Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD090420\
Data File : VD066562.D
Acq On : 04 Sep 2020 14:50
Operator : VA/SY
Sample : L3877-11
Misc : 5.77G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-3

Quant Time: Sep 05 04:54:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	386519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	706105	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	652921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	271295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	254413	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.80%			
35) Dibromofluoromethane	7.91	113	239314	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.48%			
50) Toluene-d8	10.34	98	876617	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.98%			
62) 4-Bromofluorobenzene	12.63	95	290325	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.86%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.36	83	9748	1.188	ug/l	91
40) Benzene	8.34	78	230067	11.431	ug/l	98
67) Ethyl Benzene	11.74	91	214664	8.675	ug/l	99
68) m/p-Xylenes	11.86	106	34978	3.807	ug/l	98
69) o-Xylene	12.18	106	12554	1.525	ug/l	86
80) 1,3,5-Trimethylbenzene	12.96	105	38346	2.268	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	74413	4.421	ug/l	99
95) Naphthalene	15.41	128	210369	25.814	ug/l	99

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

Quantitation Report (LSC Reviewed)

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Acq On : 04 Sep 2020 14:50
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Misc : 5.77G/5.00ml/MSVOA_D/SOIL
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
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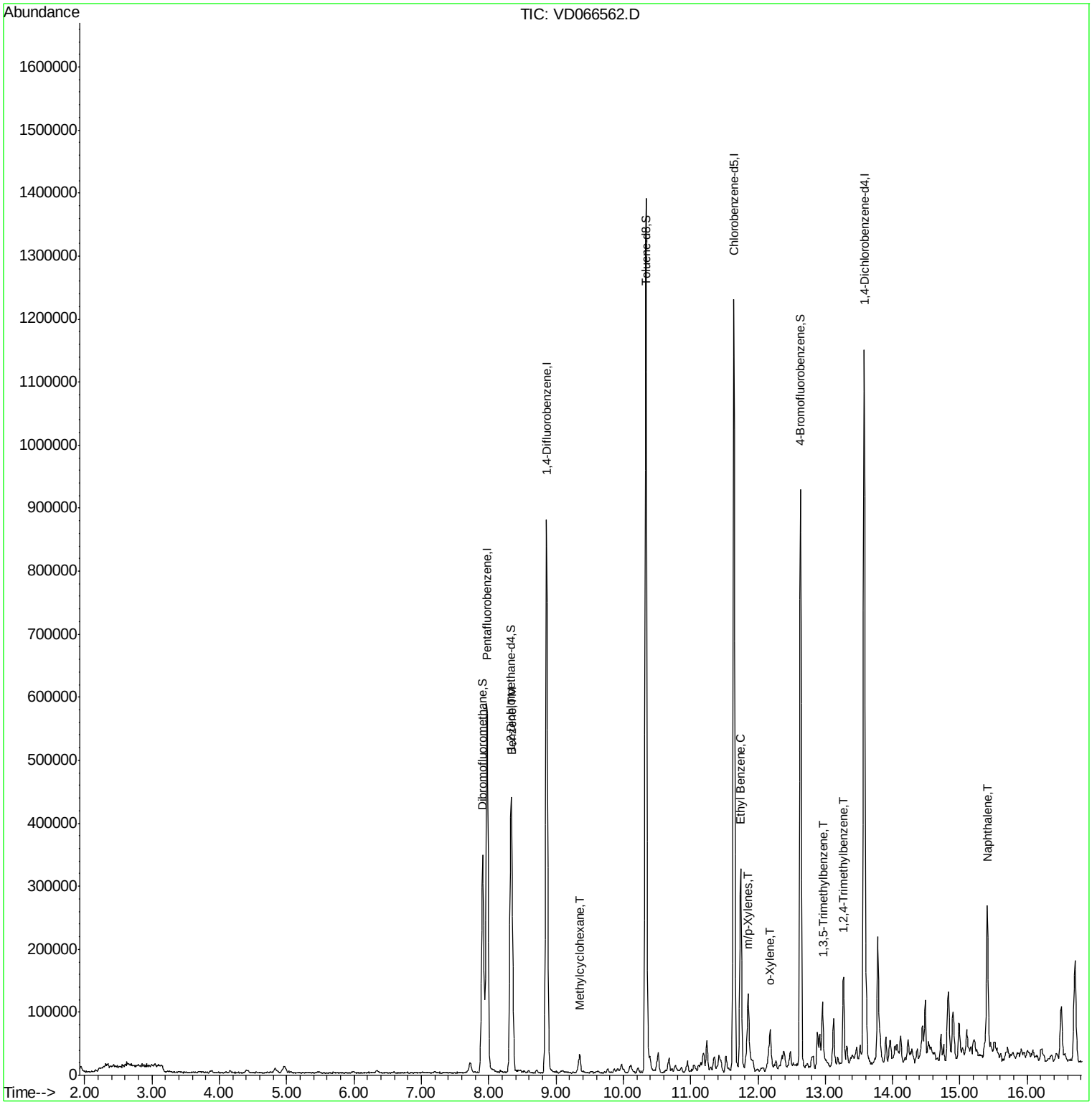
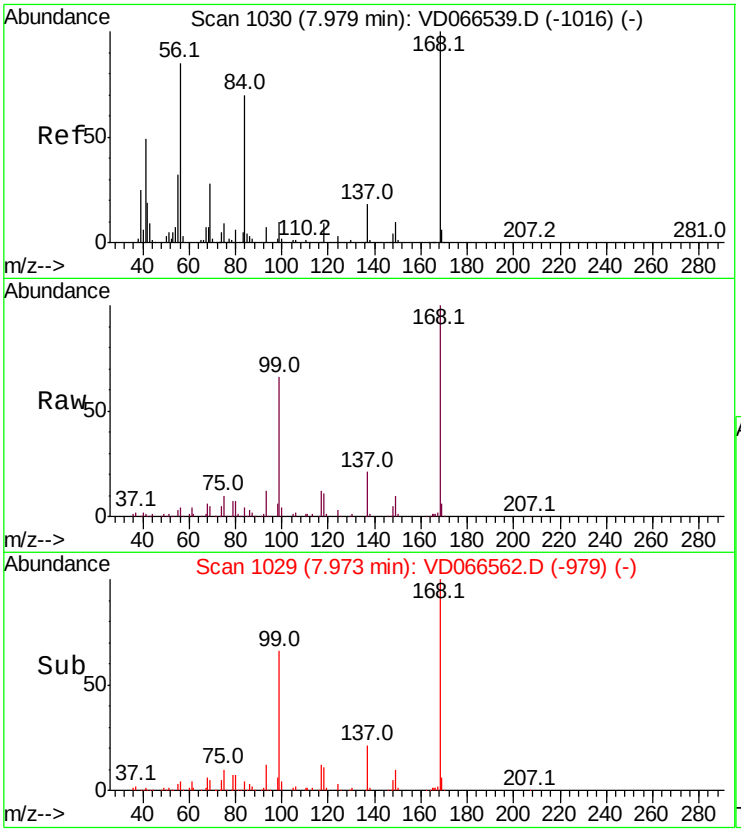
Response via : Initial Calibration



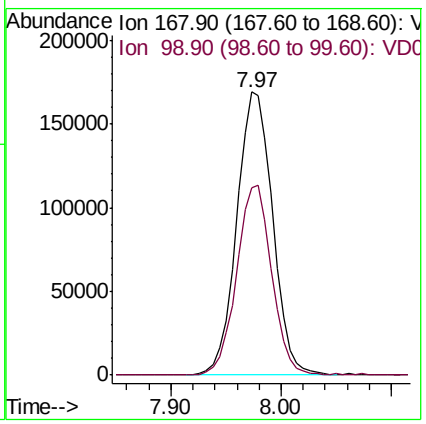


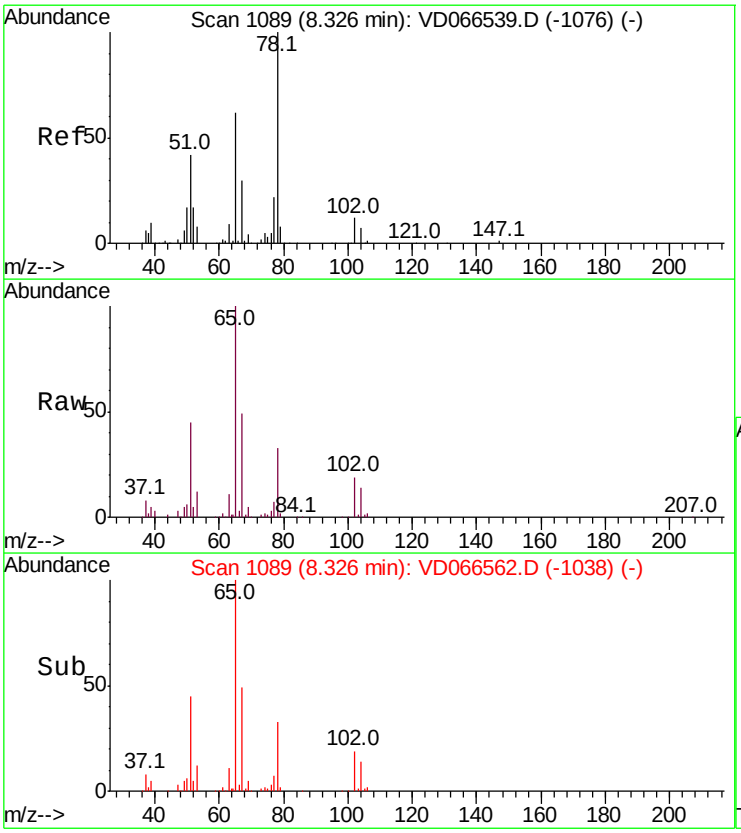
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066562.D
Acq: 04 Sep 2020 14:50

Instrument : MSVOA_D
ClientSampleId : TP-3

Tgt Ion:168 Resp: 386519

Ion	Ratio	Lower	Upper
168	100		
99	66.3	50.5	75.7

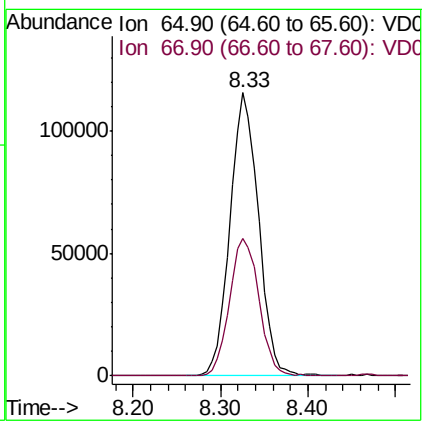


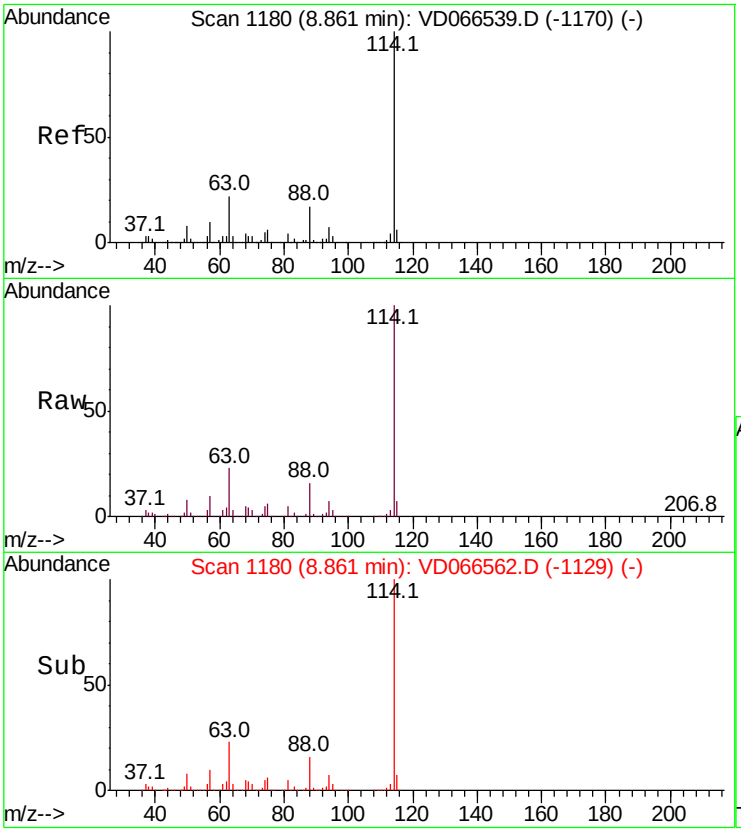


#33
1,2-Dichloroethane-d4
Concen: 54.402 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VD066562.D
Acq: 04 Sep 2020 14:50

Tgt Ion: 65 Resp: 254413

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	102.8



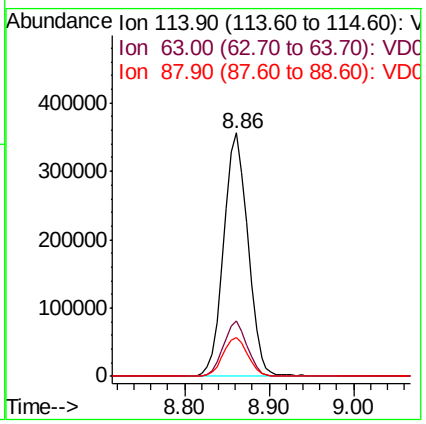


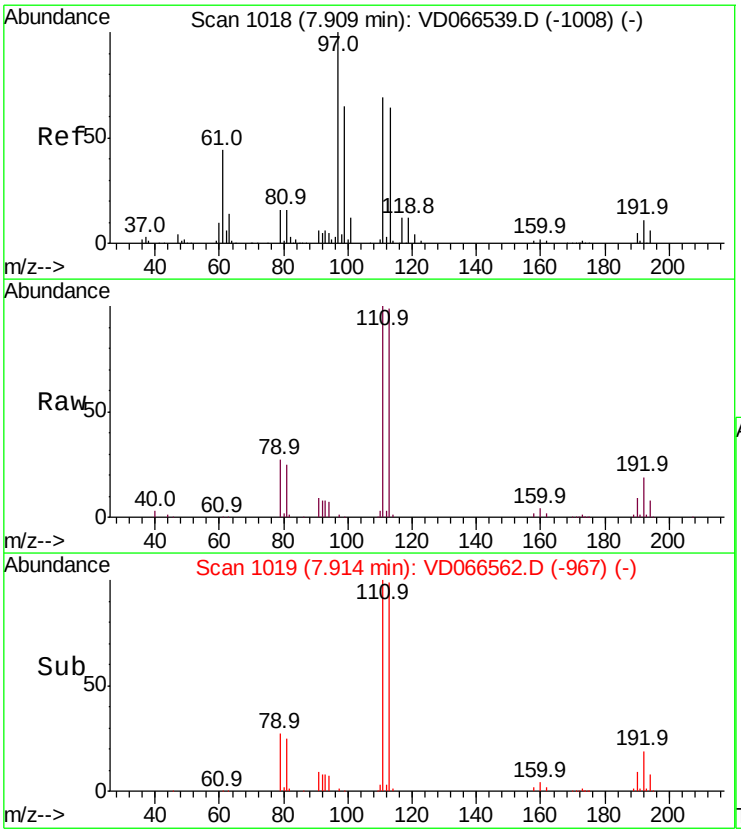
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD066562.D
Acq: 04 Sep 2020 14:50

Instrument : MSVOA_D
ClientSampleId : TP-3

Tgt Ion:114 Resp: 706105

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	43.2
88	16.0	0.0	33.2

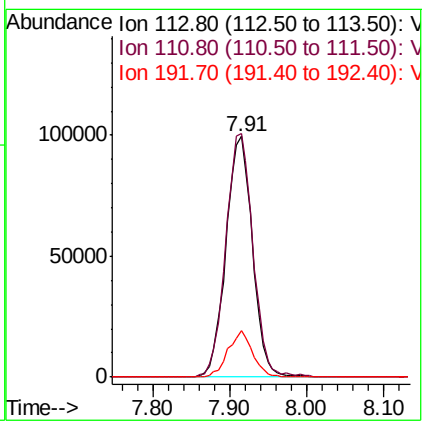


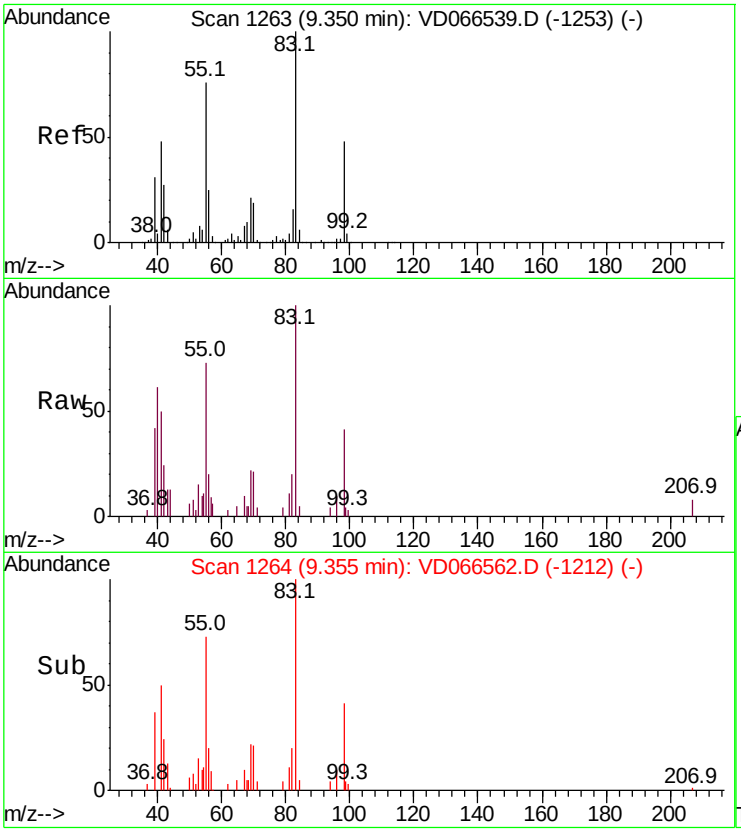


#35
Dibromofluoromethane
Concen: 50.240 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066562.D
Acq: 04 Sep 2020 14:50

Tgt Ion:113 Resp: 239314

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.2	124.8
192	17.9	13.7	20.5



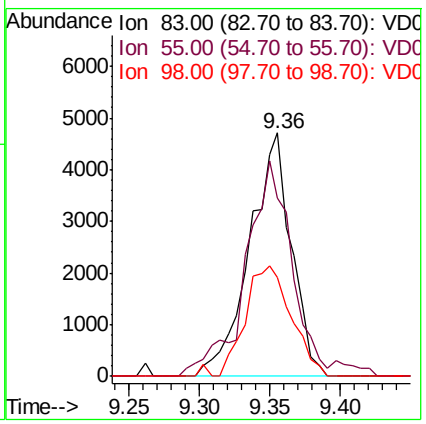


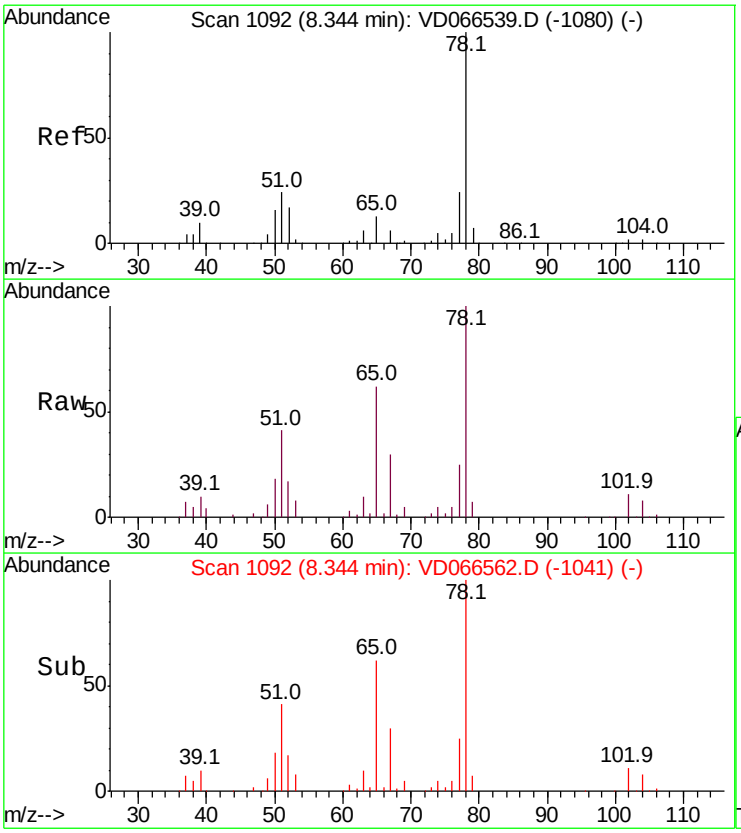
#39
Methylcyclohexane
Concen: 1.188 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066562.D
Acq: 04 Sep 2020 14:50

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion: 83 Resp: 9748

Ion	Ratio	Lower	Upper
83	100		
55	70.0	60.8	91.2
98	40.6	38.6	58.0

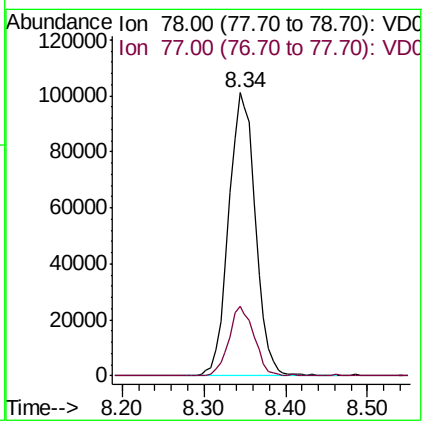


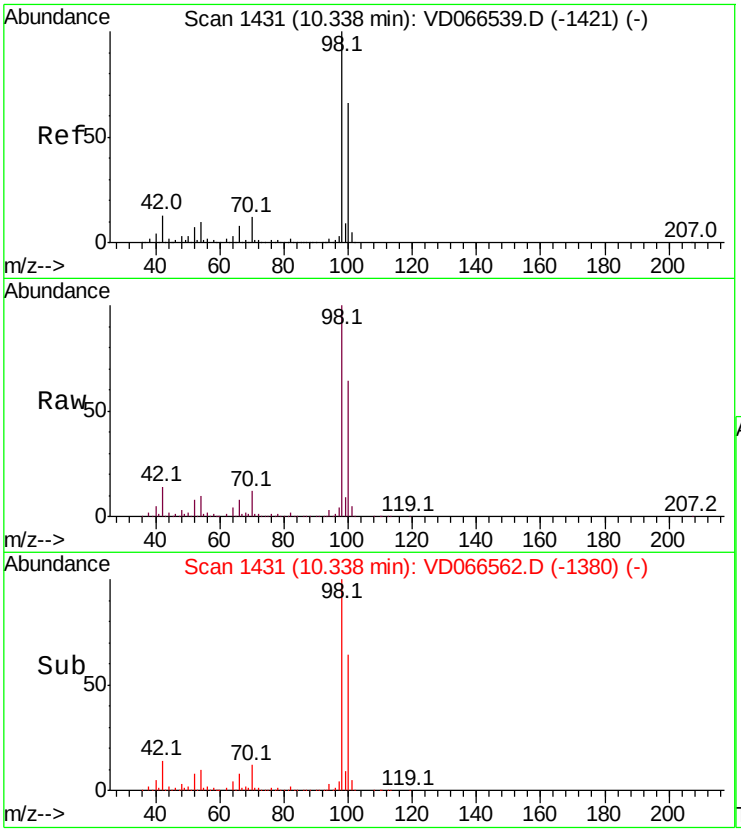


#40
Benzene
Concen: 11.431 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066562.D
Acq: 04 Sep 2020 14:50

Tgt Ion: 78 Resp: 230067

Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.1	28.7



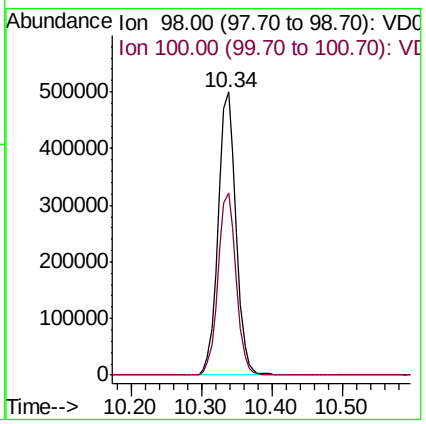


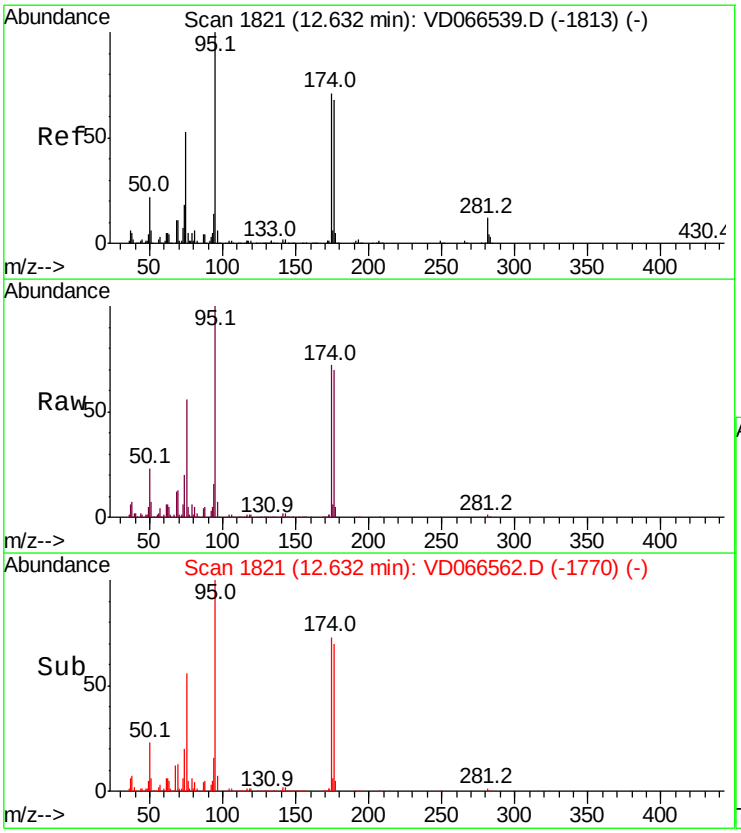
#50
Toluene-d8
Concen: 51.489 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066562.D
Acq: 04 Sep 2020 14:50

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion: 98 Resp: 876617

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.9	79.3

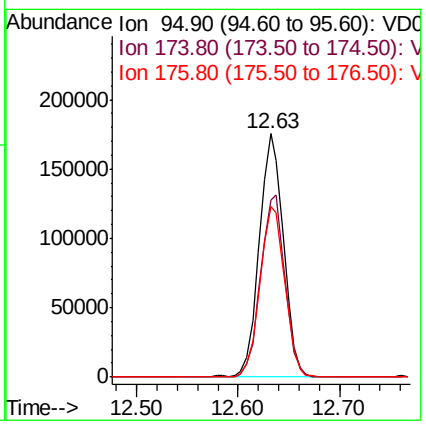


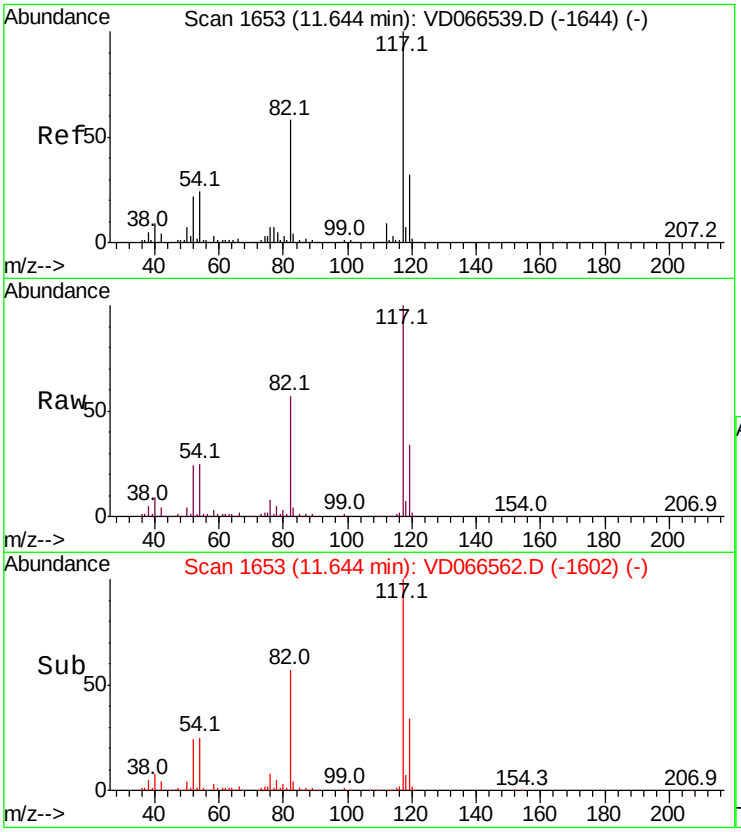


#62
4-Bromofluorobenzene
Concen: 51.427 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066562.D
Acq: 04 Sep 2020 14:50

Tgt Ion: 95 Resp: 290325

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	155.8
176	71.7	0.0	148.6



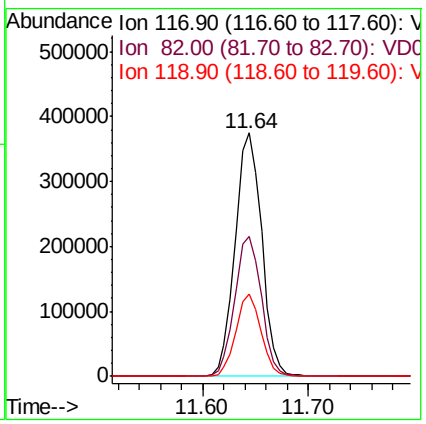


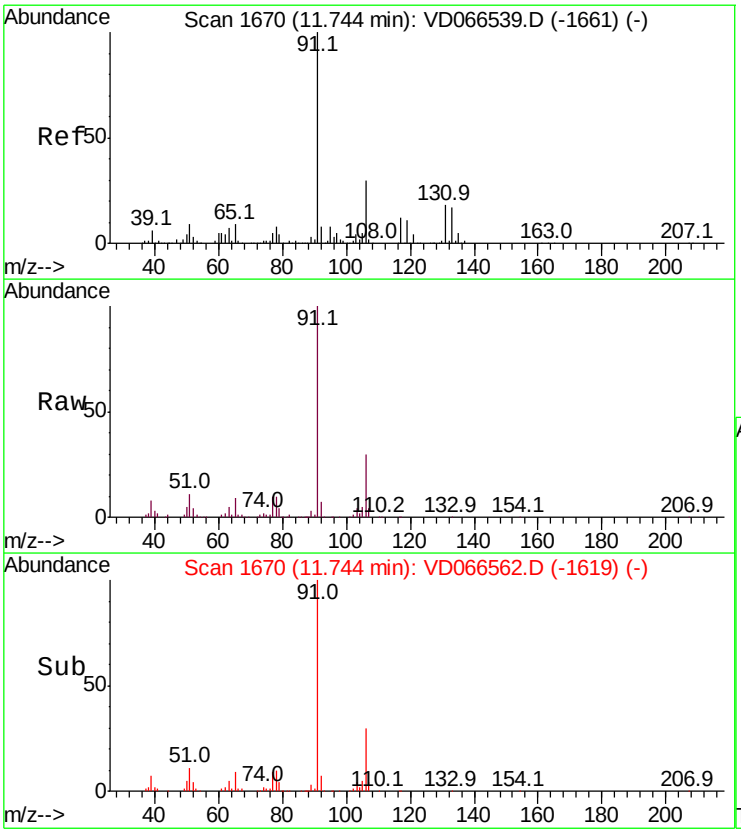
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066562.D
Acq: 04 Sep 2020 14:50

Instrument : MSVOA_D
ClientSampleId : TP-3

Tgt Ion:117 Resp: 652921

Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.2	69.2
119	33.8	25.8	38.8

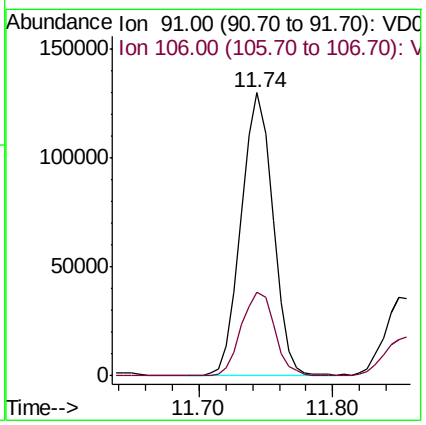


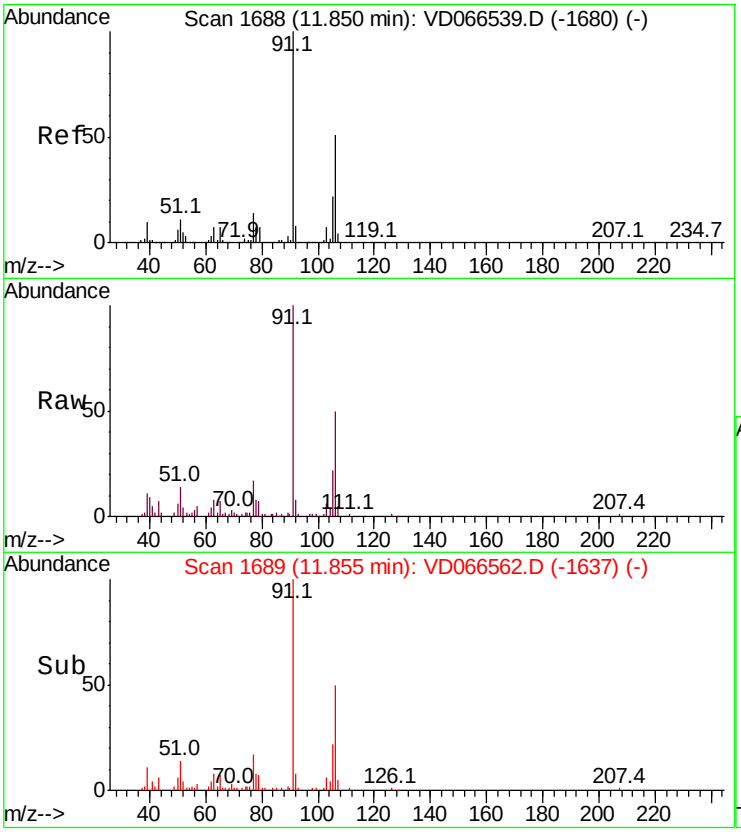


#67
Ethyl Benzene
Concen: 8.675 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066562.D
Acq: 04 Sep 2020 14:50

Tgt Ion: 91 Resp: 214664

Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.3	36.5



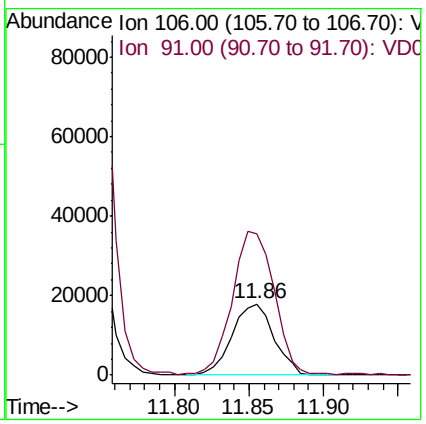


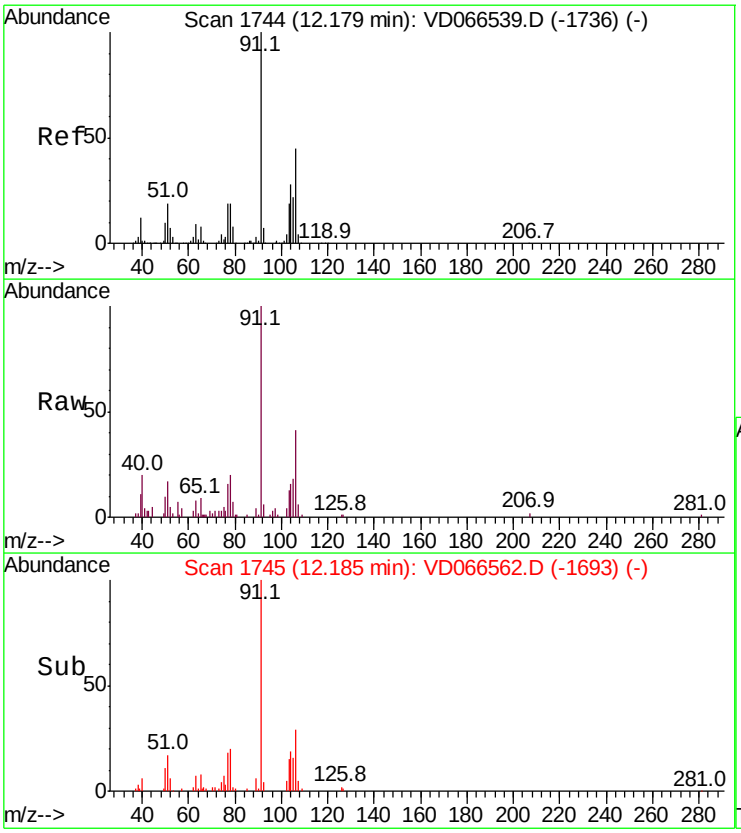
#68
m/p-Xylenes
Concen: 3.807 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066562.D
Acq: 04 Sep 2020 14:50

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion:106 Resp: 34978

Ion	Ratio	Lower	Upper
106	100		
91	199.7	162.4	243.6

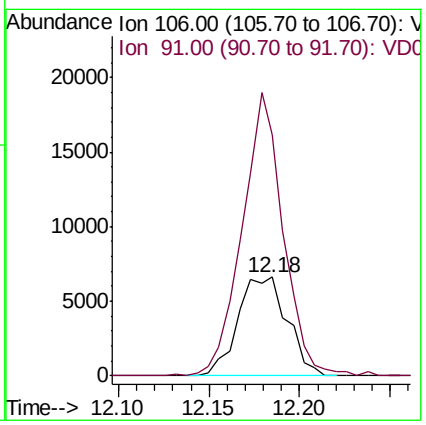


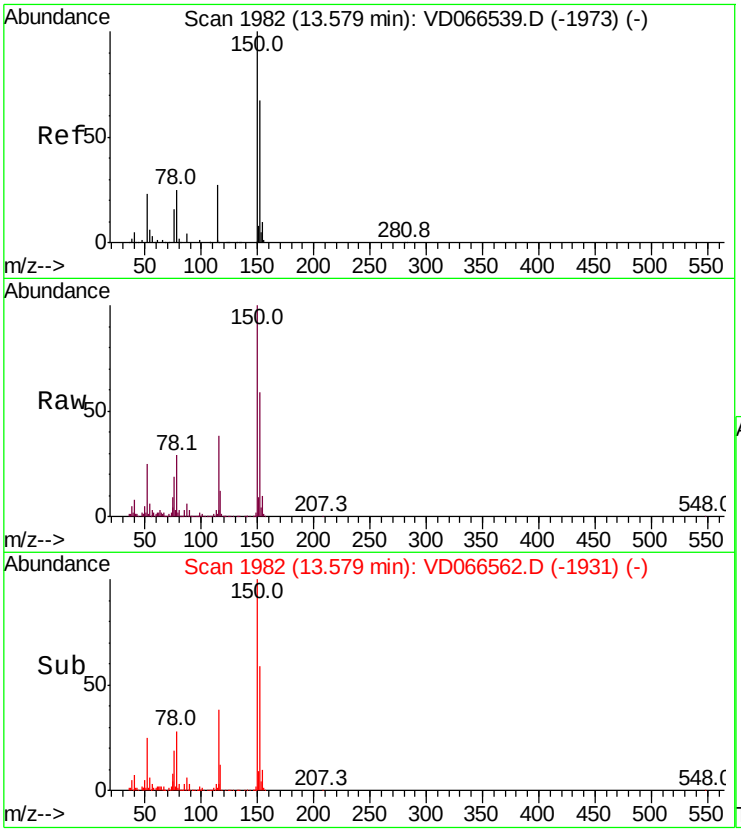


#69
o-Xylene
Concen: 1.525 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066562.D
Acq: 04 Sep 2020 14:50

Tgt Ion:106 Resp: 12554

Ion	Ratio	Lower	Upper
106	100		
91	238.4	107.9	323.8



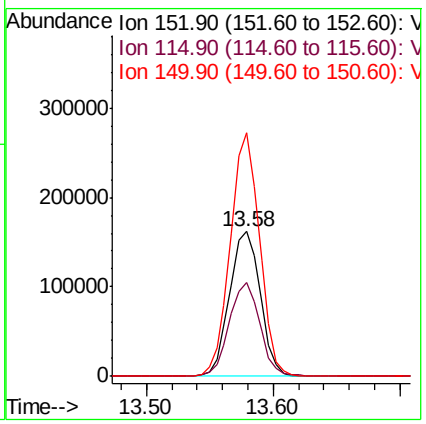


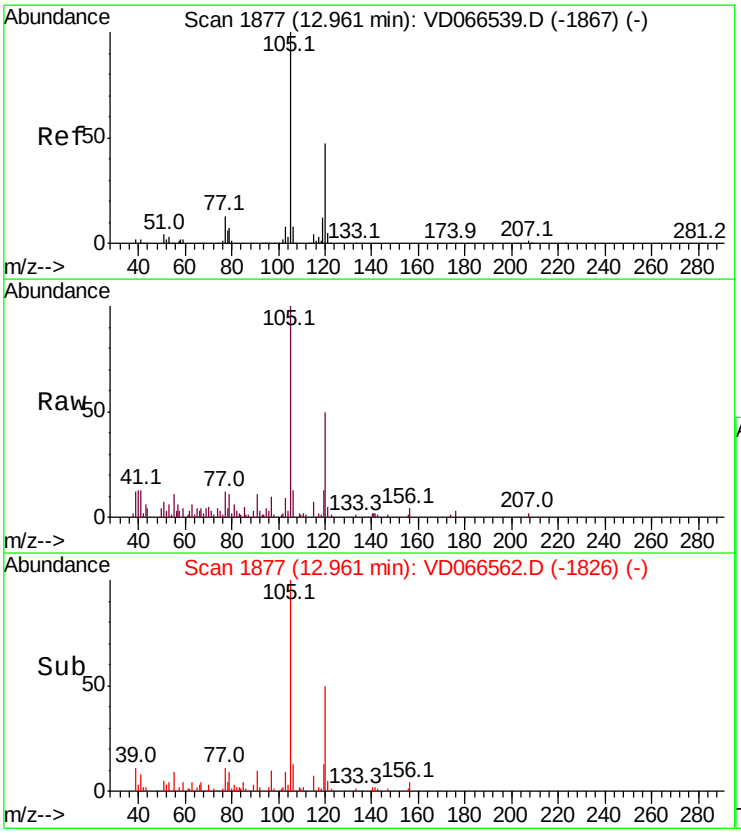
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066562.D
Acq: 04 Sep 2020 14:50

Instrument : MSVOA_D
ClientSampleId : TP-3

Tgt Ion:152 Resp: 271295

Ion	Ratio	Lower	Upper
152	100		
115	64.1	30.4	91.2
150	159.7	0.0	345.8

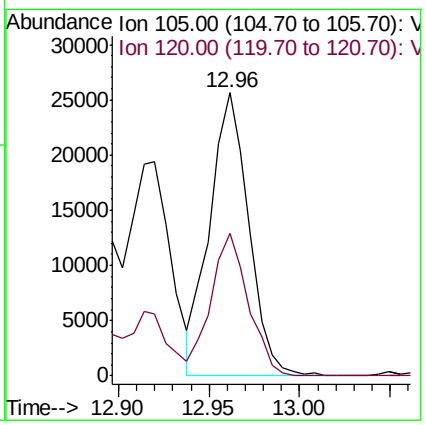


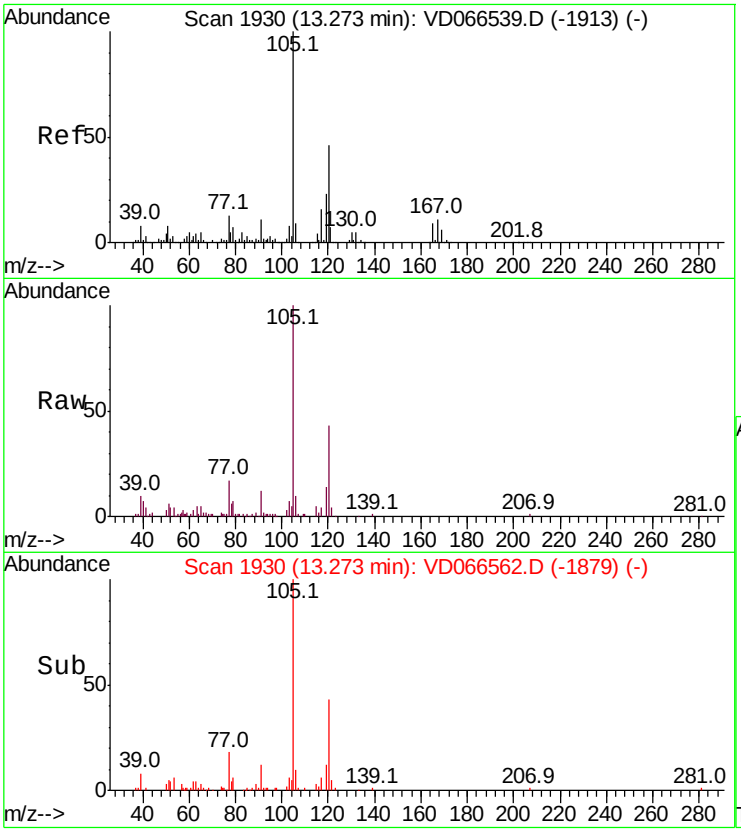


#80
1,3,5-Trimethylbenzene
Concen: 2.268 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066562.D
Acq: 04 Sep 2020 14:50

Tgt Ion:105 Resp: 38346

Ion	Ratio	Lower	Upper
105	100		
120	48.5	23.9	71.8



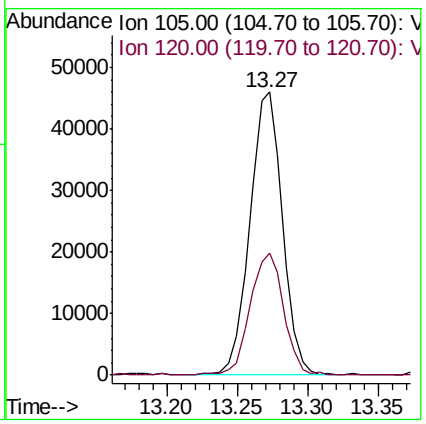


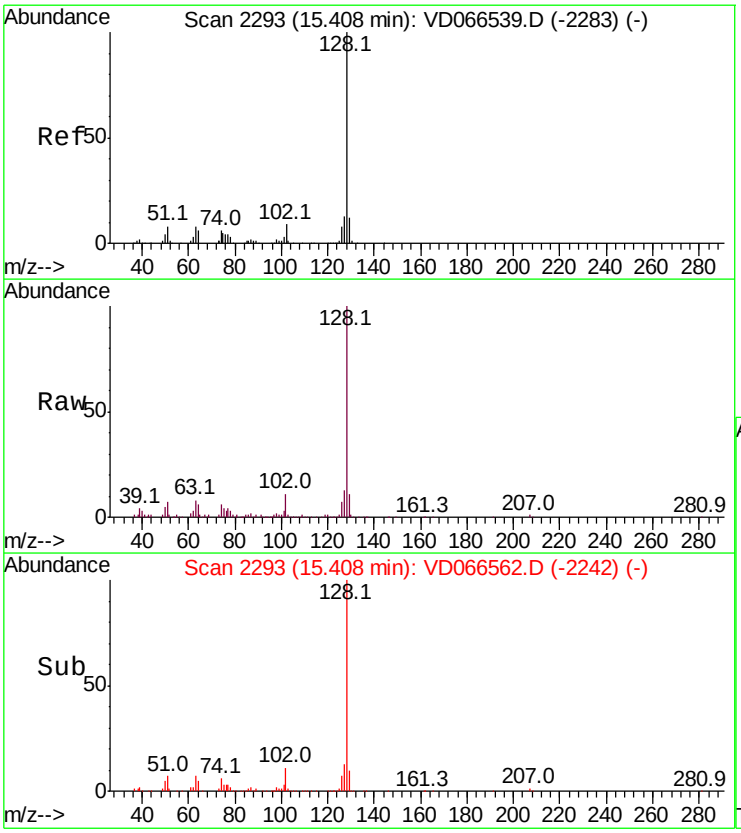
#84
1,2,4-Trimethylbenzene
Concen: 4.421 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066562.D
Acq: 04 Sep 2020 14:50

Instrument : MSVOA_D
ClientSampleId : TP-3

Tgt Ion:105 Resp: 74413

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.6	67.7





#95
Naphthalene
Concen: 25.814 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066562.D
Acq: 04 Sep 2020 14:50

Tgt Ion:128 Resp: 210369

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	11.0	9.1	13.7