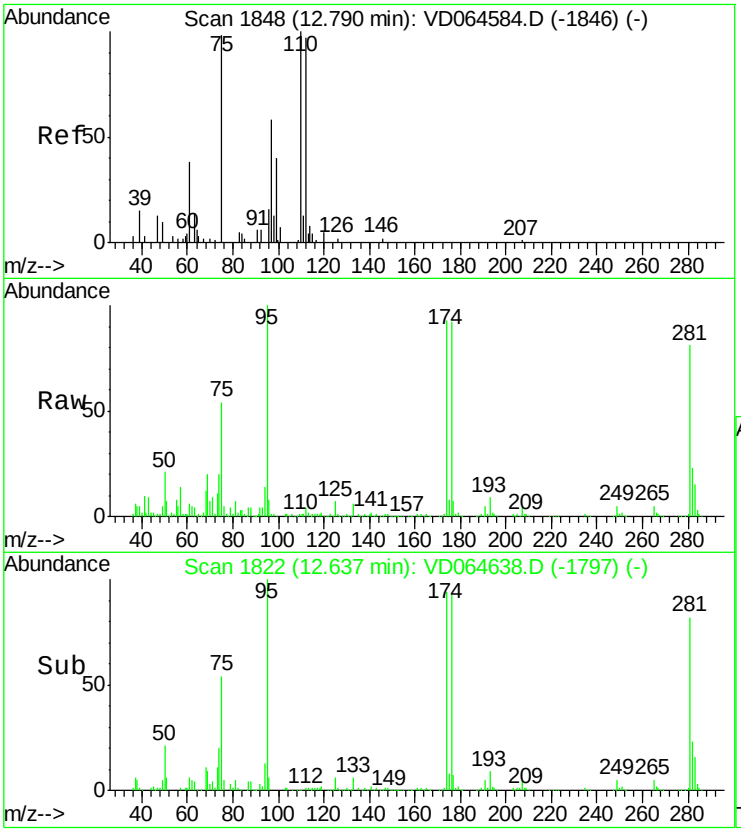


#75
1,1,2,2-Tetrachloroethane
Concen: 1.571 ug/l
RT: 12.72 min Scan# 1836
Delta R.T. -0.02 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Tgt Ion: 83 Resp: 6102

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.8	17.4#
85	140.6	32.3	96.9#



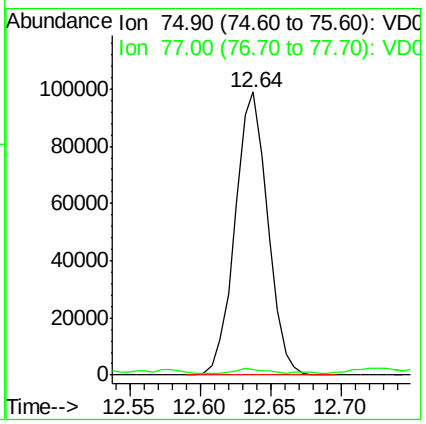


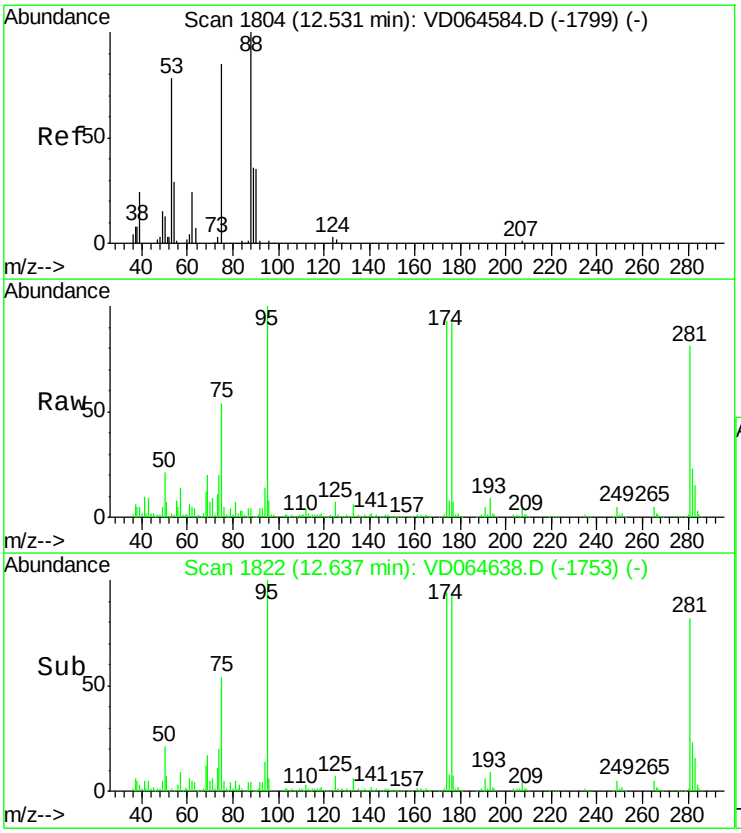
#76
1,2,3-Trichloropropane
Concen: 58.480 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Instrument : MSVOA_D
ClientSampleId : SB-3E-(09.5)

Tgt Ion: 75 Resp: 159772

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#

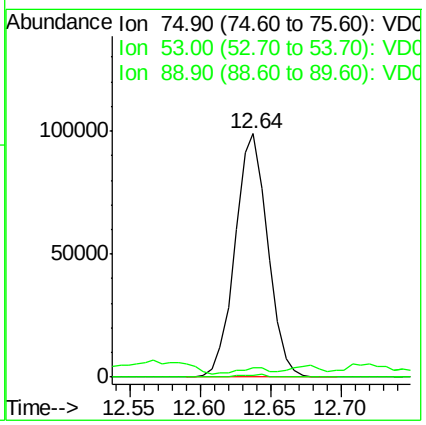


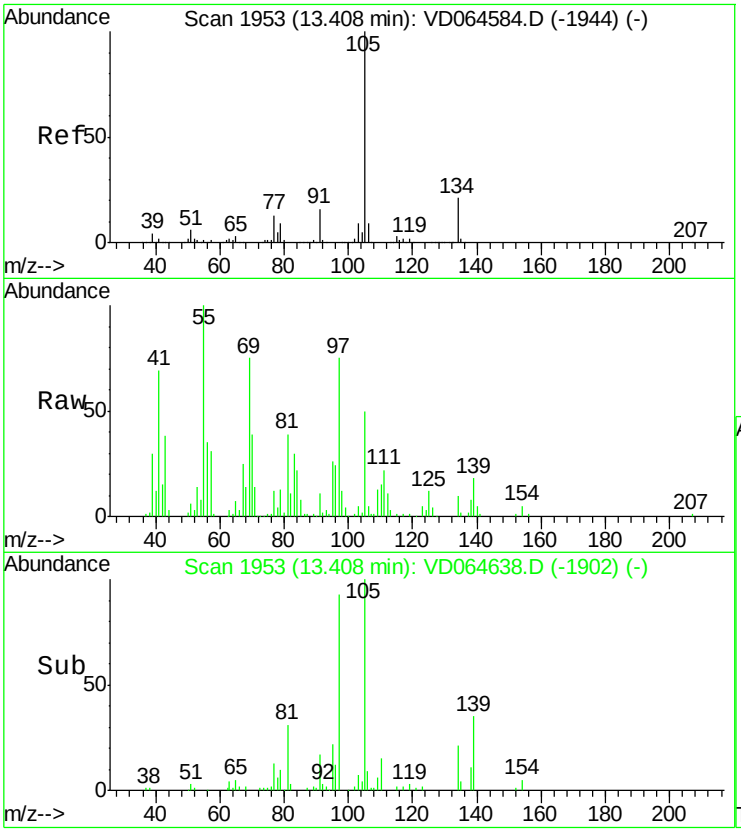


#81
trans-1,4-Dichloro-2-butene
Concen: 122.309 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Tgt Ion: 75 Resp: 159772

Ion	Ratio	Lower	Upper
75	100		
53	2.1	78.8	118.2#
89	1.0	38.3	57.5#



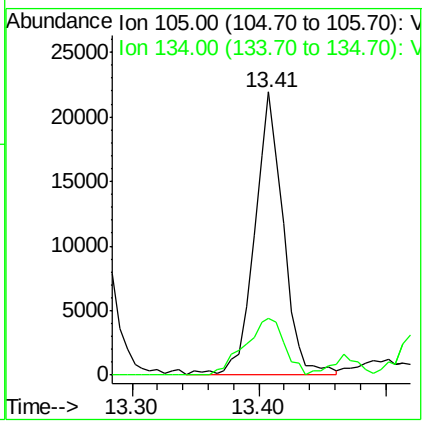


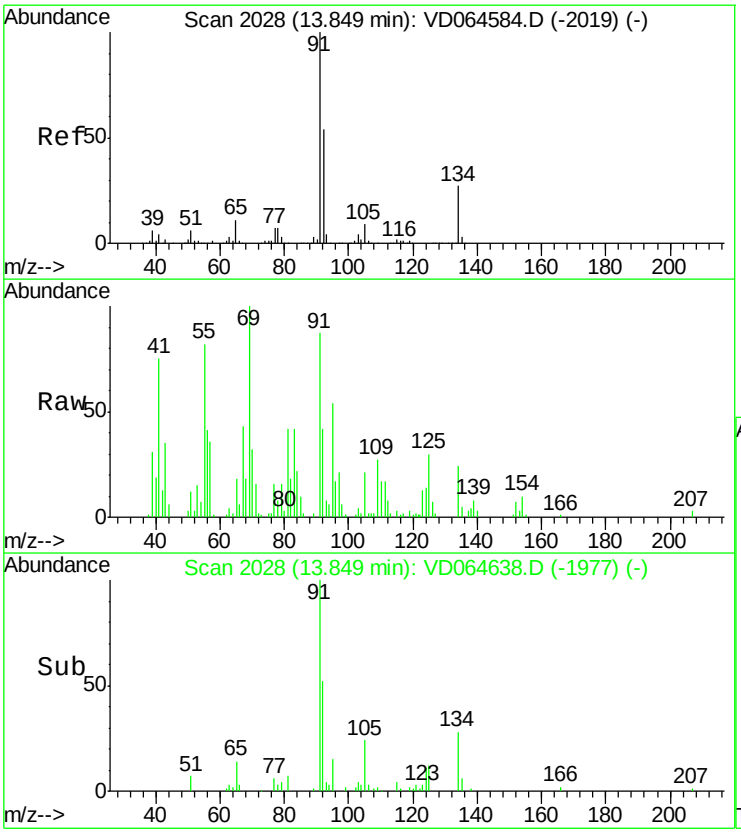
#85
sec-Butylbenzene
Concen: 1.432 ug/l
RT: 13.41 min Scan# 1953
Delta R.T. 0.00 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Instrument :
MSVOA_D
ClientSampleId :
SB-3E-(09.5)

Tgt Ion:105 Resp: 34629

Ion	Ratio	Lower	Upper
105	100		
134	27.6	10.6	31.8

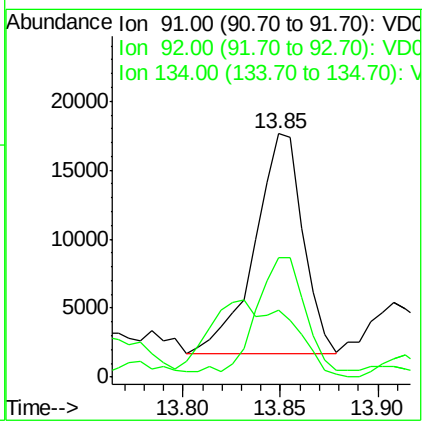


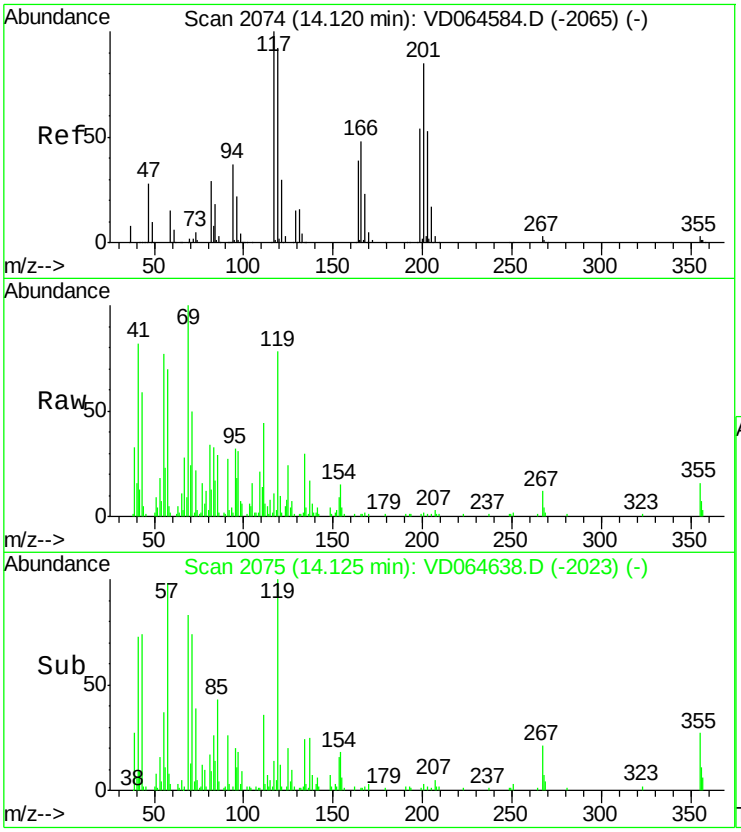


#89
n-Butylbenzene
Concen: 1.313 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Tgt Ion: 91 Resp: 27327

Ion	Ratio	Lower	Upper
91	100		
92	55.6	26.8	80.4
134	0.0	14.0	41.9#



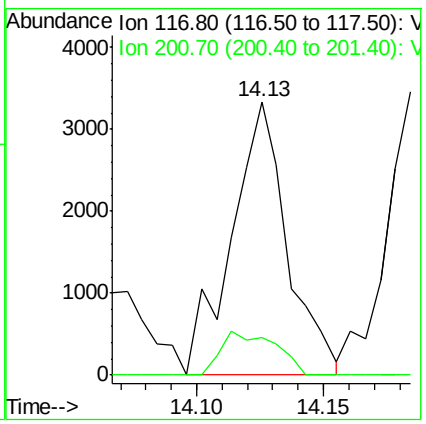


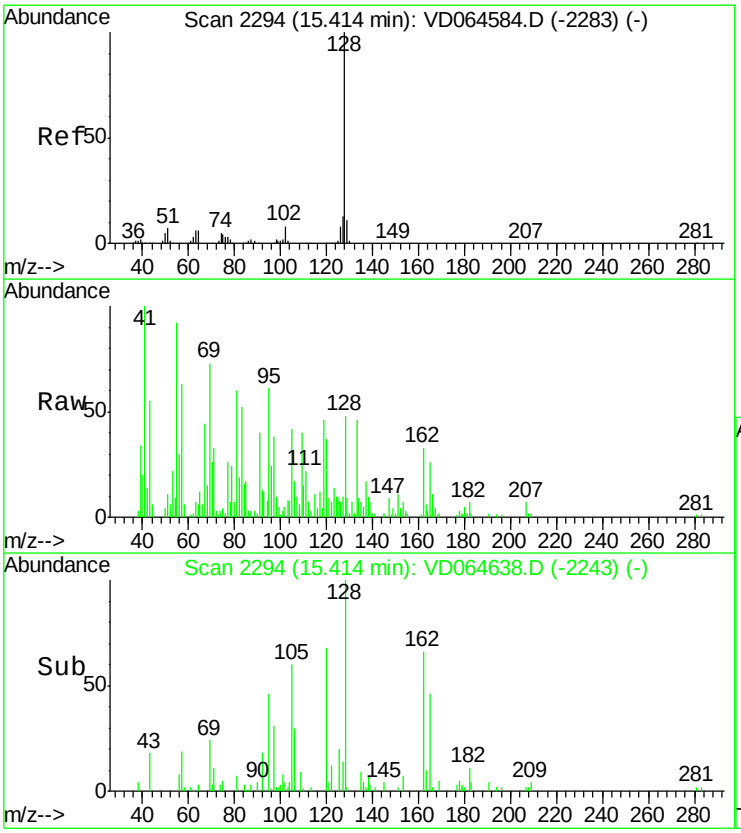
#90
Hexachloroethane
Concen: 1.155 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. 0.01 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Instrument : MSVOA_D
ClientSampleId : SB-3E-(09.5)

Tgt Ion:117 Resp: 5100

Ion	Ratio	Lower	Upper
117	100		
201	15.7	44.0	131.8#





#95
Naphthalene
Concen: 1.647 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Tgt Ion:128 Resp: 18951

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	7.6	8.5	12.7#