Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122920\
Data File : VD067966.D
Acq On : 29 Dec 2020 13:26
Operator : VA/SY
Sample : L5224-01
Misc : 1.21G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : DRUM-COMP-1

Quant Time: Dec 30 00:13:42 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	302677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	524902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	434538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	169364	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	141574	43.32	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 86.64%			
35) Dibromofluoromethane	7.914	113	162227	49.05	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.10%			
50) Toluene-d8	10.344	98	615176	49.49	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.98%			
62) 4-Bromofluorobenzene	12.632	95	179326	42.17	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.34%			
Target Compounds						Qvalue
16) Acetone	4.156	43	2239531	3588.85	ug/l	92
39) Methylcyclohexane	9.356	83	164757	25.76	ug/l	96
40) Benzene	8.356	78	89450	5.53	ug/l	91
52) Toluene	10.403	92	12926233	1293.84	ug/l	82
67) Ethyl Benzene	11.744	91	86068	5.15	ug/l	98
68) m/p-Xylenes	11.850	106	115986	18.21	ug/l	97
69) o-Xylene	12.179	106	42533	7.46	ug/l	95
73) Isopropylbenzene	12.479	105	14167	1.13	ug/l	94
78) n-propylbenzene	12.820	91	32097	2.05	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	23995	2.30	ug/l	86
84) 1,2,4-Trimethylbenzene	13.267	105	75356	7.20	ug/l	92
85) sec-Butylbenzene	13.397	105	15619	1.24	ug/l	95
86) p-Isopropyltoluene	13.514	119	14070	1.27	ug/l	89
89) n-Butylbenzene	13.838	91	14163	1.29	ug/l #	80
95) Naphthalene	15.402	128	19325	3.83	ug/l #	88

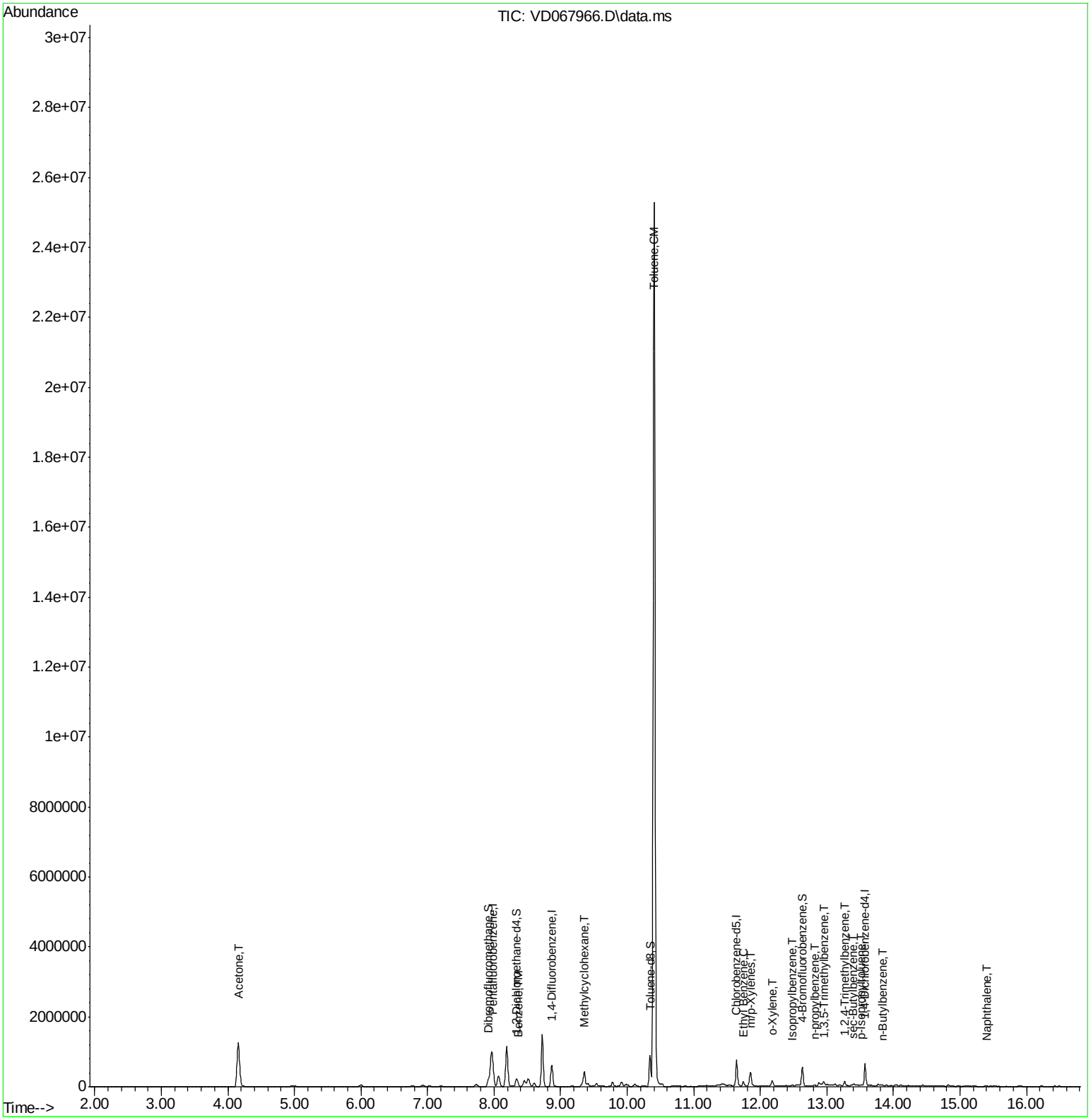
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (LSC Reviewed)

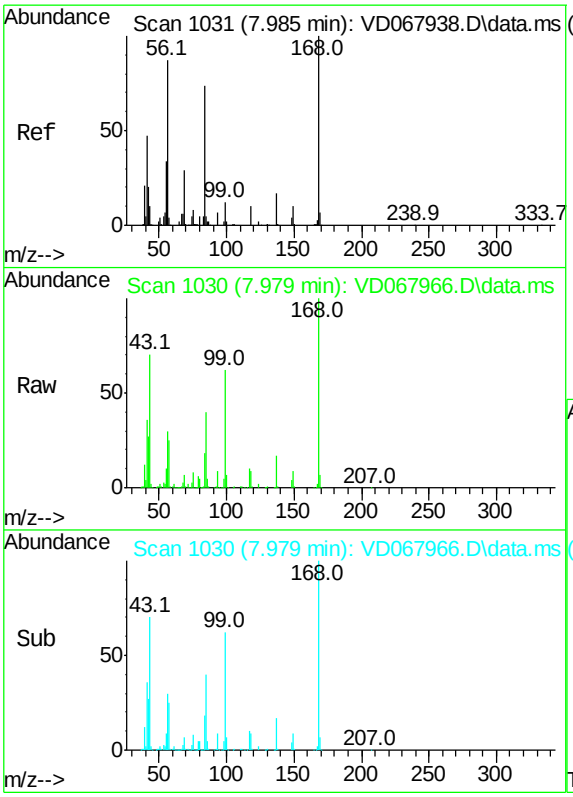
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122920\
Data File : VD067966.D
Acq On : 29 Dec 2020 13:26
Operator : VA/SY
Sample : L5224-01
Misc : 1.21G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1

Quant Time: Dec 30 00:13:42 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration



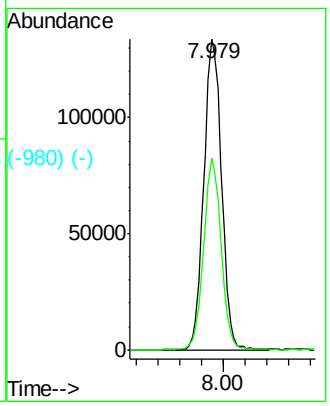
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1

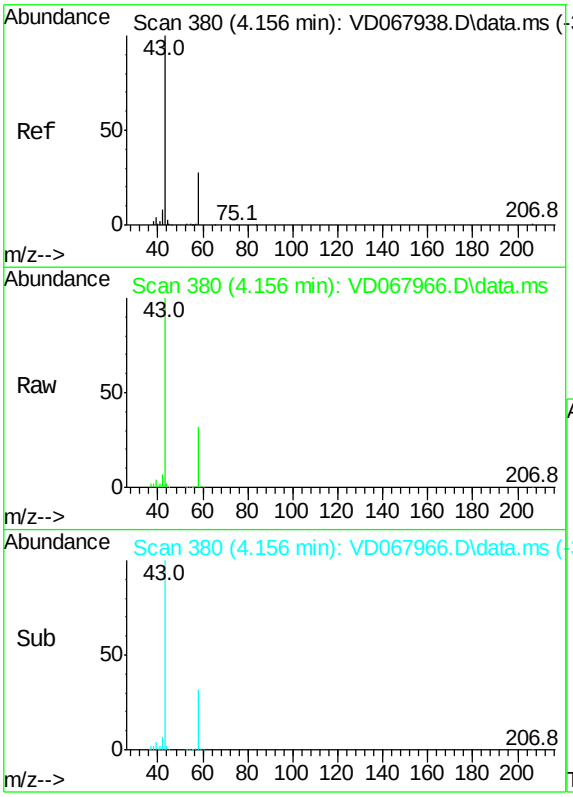


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion:168 Resp: 302677

Ion	Ratio	Lower	Upper
168	100		
99	61.6	48.0	72.0

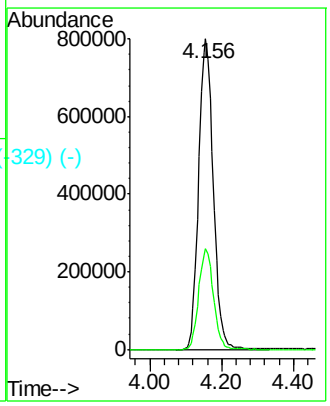




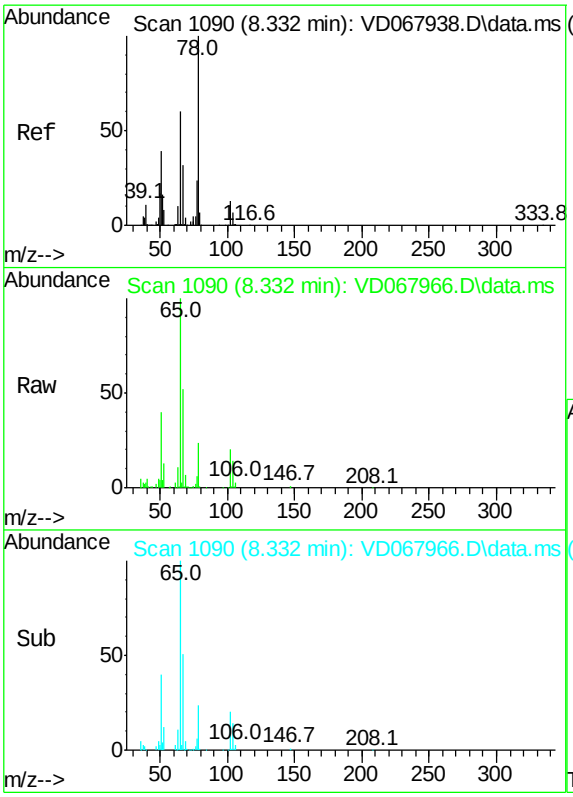
#16
Acetone
Concen: 3588.85 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion: 43 Resp: 2239531

Ion	Ratio	Lower	Upper
43	100		
58	32.3	22.3	33.5



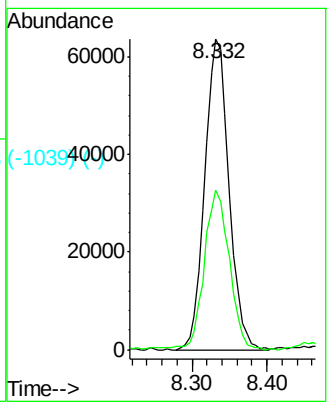
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1

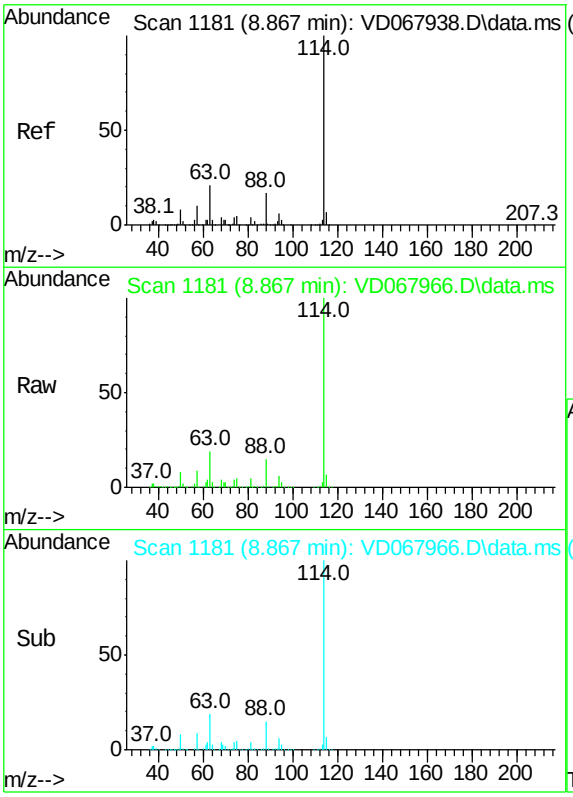


#33
1,2-Dichloroethane-d4
Concen: 43.32 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion: 65 Resp: 141574

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	110.0

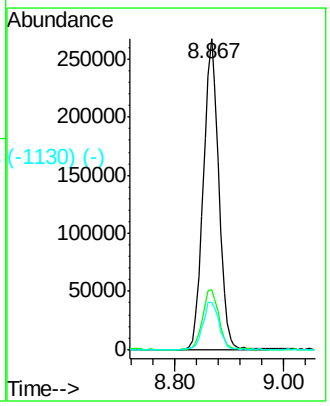




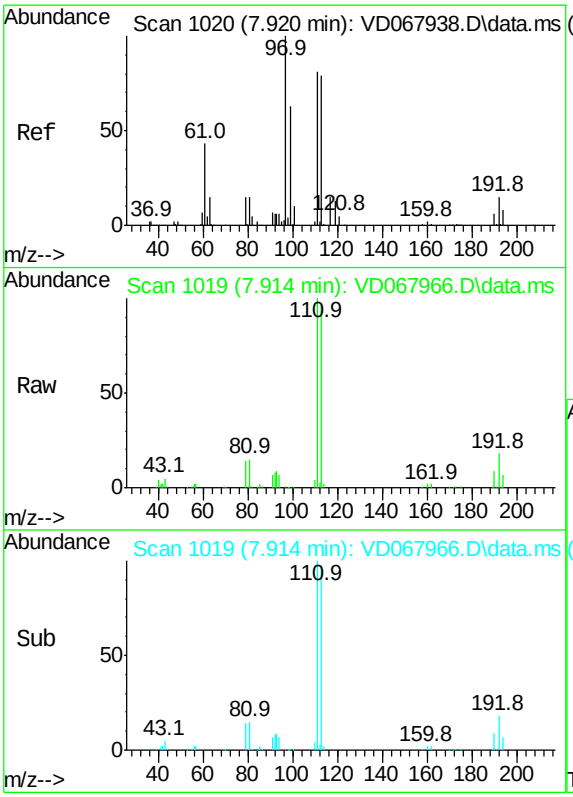
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion:114 Resp: 524902

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	41.4
88	15.2	0.0	33.2



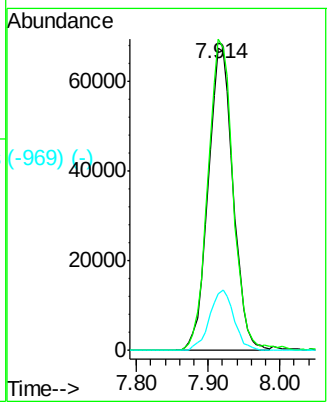
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1

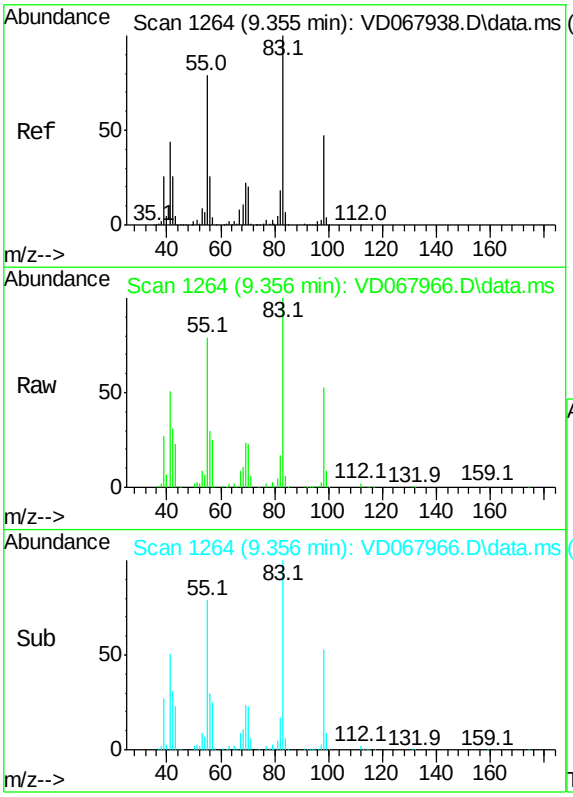


#35
Dibromofluoromethane
Concen: 49.05 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion:113 Resp: 162227

Ion	Ratio	Lower	Upper
113	100		
111	103.7	79.3	118.9
192	19.1	14.5	21.7

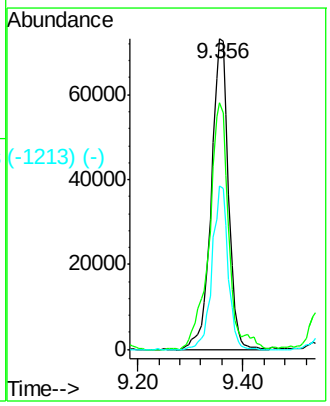




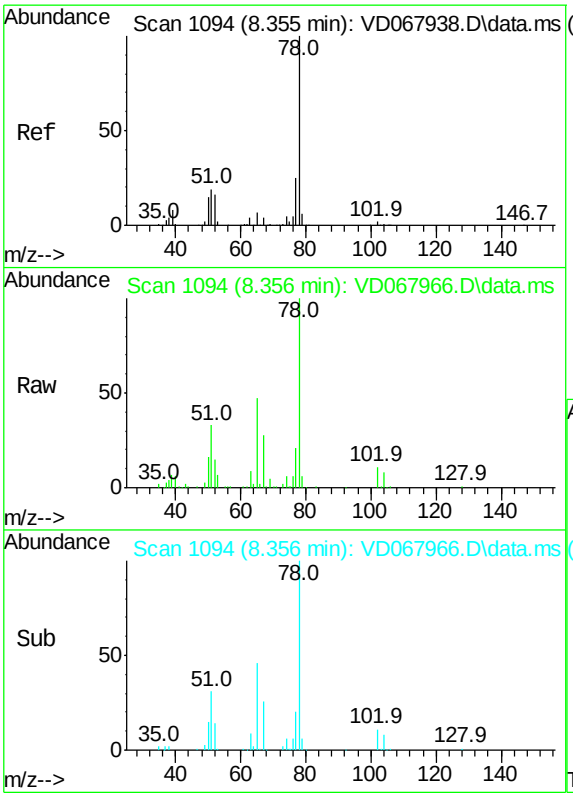
#39
Methylcyclohexane
Concen: 25.76 ug/l
RT: 9.356 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion: 83 Resp: 164757

Ion	Ratio	Lower	Upper
83	100		
55	79.1	63.5	95.3
98	52.5	37.3	55.9



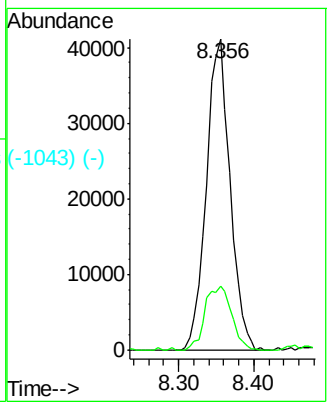
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1

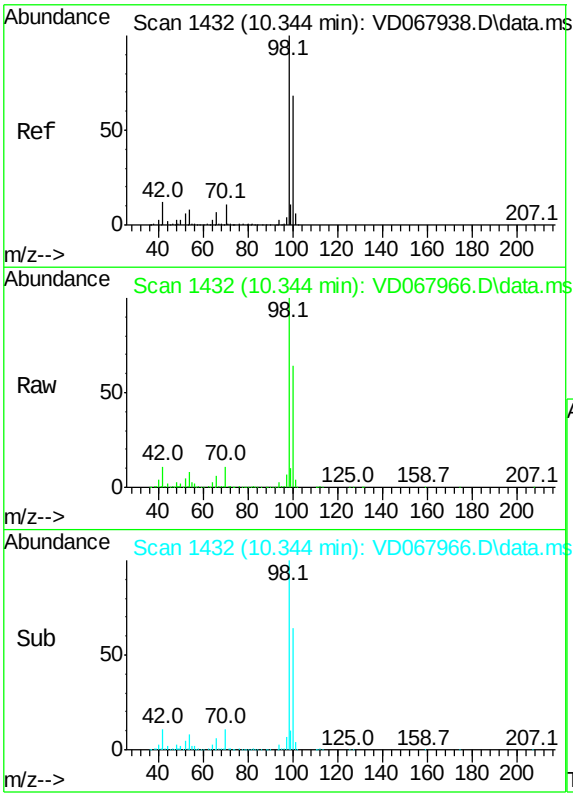


#40
Benzene
Concen: 5.53 ug/l
RT: 8.356 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion: 78 Resp: 89450

Ion	Ratio	Lower	Upper
78	100		
77	20.6	20.1	30.1

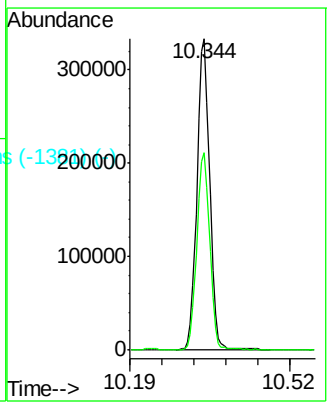




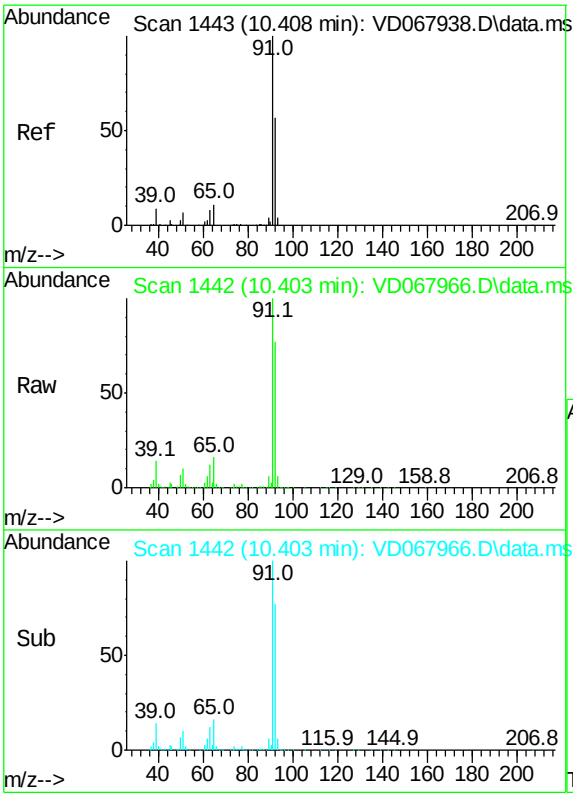
#50
Toluene-d8
Concen: 49.49 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion: 98 Resp: 615176

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.5	78.7



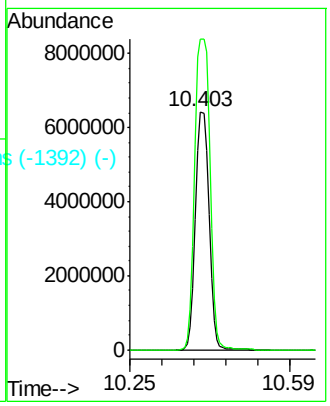
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1

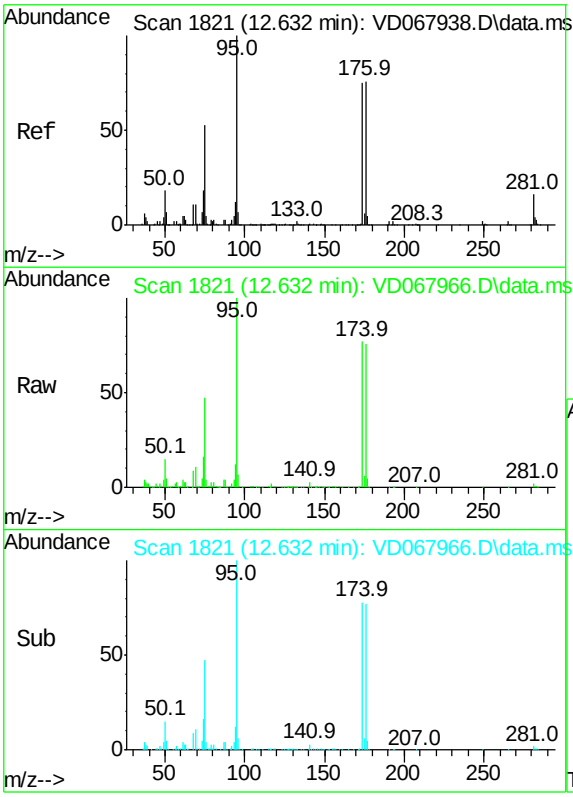


#52
Toluene
Concen: 1293.84 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion: 92 Resp:12926233

Ion	Ratio	Lower	Upper
92	100		
91	148.2	138.5	207.7

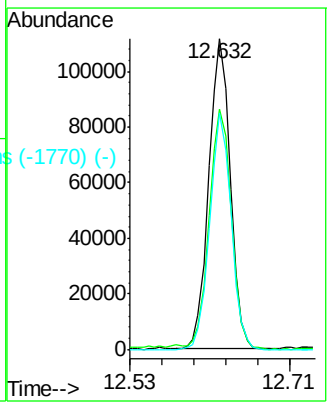




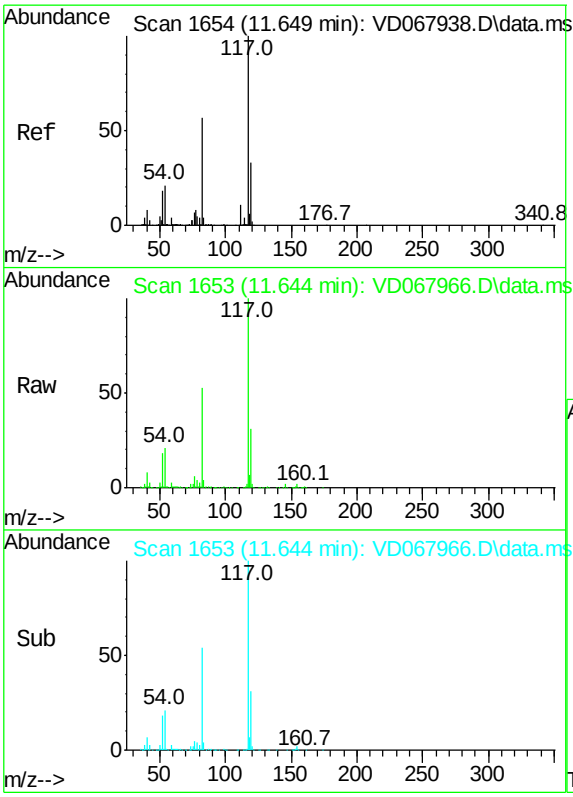
#68
4-Bromofluorobenzene
Concen: 42.17 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion: 95 Resp: 179326

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	150.6
176	75.9	0.0	151.2



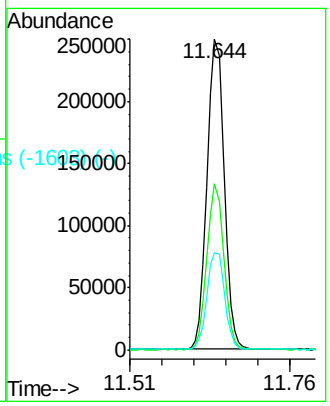
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1

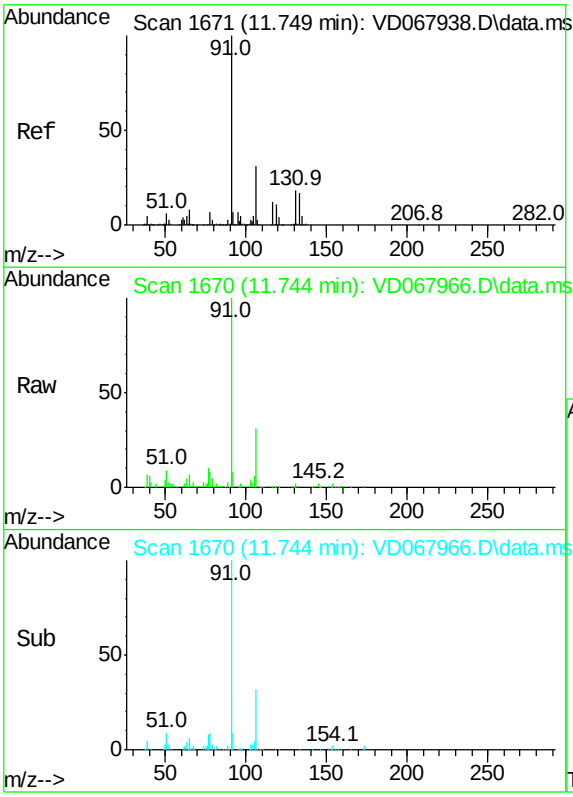


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion:117 Resp: 434538

Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.4	68.0
119	31.2	26.7	40.1

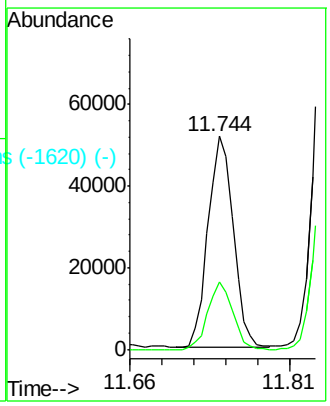




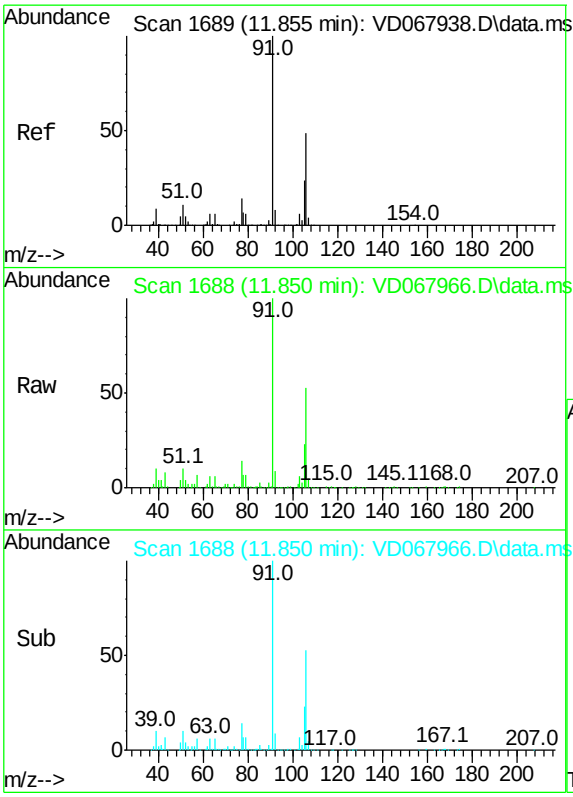
#67
Ethyl Benzene
Concen: 5.15 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion: 91 Resp: 86068

Ion	Ratio	Lower	Upper
91	100		
106	31.7	24.6	37.0



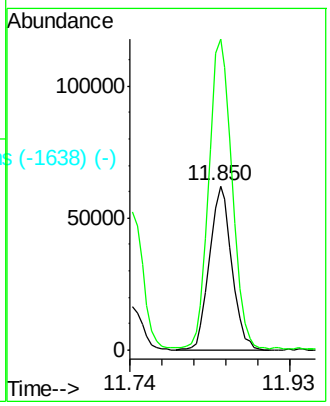
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1

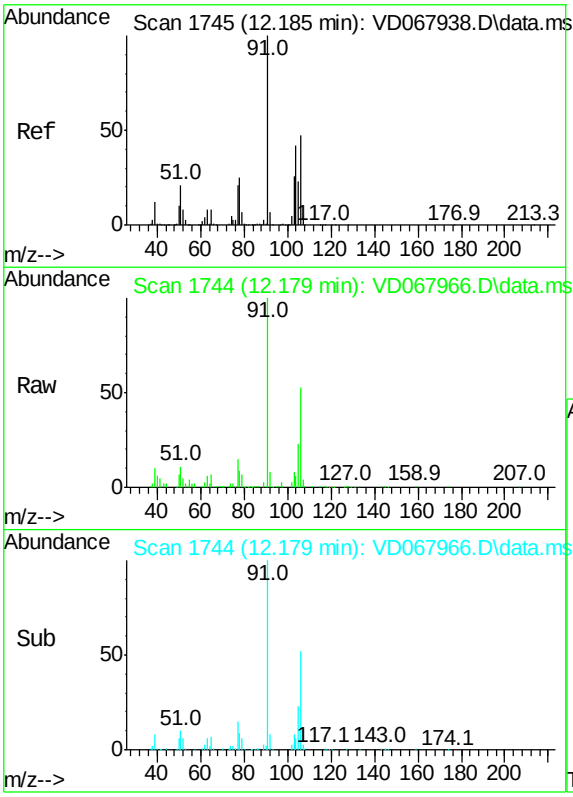


#68
m/p-Xylenes
Concen: 18.21 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion:106 Resp: 115986

Ion	Ratio	Lower	Upper
106	100		
91	195.8	159.9	239.9

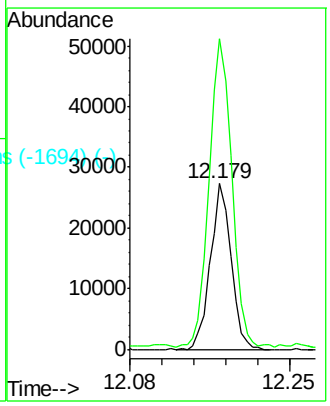


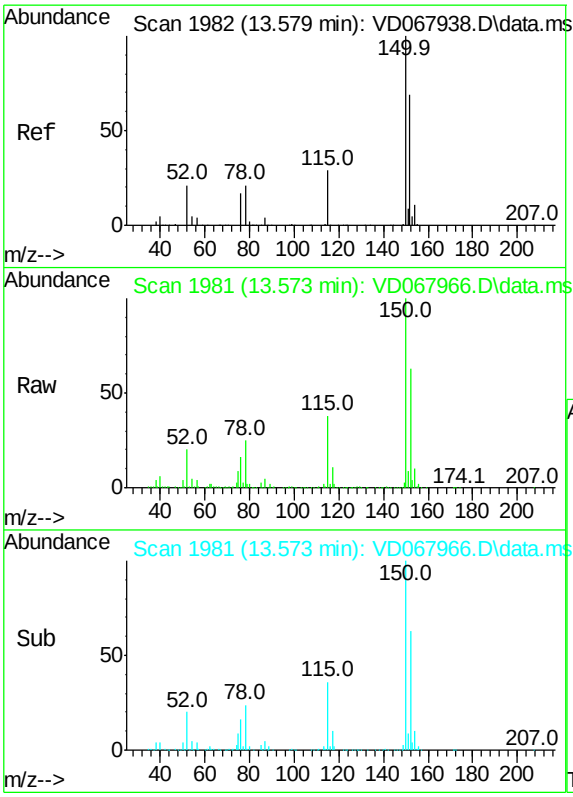


#69
o-Xylene
Concen: 7.46 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion:106 Resp: 42533

Ion	Ratio	Lower	Upper
106	100		
91	203.8	106.0	317.9

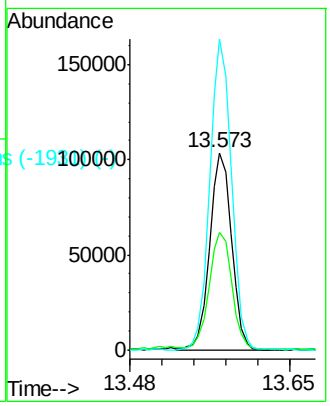




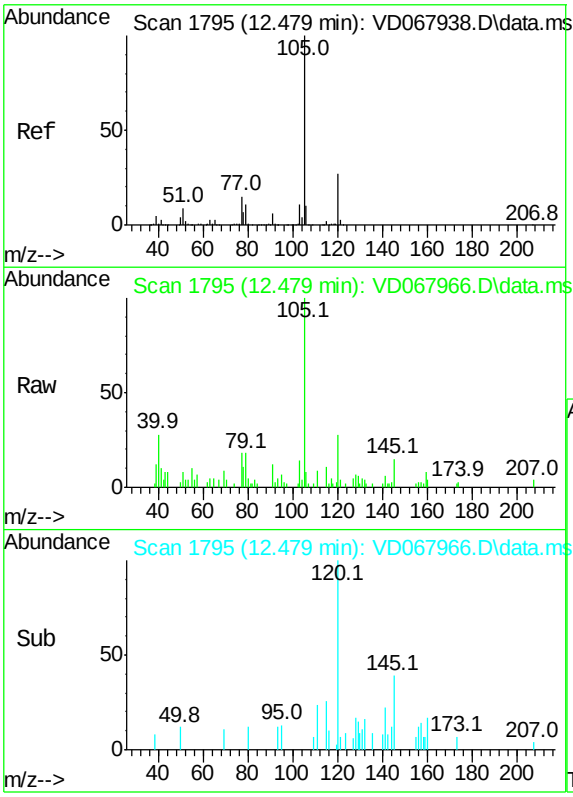
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion:152 Resp: 169364

Ion	Ratio	Lower	Upper
152	100		
115	62.6	29.3	88.0
150	156.5	0.0	340.0



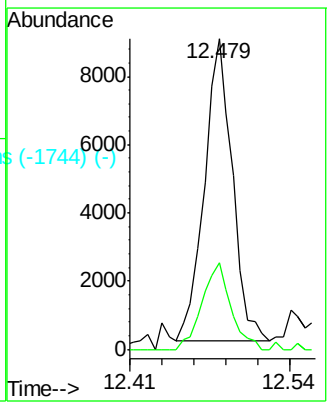
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1



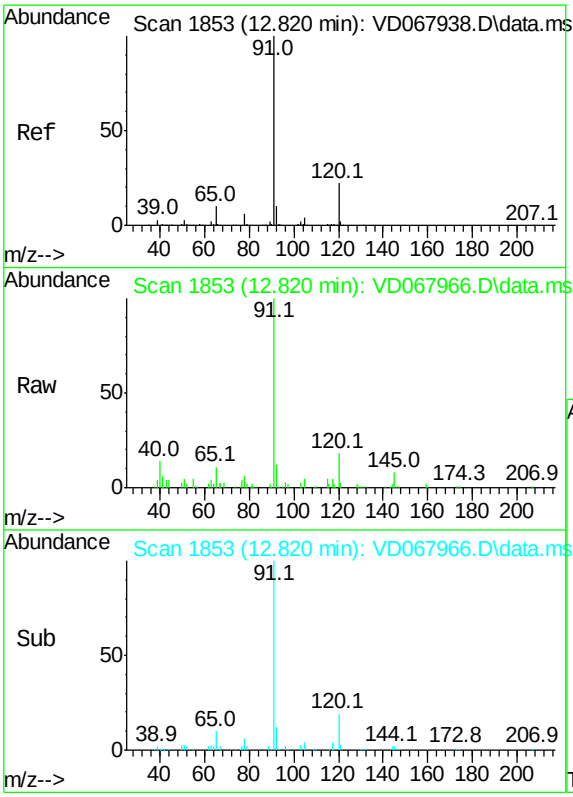
#73
Isopropylbenzene
Concen: 1.13 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion:105 Resp: 14167

Ion	Ratio	Lower	Upper
105	100		
120	29.6	13.4	40.1



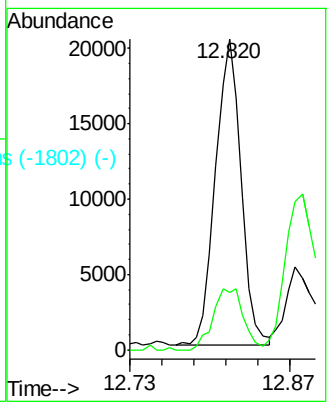
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1

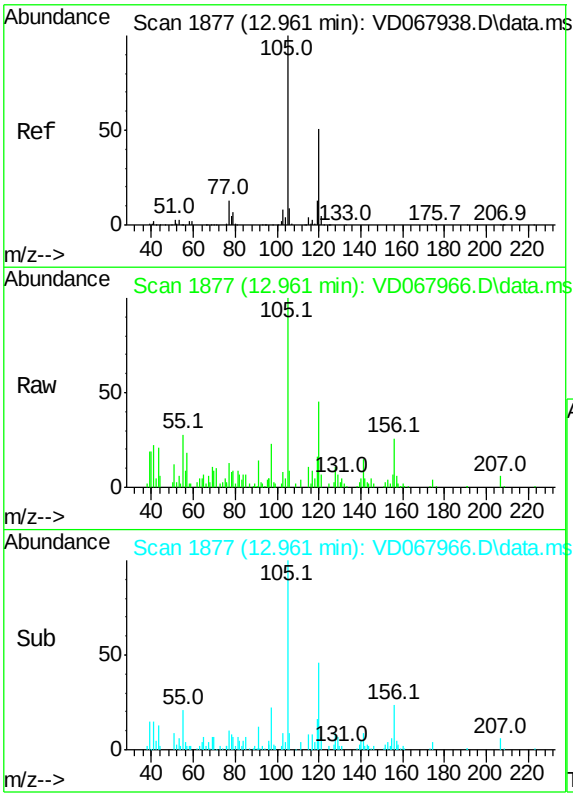


#78
n-propylbenzene
Concen: 2.05 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion: 91 Resp: 32097

Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.2	33.5

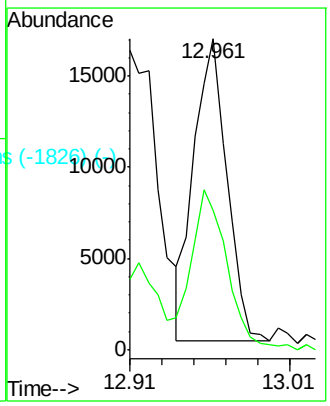




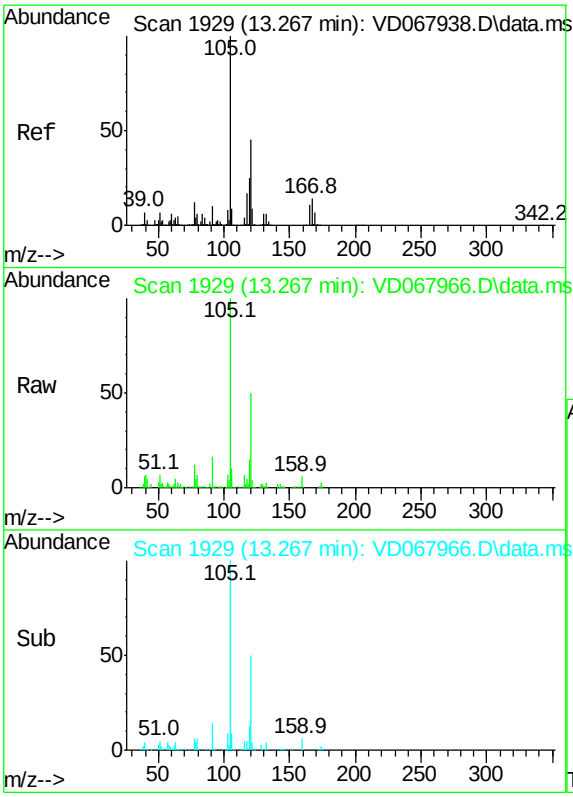
#80
1,3,5-Trimethylbenzene
Concen: 2.30 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion:105 Resp: 23995

Ion	Ratio	Lower	Upper
105	100		
120	59.2	24.9	74.6



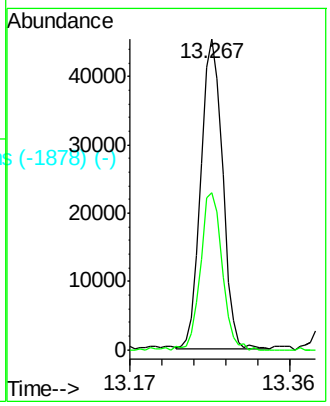
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1

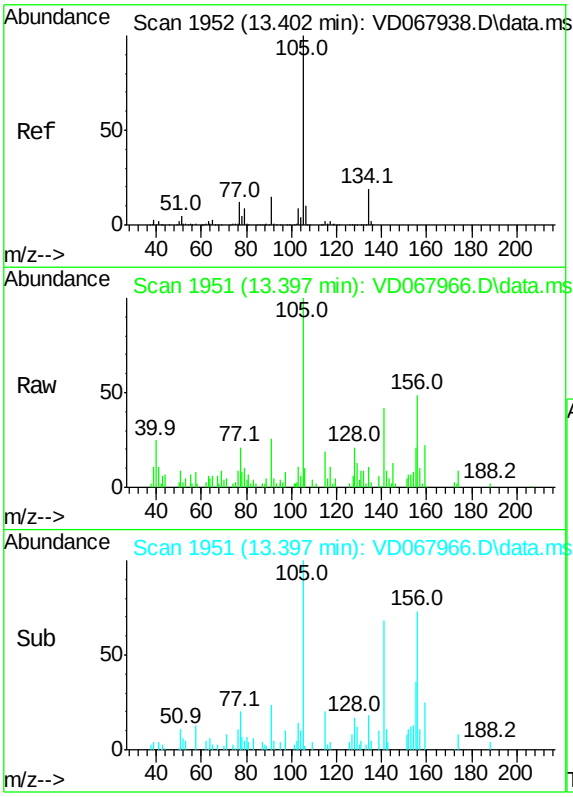


#84
1,2,4-Trimethylbenzene
Concen: 7.20 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion:105 Resp: 75356

Ion	Ratio	Lower	Upper
105	100		
120	50.8	22.7	68.0

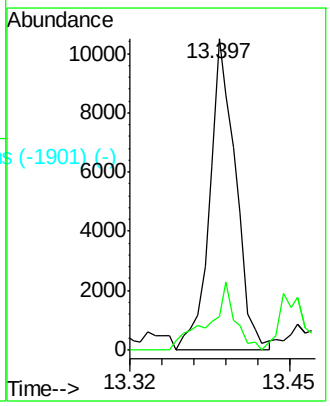




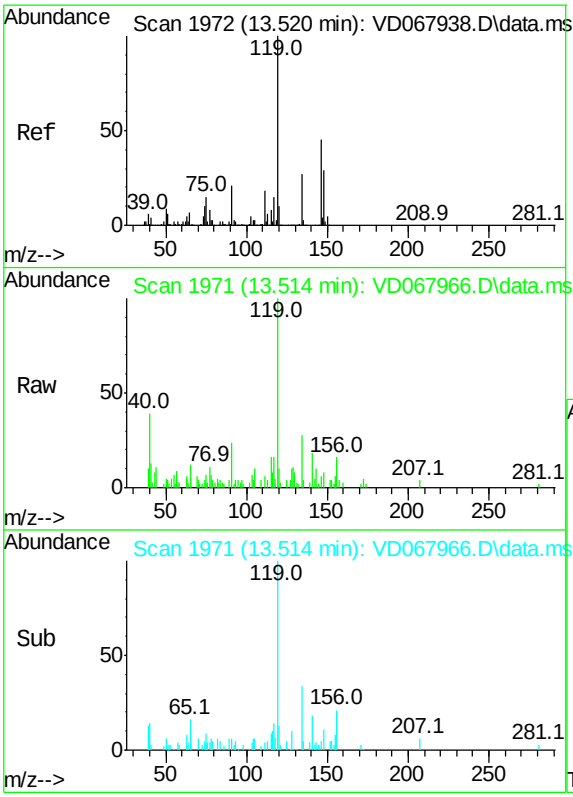
#85
sec-Butylbenzene
Concen: 1.24 ug/l
RT: 13.397 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion:105 Resp: 15619

Ion	Ratio	Lower	Upper
105	100		
134	21.7	9.7	29.1



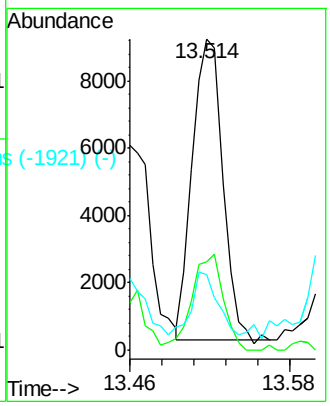
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1

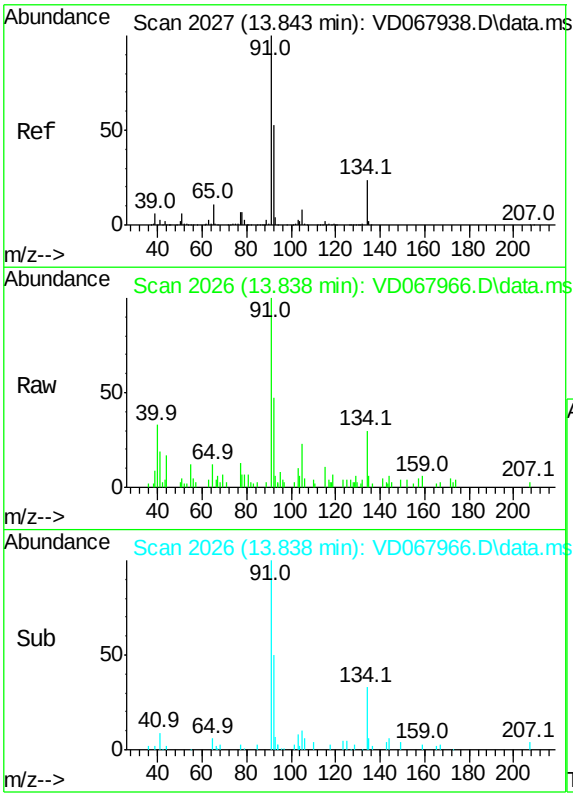


#86
p-Isopropyltoluene
Concen: 1.27 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.006 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion:119 Resp: 14070

Ion	Ratio	Lower	Upper
119	100		
134	32.2	13.3	39.9
91	17.6	11.4	34.2

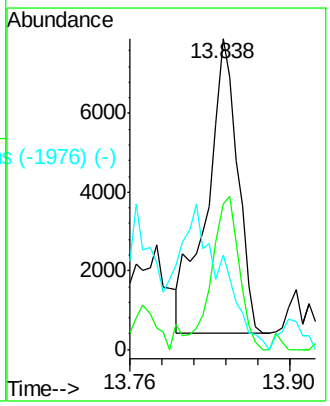


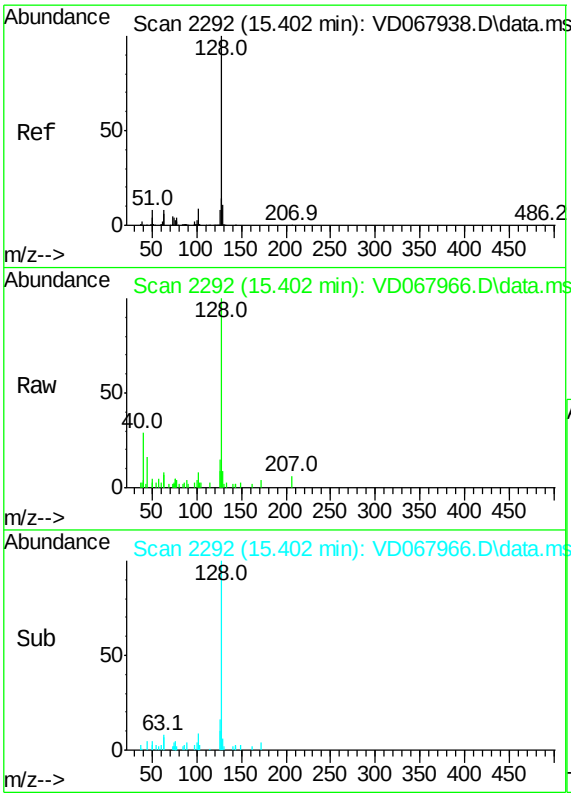


#89
n-Butylbenzene
Concen: 1.29 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. -0.006 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion: 91 Resp: 14163

Ion	Ratio	Lower	Upper
91	100		
92	49.2	26.8	80.3
134	0.0	12.3	36.9#

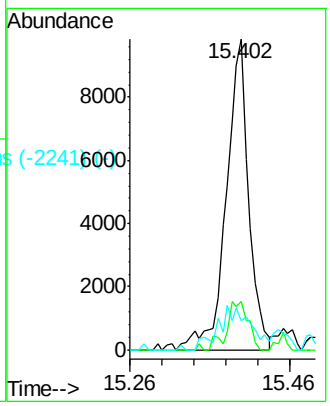




#95
Naphthalene
Concen: 3.83 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD067966.D
Acq: 29 Dec 2020 13:26

Tgt Ion:128 Resp: 19325

Ion	Ratio	Lower	Upper
128	100		
127	14.8	11.2	16.8
129	20.1	8.6	12.8#



Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1