Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111618\
Data File : VD060395.D
Acq On : 16 Nov 2018 13:49
Operator : JC/SY
Sample : J5911-06
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FDSB-07(20-22)

Quant Time: Nov 16 16:52:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	1644271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.47	114	2271594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	1815940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.39	152	769281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.81	65	416550	35.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 70.76%			
35) Dibromofluoromethane	6.34	113	602728	35.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.16%			
50) Toluene-d8	9.48	98	1929396	38.92	ug/l	0.02
Spiked Amount 50.000			Recovery = 77.84%			
62) 4-Bromofluorobenzene	12.45	95	693771	38.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 77.24%			
Target Compounds						Qvalue
16) Acetone	3.18	43	36074	17.664	ug/l #	85
20) Methylene Chloride	3.74	84	136431	7.531	ug/l	98
31) Cyclohexane	6.38	56	676595	24.070	ug/l #	77
39) Methylcyclohexane	8.07	83	2991133	115.880	ug/l	99
73) Isopropylbenzene	12.30	105	588724	10.504	ug/l	100
78) n-propylbenzene	12.65	91	1601005	22.885	ug/l	98
86) p-Isopropyltoluene	13.36	119	499889	10.463	ug/l	87
89) n-Butylbenzene	13.67	91	1396211	27.547	ug/l	97

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

Quantitation Report (QT/LSC Reviewed)

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Acq On : 16 Nov 2018 13:49
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Misc : 5.00g/5ml/MSVOA D/SOIL
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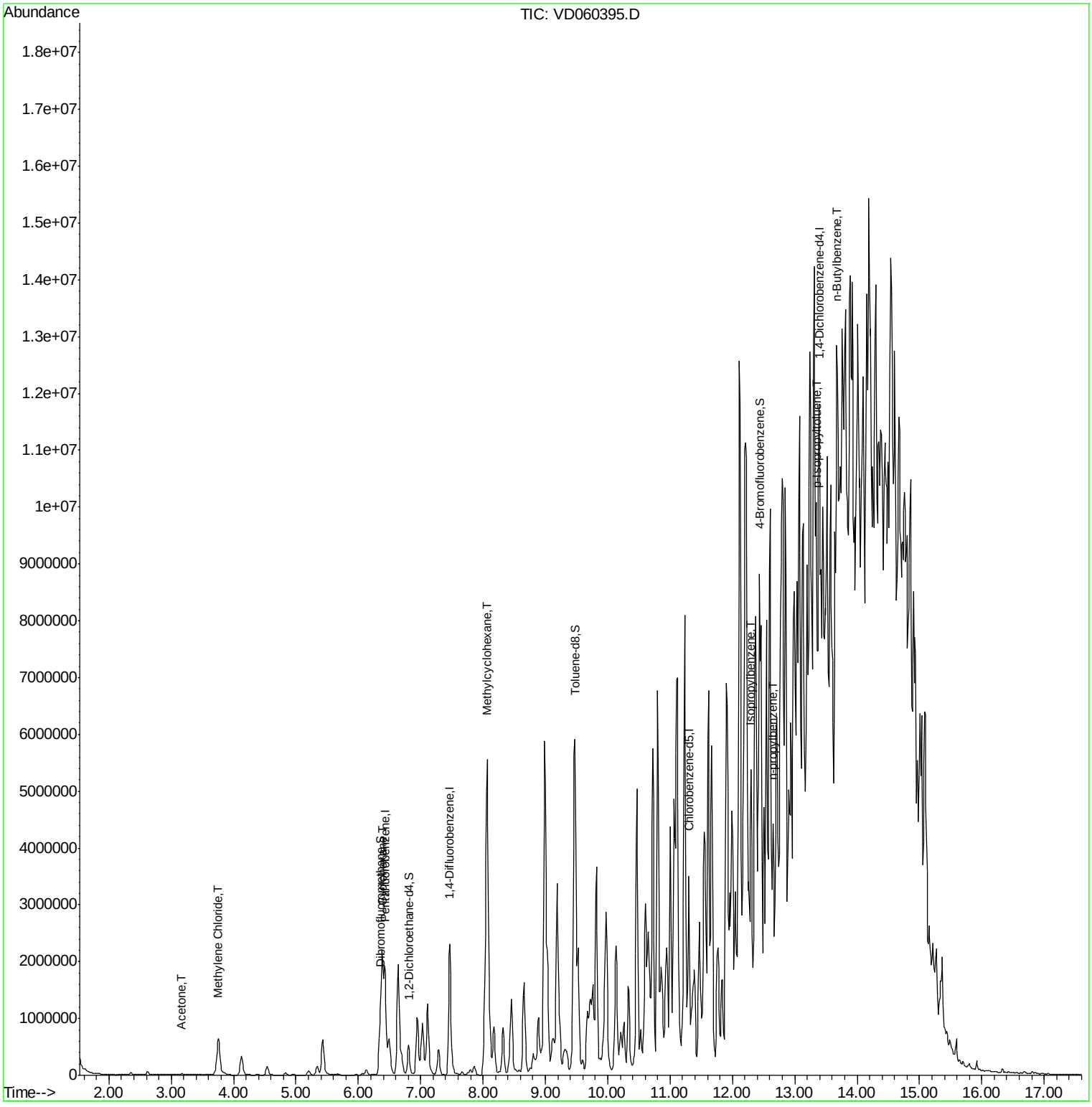
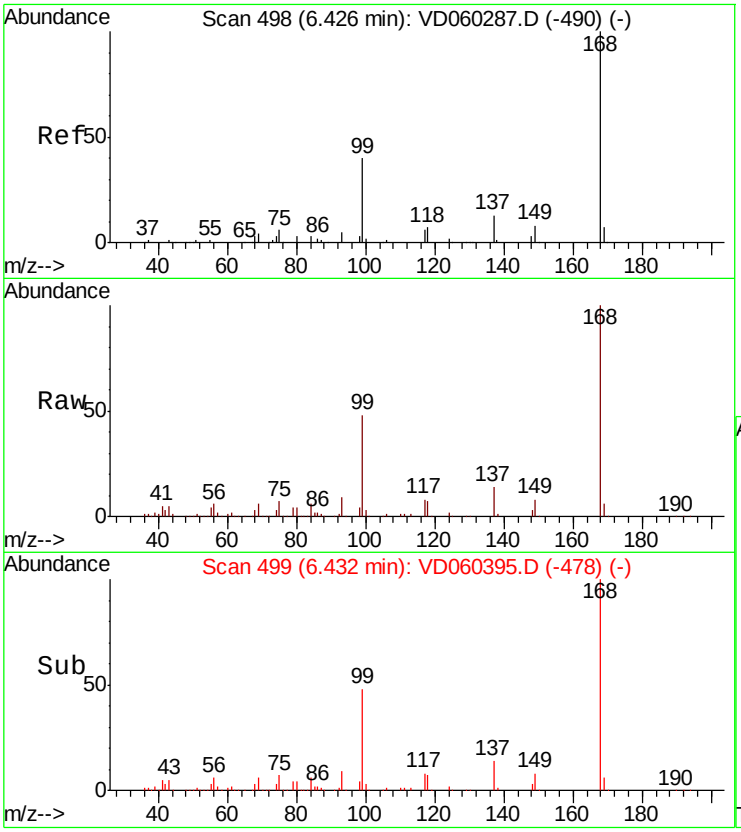
MSVOA_D
ClientSampleId :
FDSB-07(20-22)

Quant Time: Nov 16 16:52:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration



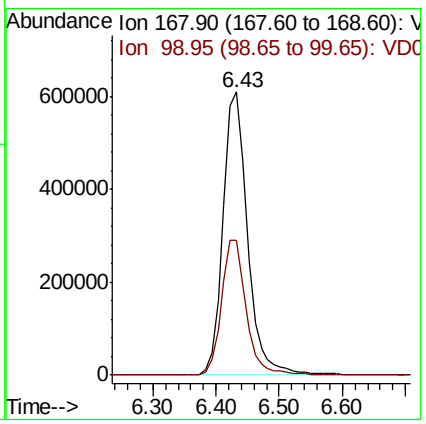


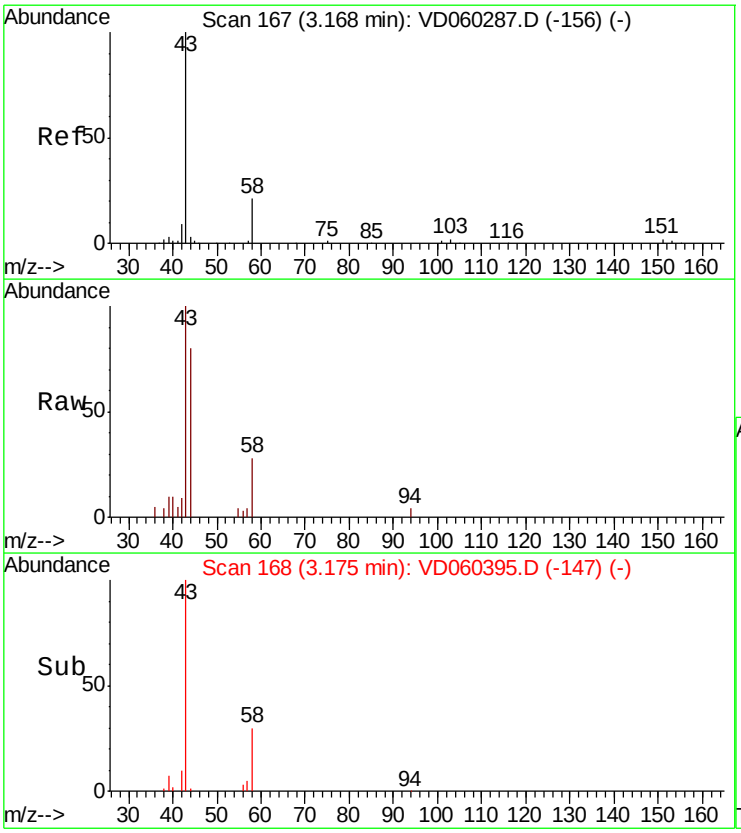
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.43 min Scan# 499
Delta R.T. 0.01 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Instrument :
MSVOA_D
ClientSampleId :
FDSB-07(20-22)

Tgt Ion:168 Resp: 1644271

Ion	Ratio	Lower	Upper
168	100		
99	47.6	39.8	59.8

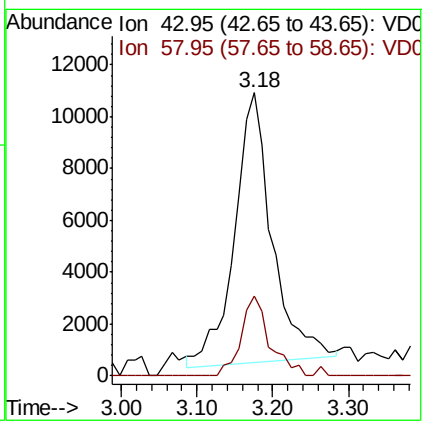


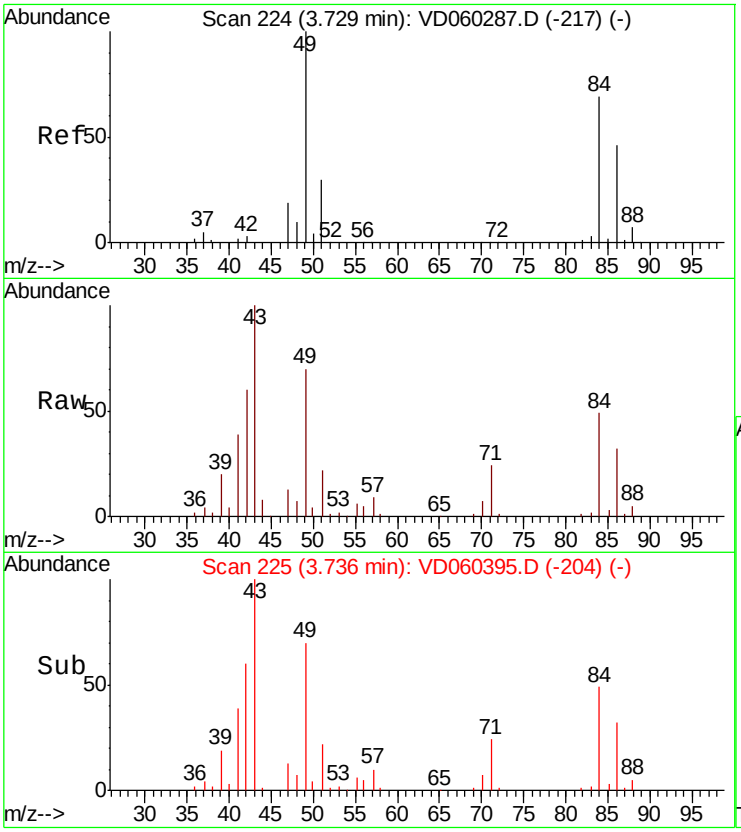


#16
Acetone
Concen: 17.664 ug/l
RT: 3.18 min Scan# 168
Delta R.T. 0.01 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Tgt Ion: 43 Resp: 36074

Ion	Ratio	Lower	Upper
43	100		
58	28.1	16.9	25.3#



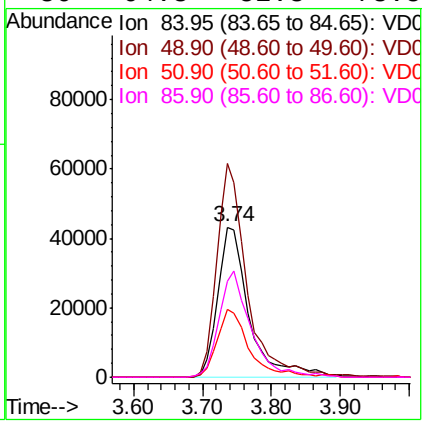


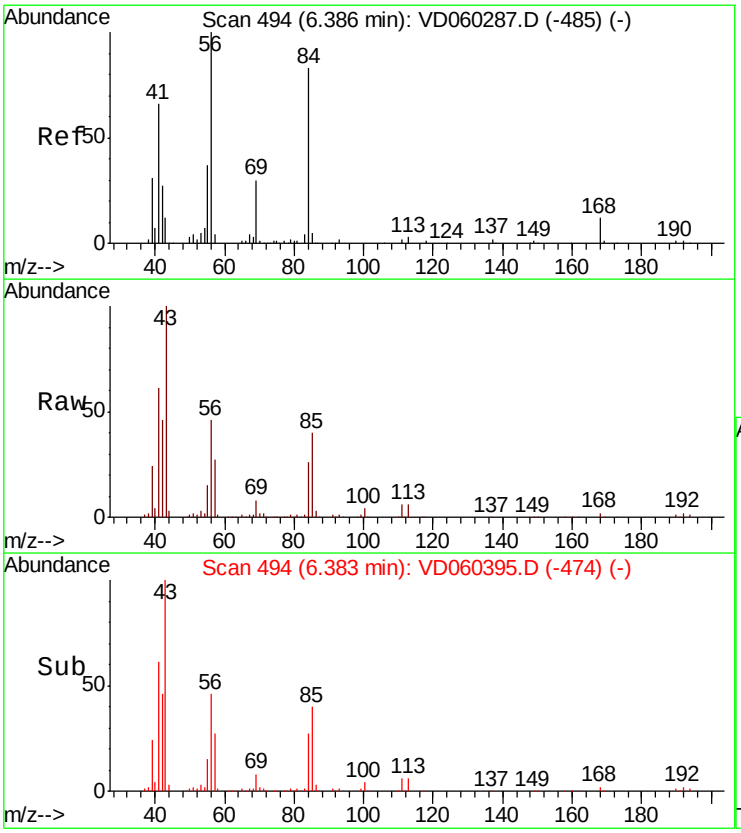
#20
Methylene Chloride
Concen: 7.531 ug/l
RT: 3.74 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Instrument : MSVOA_D
ClientSampleId : FDSB-07(20-22)

Tgt Ion: 84 Resp: 136431

Ion	Ratio	Lower	Upper
84	100		
49	142.2	115.6	173.4
51	44.9	35.6	53.4
86	64.3	52.3	78.5

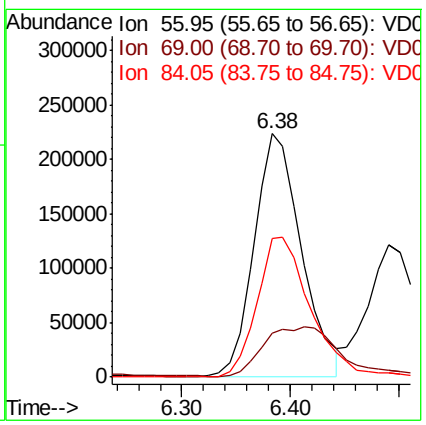


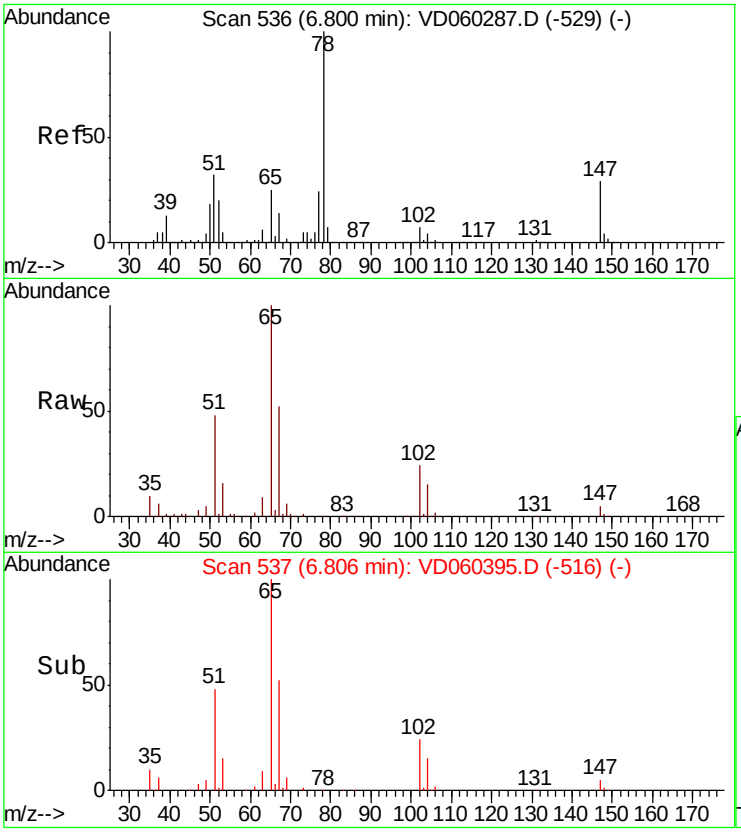


#31
Cyclohexane
Concen: 24.070 ug/l
RT: 6.38 min Scan# 494
Delta R.T. -0.00 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Tgt Ion: 56 Resp: 676595

Ion	Ratio	Lower	Upper
56	100		
69	17.8	22.2	33.2#
84	57.0	63.0	94.4#



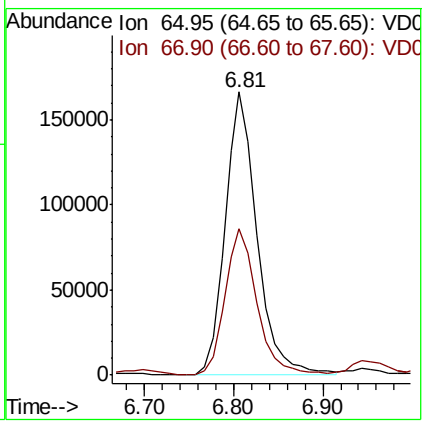


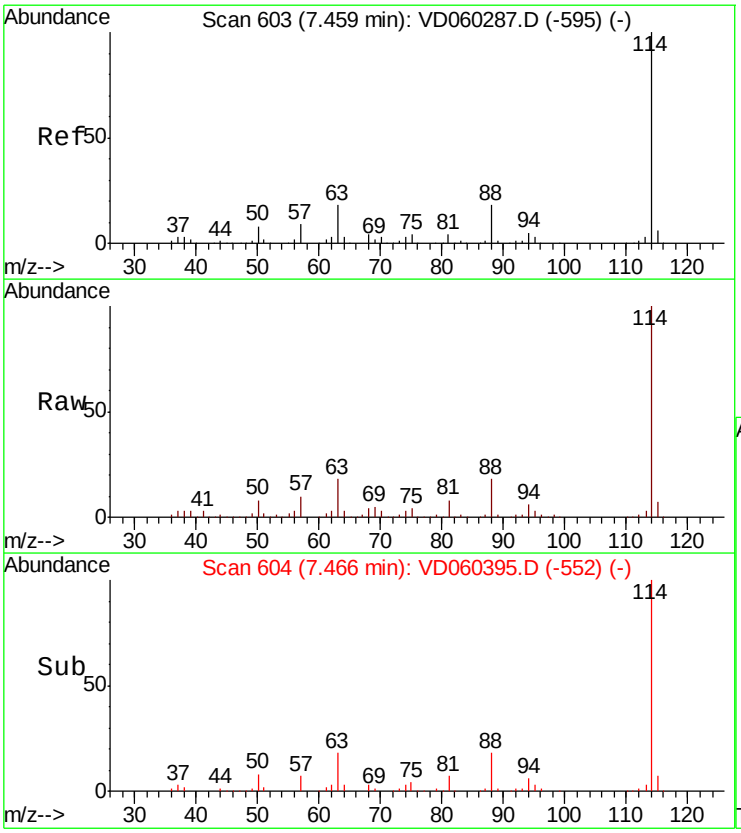
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.81 min Scan# 537
Delta R.T. 0.01 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Instrument :
MSVOA_D
ClientSampleId :
FDSB-07(20-22)

Tgt Ion: 65 Resp: 416550

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	109.8

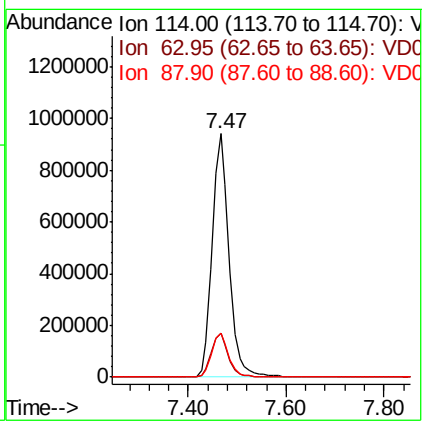


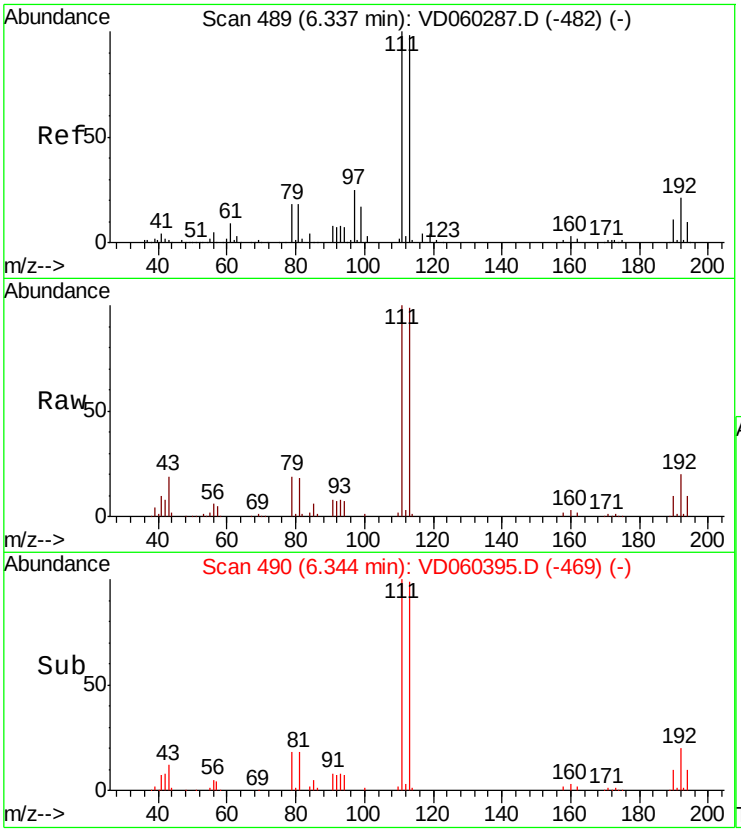


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Tgt Ion:114 Resp: 2271594

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	34.0
88	18.3	0.0	35.4



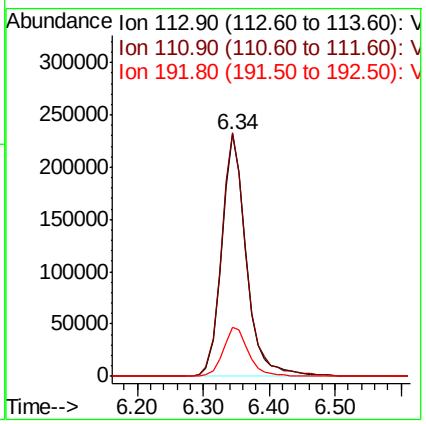


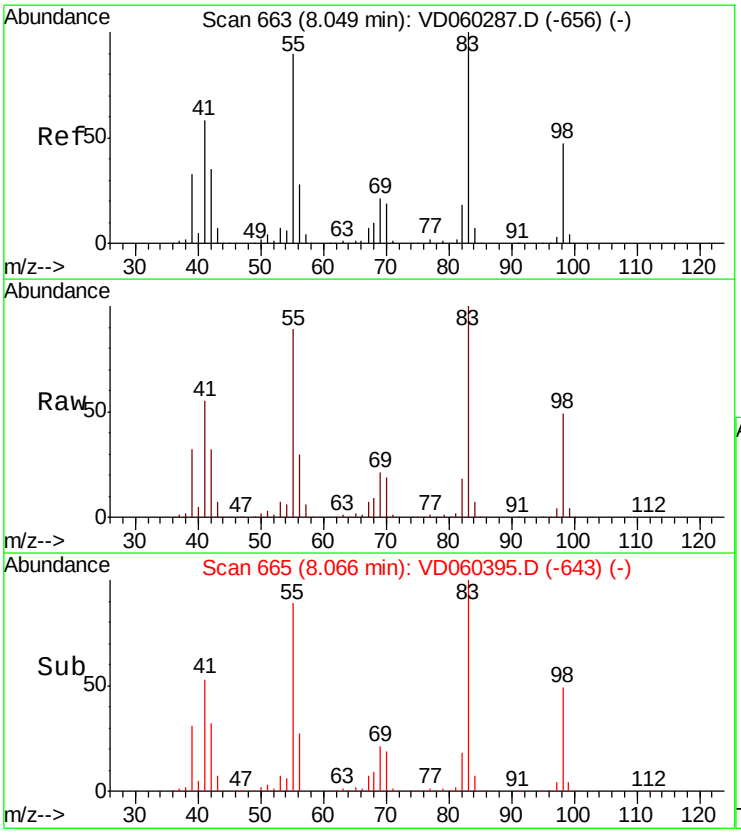
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.34 min Scan# 490
Delta R.T. 0.01 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Instrument :
MSVOA_D
ClientSampleId :
FDSB-07(20-22)

Tgt Ion:113 Resp: 602728

Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.6	122.4
192	20.4	16.5	24.7

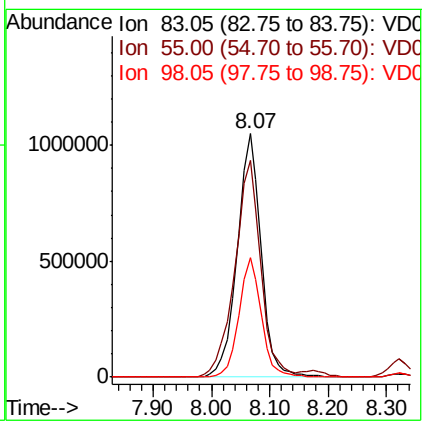


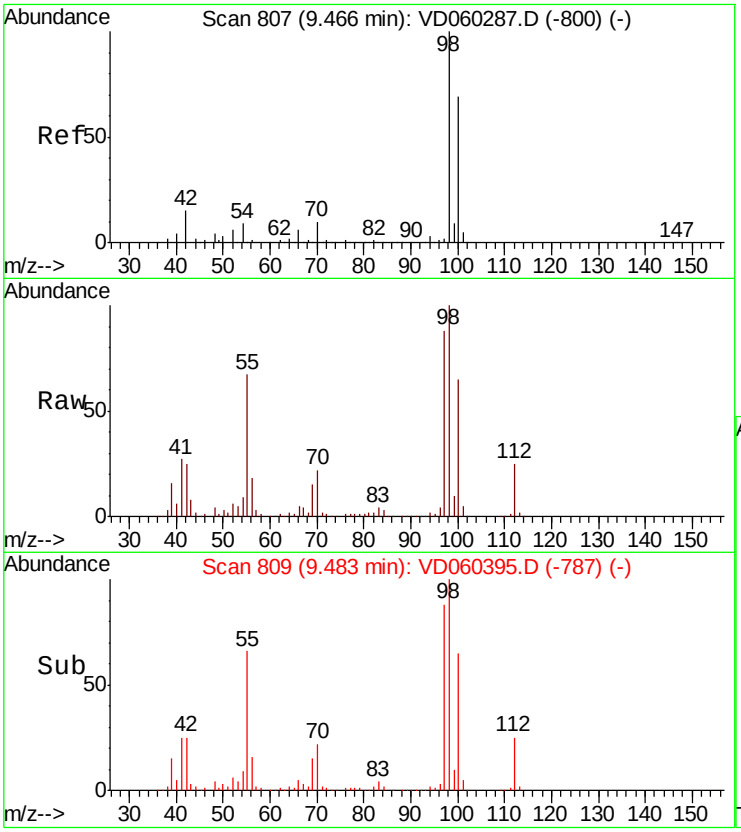


#39
Methylcyclohexane
Concen: 115.880 ug/l
RT: 8.07 min Scan# 665
Delta R.T. 0.02 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Tgt Ion: 83 Resp: 2991133

Ion	Ratio	Lower	Upper
83	100		
55	88.9	71.2	106.8
98	49.1	38.4	57.6



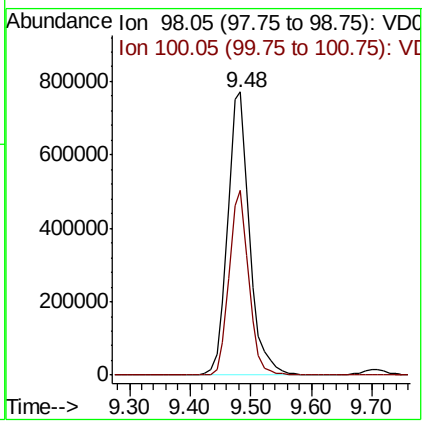


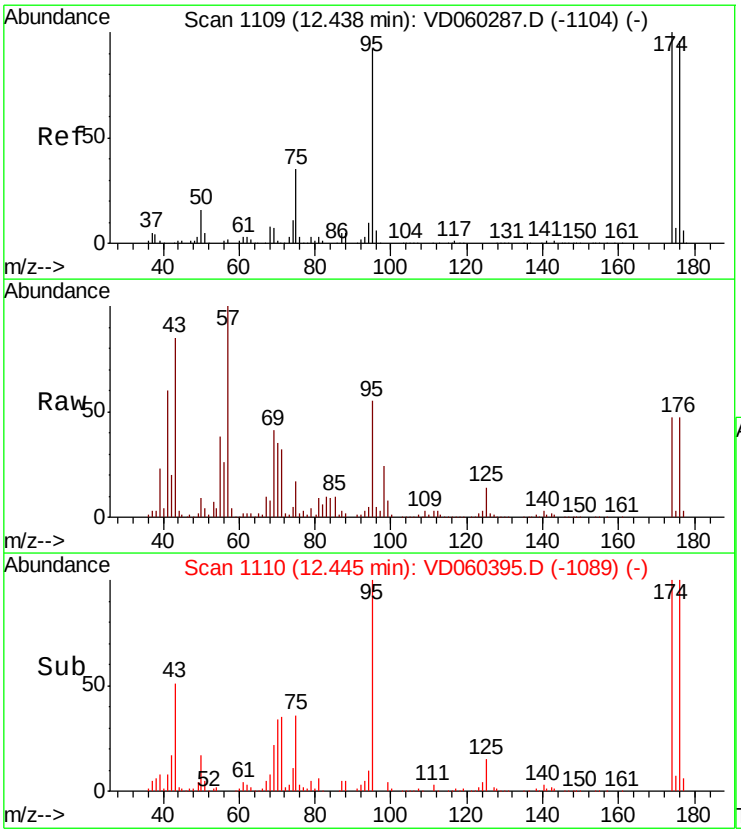
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.48 min Scan# 809
Delta R.T. 0.02 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Instrument :
MSVOA_D
ClientSampleId :
FDSB-07(20-22)

Tgt Ion: 98 Resp: 1929396

Ion	Ratio	Lower	Upper
98	100		
100	65.3	55.2	82.8

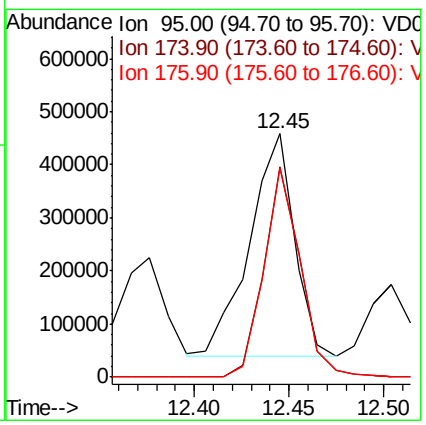


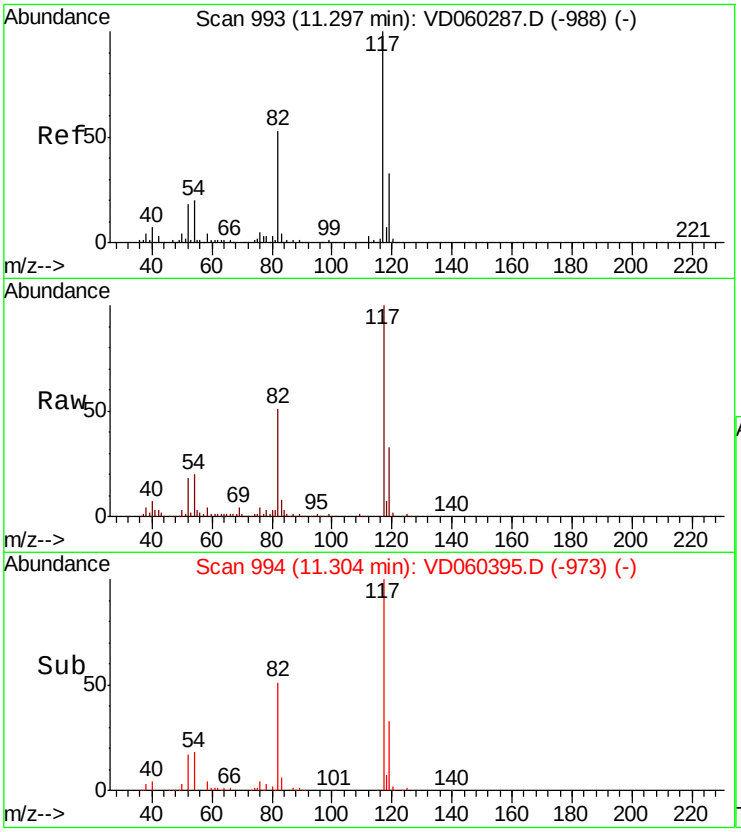


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.45 min Scan# 1110
Delta R.T. 0.01 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Tgt Ion: 95 Resp: 693771

Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	160.8
176	86.1	0.0	154.6



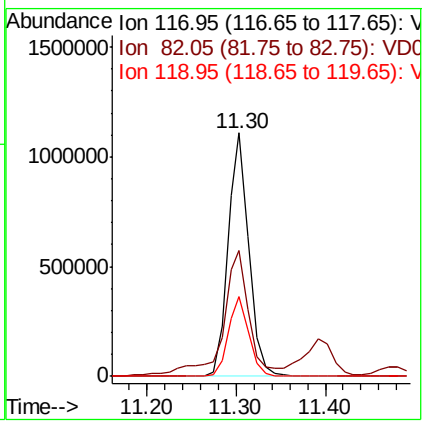


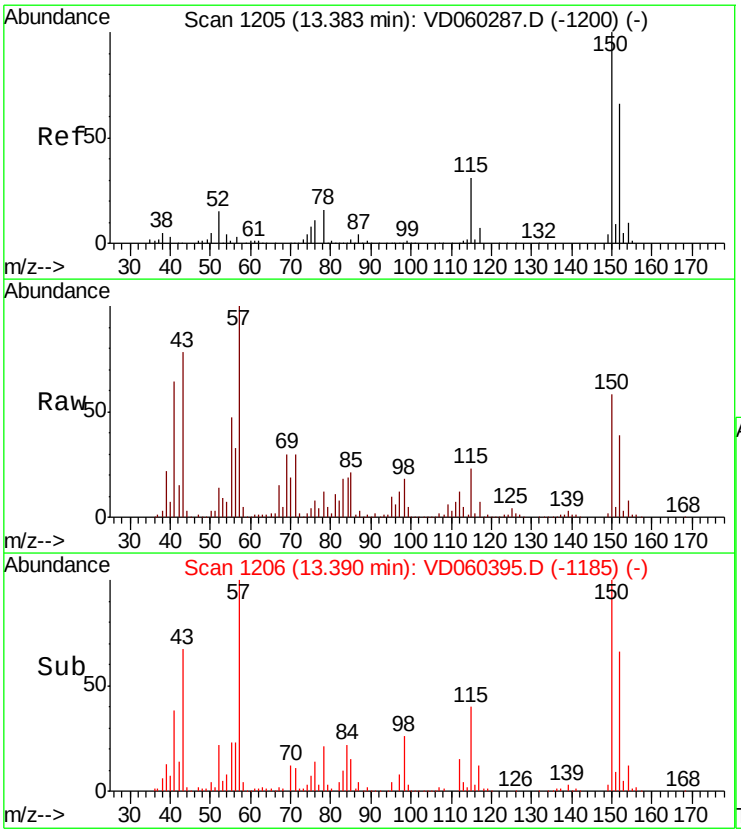
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.30 min Scan# 994
Delta R.T. 0.01 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Instrument :
MSVOA_D
ClientSampleId :
FDSB-07(20-22)

Tgt Ion:117 Resp: 1815940

Ion	Ratio	Lower	Upper
117	100		
82	51.5	43.7	65.5
119	32.7	26.1	39.1

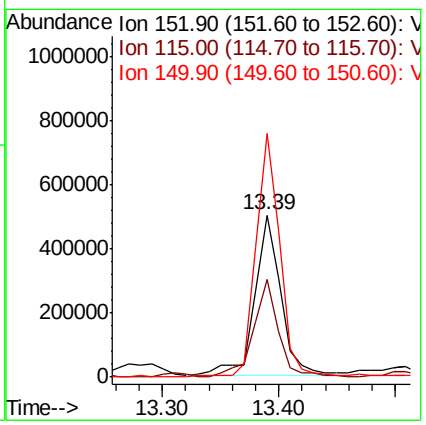


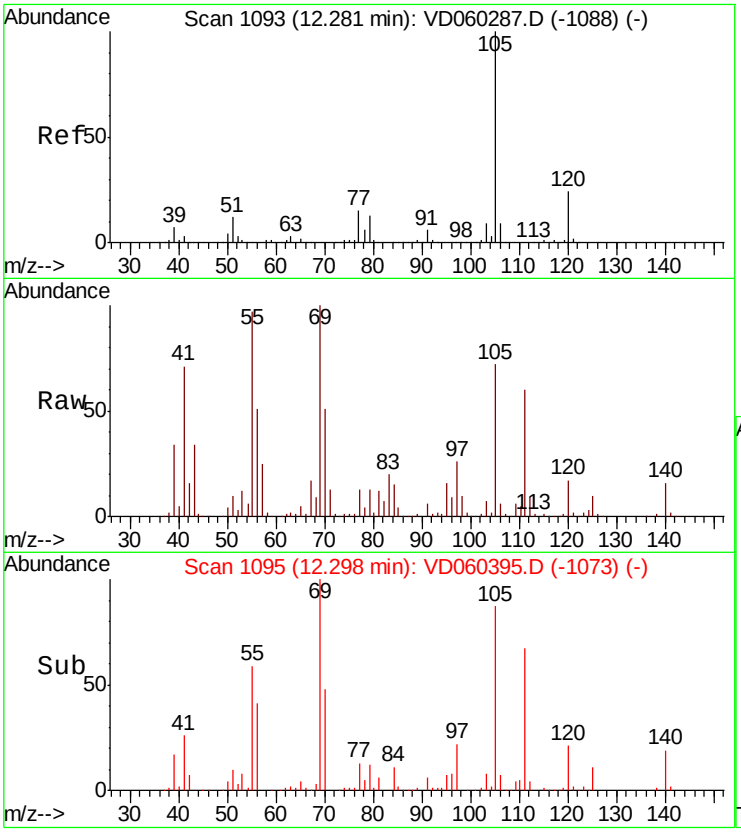


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.39 min Scan# 1206
Delta R.T. 0.01 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Tgt Ion:152 Resp: 769281

Ion	Ratio	Lower	Upper
152	100		
115	60.1	24.1	72.3
150	150.2	0.0	310.6



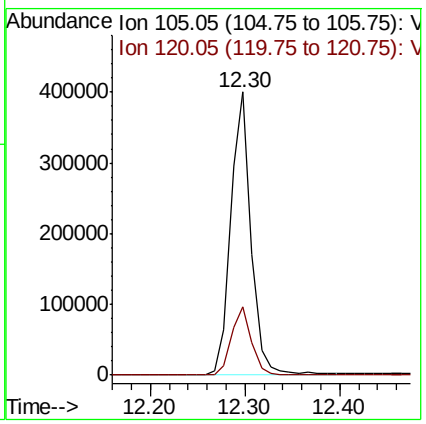


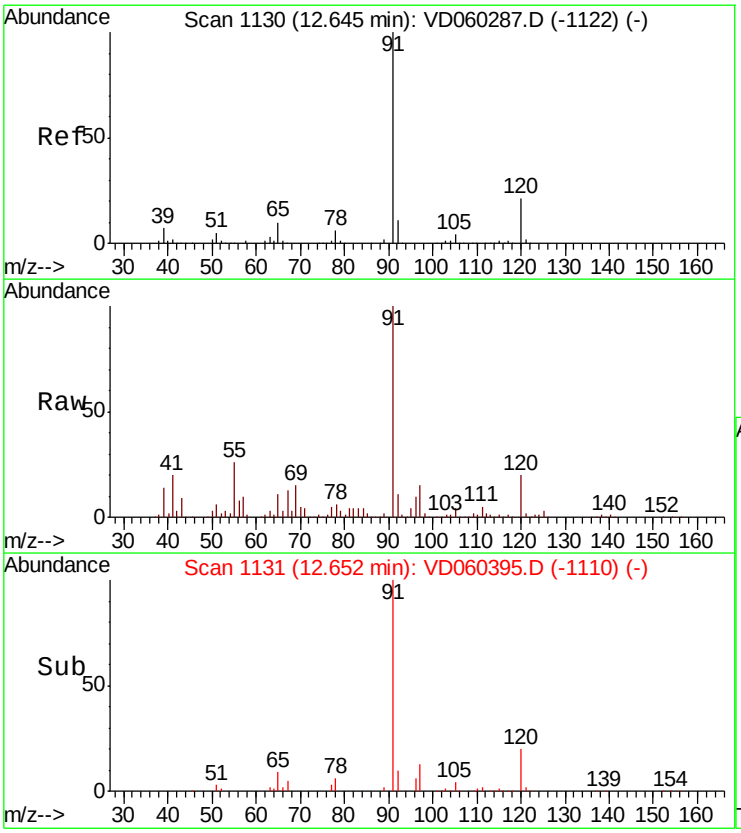
#73
Isopropylbenzene
Concen: 10.504 ug/l
RT: 12.30 min Scan# 1095
Delta R.T. 0.02 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Instrument : MSVOA_D
ClientSampleId : FDSB-07(20-22)

Tgt Ion:105 Resp: 588724

Ion	Ratio	Lower	Upper
105	100		
120	24.2	12.1	36.3

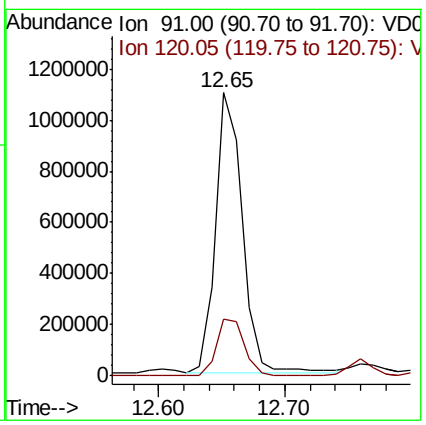


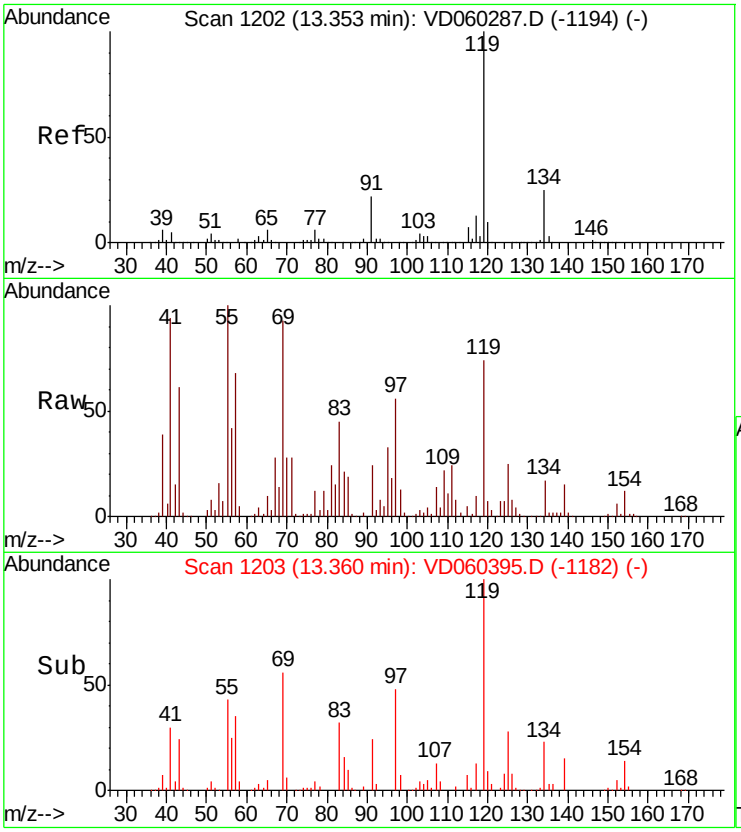


#78
n-propylbenzene
Concen: 22.885 ug/l
RT: 12.65 min Scan# 1131
Delta R.T. 0.01 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Tgt Ion: 91 Resp: 1601005

Ion	Ratio	Lower	Upper
91	100		
120	20.0	10.4	31.4



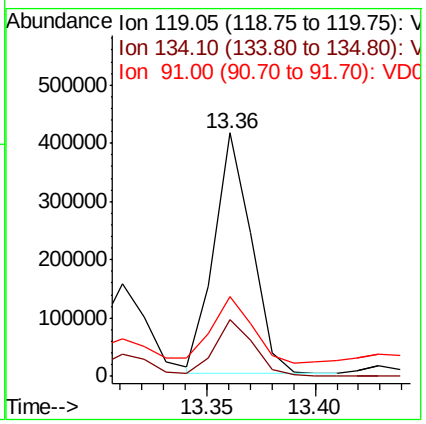


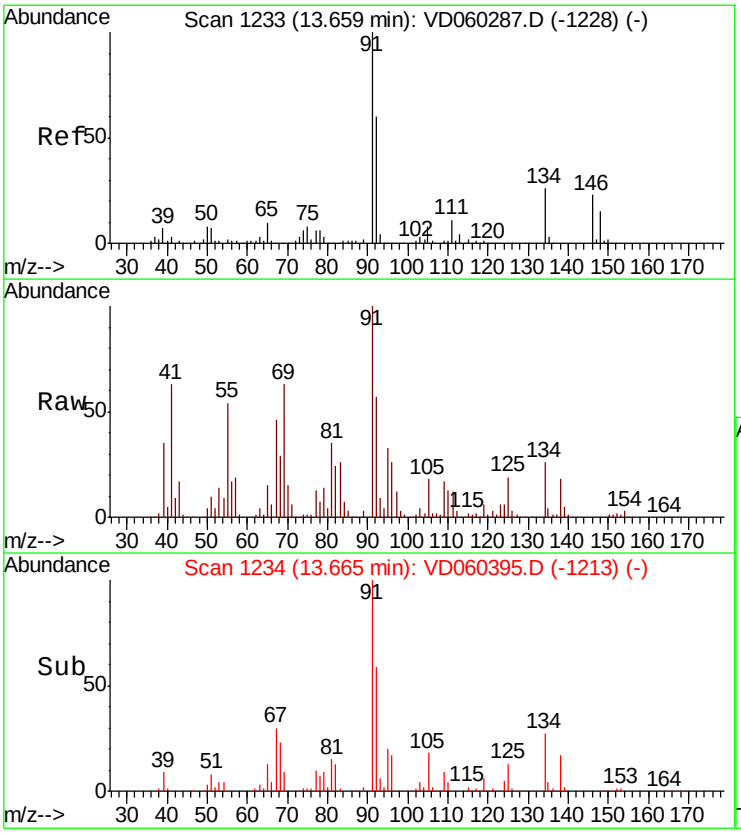
#86
p-Isopropyltoluene
Concen: 10.463 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. 0.01 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Instrument :
MSVOA_D
ClientSampleId :
FDSB-07(20-22)

Tgt Ion:119 Resp: 499889

Ion	Ratio	Lower	Upper
119	100		
134	23.2	12.9	38.6
91	32.9	11.3	33.8





#89
n-Butylbenzene
Concen: 27.547 ug/l
RT: 13.67 min Scan# 1234
Delta R.T. 0.01 min
Lab File: VD060395.D
Acq: 16 Nov 2018 13:49

Tgt Ion: 91 Resp: 1396211

Ion	Ratio	Lower	Upper
91	100		
92	57.4	30.3	90.9
134	26.1	13.0	38.9