Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051420\
Data File : VD065739.D
Acq On : 14 May 2020 13:28
Operator : VA/SY
Sample : L2501-01
Misc : 8.39G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EO-01-051320

Quant Time: May 15 08:25:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
Quant Title : SW846 8260
QLast Update : Wed May 13 14:28:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.99	168	297380	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.87	114	540067	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.65	117	459965	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	223095	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.33	65	166280	69.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 138.78%				
35) Dibromofluoromethane	7.92	113	177126	57.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 115.78%				
50) Toluene-d8	10.34	98	662253	56.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 113.70%				
62) 4-Bromofluorobenzene	12.64	95	258528	65.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 131.08%				
Target Compounds							Qvalue
16) Acetone	4.16	43	10283	20.919	ug/l		99
39) Methylcyclohexane	9.36	83	61450	10.224	ug/l		98
52) Toluene	10.41	92	237953	28.163	ug/l		100
67) Ethyl Benzene	11.75	91	1045525	67.650	ug/l		99
68) m/p-Xylenes	11.86	106	1671047	283.096	ug/l		98
69) o-Xylene	12.18	106	1126292	204.968	ug/l		95
73) Isopropylbenzene	12.48	105	558634	37.299	ug/l		100
78) n-propylbenzene	12.83	91	1998206	114.213	ug/l		100
80) 1,3,5-Trimethylbenzene	12.97	105	3633707	294.449	ug/l		98
83) tert-Butylbenzene	13.23	119	36147m	3.303	ug/l		
84) 1,2,4-Trimethylbenzene	13.28	105	9484700	779.330	ug/l		97
85) sec-Butylbenzene	13.41	105	958773	64.389	ug/l		83
86) p-Isopropyltoluene	13.53	119	769788	56.244	ug/l		98
89) n-Butylbenzene	13.85	91	1374618	107.408	ug/l	#	76
95) Naphthalene	15.41	128	322538	43.525	ug/l	#	92

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

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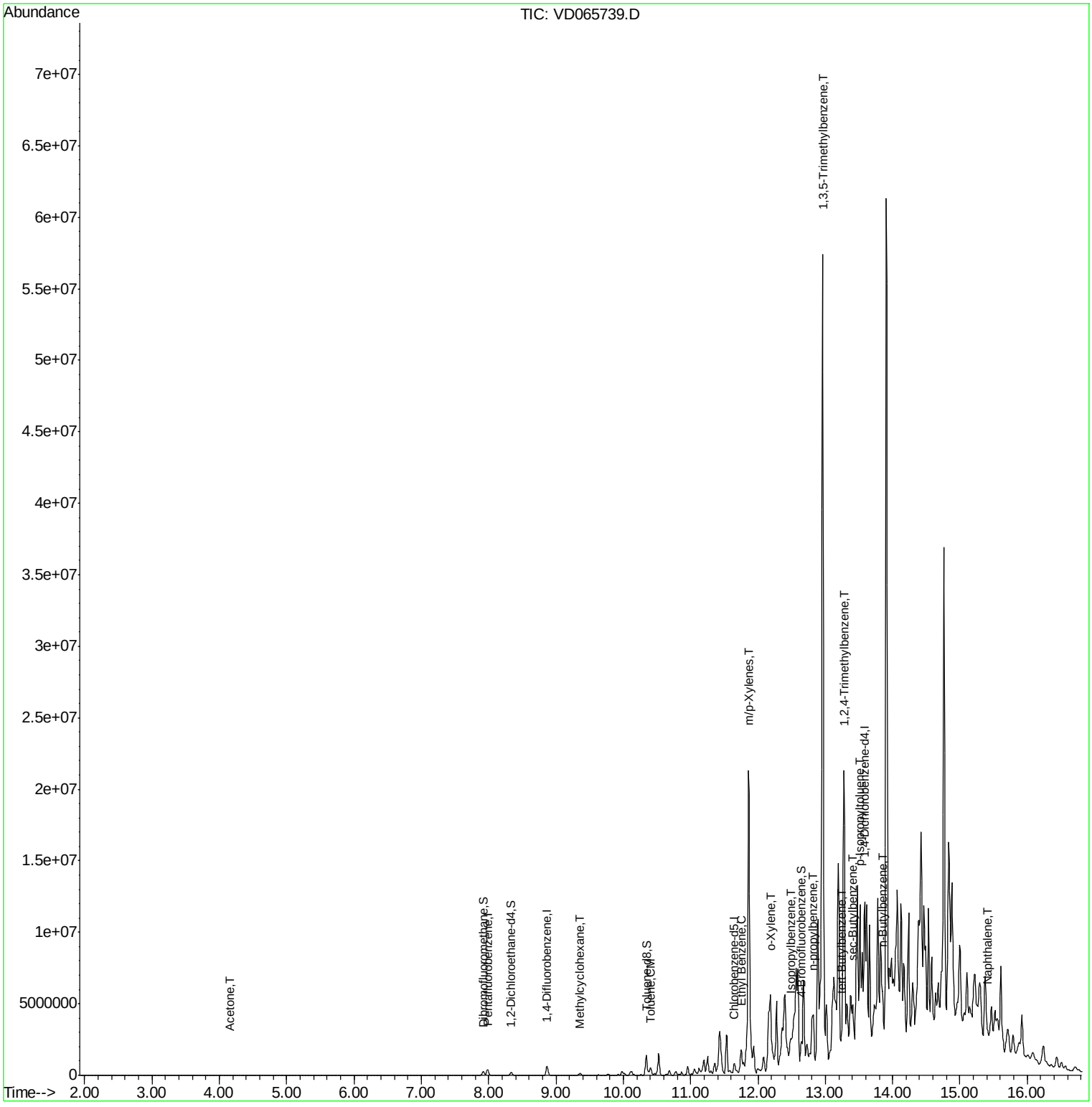
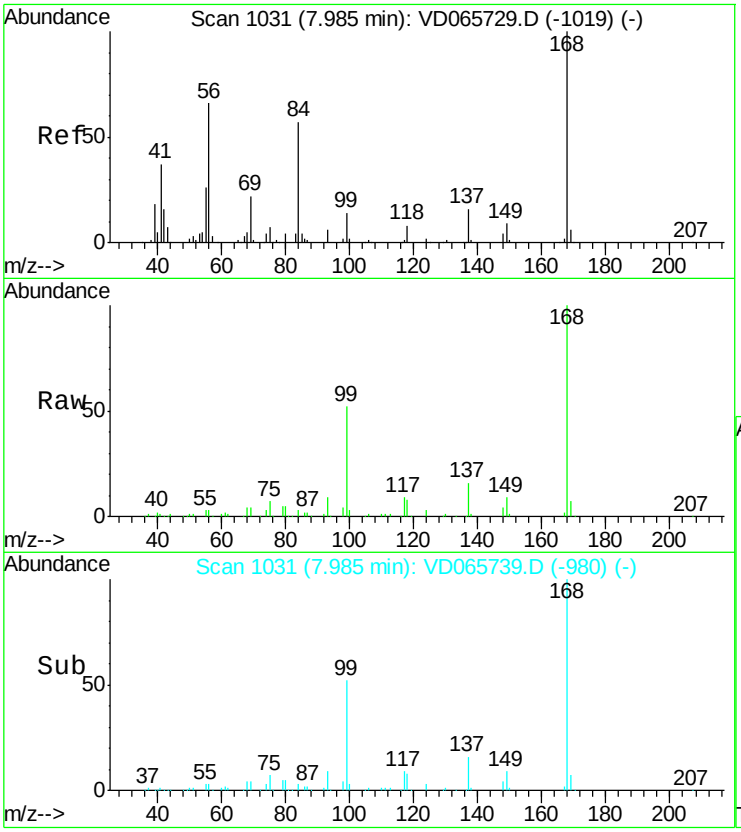
Misc : 8.39G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-01-051320

Quant Time: May 15 08:25:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
Quant Title : SW846 8260
QLast Update : Wed May 13 14:28:42 2020
Response via : Initial Calibration



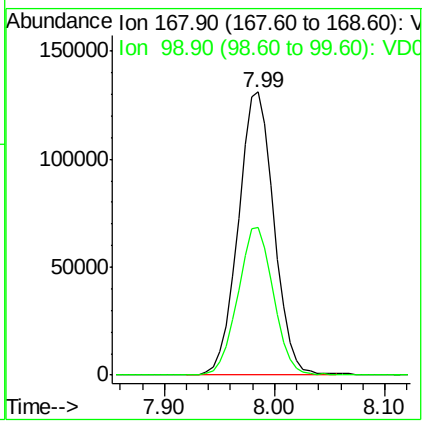


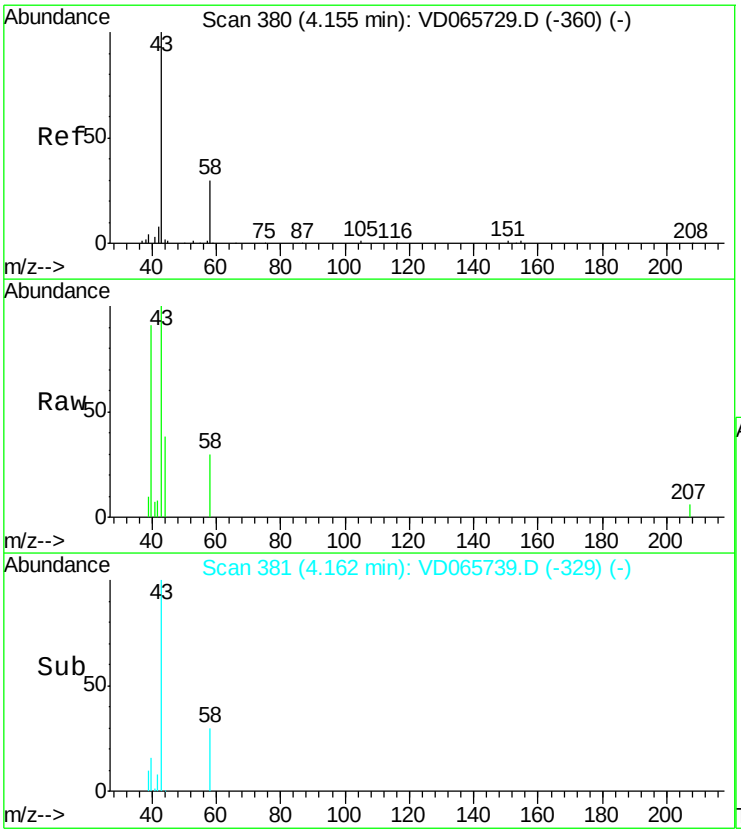
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Instrument :
MSVOA_D
ClientSampleId :
EO-01-051320

Tgt Ion:168 Resp: 297380

Ion	Ratio	Lower	Upper
168	100		
99	52.3	40.6	60.8

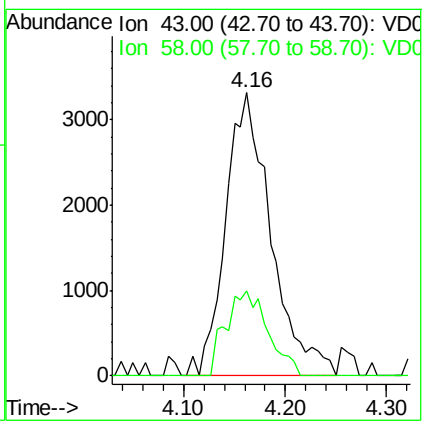


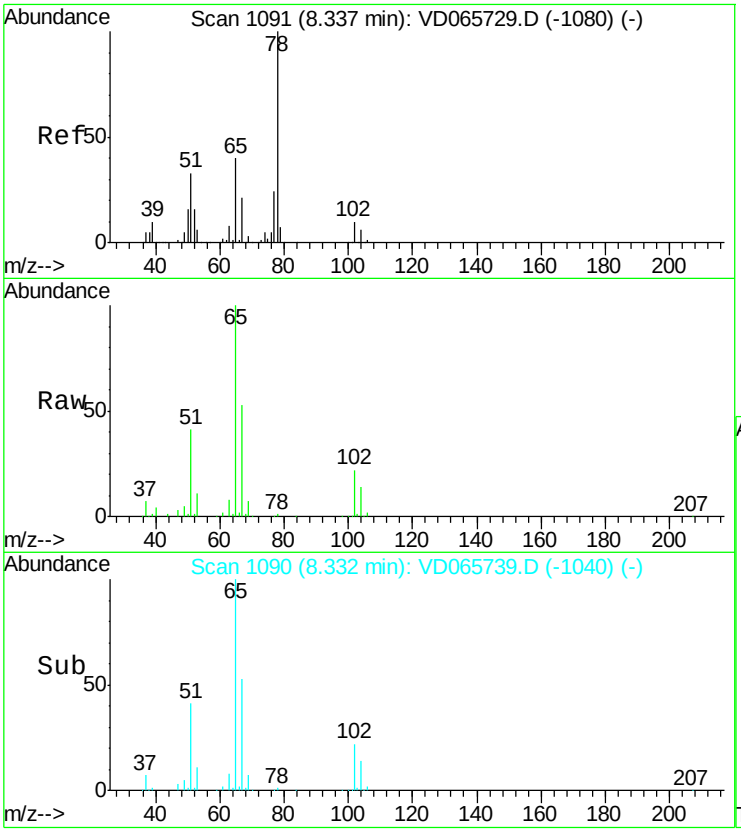


#16
Acetone
Concen: 20.919 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Tgt Ion: 43 Resp: 10283

Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.7	35.5



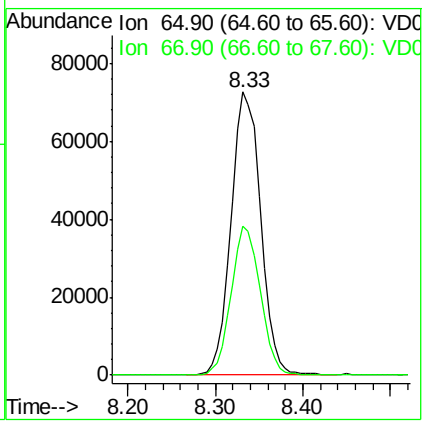


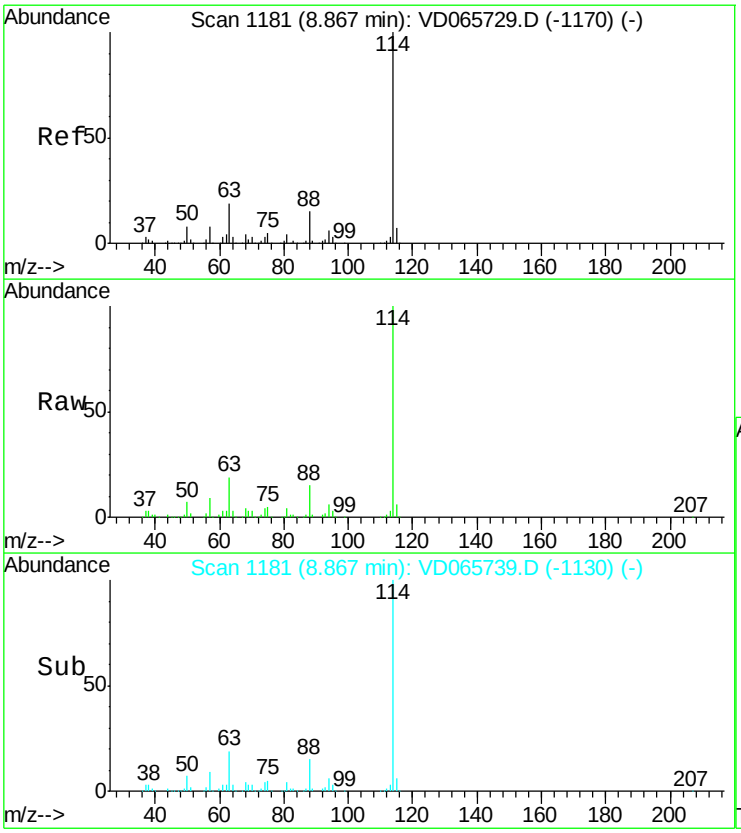
#33
1,2-Dichloroethane-d4
Concen: 69.386 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Instrument :
MSVOA_D
ClientSampleId :
EO-01-051320

Tgt Ion: 65 Resp: 166280

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	106.2

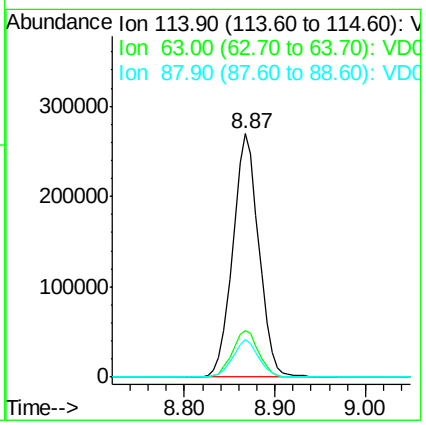


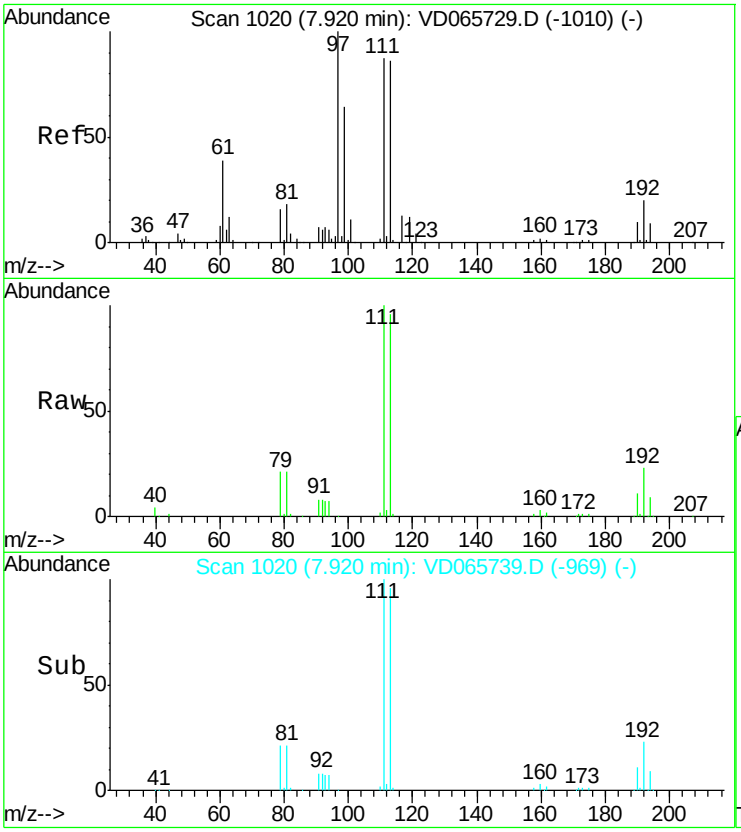


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Tgt Ion:114 Resp: 540067

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	37.2
88	15.5	0.0	30.2



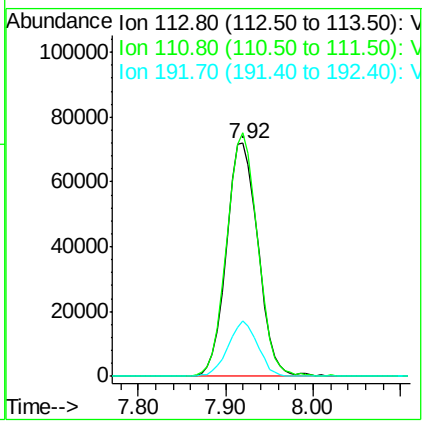


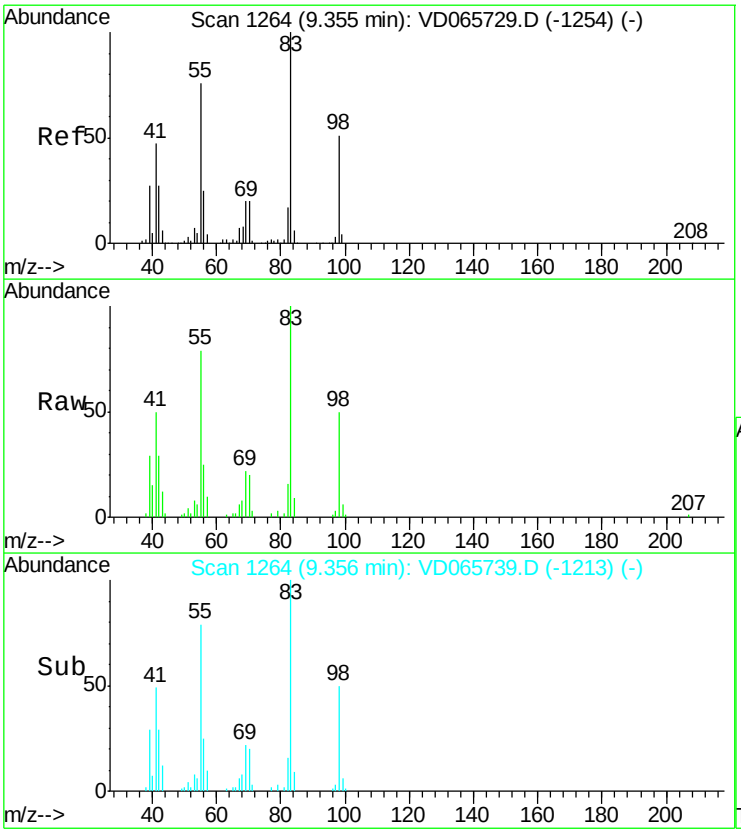
#35
Dibromofluoromethane
Concen: 57.891 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Instrument :
MSVOA_D
ClientSampleId :
EO-01-051320

Tgt Ion:113 Resp: 177126

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.1	121.7
192	22.1	17.6	26.4

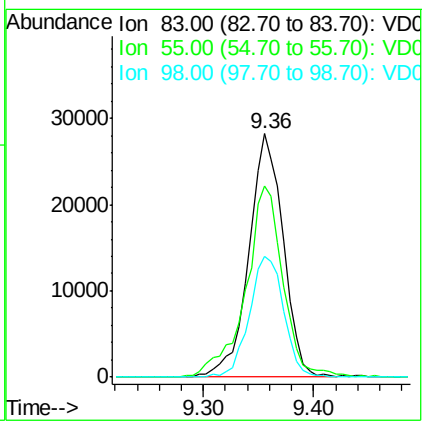


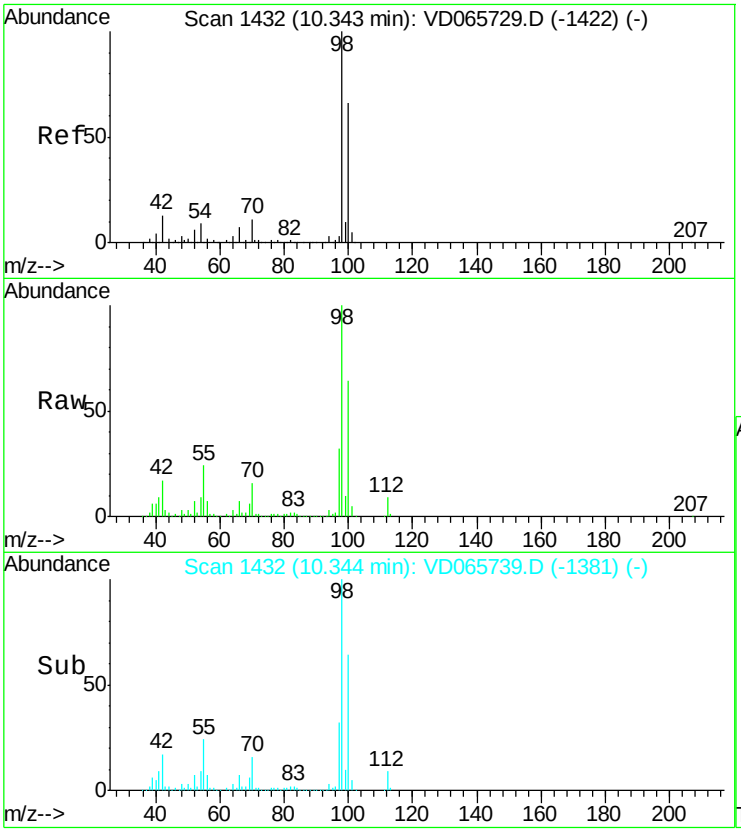


#39
Methylcyclohexane
Concen: 10.224 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Tgt Ion: 83 Resp: 61450

Ion	Ratio	Lower	Upper
83	100		
55	78.0	60.9	91.3
98	49.6	40.6	61.0



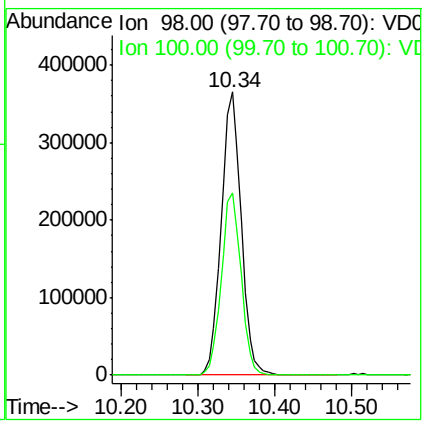


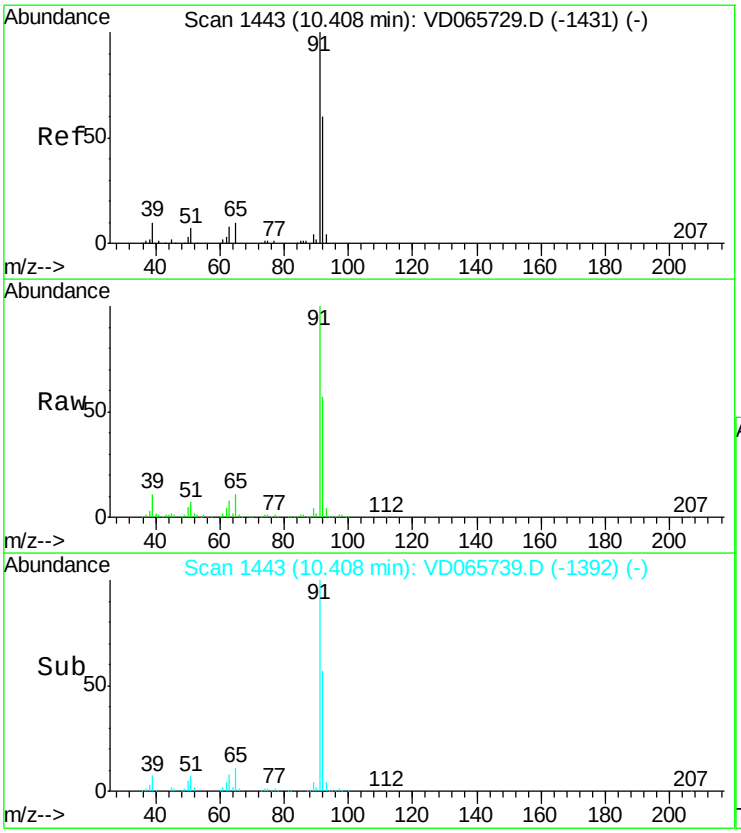
#50
Toluene-d8
Concen: 56.854 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Instrument : MSVOA_D
ClientSampleId : EO-01-051320

Tgt Ion: 98 Resp: 662253

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.5	78.7

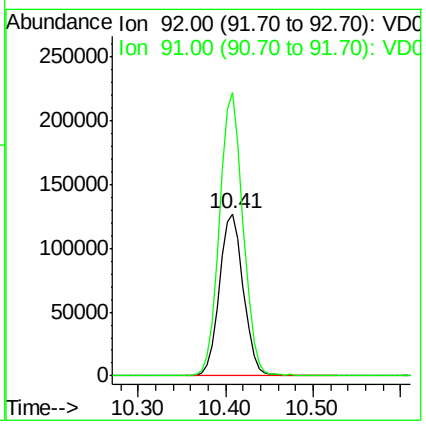


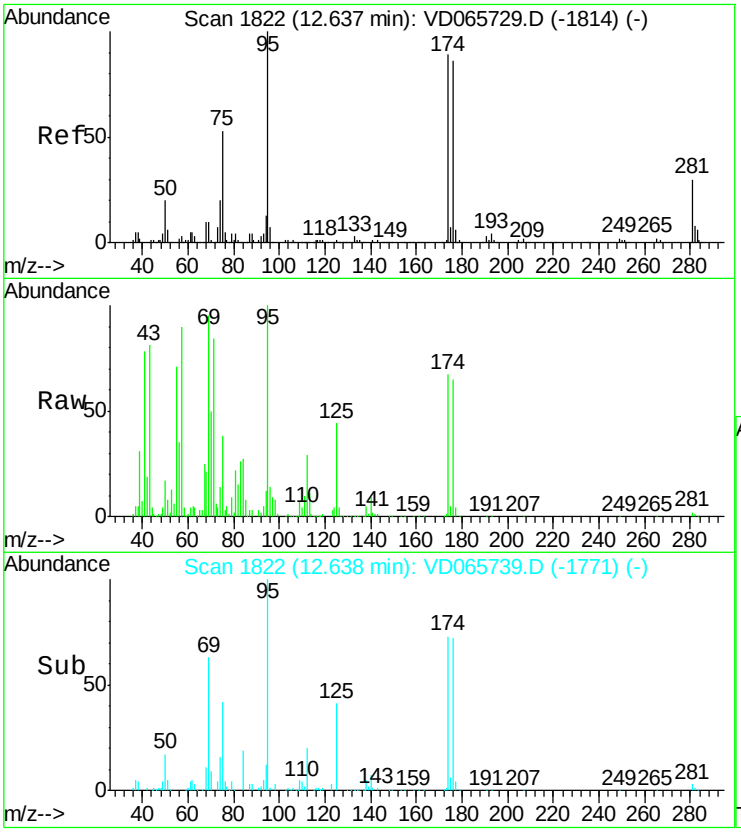


#52
Toluene
Concen: 28.163 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Tgt Ion: 92 Resp: 237953

Ion	Ratio	Lower	Upper
92	100		
91	170.8	136.6	205.0



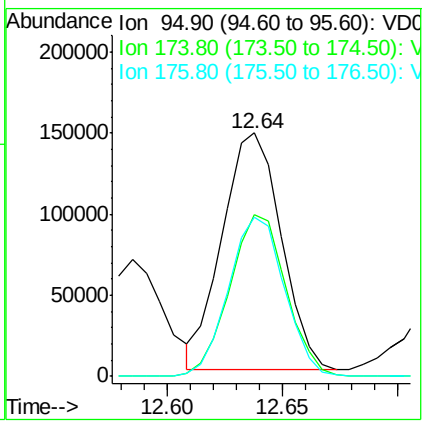


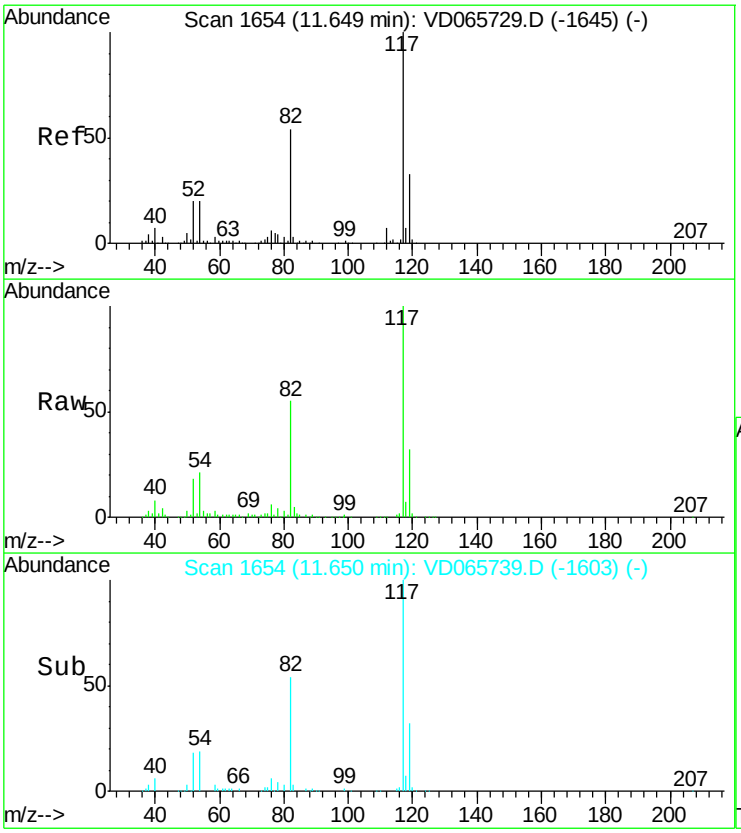
#62
4-Bromofluorobenzene
Concen: 65.536 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Instrument :
MSVOA_D
ClientSampleId :
EO-01-051320

Tgt Ion: 95 Resp: 258528

Ion	Ratio	Lower	Upper
95	100		
174	65.6	0.0	179.4
176	64.1	0.0	174.0

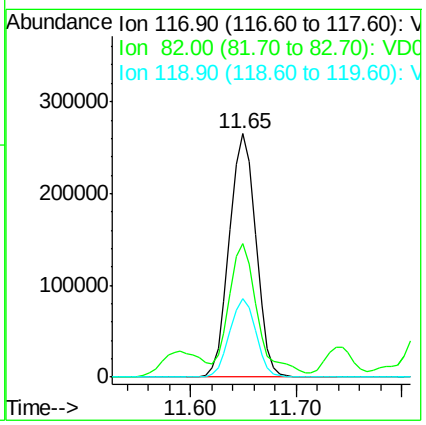


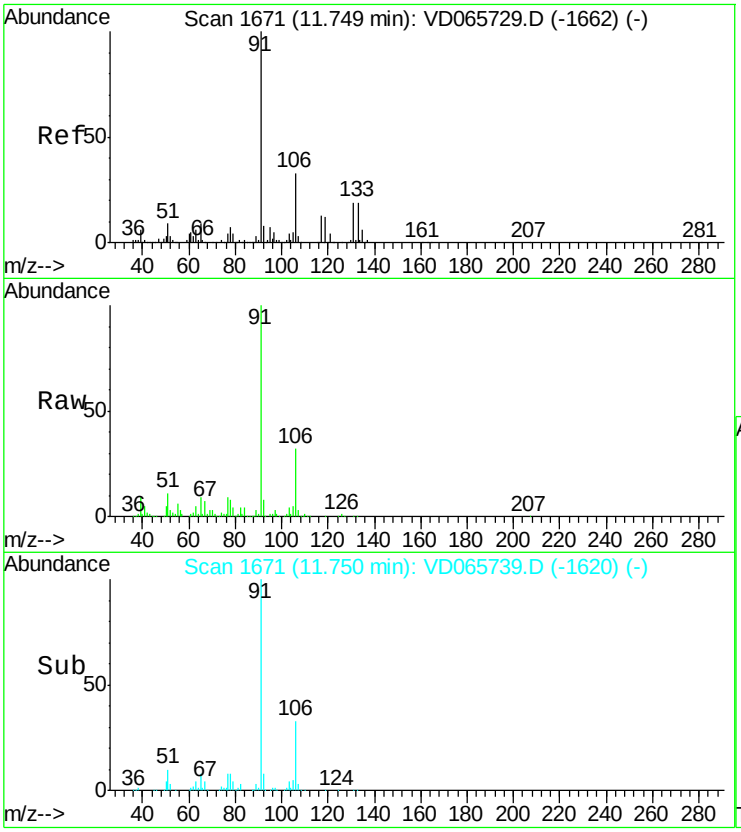


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Tgt Ion:117 Resp: 459965

Ion	Ratio	Lower	Upper
117	100		
82	45.3	43.0	64.6
119	32.2	26.6	40.0



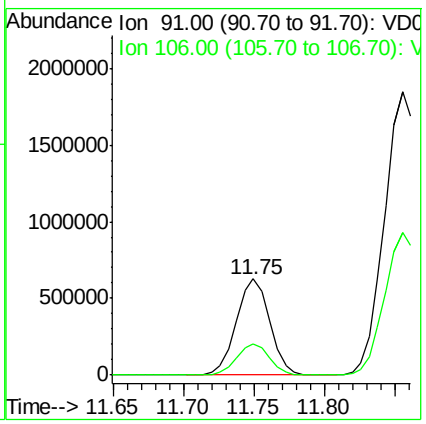


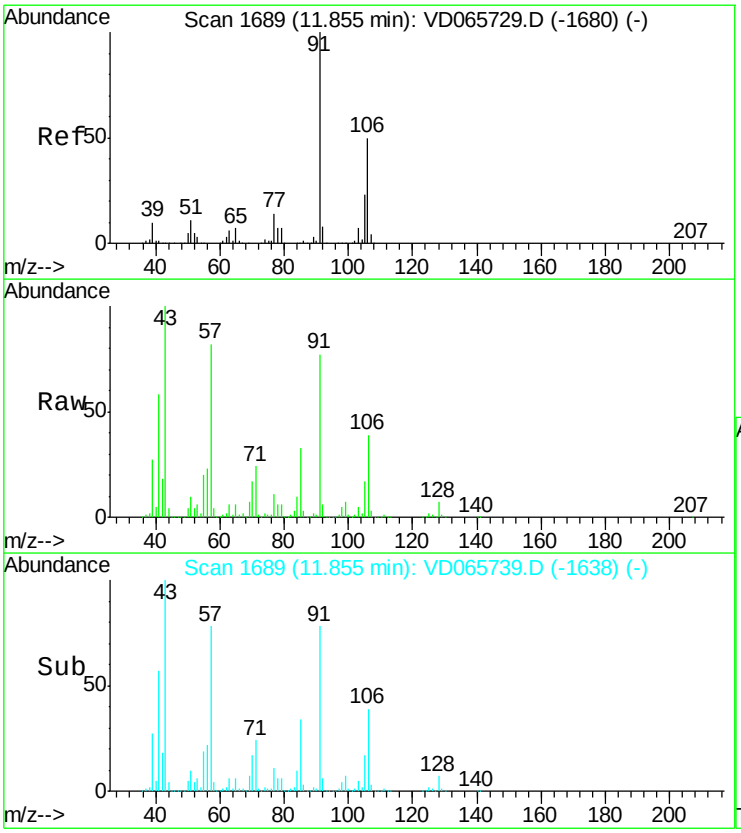
#67
Ethyl Benzene
Concen: 67.650 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Instrument : MSVOA_D
ClientSampleId : EO-01-051320

Tgt Ion: 91 Resp: 1045525

Ion	Ratio	Lower	Upper
91	100		
106	32.5	26.6	40.0

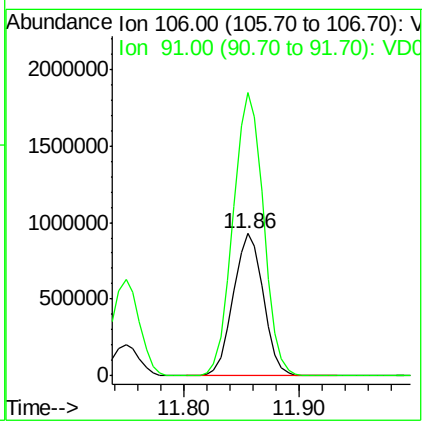


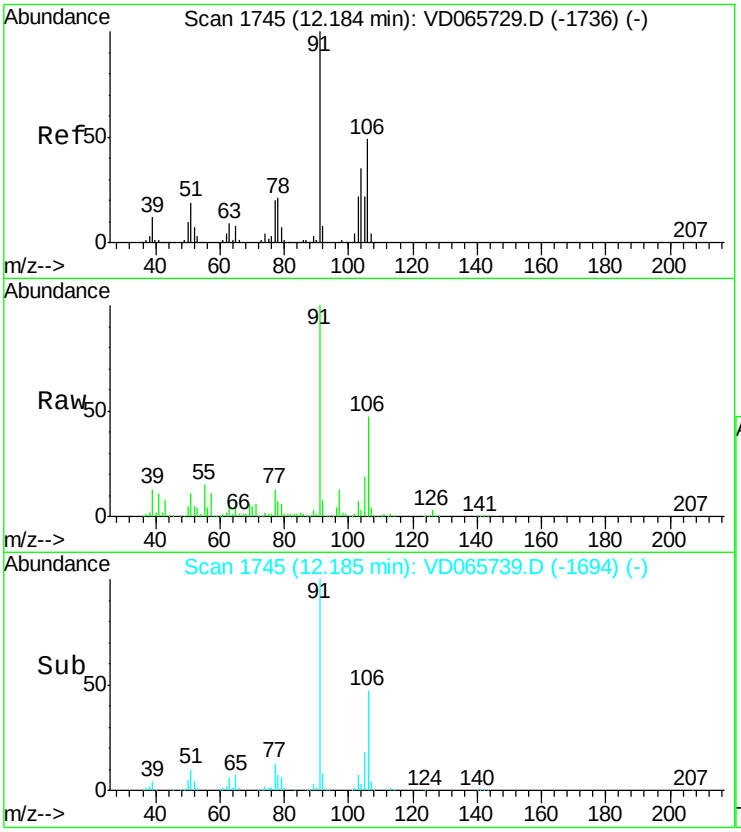


#68
m/p-Xylenes
Concen: 283.096 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Tgt Ion:106 Resp: 1671047

Ion	Ratio	Lower	Upper
106	100		
91	200.8	158.7	238.1



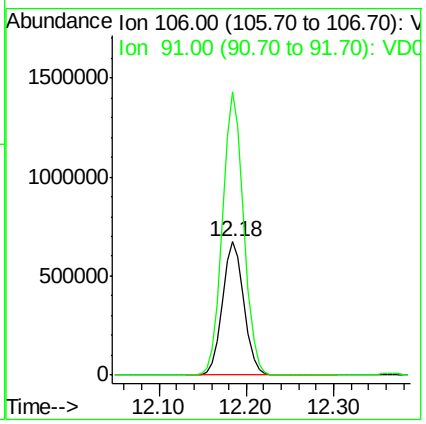


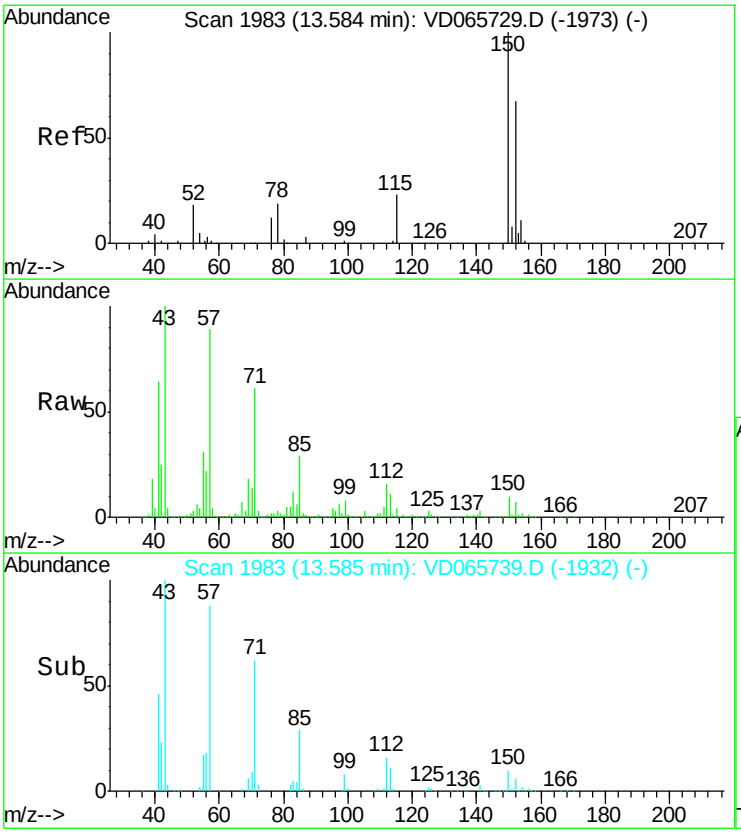
#69
o-Xylene
Concen: 204.968 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Instrument :
MSVOA_D
ClientSampleId :
EO-01-051320

Tgt Ion:106 Resp: 1126292

Ion	Ratio	Lower	Upper
106	100		
91	210.8	101.8	305.4

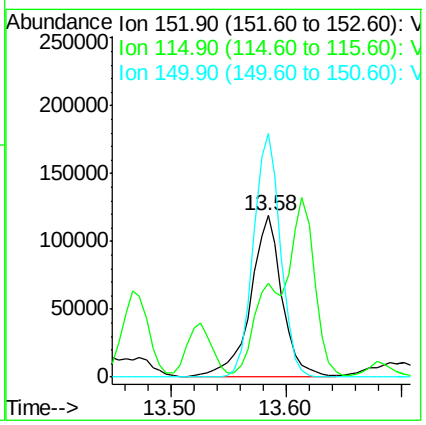


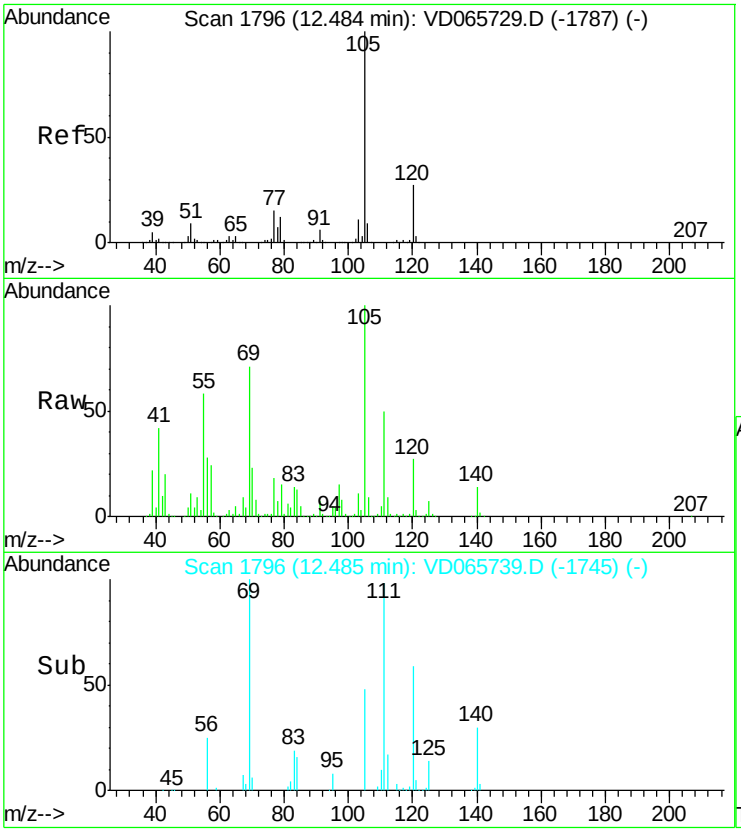


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Tgt Ion:152 Resp: 223095

Ion	Ratio	Lower	Upper
152	100		
115	48.8	28.1	84.3
150	131.2	0.0	343.2



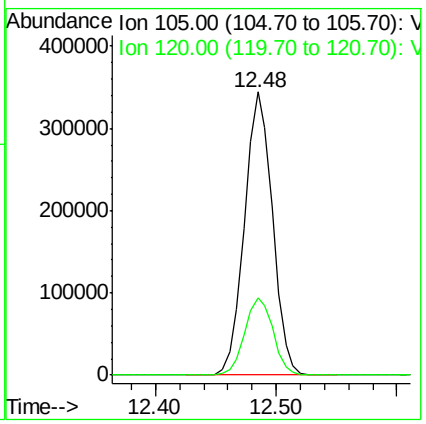


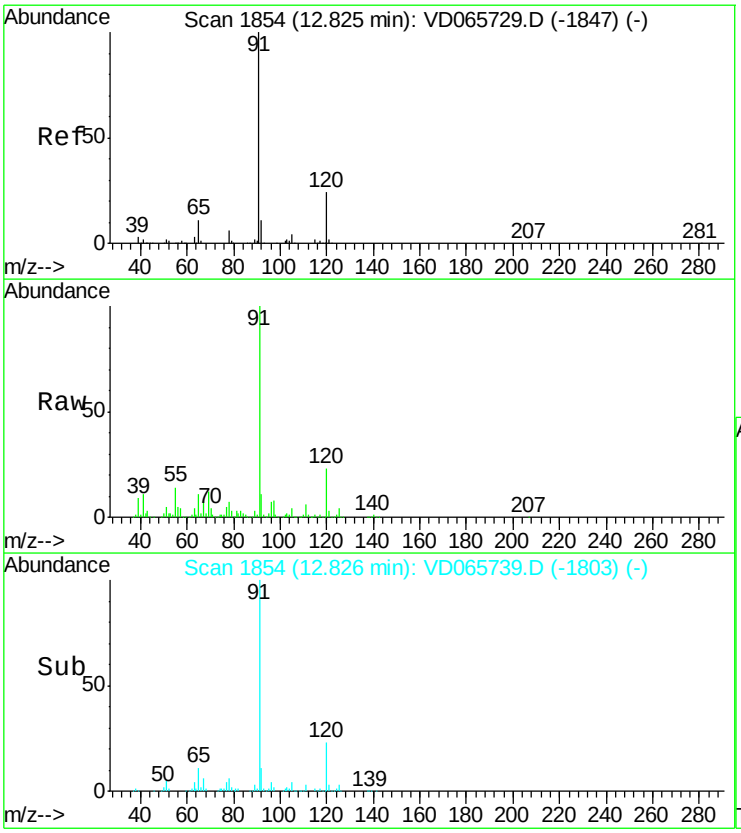
#73
Isopropylbenzene
Concen: 37.299 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Instrument :
MSVOA_D
ClientSampleId :
EO-01-051320

Tgt Ion:105 Resp: 558634

Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.7	41.0

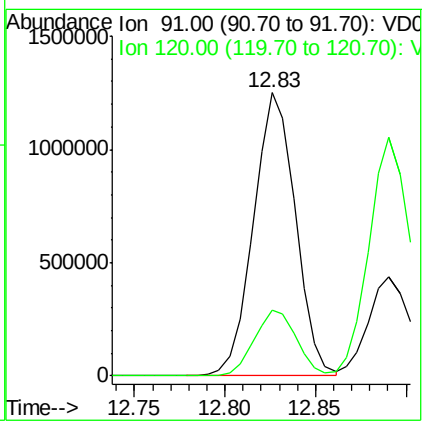


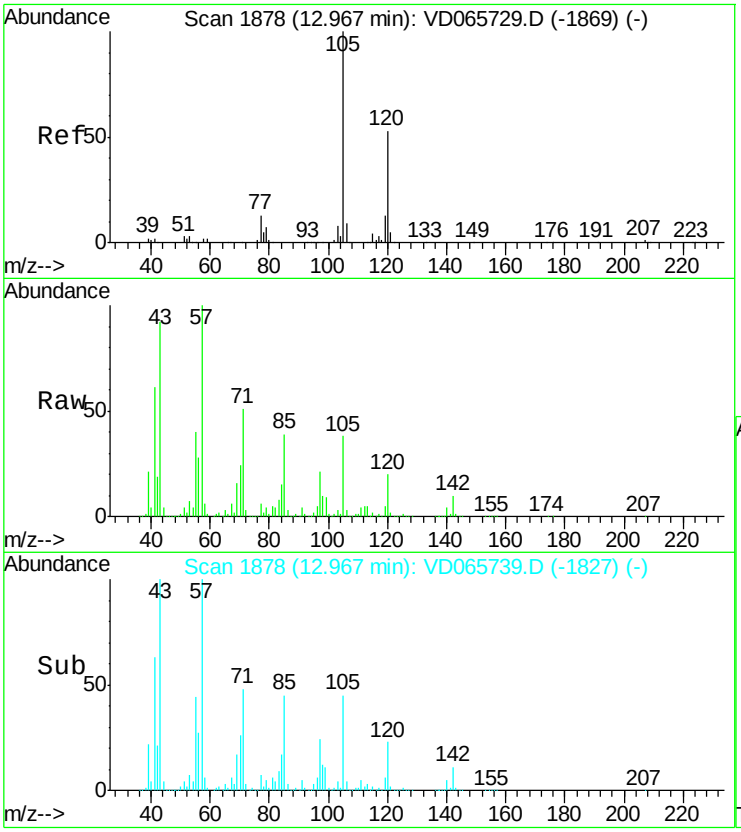


#78
n-propylbenzene
Concen: 114.213 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Tgt Ion: 91 Resp: 1998206

Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.9	35.5



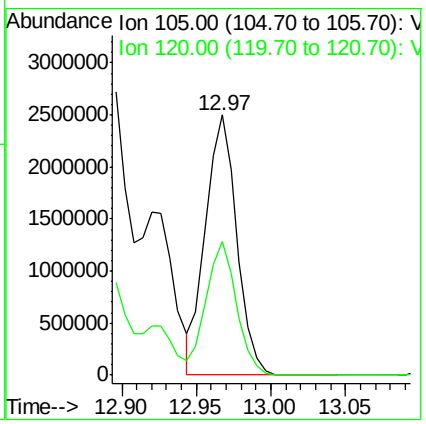


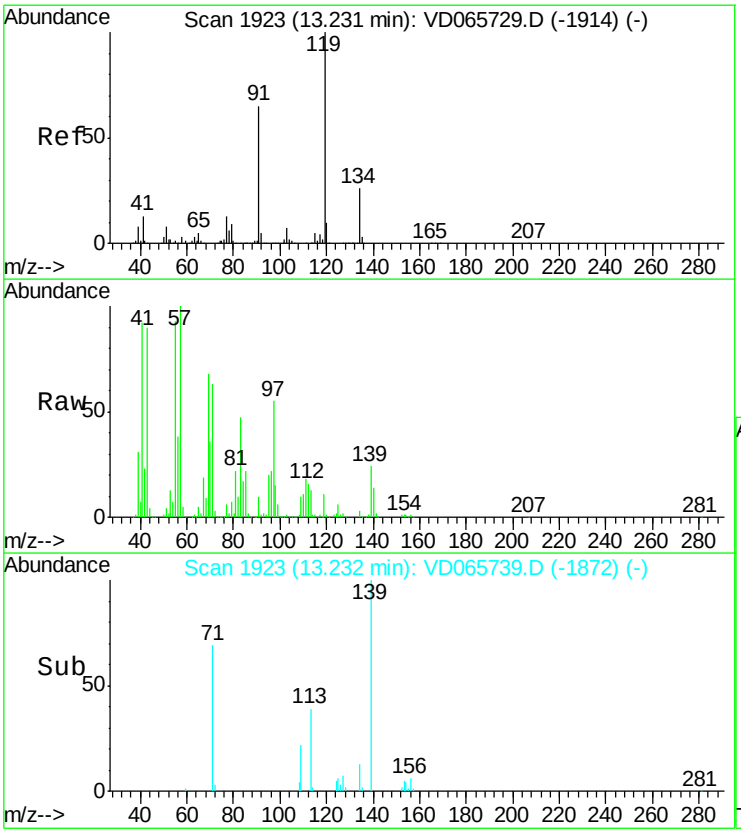
#80
1,3,5-Trimethylbenzene
Concen: 294.449 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Instrument :
MSVOA_D
ClientSampleId :
EO-01-051320

Tgt Ion:105 Resp: 3633707

Ion	Ratio	Lower	Upper
105	100		
120	50.1	25.7	77.0

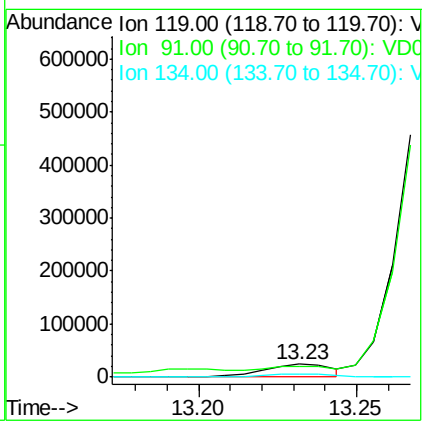


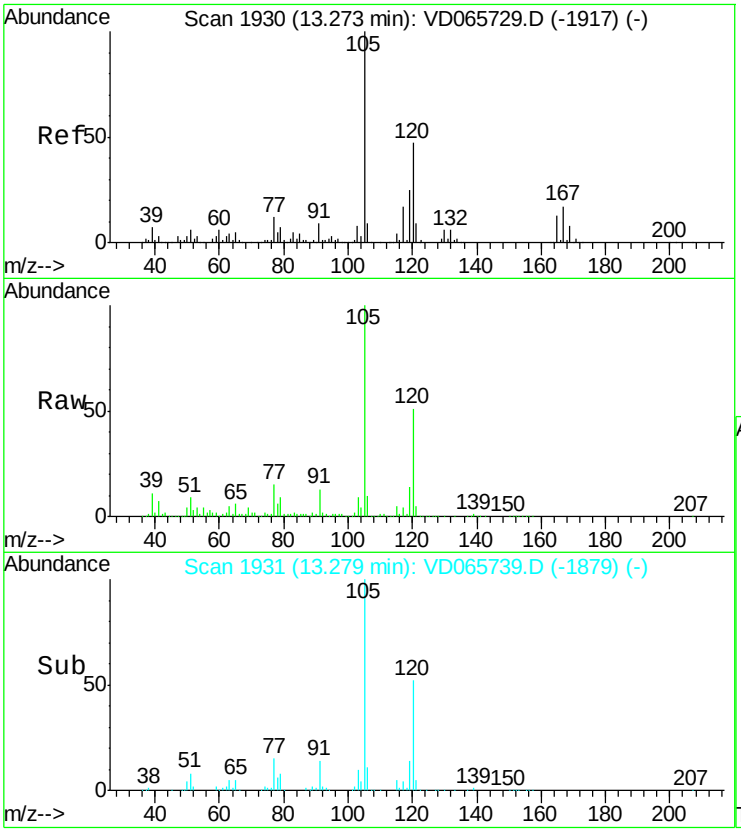


#83
tert-Butylbenzene
Concen: 3.303 ug/l m
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Tgt Ion:119 Resp: 36147

Ion	Ratio	Lower	Upper
119	100		
91	3174.8	31.6	95.0#
134	0.0	12.7	38.1#



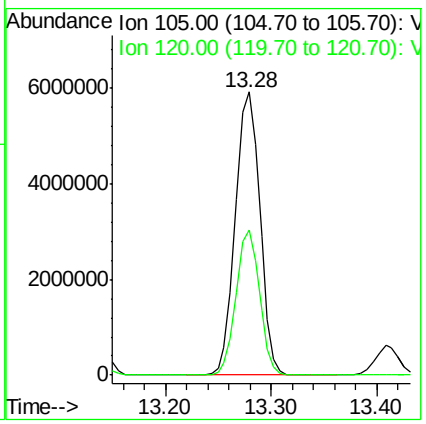


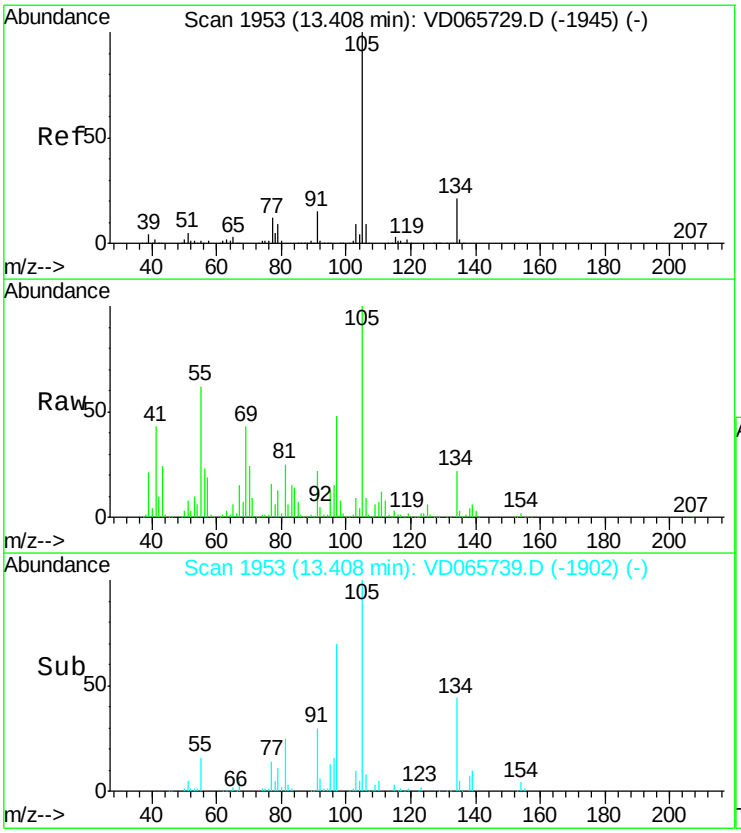
#84
1,2,4-Trimethylbenzene
Concen: 779.330 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.01 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Instrument :
MSVOA_D
ClientSampleId :
EO-01-051320

Tgt Ion:105 Resp: 9484700

Ion	Ratio	Lower	Upper
105	100		
120	49.0	23.6	70.8

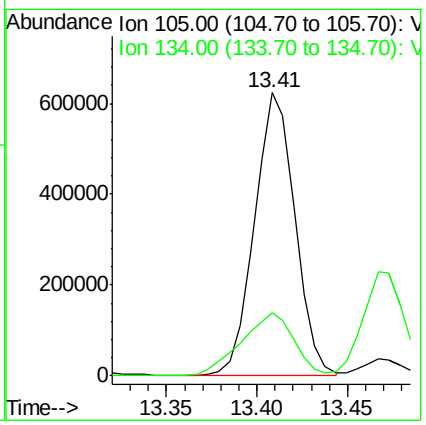


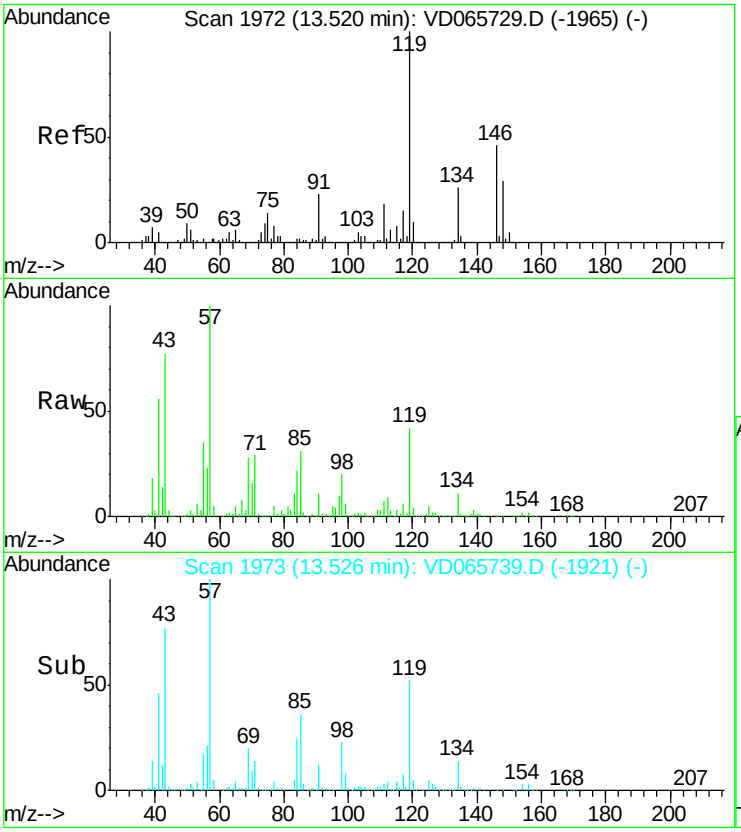


#85
sec-Butylbenzene
Concen: 64.389 ug/l
RT: 13.41 min Scan# 1953
Delta R.T. 0.00 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Tgt Ion:105 Resp: 958773

Ion	Ratio	Lower	Upper
105	100		
134	29.3	10.7	31.9



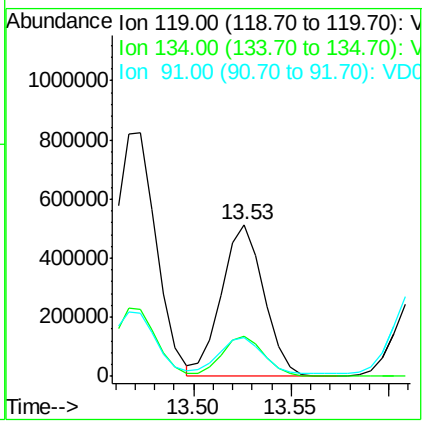


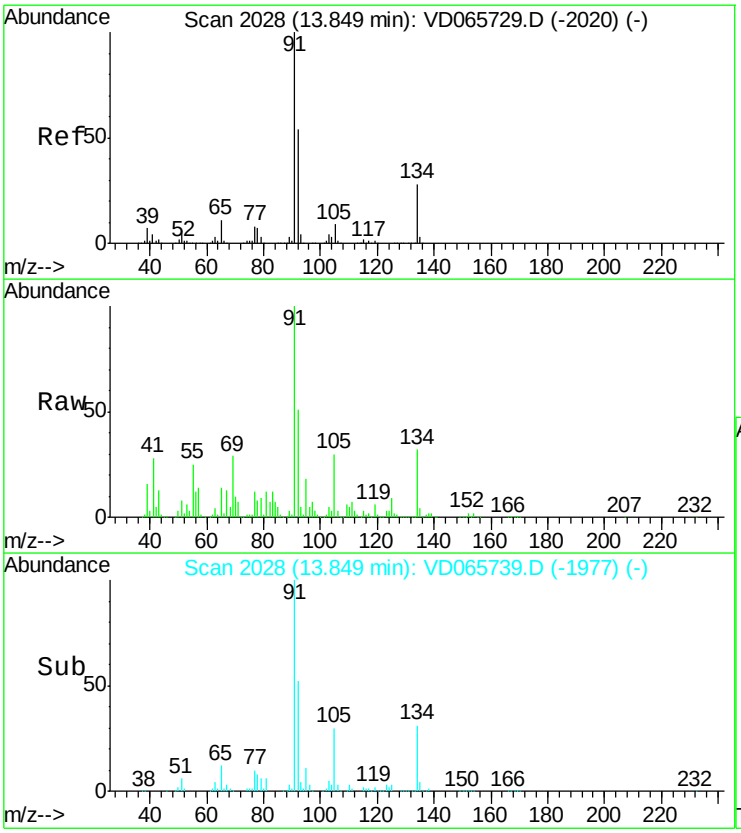
#86
p-Isopropyltoluene
Concen: 56.244 ug/l
RT: 13.53 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Instrument :
MSVOA_D
ClientSampleId :
EO-01-051320

Tgt Ion:119 Resp: 769788

Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.6	40.7
91	24.7	11.7	35.1

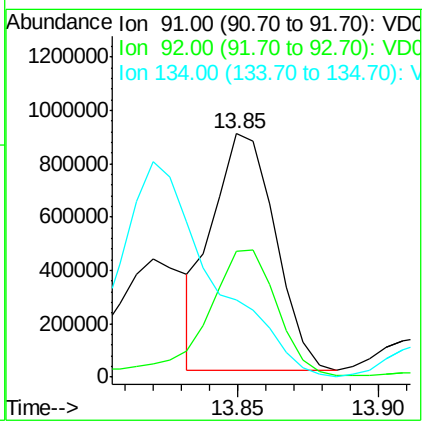


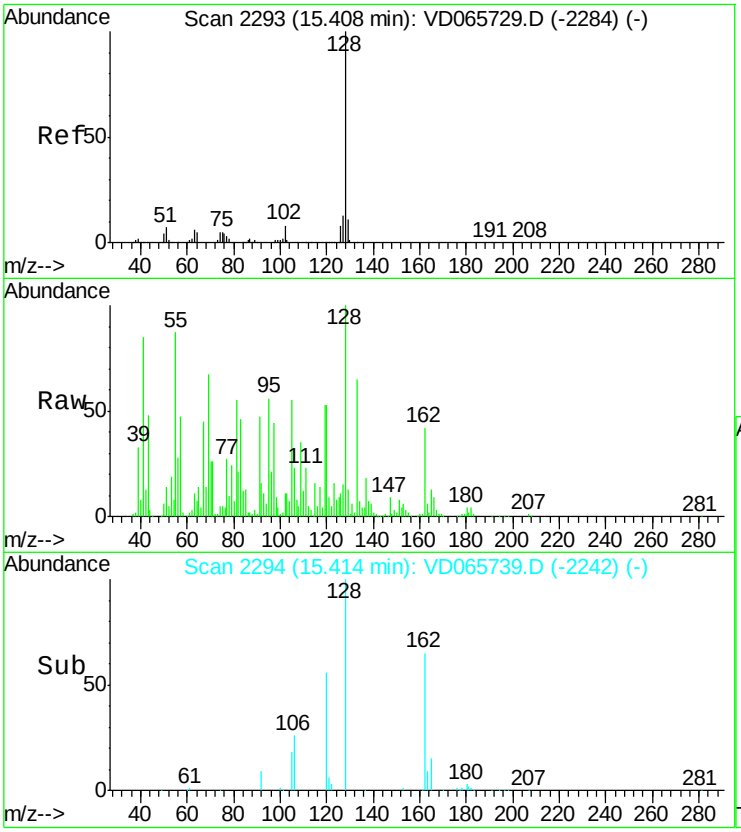


#89
n-Butylbenzene
Concen: 107.408 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Tgt Ion: 91 Resp: 1374618

Ion	Ratio	Lower	Upper
91	100		
92	60.0	27.0	81.0
134	0.0	13.9	41.7#





#95
Naphthalene
Concen: 43.525 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD065739.D
Acq: 14 May 2020 13:28

Instrument :
MSVOA_D
ClientSampleId :
EO-01-051320

Tgt Ion:128 Resp: 322538

Ion	Ratio	Lower	Upper
128	100		
127	10.0	10.2	15.2#
129	7.8	8.8	13.2#