Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091720\
Data File : VD066745.D
Acq On : 17 Sep 2020 15:33
Operator : VA/SY
Sample : L4038-11
Misc : 6.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PAV-B36-091620-14-15

Quant Time: Sep 18 01:59:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	384175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	694578	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	651680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	272192	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	229622	56.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.04%			
35) Dibromofluoromethane	7.91	113	232523	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.20%			
50) Toluene-d8	10.34	98	857640	56.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.06%			
62) 4-Bromofluorobenzene	12.63	95	286786	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.52%			
Target Compounds						Qvalue
17) Carbon Disulfide	4.40	76	26797	2.218	ug/l	95
40) Benzene	8.35	78	27989	1.449	ug/l	95
52) Toluene	10.40	92	167291	13.517	ug/l	97
67) Ethyl Benzene	11.74	91	210055	8.595	ug/l	100
68) m/p-Xylenes	11.85	106	33757	3.655	ug/l	99
69) o-Xylene	12.18	106	16934	2.075	ug/l	94
84) 1,2,4-Trimethylbenzene	13.27	105	29016	1.690	ug/l	96
95) Naphthalene	15.41	128	7961214	978.538	ug/l	99

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
Data File : VD066745.D
Acq On : 17 Sep 2020 15:33
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PAV-B36-091620-14-15

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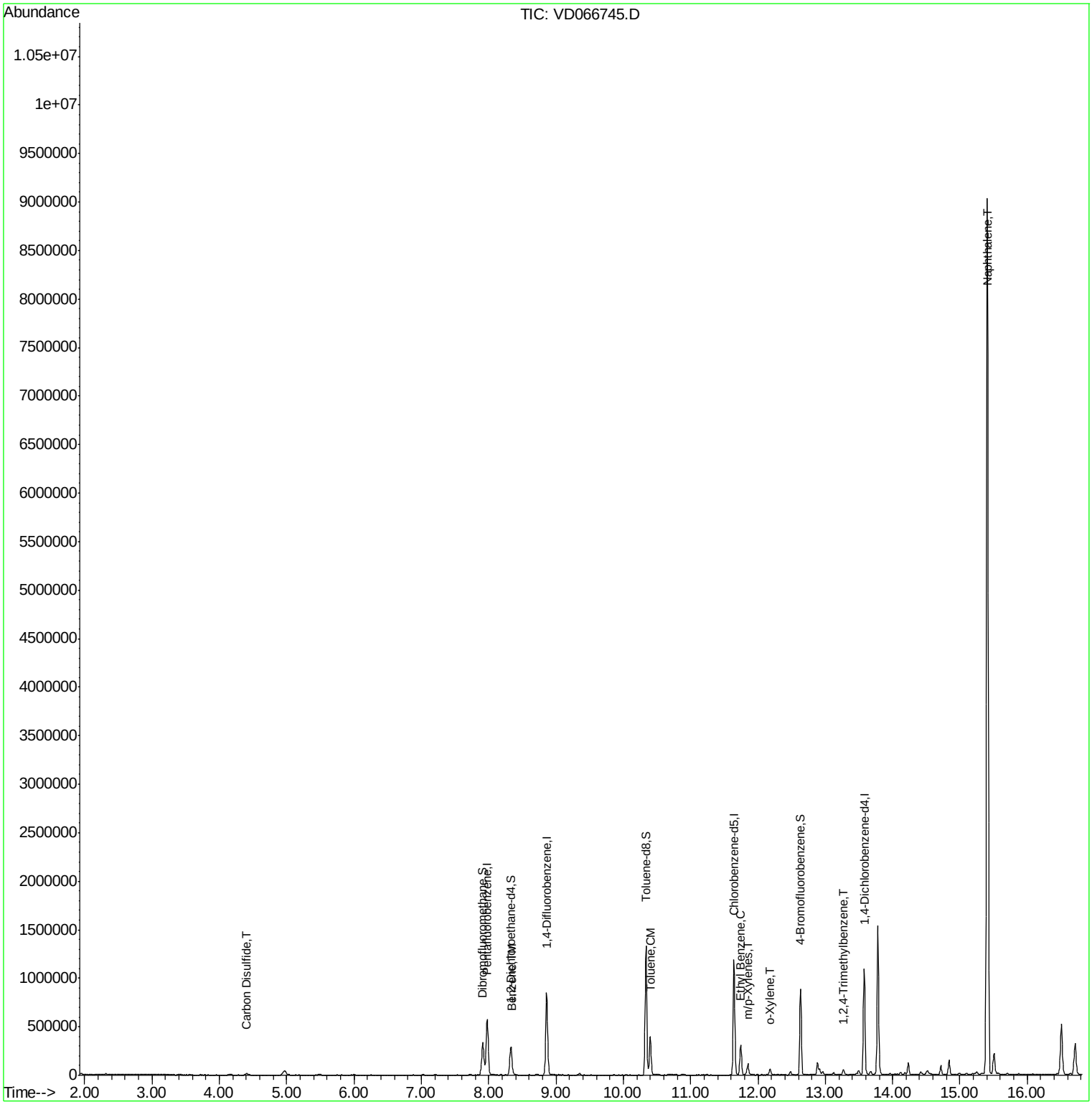
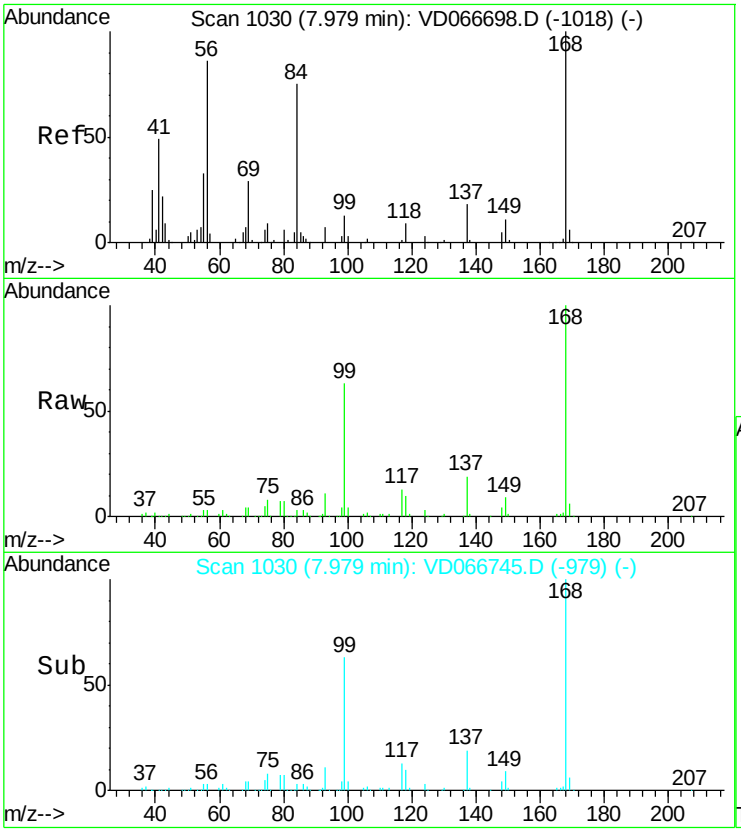
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration



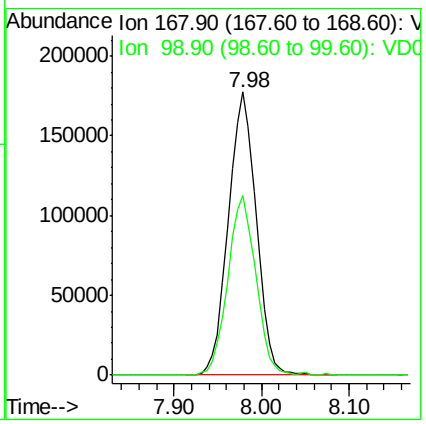


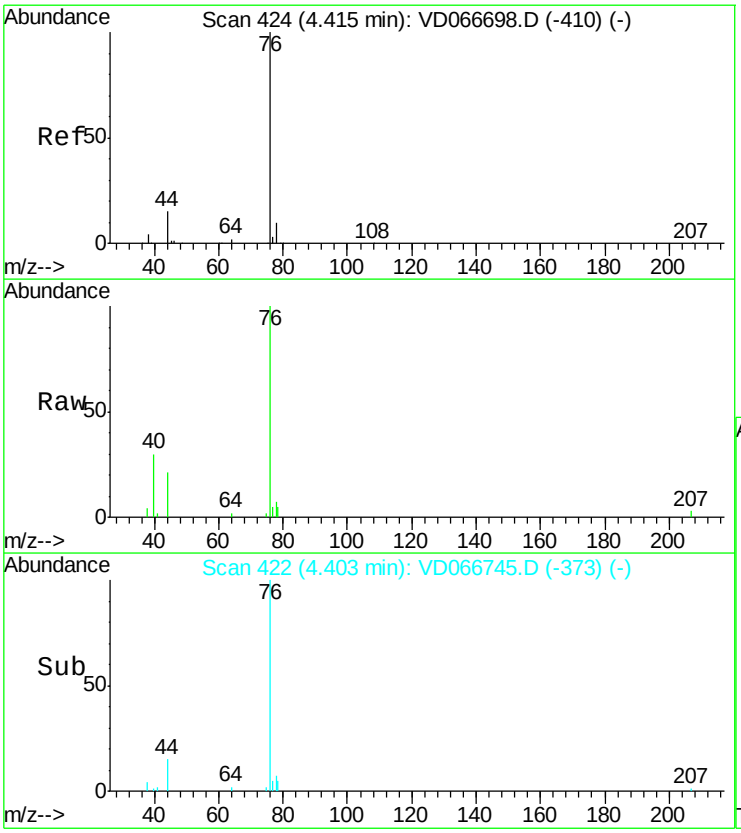
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066745.D
Acq: 17 Sep 2020 15:33

Instrument :
MSVOA_D
ClientSampleId :
PAV-B36-091620-14-15

Tgt Ion:168 Resp: 384175

Ion	Ratio	Lower	Upper
168	100		
99	63.3	54.4	81.6

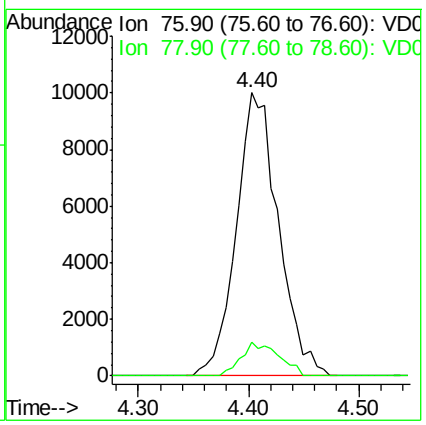


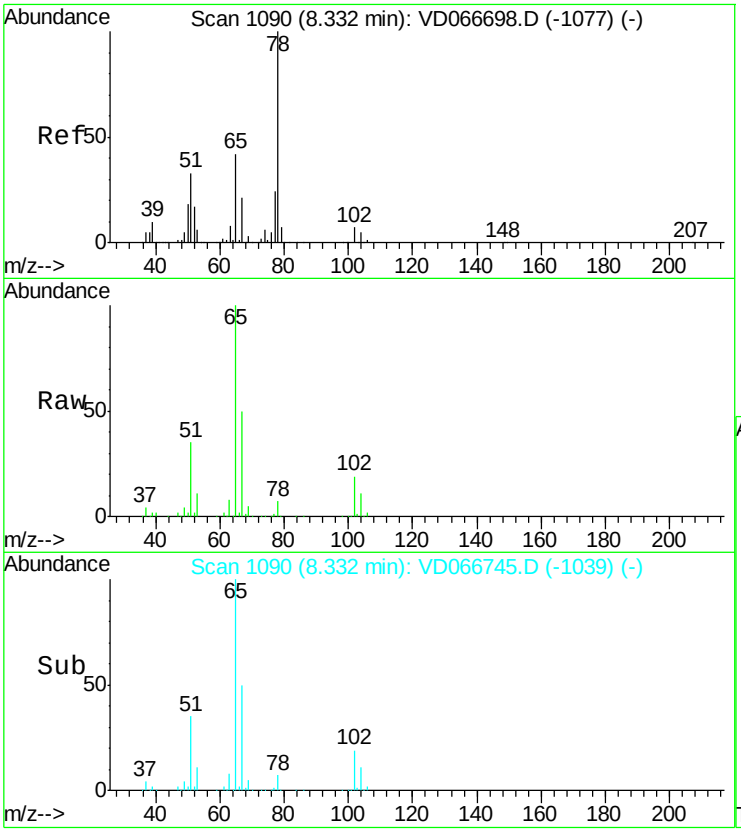


#17
Carbon Disulfide
Concen: 2.218 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066745.D
Acq: 17 Sep 2020 15:33

Tgt Ion: 76 Resp: 26797

Ion	Ratio	Lower	Upper
76	100		
78	11.8	8.0	12.0



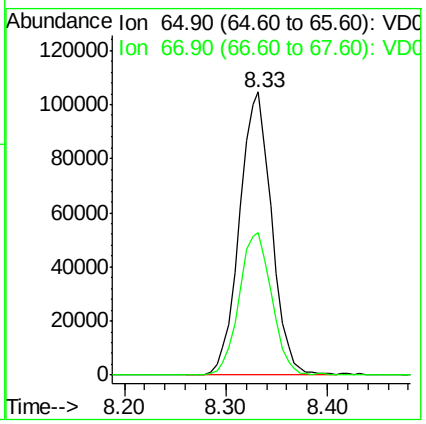


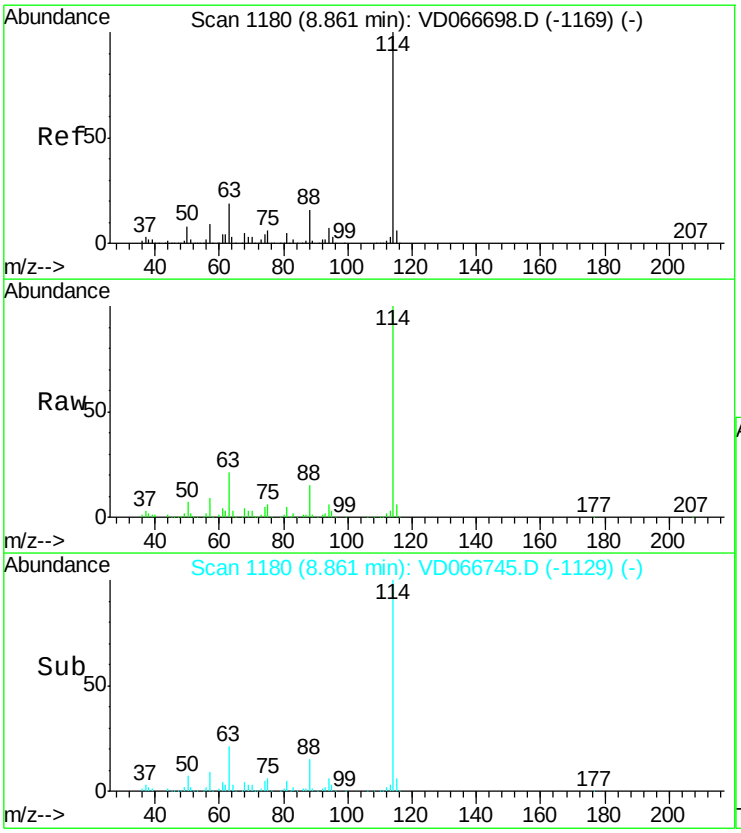
#33
1,2-Dichloroethane-d4
Concen: 56.020 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD066745.D
Acq: 17 Sep 2020 15:33

Instrument :
MSVOA_D
ClientSampleId :
PAV-B36-091620-14-15

Tgt Ion: 65 Resp: 229622

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.2

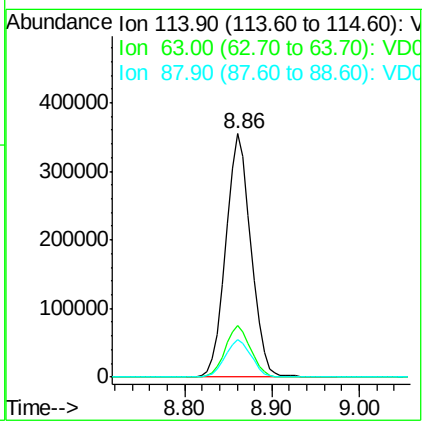


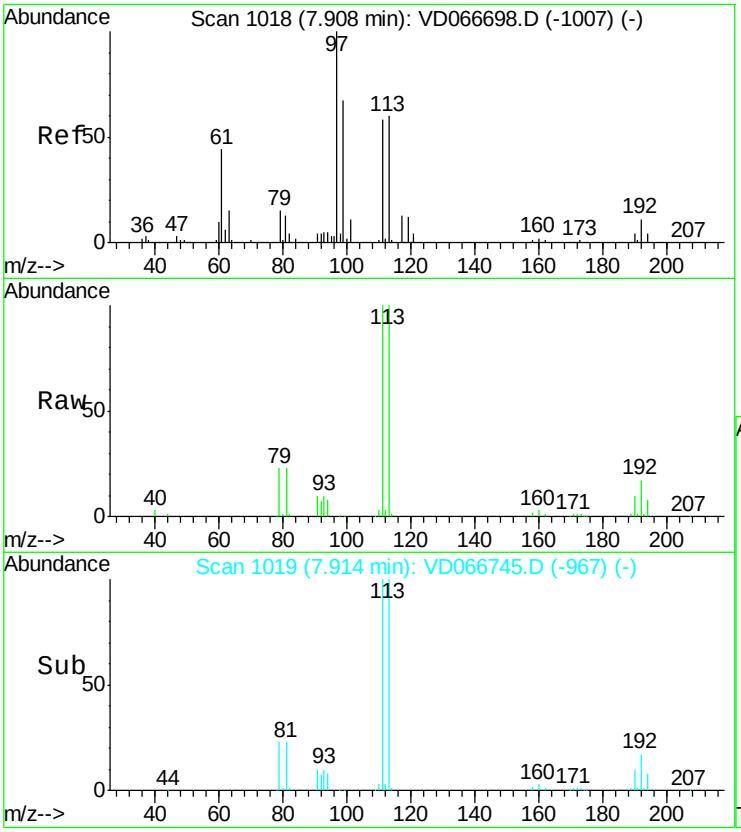


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD066745.D
Acq: 17 Sep 2020 15:33

Tgt Ion:114 Resp: 694578

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	37.6
88	15.2	0.0	32.2



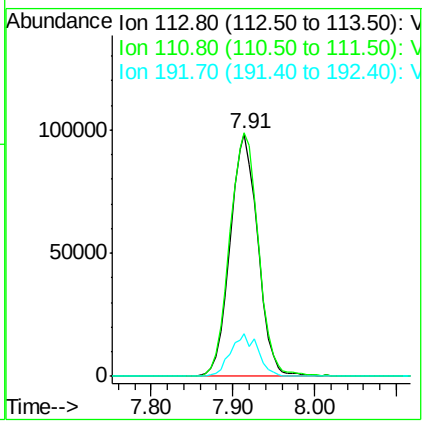


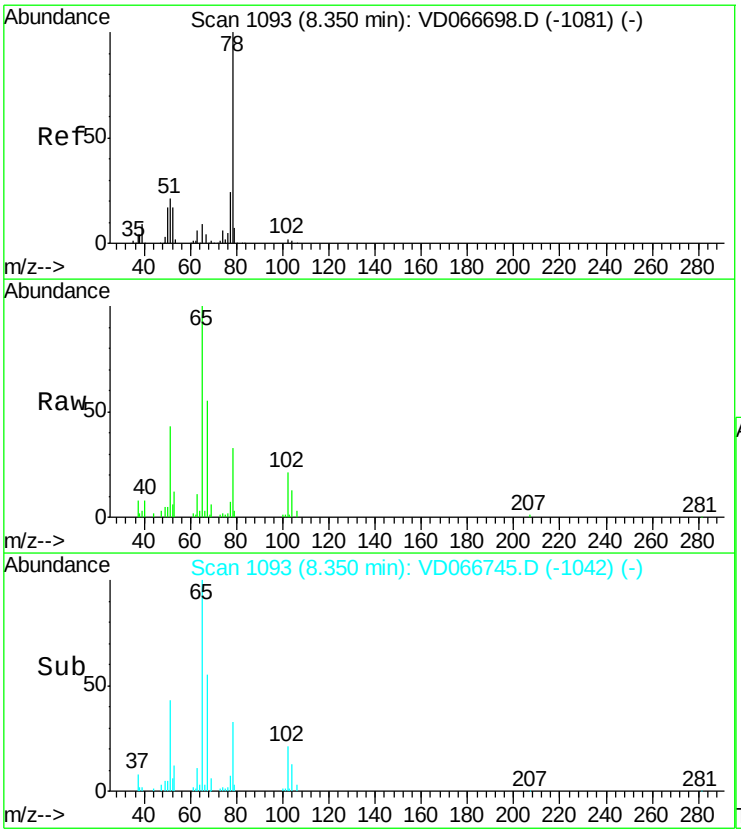
#35
Dibromofluoromethane
Concen: 54.603 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066745.D
Acq: 17 Sep 2020 15:33

Instrument :
MSVOA_D
ClientSampleId :
PAV-B36-091620-14-15

Tgt Ion:113 Resp: 232523

Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.2	124.8
192	17.4	14.8	22.2

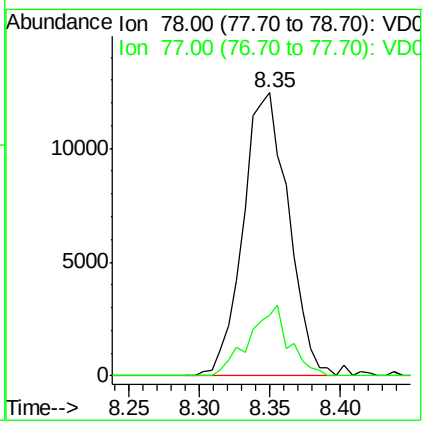


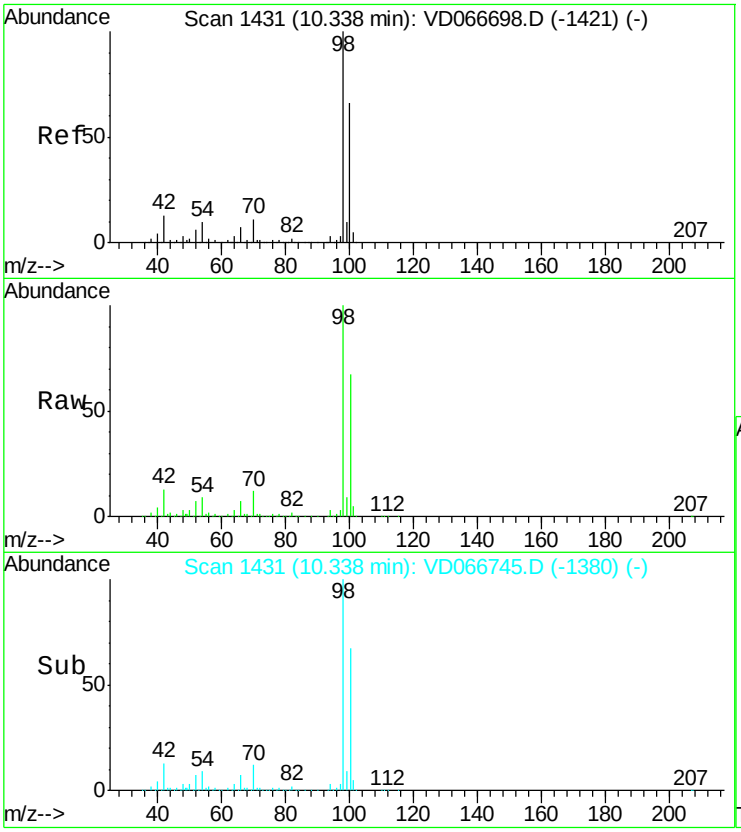


#40
Benzene
Concen: 1.449 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066745.D
Acq: 17 Sep 2020 15:33

Tgt Ion: 78 Resp: 27989

Ion	Ratio	Lower	Upper
78	100		
77	21.5	19.3	28.9



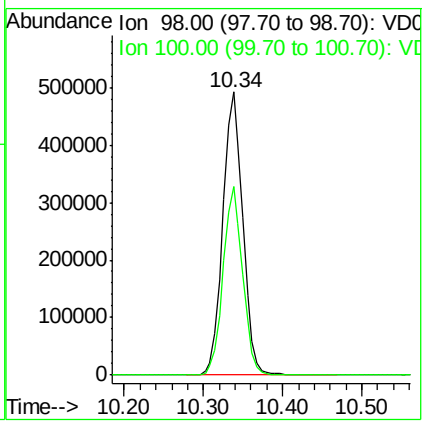


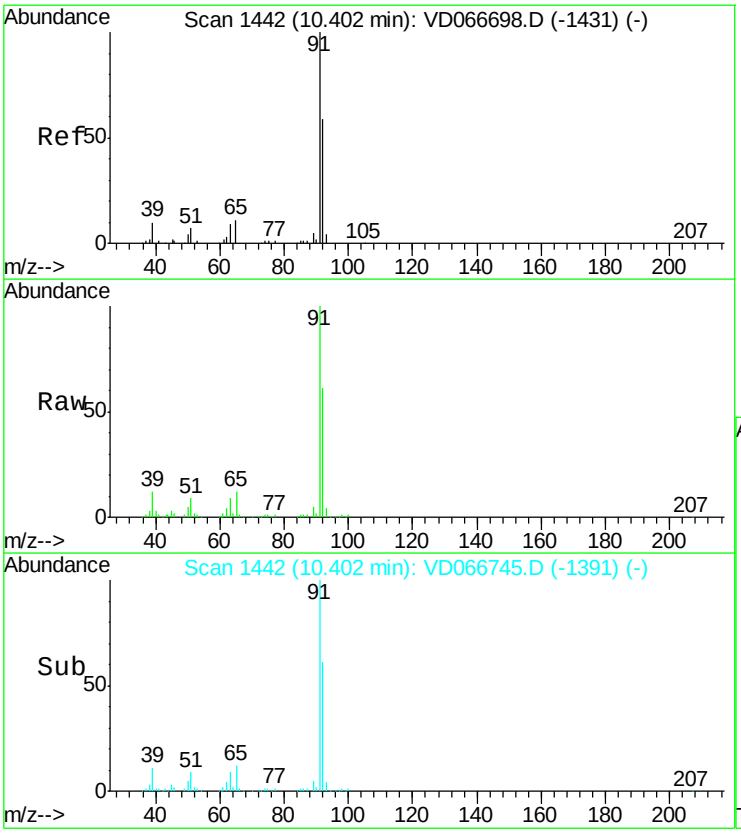
#50
Toluene-d8
Concen: 56.529 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066745.D
Acq: 17 Sep 2020 15:33

Instrument :
MSVOA_D
ClientSampleId :
PAV-B36-091620-14-15

Tgt Ion: 98 Resp: 857640

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.7	79.1

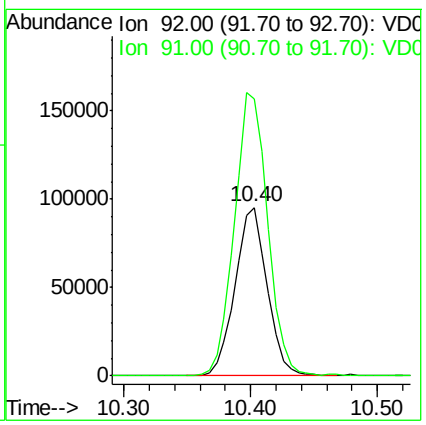


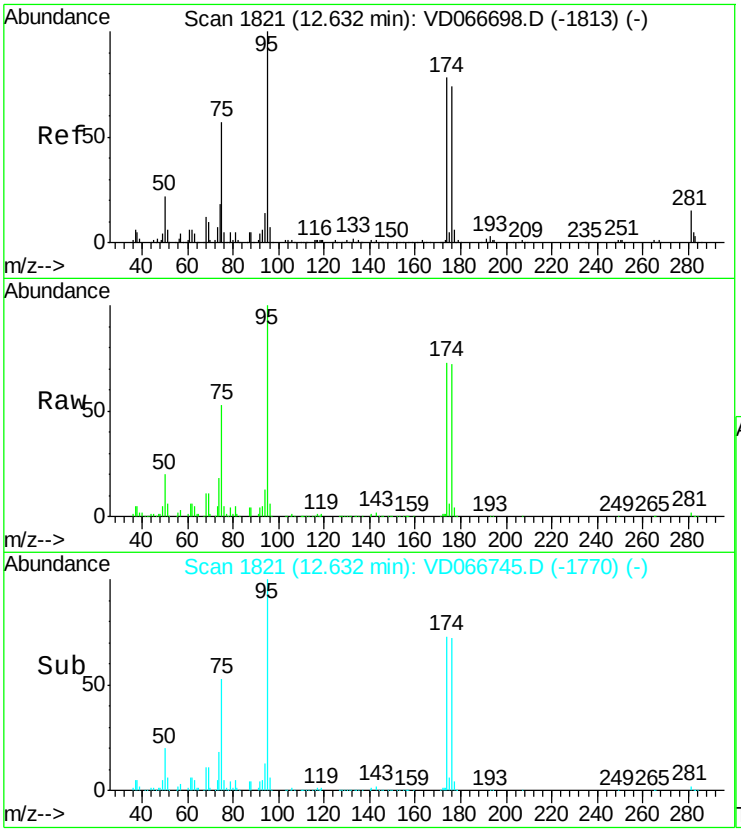


#52
Toluene
Concen: 13.517 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD066745.D
Acq: 17 Sep 2020 15:33

Tgt Ion: 92 Resp: 167291

Ion	Ratio	Lower	Upper
92	100		
91	173.9	135.8	203.8



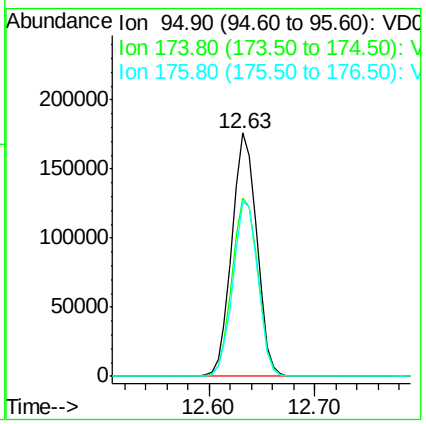


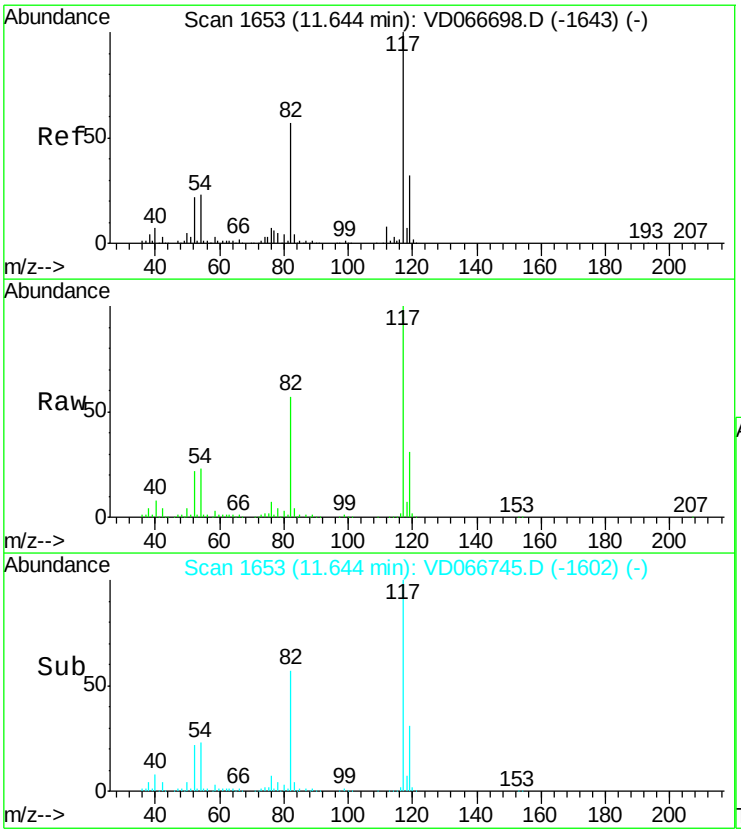
#62
4-Bromofluorobenzene
Concen: 54.761 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066745.D
Acq: 17 Sep 2020 15:33

Instrument :
MSVOA_D
ClientSampleId :
PAV-B36-091620-14-15

Tgt Ion: 95 Resp: 286786

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	156.6
176	71.6	0.0	150.2

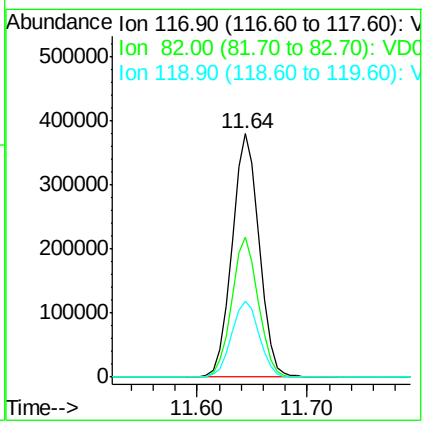


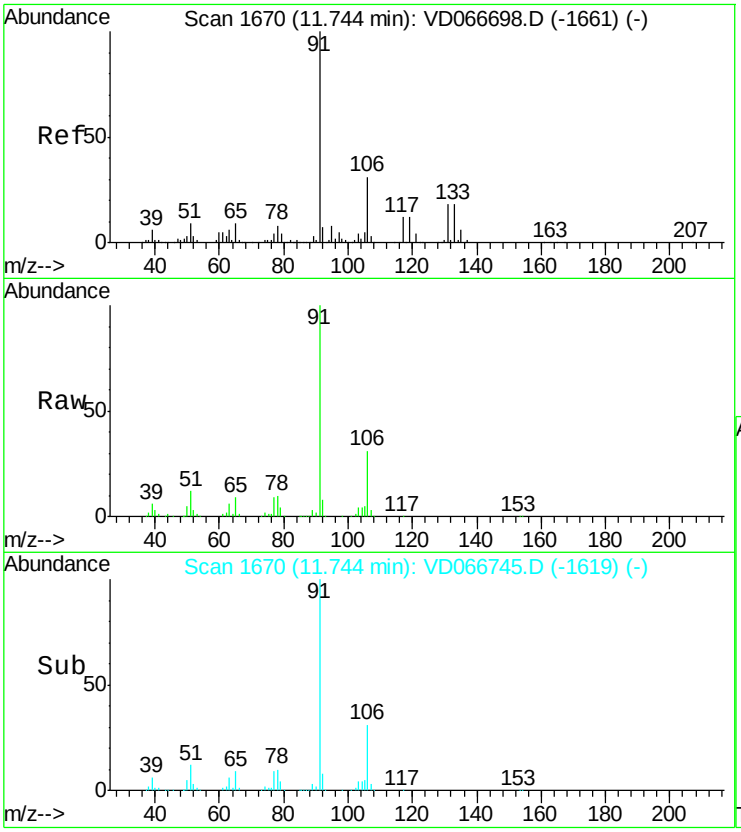


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066745.D
Acq: 17 Sep 2020 15:33

Tgt Ion:117 Resp: 651680

Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.4	68.0
119	31.2	25.8	38.6



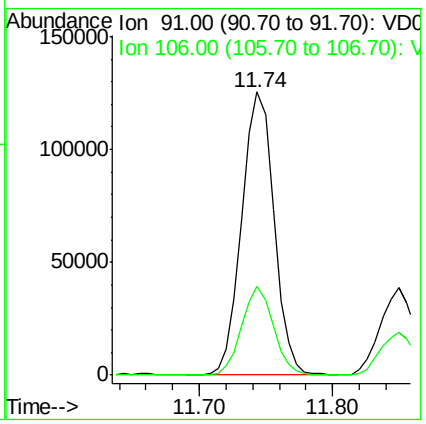


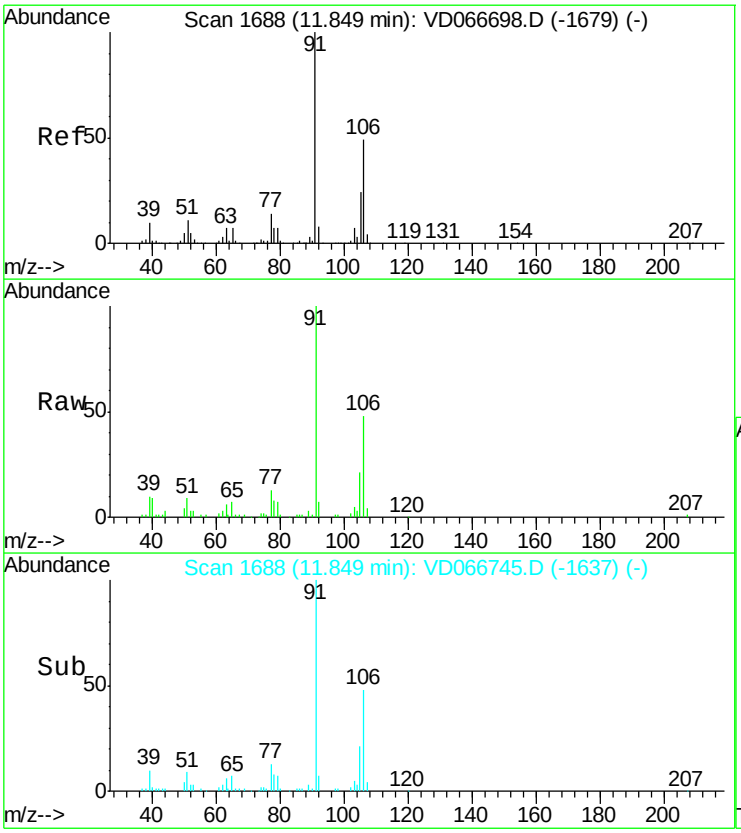
#67
Ethyl Benzene
Concen: 8.595 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066745.D
Acq: 17 Sep 2020 15:33

Instrument :
MSVOA_D
ClientSampleId :
PAV-B36-091620-14-15

Tgt Ion: 91 Resp: 210055

Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.1	37.7

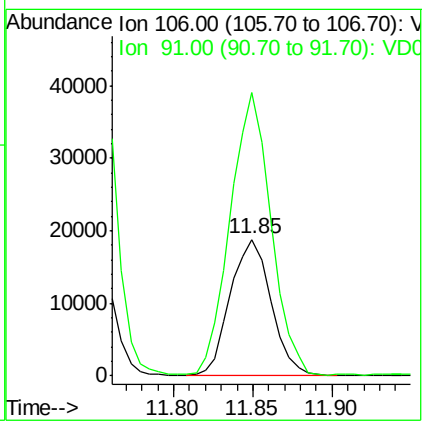


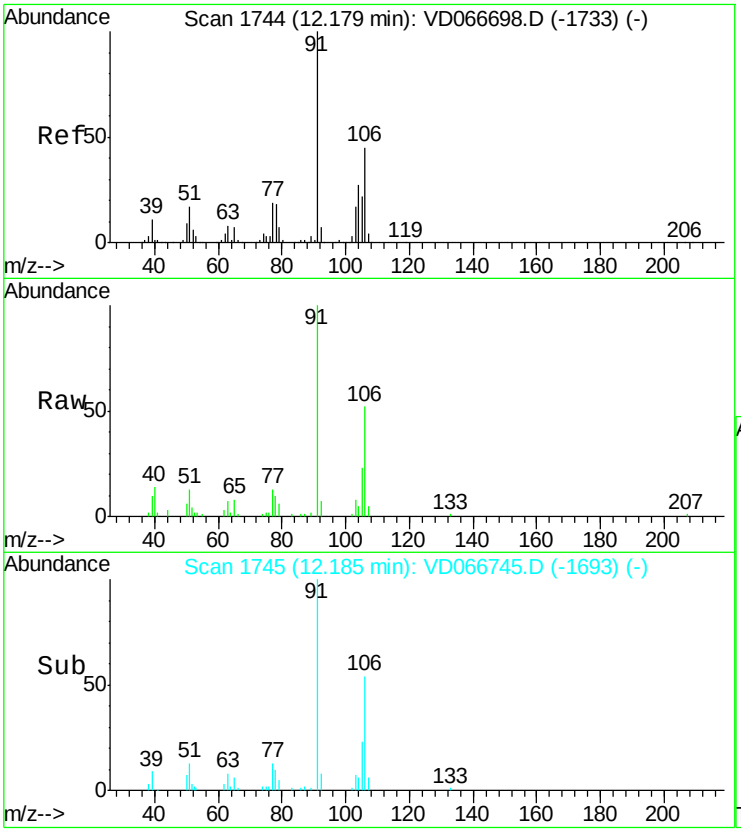


#68
m/p-Xylenes
Concen: 3.655 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066745.D
Acq: 17 Sep 2020 15:33

Tgt Ion:106 Resp: 33757

Ion	Ratio	Lower	Upper
106	100		
91	207.3	164.8	247.2



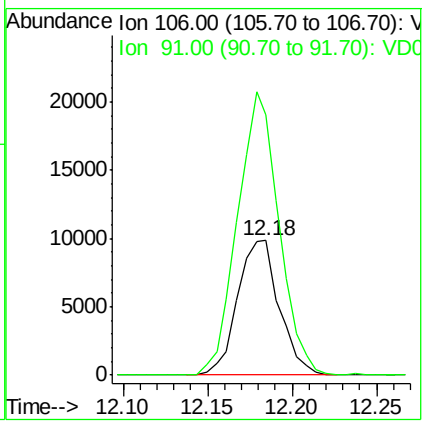


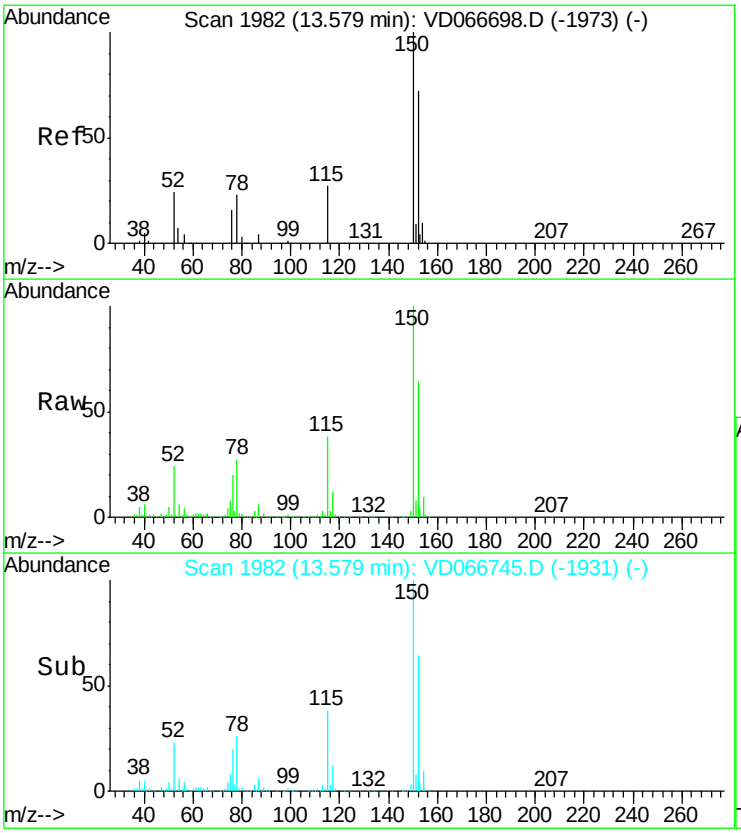
#69
o-Xylene
Concen: 2.075 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066745.D
Acq: 17 Sep 2020 15:33

Instrument :
MSVOA_D
ClientSampleId :
PAV-B36-091620-14-15

Tgt Ion:106 Resp: 16934

Ion	Ratio	Lower	Upper
106	100		
91	208.5	109.4	328.2

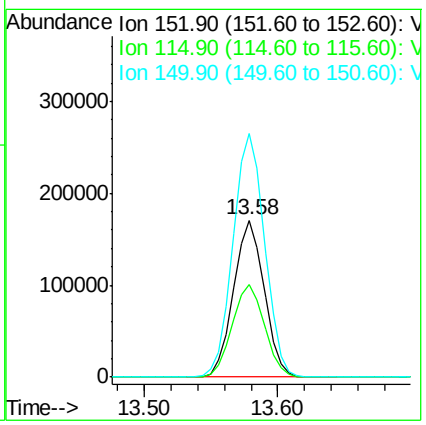


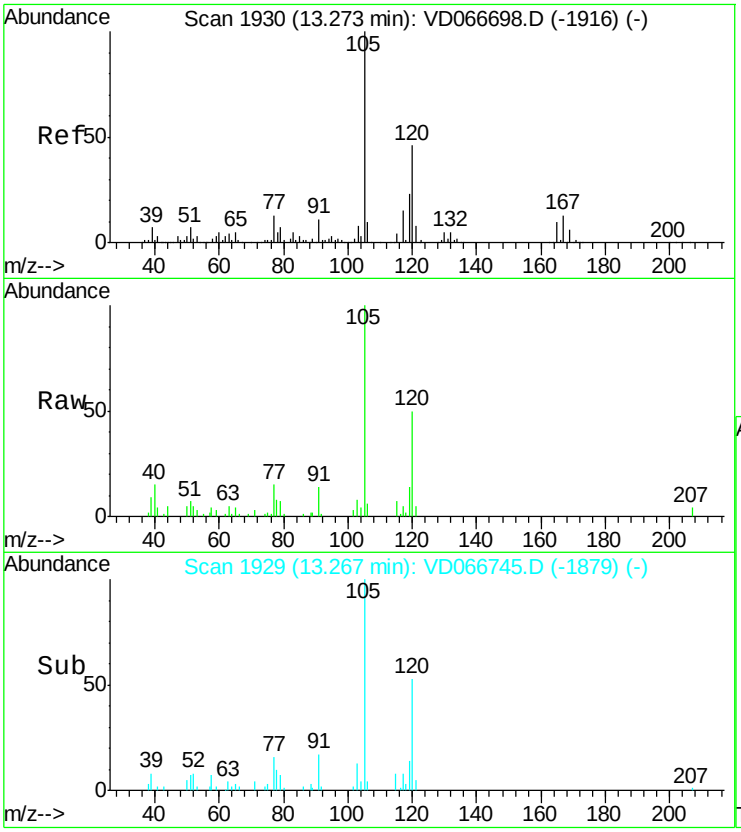


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066745.D
Acq: 17 Sep 2020 15:33

Tgt Ion:152 Resp: 272192

Ion	Ratio	Lower	Upper
152	100		
115	62.0	30.5	91.5
150	160.1	0.0	344.6



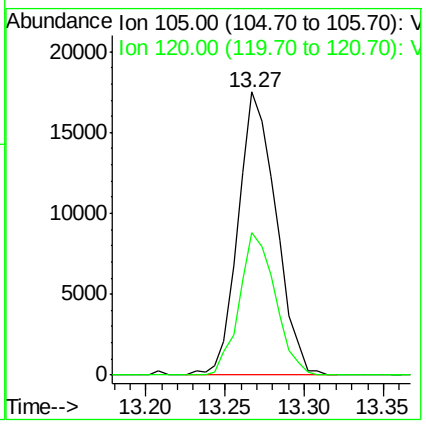


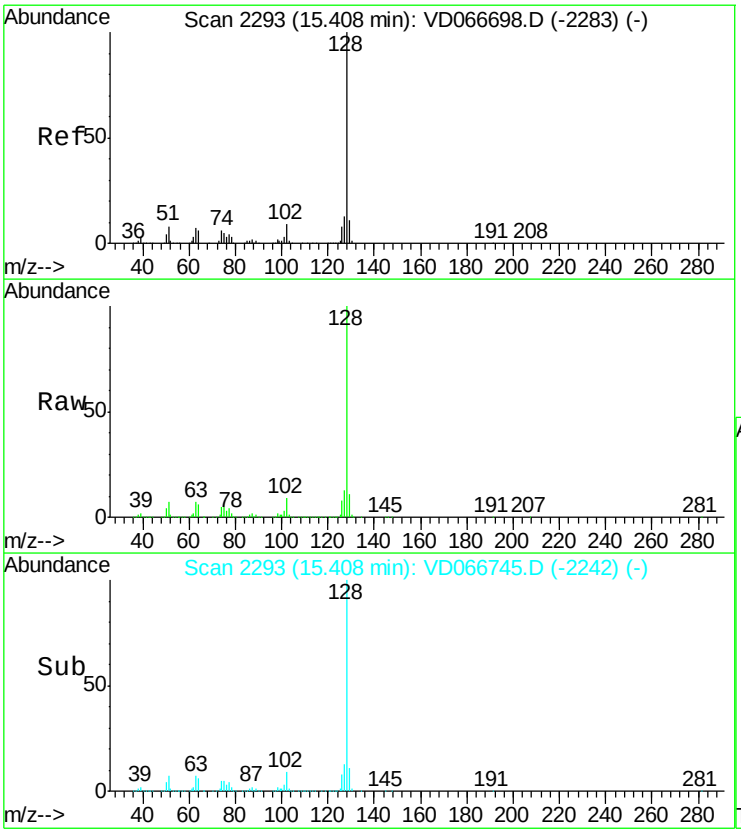
#84
1,2,4-Trimethylbenzene
Concen: 1.690 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066745.D
Acq: 17 Sep 2020 15:33

Instrument :
MSVOA_D
ClientSampleId :
PAV-B36-091620-14-15

Tgt Ion:105 Resp: 29016

Ion	Ratio	Lower	Upper
105	100		
120	47.7	22.4	67.2





#95
Naphthalene
Concen: 978.538 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066745.D
Acq: 17 Sep 2020 15:33

Tgt Ion:128 Resp: 7961214

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.1	8.6	12.8